



# Census of Industrial Production 2012 Report



**Office of Chief Government Statistician  
Zanzibar  
March, 2014**



## FOREWORD

The 2012 Census of Industrial Production (CIP) for Zanzibar, Tanzania is the fifth to be conducted since the establishment of the Zanzibar Statistical Office. Previous industrial censuses were conducted in years 1978, 1989, 2001 and 2008.

The purpose of this report is to provide a comprehensive data base for industrial planning, development and policy formulation. It is hoped that this report will be of great use for those who are interested in the study and development of Zanzibar industrial sector.

The tables presented in this report were based on the information collected through the census's questionnaire. The census covered establishment which operated during the year 2012 from January to December and engaged one or more persons in at least one of the mining and quarrying; and manufacturing activities. Although generation and distribution of electrical energy is part of industrial activities but for the purpose of this census, have been excluded due to monopoly nature of ownership.

Indicators have been presented in accordance with the International Standard Industrial Classification of All Economic Activities, Rev, 4 (ISIC Rev. 4). Some important statistics are given by region, size of establishment and ownership.

The contents of this report have been guided by the need of various stakeholders including Ministries, Departments and Agencies, private institutions as well as inquires initiated by individual persons.

The Office of Chief Government Statistician aims to improve the content and accuracy of industrial statistics in our country. In this respect we welcome suggestions and recommendations from all users of industrial census data and related statistics. These should be channelled to:

**Chief Government Statistician Zanzibar**  
**The Office of Chief Government Statistician**  
**P. O. BOX 2321,**  
**Zanzibar.**  
**Telephone 024-2231869**  
**Fax 024- 2231742**  
**Website: [www.ocgs.go.tz](http://www.ocgs.go.tz)**

.....  
**Mr. Mohamed H. Rajab**  
**Chief Government Statistician**

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**Mr. Abdul R. Abeid**  
**Ag Director**  
**Department of Economic Statistics**  
**Office of Chief Government Statistician**  
**July 2013**

## ACRONYMS AND ABBREVIATIONS

Bp	Basic Price
CIP	Census of Industrial Production
CPC	Central Product Classification
GDP	Gross Domestic Product
GFCF	Gross Fixed Capital Formation
GO	Gross Output
GOS	Gross Operating Surplus
ISIC	International Standard Industrial Classification
IT	Information Technology
n.e.c	not elsewhere classified
OCGS	Office of Chief Government Statistician
SMEs	Small Medium Enterprises
TZS	Tanzania Shillings
TSMP	Tanzania Statistical Master Plan
UNDP	United Nations Development Organization Program
UNIDO	United Nations Industrial Development Organization
VA	Value Added
ZSSF	Zanzibar Social Security Fund
( )	In the table means negative
“-”	Means zero
‘000’	Thousands

## CONCEPTS AND DEFINITIONS USED IN QUESTIONNAIRE

Concepts and definitions are according to the Recommendations of the 1993 System of National Account was adopted by the United Nations Statistical Commission during its 27th session in 1993 as the international standard for compilation of national accounts statistics and for the international reporting of comparable national accounting data.

- i) **The Statistical Unit:** Ideally the statistical unit as recommended by the United Nations Statistical Office for industrial enquiries is the establishment which is defined as a unit of production engaged in a single kind of activity under a single ownership at a single location. In practice difficulties arose in applying this definition to some enterprises hence the concept of reporting unit was adopted. The reporting unit was the smallest unit which could provide the information required by the census. With the exception of the following cases, the reporting unit and the establishment are identical:
- A unit, though under single ownership and carrying out a single activity, may operate at different locations but maintain consolidated accounts which do not readily yield data on separate locations. This occurs in some larger industrial concerns and also in the production of electricity.
  - A number of manufacturing units engaged in two or more manufacturing activities. Where possible a completed questionnaire was obtained in respect of each activity otherwise a combined return for all activities was accepted.
- ii) **Classification of Products:** Codes for Principal Products Rev.2 (CPC) were post coded and entered directly onto questionnaires after all questionnaires received at the office and a team of staff were recruited and assigned the activity of post coded. A five– digit level of CPC Rev2 was applied as a product code
- iii) **Gross Output:** Gross output of industries covers the value in the market of 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.
- iv) **Intermediate Consumption:** Intermediate consumption of industries covers non-durable goods and services used up in production, including repairs and maintenance of the capital stock, research and direct outlays on 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 for change in stocks of raw materials.

- v) **Value of stocks:** This item comprise 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 itself or in ancillary or other warehouses).
- vi) **Value Added:** The value added is equal to gross output less the value of the intermediate consumption. The sum of the value added of all domestic producers gives the Gross Domestic Product (GDP). Value added may be at factor cost, basic prices or at producers' prices depending on the treatment of taxes on production and subsidies. Value added at basic prices is obtained as the difference between gross output and intermediate consumption whereby output is valued at basic prices and intermediate consumption at purchasers' prices.
- vii) **Basic price:** The basic price is the amount receivable by the producer exclusive of taxes on products and inclusive of subsidies on products.
- viii) **Purchasers' price:** The purchasers' price is the amount payable by the purchaser exclusive of deductible taxes on products (e.g. deductible value added tax).
- ix) **Compensation of Employees:** Compensation of employees comprises all payments by producers of wages and salaries to their employees, in kind as well as in cash and of contributions to social security and to private pension, casualty insurance and similar schemes.
- x) **Gross Operating Surplus:** Gross operating surplus is defined as the excess of value added over the cost of employees' compensation.
- xi) **Establishment:** An establishment is defined as an economic unit that engages, under a single legal entity, in one, or predominantly one, kind of activity at a single physical location - for example, a mine, factory or workshop.
- xii) **Partnership:** An establishment whereby two or more individuals put their capital together set up a business and shares the profits
- xiii) **Public:** An establishment owned by the Government
- xiv) **Parastatal:** Establishments are those belonging to companies, in which the Government

has a controlling interest.

- xv) **Co-operatives:** are profit-making establishments whose profits are shared amongst its members.
- xvi) **Private company:** is a private business entity where the shares are held privately and with unlimited liabilities.
- xvii) **Private limited company:** is a private business entity where the shares are held privately and with limited liabilities
- xviii) **Number of persons engaged:** This is the total number of persons who work in or for the establishment. It includes working proprietors and partners, unpaid workers, managerial and professional staff, operatives and other employees.
- xix) **Working proprietors and partners** are all individual proprietors and partners who are actively engaged in the work of the establishment without pay.
- xx) **Unpaid workers:** include members of the household of any of the proprietors as well as other workers who work in the establishment without regular pay for at least one third of the normal working time of the establishment.
- xxi) **Employees (operatives and other employees):**Persons who during the reference period performed some work for an agreed amount of pay in cash or in kind are persons who work in or for the establishment and receive pay, in cash or in kind. It includes operatives, and all persons employed on permanent, temporary or on casual terms.
- xxii) **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. Examples are persons engaged in fabricating, processing or assembling, fitters, packers, repairmen, record-keeping personnel and inspectors. Please differentiate between skilled and non-skilled operatives.
- xxiii) **Payment in kind:** Payment in kind is the net cost to the employer in providing to the employee food, drink, car facilities, fuel allowance, and other goods and services free of charge or at reduced prices.
- xxiv) **Net value-added tax paid:** The net value-added tax is calculated as the difference between the value-added tax invoiced to clients and the deductible value-added tax on

purchases of raw materials, intermediate products and the like.

- xxv) **Work in progress:** This item refers to the value of all materials which have been partially processed but which are not usually sold without further processing.
- xxvi) **Labour costs:** Wages salaries benefits in kind and employers contribution to social security schemes.
- xxvii) **Inputs or purchases:** Value of raw, packing and chemical materials consumed cost of re-sales, services received and other cost.
- xxviii) **Output:** Quantity of value of principal products manufactured, sales and services rendered to other forms value of capital goods constructed by the establishment for own use and the value of subsidies received.
- xxix) **Wages:** All cash payments made by the employer to the operatives in connection with the work done. It includes bonuses, overtime, cost of living allowances, commissions and payments made during vacation, sick leave, maternity or casual leave.
- xxx) **Salaries:** All cash payments paid to other employees, commissions and other allowances in connection with the work done. It also includes bonuses and overtime payments.

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

- xxxii) **Depreciation:** Represent the estimated allowance for wear and tear of fixed assets during the respective accounting year. Throughout this report, the unit of value is the Tanzania shilling.
- xxxiii) **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.
- xxxiiii) **Gross additions to fixed assets:** This is the expenditure on fixed assets (additions)

less total disposals of fixed assets.

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

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

xxxvi) **Inventory of Working Capital:** Value of stock of materials and stores, finished products and work in progress at the beginning and at the end of the accounting year.

xxxvii) **Small industries:** the following descriptions were used:

1 – 2 Establishments with 1 to 2 persons engaged

3 – 4 Establishments with 3 to 4 persons engaged

5 – 6 Establishments with 5 to 6 persons engaged

7 – 9 Establishments with 7 to 9 persons engaged

xxxviii) **Large industries:** the following descriptions were 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

## EXECUTIVE SUMMARY

### Overview

Zanzibar consists of two main islands, Unguja and Pemba, and about 50 other small islets. Unguja and Pemba are 50 km apart and separated by the Pemba channel.

### Geography and Demography

Location: 40kms off Mainland coast of East Africa, latitude 4<sup>0</sup> and 6<sup>0</sup> South longitude 39.5 and 40<sup>0</sup> east.

Surface area: Zanzibar 2,654km<sup>2</sup>, Unguja 1,666km<sup>2</sup>, Pemba 988km<sup>2</sup>.

Population: 2012 census 1,303,569. Population growth rate is 2.8 percent.

The contribution of industrial sector share to total GDP in 2011 was 12.0 percent compared to 12.6 in the previous year, 2010. The world economic history shows that the share of the manufacturing sector increases as economies grow. It is perhaps for this reason that the size of the manufacturing sector is often thought to be one of the indicators of the level of economic development of a country. With economic progress however, the share of the manufacturing sector is expected to increase beyond its current level.

In order to promote growth in the industrial sector, it is essential that more information becomes available with respect to the present status of industry, its structure, its real contribution to GDP, etc.

The industrial sector in Zanzibar is relatively small and according to national accounts estimates in 2012 represented around 12.0 percent of GDP, whereby 1.0 percent mining, 3.9% manufacturing, 1.5% electricity and 5.6% construction. Most of the manufacturing establishments are still small and few large size establishments operate mainly in the production of soft drink and food processing.

In 2012, the number of large industrial establishments operating in Zanzibar was 235. The highest concentration of these establishments was in Mjini Magharibi 111 followed by Kusini Pemba 53, Kaskazini Unguja 25, Kaskazini Pemba 25 and Kusini Unguja 21. 223 establishments which are about 95 percent were wholly owned by nationals, while 10 establishments about 4.3 percent were reported to be wholly foreign owned, and the remaining 2 establishments about 0.7 percent were under joint venture ownership.

For the total industry sector (large) stood at 62 percent during 2012. Out of the total 235 industrial establishments in 2012 the majority (216 or 92 percent) were in Manufacturing Sector while 19 (8%) were in the Mining Sector.

The total number of persons engaged (large industries) was 4,280 of which 3,943 (92 percent) were in Manufacturing 337 (8%) were in Mining Sector. Mjini/Magharibi region employed the largest number of workers (2,211 persons 51.7 percent).

Total number of persons employed was 2,611 workers of which 2,162 were male and 2,426 or 93 percent were in the Manufacturing Sector, while 185 or 7% were in Mining Sector.

The 223 national owned establishments engaged a total of 3,766 (88 percent) workers compared to 294 (7%) in foreign owned establishments. The jointly owned establishments had 220 (5.0%) persons.

A total of Tshs. 5,267 million was paid by the industrial establishment as compensation to employees.

The total gross output (larger industries) or total value of goods and services produced by the industrial establishments was 70,680 million. Sales of goods amounted to Tshs. 248,539 million which 2% or Tsh.3, 687 million were exports mainly from food products.

The total cost of production i.e intermediate consumption was Tshs. 39,099 million of which 14,836 million or 38.0 percent represented the cost of raw materials imported.

The total value added was Tshs. 31,581 million. The composition of value added by industry shows that, Manufacturing had the largest contribution of Tshs. 30,238 or 96 percent of the total value added.

#### Average capacity utilization rate

Total number of establishments in all industries operating in Zanzibar 2012 (LARGE AND SMALL) was 2201. The number of person engaged was 10,427.

The total gross output (LARGE AND SMALL) or total value of goods and services produced by industrial establishments was Tshs. 145,416 million.

The total Intermediate Consumption or cost of production was Tshs. 73,456 million.

The total Value Added was Tshs. 71,960 million.

The compensation of Employees was Tshs. 10,176 million.

The census has provided a wealth of information on the different types of industrial activities in Zanzibar.

## **CHAPTER ONE**

### **Introduction**

#### **1.1 Background**

This statistical report shows the performance of industrial sector based on 2012 Census of Industrial Production that was undertaken by the Office of the Chief Government Statistician (OCGS). The 2012 Census of Industrial Production covered industries that operated in the calendar year 2012. The statistical method and procedures used in the census followed the international recommendations and shall be applied in the future to similar statistical operations. The census was undertaken for small, medium and large establishments with size 1-4, 5-9 and 10+ persons engaged. This report gives descriptions of the methods and concepts applied in the undertaking of census as well as the results obtained thereof. The statistics reflect the contribution of the industrial sector of the economy. The frame of the census was taken from 2012 Central Register of Establishment (CRE).

The 2012 Census of Industrial Production (CIP) for Zanzibar, Tanzania is the fifth to be conducted since the establishment of the Zanzibar Statistical Office. Previous industrial censuses were conducted in 1978, 1989, 2001 and 2008. The 2012 census of industrial production was funded by the United Nations Development Programme (UNDP) and Revolutionary Government of Zanzibar (RGOZ) and received some technical support from United Nations Industrial Development Organization (UNIDO).

#### **1.2 Legal Authority**

The Census of Industrial Production was conducted under the Authority of the Statistical Act No. 9 of 2007. Under this act, the Office of Chief Government Statistician is empowered to collect statistics from various fields including industrial statistics.

#### **1.3 Main Objective**

The census aimed at producing basic industrial statistics according to UN International recommendation for industrial statistics. The overall objective of the 2012 CIP is to generalize relevant, reliable and timely industrial sector data; they are one of the major inputs

towards measuring the achievement of Zanzibar Strategy for Growth and Poverty Reduction (ZSGPR as popular known in its Swahili acronym, MKUZA). Information obtained from this survey will provide bench mark figures for other subsequent survey and for planning policy, formulation and decision making purposes.

The census was also intended to:-

- i. Collect statistics on the operating characteristics and structure of the industrial establishment of the country.
- ii. Assess and estimate the contribution of the sector to the overall economy.
- iii. Obtain data for computing National Account estimates and
- iv. Obtain data for contribution of input – output tables

#### **1.4 General Objective**

The census aimed at providing information on the economic characteristics of Zanzibar industrial sector to management policy makers, researchers, academia and the private sector among other users in planning, policy formulation or review and monitoring and evaluation of implementation of the adopted government industrial policies, programmes and strategies aimed at improving the sector.

##### **1.4.1 Specific Objectives**

- i. To assess the status of the industrial sector performance in the country in 2012.
- ii. To identify conditions that affect firm level productivity and competitiveness.
- iii. To secure inputs for use by the government and other organs in developing or review policies programmes and strategies that support sector productivity growth.
- iv. To provide private sector with facts to support dialogue with the government and other development partners, so as to enhance public - private partnership, and
- v. To update the existing data at the level of industrial establishments.

## CHAPTER TWO

### Methodology

#### 2.1 Introduction

This chapter describes and discusses the schedules of activities undertaken in conducting the 2012 Census of Industrial Production. Broadly it covers organization of the project survey methods and techniques, data collection, processing and organization of the report.

#### 2.2 Reference period

The twelve months from January to December of 2012 calendar year was used as a reference period. Those establishments that could not supply data according to calendar year due to allocation problem, they were advised to supply the data according to the financial years that covered longer part of the reference calendar year.

#### 2.3 Establishment Classifications

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 commodity associated in the production.

More over in order to ensure confidentiality of information at individual establishment level, data have been classified in 18 and 22 main industrial group of ISIC Rev.4.

#### 2.4 Unit of Inquiry

The unit of inquiry was an establishment which defined as an economic unit which engages under a single ownership or control in one or predominantly one kind of economic activity at a single physical location i.e. an individual firm, mine, factory or workshop<sup>1</sup>. However for certain firms which could not furnish separate data on an establishment basis, the enterprises was used as the unit of enquiry. It should be noted that due to record keeping practices of some firms it had not been possible in every case to strictly follow the definition of an

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<sup>1</sup>UNIDO Industrial Statistics, Guidelines and Methodology – 2010.

establishment as stated above. Therefore in a few cases, the restrictions especially on location were taken into account.

## **2.5 Scope and Coverage of the Census**

The census covered all industrial establishments with one or more workers operated in calendar year 2012. The census covered about 2201 establishments.

According to the UN International Recommendations the industrial sector is comprised of establishments engaged in “mining and quarrying” (ISIC Rev 4, Section B), “manufacturing” (ISIC Rev 4, Section C), “electric power generation transmission and distribution” (ISIC Rev 4, Section D) and “water collection, treatment and supply” (ISIC Rev 4, Section E). However, the 2012 CIP covered Section B and Section C only; this was due to the fact that section D and section E have monopoly nature of ownership. These two major activities are government owned with single entity of operation.

Manufacturing according to international recommendation is defined as the physical or chemical transformation of materials, substances or components into new products whether the work is performed by power driven machines or by hand whether it is done in a factory or in the workers home and whether the products are sold at whole sale or retail prices<sup>2</sup>. Mining and quarrying includes the extraction of minerals occurring naturally as solids, liquids or gases. Extraction can be achieved by different methods such as underground or surface mining, well operations, seabed mining etc<sup>3</sup>. As far as Zanzibar is concerned, this sector comprises of quarrying only.

## **2.6 The Questionnaire**

The questionnaire was designed according to the International Recommendations for Industrial Statistics of the United Nations and took into consideration the requirements of the stakeholders. The information collected satisfies the needs of National Account and are considered to be useful to the government, researchers and the business community. (See Annex 1). The following was the information collected through the questionnaire.

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UNIDO Industrial Statistics, Guidelines and Methodology – 2010.  
IBID

- 2.6.1. **General information:** Name address telephone principal activity and type of ownership etc.
- 2.6.2. **Employment:** Persons engaged refers to average number of employees (operatives and other employees) working proprietors and unpaid family workers.
- 2.6.3. **Labour costs:** Wages salaries benefits in kind and employers contribution to social security schemes.
- 2.6.4. **Inputs / Purchases:** Value of raw packing and chemical materials consumed cost of re-sales, services received and other cost.
- 2.6.5. **Output:** Quantity of value of principal products manufactured, sales and services rendered to other forms value of capital goods constructed by the establishment for own use and the value of subsidies received.
- 2.6.6. **Inventory of working capital:** Value of stock of materials and stores, finished products and work in progress at the beginning and at the end of the accounting year.
- 2.6.7. **Expenditure on fixed assets and depreciation:** Capital expenditure on land building and structures machinery/equipment vehicles and other fixed assets during the accounting year. Depreciation and disposals made on the respective fixed assets.

## 2.7 Response Rate

A total of 235 questionnaires of large establishments returns were received being 100 percent of all questionnaires distributed. The response rate was calculated based on all questionnaires completed and returned. But excluded those entire establishments that could not be located or closed (14 establishments were found to be closed).

## **2.8 Data collection**

Data collection was undertaken by a well trained team of 35 enumerators under the supervision of 6 supervisors.

Field work started in March 2013 and was completed by the end of April 2013. The field staffs were recruited from their respective areas. They visited the establishment and worked closely with the responsible officer and assisted in filling in the questionnaire. Respondents were asked to provide the data from their accounting records for the calendar year 2012.

## **2.9 Data processing**

Enumerators/Respondents returned completed questionnaire to OCGS, Zanzibar. They were edited and post coded accordingly.

The CSPro software was used for data entry systems, after which the data were transferred to Microsoft Access for (data cleaning) generation of tables. The cleaned dataset was then used to generate the preliminary tables as per tabulation plan.

## **2.10 Organization of the report**

The report presents the industrial statistics according to the UN recommendations (2008). The tables are grouped separately at end of the report and refer to establishments with size, 1-4, 5-9 and 10+ workers.

In total, there were 2,201 such establishments which were in operation during the reference year 2012. The report also present the main findings relating to quantitative information collected through the survey. Tables referring to such information are major findings. The tables therefore refer to the respondents only as indicated there in.

## **2.11 Limitations of the Presented Statistics**

The census contents and results have taken into account the needs of different users. However the users are here by cautioned that the census had following limitations.

- i. The census was conducted according to the International Recommendation 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 Revenue Authorities. The regular conduct of such census

would help in dissipating this fear and at the same time, improve the quality and reliability of the supplied information.

- ii. Record keeping also was a challenge to many establishments especially those with less than ten (10) persons engaged.
- iii. Many establishments could not provide detailed information for certain items such as:
  - a) Purchase of raw materials and sales from own production by main product.
  - b) Consumption of electricity water and fuels separately.
  - c) Value of stock as values of fixed asset by type
  - d) Level of stocks and assets. These and other missing data had to be estimated.
  - e) A number of establishments do not have book of accounts.
  - f) The report includes table on sales and purchases by product category. These should however be used with caution since some establishments did not report such details.
  - g) It was found that a few returned questionnaires still had certain inconsistencies which stem from insufficient understanding of the terms and concepts applied.

The above limitation; however have no serious effect on the overall quality and reliability of the census results. Statistics presented in this report reflect the current status and structure of small, medium and large establishment in Zanzibar Industrial Sector. The Government business community and other users can make good use of these results, which constitute the only available information based on International Recommendations for Industrial Statistics.

## **CHAPTER THREE**

### **Major Findings**

#### **3.1 Introduction:**

The analysis of the 2012 Zanzibar Census of Industrial Production (CIP) considered the confidentiality aspect as required by section 20 of the Statistics Act No 9 of 2007.

Referring to above, some information from individual establishment level have been grouped together by more than one group.

#### **3.2 Findings**

The 2012 CIP was done by using all establishments one or more persons engaged which operated in 2012. The analysis undertaken separately for establishments with 1 – 9 persons engaged and those with 10+ persons engaged.

##### **3.2.1 Large Industries (Establishments that Engage 10+ Persons)**

Establishments that operated in Zanzibar in 2012 with 10+ persons engaged were 235, whereby 19 of them equivalent to 8 percent were in mining and quarrying and 216 about 92 percent were in manufacturing.

#### **Ownership:**

Most of the establishments in 2012 were owned by individual proprietorship, they comprised about 119 establishments with 51 percent (9 from mining and 110 from manufacturing). Other form of ownership which is significant is corporative with 88 establishments accounting to 37 percent.

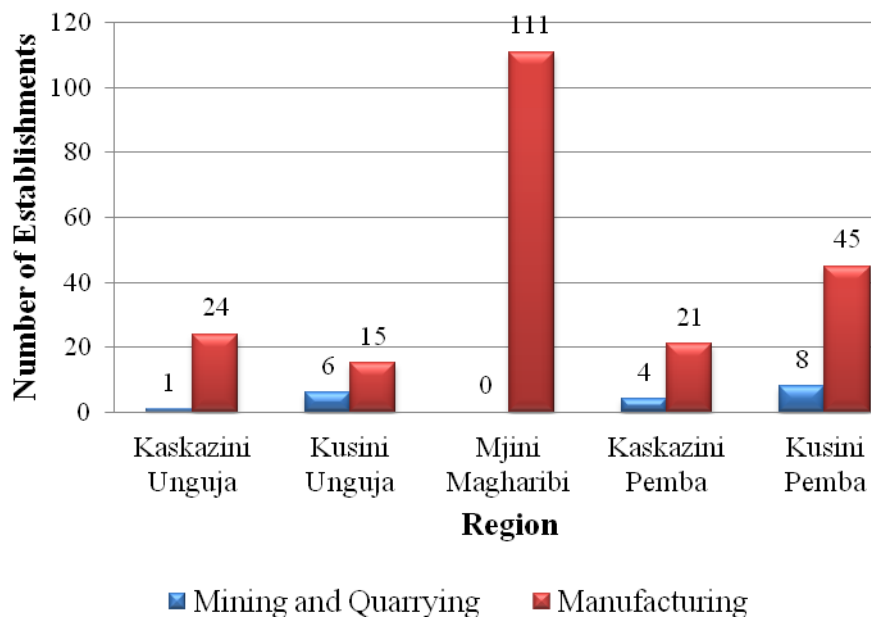
#### **Persons Engaged:**

The industrial sector in Zanzibar is mainly small and medium enterprises (SME). The results from 2012 CIP revealed that about 76 percent of the establishments that operated in Zanzibar in 2012 have 10 – 19 persons engaged, while those which engaged 100 + persons are only 2 establishments.

#### **Regional Distribution of the Establishments:**

Regional distribution of industrial establishments is not equal among regions. The concentration of establishments is illustrated in figure 3.1 below. The highest concentration is in Mjini Magharibi and the lowest is Kusini Unguja region.

**Fig 3.1: Number of Establishments by Region, Zanzibar 2012**



Concentration of manufacturing establishments was in Mjini Magharibi region while there is no mining and quarrying that operated in the region in 2012. High concentration of quarrying establishment was found in Kusini Pemba region with 42 percent.

**Nationality of Owners of Establishments:**

The foreign direct investments in the industrial sector is very marginal, it needs more efforts in-order to boost the Zanzibar economy. The results from the 2012 CIP revealed that most of the industries, about 95 percent (223 establishments) that engage 10+ persons were owned by Nationals compared to 4 percent (10 establishments) which are owned by foreigners and one establishment is owned by joint ventures.

## **Employment and Compensation of Employees:**

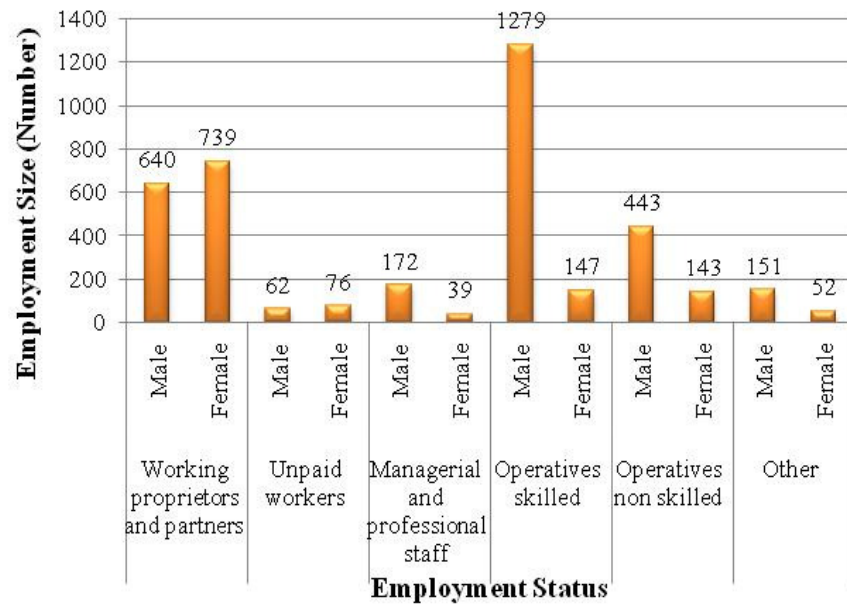
As mentioned earlier that the industrial sector in Zanzibar is mainly SME, its contribution on employment creation in the country is minimal. The 2012 CIP revealed that the persons engaged<sup>4</sup> in the industrial sector for the establishment with 10+ persons engaged were 4,280 only of whom 2,921 were male and 1,359 were female. Large share of the employment were on manufacturing sector taking 92 percent of the total and the rest in the mining and quarrying.

Distribution of employment status for mining and quarrying and manufacturing is illustrated in the graphs below. In mining and quarrying, most of persons engaged are working appropriators followed by operative skilled employees. In the manufacturing sector, the operative skilled employees are the majority making 36 percent of total persons engaged in the sector.

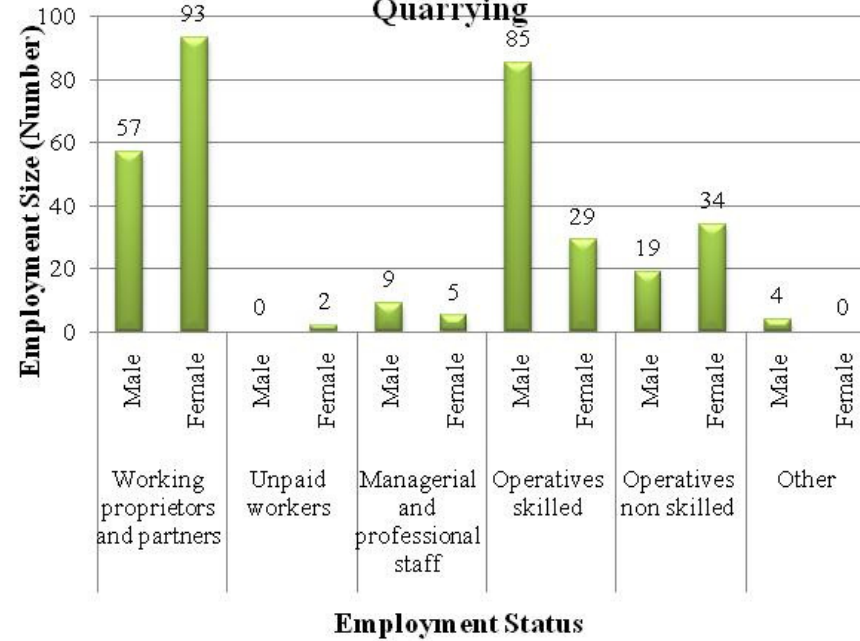
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<sup>4</sup>These are persons who work in or for the establishment. It includes working proprietors and partners, unpaid workers, managerial and professional staff, operatives and other employees.

**Fig 3.2: Employment Status for Manufacturing**



**Fig 3.3: Employment Status for Mining and Quarrying**



### **Compensation of Employees:**

Compensation of employees plays an important role in giving harmony at work place, and motivates workers to increase production. According to the 2012 Zanzibar CIP results, the compensation of employees paid by industries amounted to about TZS 5,267 million. The amount includes gross wages and salaries, overtime payments in kind, refund for travelling and employees contribution to the ZSSF (10 percent of employers' contribution).

### **Gross Output:**

The gross output of goods and services produced in the industrial sector in 2012 from establishments with 10+ persons engaged was TZS 70,680 million. This is equivalent to 48.6 percent of total gross output produced in the industrial sector for same year which amounted to TZS 145,416 million.

The census results showed that the main consumer of gross outputs produced in the industrial sector is local markets. This contributed to about 94 percent of production. The exported portion of the gross output was 5 percent only.

The intermediate consumption (total cost of production) covers non-durable goods and services used up in production, including repairs and maintenance of the capital stock, research and direct outlays on financing of capital formation such as transfer costs involved in purchases of land and intangible assets. The value of intermediate consumption for the industrial sector in 2012 was TZS 38,661 million equivalent to 98 percent of the cost of the raw materials consumed. Although much of the production (94 percent) was internal consumed, about 38 percent (TZS 14,960 million) of raw material was imported. Services (industrial and non-industrial) consumed TZS 1,900 million, whereby TZS 1,162 million were industrial services. Consumption of utility (electricity, water and fuel) was TZS 3,269 million.

Value added measures the contribution of the industrial sector to GDP. It is obtained by deducing intermediate consumption from the gross output. The 2012 CIP results indicated that the value added generated from the sector was TZS 31,580 million of which TZS 5,268 million paid as compensation of employees; TZS 46.7 million paid as taxes on production (less subsidies) to the government. These results the gross operating surplus (gross profit) of TZS 27,365 million representing 87 percent of the value added.

**Operating Ratio:** the results from the 2012 CIP revealed that value added to gross output ratio was 45 percent. The ratio for mining sector was 51 percent and for the manufacturing was 44 percent.

The highest ratio in the manufacturing sector was manufacturer of other fabricated metal products; metal working services activities amounted to 90 percent.

The average gross output per establishment was TZS 300.7 million, the average output per person engaged stood at TZS 16.5 million. The corresponding figures for manufacturing and mining and quarrying were TZS 7,046 and TZS 289 million respectively.

### **3.2.2 Small Establishments with Persons Engaged Less than 10**

The 2012 Zanzibar CIP dealt with not only establishments that engaged more than 10 persons, but it also took into consideration the establishments with less than ten persons engaged.

#### **Response rate:**

According to Central Register of Establishment (CRE), there were about 2,142 small establishments that engaged in industrial activities (mining and quarrying, and manufacturing). During the enumeration it was found that 166 establishment were either no longer engaged in industrial activities or were closed. The response rate for the small establishment in the 2012 Zanzibar CIP was 99.5 percent, of which total of 1,976 questionnaires were distributed but only 1,966 questionnaires returned despite efforts for follow-up made by enumerators.

Establishments that operated in Zanzibar in 2012 with less than ten persons engages were 1,966, whereby 30 of them equivalent to 1.5 percent were in mining and quarrying and 1,936 about 98.5 percent were in manufacturing.

#### **Ownership:**

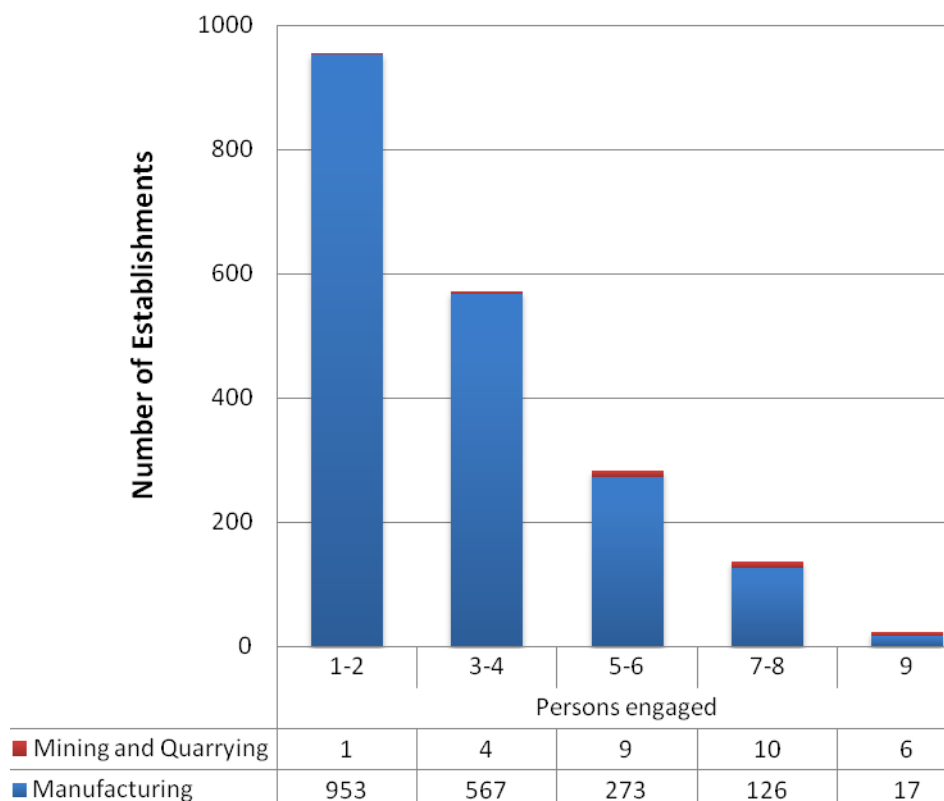
The analysis of 2012 Zanzibar CIP for the establishments with persons engaged less than 10 showed that there were 1,751 establishment equivalents to 89 percent owned by individuals, followed by those owned by the cooperatives accounting to 8 percent. For the mining and quarrying there were only two owners, individual proprietorship (53 percent) and cooperatives (47 percent). There were only one company, manufacture of other transport equipment, which had private ownership.

#### **Persons Engaged:**

The results from 2012 CIP revealed that for the establishments with less than ten persons engaged, number of establishment decreases as the number of persons engaged increased. The decrease rates

were 40 percent from establishments with 1-2 to 3-4 persons engaged; 51 percent from the establishments with 3-4 to 5-6 persons engaged; 52 percent from the establishments with 5-6 to 7-8 persons engaged and 83 percent from the establishments with 7-8 to 9 persons engaged. Number of establishments by persons engaged is illustrated in the figure below.

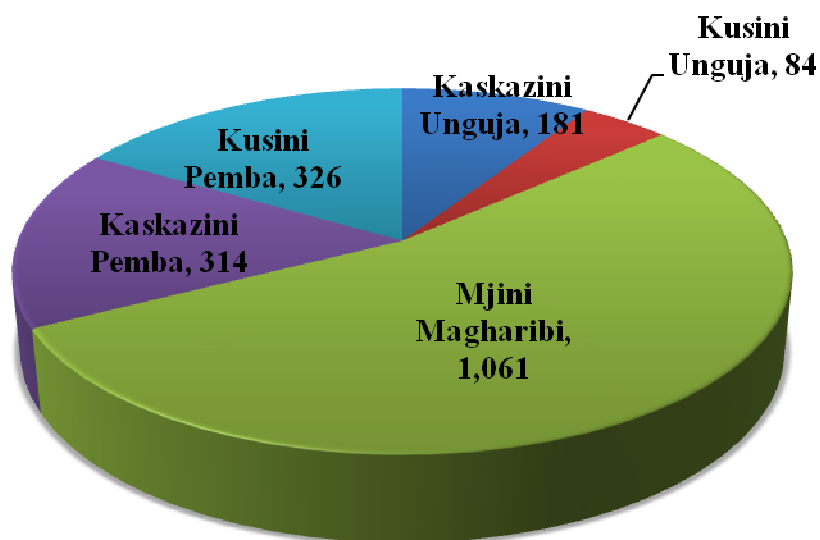
**Fig 3.4: Number of Establishments by Persons Engaged, Zanzibar 2012**



**Regional Distribution of the Establishments**

Regional distribution of small scale industrial establishments is not different from the large scale with more than 10 persons engaged. The highest concentration is in Mjini Magharibi and the lowest is Kusini Unguja region. The mining and quarrying establishment can be found in Pemba regions only.

**Fig 3.5: Number of Establishments by Region, Zanzibar 2012**



### **Nationality of Owners of Establishments**

The distribution of nationality of the owners of establishments resembles that of the large scale industries. The results from the 2012 CIP revealed that most of the industries, about 99.7 percent (1,961 establishments) that were owned by Nationals compared to 0.2 percent (4 establishments) which are owned by foreigners and one establishment contributing 0.1 percent was owned by joint ventures.

### **Employment and Compensation of Employees**

As mentioned earlier that the industrial sector in Zanzibar is mainly SME, its contribution on employment creation in the country is minimal. The 2012 CIP revealed that the persons engaged in the industrial sector for small establishments were 6,147 of whom 5983 were male and 437 were female. Large share of the employment were on manufacturing sector taking 98 percent of the total and the rest in the mining and quarrying.

## **Compensation of Employees**

Compensation of employees plays an important role in giving harmony at work place, and motivates workers to increase production. According to the 2012 Zanzibar CIP results, the compensation of employees paid amounted to about TZS 5,040 million. The amount includes gross wages and salaries, overtime payments in kind, refund for travelling and employees contribution to the ZSSF (10 percent of employers' contribution).

## **Gross Output**

The gross output of goods and services produced in the industrial sector in 2012 from establishments with less than 10 persons engaged was TZS 74,736 million.

The intermediate consumption (total cost of production) covers non-durable goods and services used up in production, including repairs and maintenance of the capital stock, research and direct outlays on financing of capital formation such as transfer costs involved in purchases of land and intangible assets. The value of intermediate consumption for the for establishments with less than 10 persons engaged in 2012 was TZS 34,357 million.

Value added measures the contribution of the industrial sector to GDP. It is obtained by deducing intermediate consumption from the gross output. The 2012 CIP results indicated that the value added generated from the sector was TZS 40,380 million of which TZS 5,040 million paid as compensation of employees; TZS 101 million paid as taxes on production (less subsidies) to the government. These results the gross operating surplus (gross profit) of TZS 35,239 million.

**Operating Ratio:** the results from the 2012 CIP revealed that value added to gross output ratio was 54 percent for small establishments. The ratio for mining sector was 79 percent and for the manufacturing was 54 percent. The highest ratio in the manufacturing sector was manufacturer of manufacturing of chemical and chemical products amounted to 89 percent.

The average gross output per establishment was TZS 38 million, the average output per person engaged stood at TZS 12 million. The corresponding figures for manufacturing and mining and quarrying were TZS 38.5 and TZS 12.5 million respectively.

**CHAPTER FOUR**  
**TABLES AND FIGURES**

**Part one:**

**Large Industrial Establishments 10+ workers**

**Table 1: Production Account by Individual Establishment (ISIC R4),2012 {All Industries (Tshs. '000')}**

ISIC REV 4	Descriptions	Number of Establishment	Person Engaged	Gross Output	Intermediate Consumption	Value Added (Basic prices)	Compensation of Employees	Taxes on Production Less subsidies	Gross Operating Surplus
08	Other mining and quarrying	49	530	2,839,113	1,335,491	1,503,623	238,118	2,976	1,262,529
<b>B</b>	<b>Mining and Quarrying</b>	<b>49</b>	<b>530</b>	<b>2,839,113</b>	<b>1,335,491</b>	<b>1,503,623</b>	<b>238,118</b>	<b>2,976</b>	<b>1,262,529</b>
10	Manufacture of food products	228	1,535	47,714,142	29,465,563	18,248,578	2,116,869	28,137	16,103,572
13	Manufacture of textiles	20	194	325,757	110,845	214,912	39,290	465	175,157
14	Manufacture of wearing apparel	628	1,870	7,428,944	1,640,226	5,788,717	1,041,922	32,690	4,714,106
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	12	69	327,860	119,203	208,657	38,359	516	169,782
18	Printing and reproduction of recorded media	8	194	2,469,717	1,010,762	1,458,955	570,048	6,595	882,312
20	Manufacture of chemicals and chemical products	23	558	4,060,390	1,658,537	2,401,853	649,816	3,563	1,748,473
23	Manufacture of other non-metallic mineral products	175	1,305	26,732,907	14,067,365	12,665,542	1,834,121	19,364	10,812,056
24	Manufacture of basic metals	7	29	228,425	147,481	80,944	16,625	335	63,985
25	Manufacture of fabricated metal products, except machinery and equipment	212	916	12,375,399	2,948,941	9,426,457	968,018	12,898	8,445,541
30	Manufacture of other transport equipment	796	3,079	39,219,838	19,634,523	19,585,315	2,531,911	35,850	17,017,554
32	Other manufacturing	43	148	1,694,020	1,317,419	376,601	130,980	4,344	241,277
<b>C</b>	<b>Manufacturing</b>	<b>2,152</b>	<b>9,897</b>	<b>142,577,397</b>	<b>72,120,867</b>	<b>70,456,531</b>	<b>9,937,960</b>	<b>144,757</b>	<b>60,373,814</b>
	<b>Total</b>	<b>2,201</b>	<b>10,427</b>	<b>145,416,510</b>	<b>73,456,357</b>	<b>71,960,153</b>	<b>10,176,078</b>	<b>147,733</b>	<b>61,636,343</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 2: Challenges Encountered by Responding Establishments by Industrial Activity (ISIC R4)-Industrial Sector, 2012**

ISIC REV 4	Descriptions	Number of Establishment	Challenges																		
			Insufficient demand	Shortage of raw materials	High taxes	Insufficient production capacity	Shortage of qualified labor	Lack of equipment	Transport problems	Insufficient production area	Inadequate supply of electricity	Economic environment	High cost of production	Financial problems	Foreign Currency	Inflation	Depreciation of currency	Illegal import	Inadequate water supply	Lack feasibility study	Others
08	Other mining and quarrying	19	14	3	-	3	1	5	3	2	2	-	-	7	-	-	-	-	-	-	3
<b>B</b>	<b>Mining and Quarrying</b>	<b>19</b>	<b>14</b>	<b>3</b>	<b>-</b>	<b>3</b>	<b>1</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3</b>
10	Manufacture of food products	44	17	7	8	6	5	5	6	5	13	1	8	13	2	12	4	-	2	1	10
13	Manufacture of textiles	8	4	2	-	2	3	3	1	1	2	-	1	3	-	-	-	-	-	-	2
14	Manufacture of wearing apparel	34	17	13	4	4	8	5	5	5	2	5	3	24	1	3	3	1	1	1	15
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
18	Printing and reproduction of recorded media	3	2	1	-	1	2	2	2	1	3	1	3	2	2	-	1	-	-	2	-
20	Manufacture of chemicals and chemical products	16	7	4	2	4	3	2	3	3	4	1	5	8	2	1	-	1	3	1	6
23	Manufacture of other non-metallic mineral products	48	25	9	5	6	1	7	4	3	18	2	12	23	1	13	2	2	7	1	14
25	Manufacture of fabricated metal products, except machinery and equipment	15	4	6	3	1	1	2	1	2	2	1	3	7	-	-	-	-	-	1	4
30	Manufacture of other transport equipment	44	24	26	9	4	4	10	5	5	14	4	9	23	-	9	5	-	-	2	14
32	Other manufacturing	3	3	1	1	1	2	2	-	-	-	-	1	2	-	1	-	-	-	1	-
<b>C</b>	<b>Manufacturing</b>	<b>216</b>	<b>103</b>	<b>70</b>	<b>32</b>	<b>29</b>	<b>29</b>	<b>38</b>	<b>27</b>	<b>25</b>	<b>59</b>	<b>15</b>	<b>45</b>	<b>105</b>	<b>8</b>	<b>39</b>	<b>15</b>	<b>4</b>	<b>13</b>	<b>10</b>	<b>65</b>
	<b>Total</b>	<b>235</b>	<b>117</b>	<b>73</b>	<b>32</b>	<b>32</b>	<b>30</b>	<b>43</b>	<b>30</b>	<b>27</b>	<b>61</b>	<b>15</b>	<b>45</b>	<b>112</b>	<b>8</b>	<b>39</b>	<b>15</b>	<b>4</b>	<b>13</b>	<b>10</b>	<b>68</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 3: Number of Establishments by Activity and Form of Ownership (ISIC R4),2012**

ISIC REV 4	Descriptions	Form of Ownership								Total
		Individual proprietorship	Partnership	Public	Parastatal	Cooperative	Private company	Private limited company	Other	
08	Other mining and quarrying	9	1	2	-	7	-	-	-	19
<b>B</b>	<b>Mining and Quarrying</b>	9	1	2	-	7	-	-	-	19
10	Manufacture of food products	30	2	-	-	10	1	1	-	44
13	Manufacture of textiles	1	1	-	-	6	-	-	-	8
14	Manufacture of wearing apparel	7	-	1	-	23	-	2	1	34
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	1	-	-	-	-	-	-	-	1
18	Printing and reproduction of recorded media	-	-	1	-	-	-	2	-	3
20	Manufacture of chemicals and chemical products	2	-	1	-	11	-	2	-	16
23	Manufacture of other non-metallic mineral products	41	-	-	1	6	-	-	-	48
25	Manufacture of fabricated metal products, except machinery and equipment	8	2	-	-	3	-	1	1	15
30	Manufacture of other transport equipment	20	1	3	-	19	-	1	-	44
32	Other manufacturing	-	-	-	-	3	-	-	-	3
<b>C</b>	<b>Manufacturing</b>	<b>110</b>	<b>6</b>	<b>6</b>	<b>1</b>	<b>81</b>	<b>1</b>	<b>9</b>	<b>2</b>	<b>216</b>
	<b>Total</b>	<b>119</b>	<b>7</b>	<b>8</b>	<b>1</b>	<b>88</b>	<b>1</b>	<b>9</b>	<b>2</b>	<b>235</b>

*Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.*

**Table 4: Number of Establishments by Activity and Employment Size (ISIC R4),2012**

ISIC REV 4	Descriptions	Persons Engaged						Total
		< 10	10-19	20-49	50-99	100-499	500+	
08	Other mining and quarrying	-	12	7	-	-	-	19
<b>B</b>	<b>Mining and Quarrying</b>	-	<b>12</b>	<b>7</b>	-	-	-	<b>19</b>
10	Manufacture of food products	-	37	3	4	-	-	44
13	Manufacture of textiles	-	6	2	-	-	-	8
14	Manufacture of wearing apparel	-	23	10	1	-	-	34
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	-	1	-	-	-	-	1
18	Printing and reproduction of recorded media	-	-	2	-	1	-	3
20	Manufacture of chemicals and chemical products	-	7	8	-	1	-	16
23	Manufacture of other non-metallic mineral products	-	42	6	-	-	-	48
25	Manufacture of fabricated metal products, except machinery and equipment	-	13	2	-	-	-	15
30	Manufacture of other transport equipment	-	35	7	2	-	-	44
32	Other manufacturing	-	2	1	-	-	-	3
<b>C</b>	<b>Manufacturing</b>	-	<b>166</b>	<b>41</b>	<b>7</b>	<b>2</b>	-	<b>216</b>
	<b>Total</b>	-	<b>178</b>	<b>48</b>	<b>7</b>	<b>2</b>	-	<b>235</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 5: Detailed Intermediate Consumption by Industrial Activity (ISIC R4), 2012**

ISIC REV 4	Descriptions	Raw Material and supplies		Electricity, water & fuel	Industrial Services Consumed	Non Industrial Services Consumed	Change in Stock	Total Intermediate
		Imported	Local					
08	Other mining and quarrying	124,800	434,172	550,608	28,670	154,277	422	1,292,105
<b>B</b>	<b>Mining and Quarrying</b>	<b>124,800</b>	<b>434,172</b>	<b>550,608</b>	<b>28,670</b>	<b>154,277</b>	<b>422</b>	<b>1,292,105</b>
10	Manufacture of food products	14,746,507	11,782,718	1,545,040	1,004,558	183,331	4,342,999	24,919,156
13	Manufacture of textiles	-	40,978	743	15	2,089	910	42,915
14	Manufacture of wearing apparel	35,100	204,479	19,377	2,158	55,641	(60,377)	377,132
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	-	72,000	1,960	200	-	5,000	69,160
18	Printing and reproduction of recorded media	-	757,302	110,751	4,681	69,782	39,020	903,497
20	Manufacture of chemicals and chemical products	-	1,612,083	225,174	46,524	108,415	358,642	1,633,554
23	Manufacture of other non-metallic mineral products	-	5,967,582	682,368	14,445	37,699	2,410	6,699,684
25	Manufacture of fabricated metal products, except machinery and equipment	53,686	309,450	20,432	25,787	17,909	9,450	417,814
30	Manufacture of other transport equipment	249	2,513,390	111,130	35,428	108,106	31,458	2,736,844
32	Other manufacturing	-	6,078	1,246	-	667	55	7,936
<b>C</b>	<b>Manufacturing</b>	<b>14,835,542</b>	<b>23,266,061</b>	<b>2,718,222</b>	<b>1,133,796</b>	<b>583,638</b>	<b>4,729,567</b>	<b>37,807,691</b>
	<b>Total</b>	<b>14,960,342</b>	<b>23,700,233</b>	<b>3,268,830</b>	<b>1,162,466</b>	<b>737,915</b>	<b>4,729,989</b>	<b>39,099,796</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 6: Number of Person Engaged by Activity (ISIC R4),2012**

ISIC REV 4	Descriptions	Number of persons engaged (Tanzania)		Number of persons engaged (Foreign )		Total Persons Engaged		Number of persons engaged (Tanzania)		Number of persons engaged (Foreign )		Total Persons Engaged	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
		08	Other mining and quarrying	167	150	-	-	167	150	174	163	-	-
<b>B</b>	<b>Mining and Quarrying</b>	<b>167</b>	<b>150</b>	<b>-</b>	<b>-</b>	<b>167</b>	<b>150</b>	<b>174</b>	<b>163</b>	<b>-</b>	<b>-</b>	<b>174</b>	<b>163</b>
10	Manufacture of food products	642	186	7	1	649	187	643	186	7	1	650	187
13	Manufacture of textiles	38	113	-	-	38	113	32	113	-	-	32	113
14	Manufacture of wearing apparel	171	444	2	-	173	444	166	433	2	-	168	433
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	12	-	-	-	12	-	16	-	-	-	16	-
18	Printing and reproduction of recorded media	94	74	15	-	109	74	88	74	12	-	100	74
20	Manufacture of chemicals and chemical products	228	269	4	-	232	269	235	272	7	-	242	272
23	Manufacture of other non-metallic mineral products	603	73	-	-	603	73	601	73	-	-	601	73
25	Manufacture of fabricated metal products, except machinery and equipment	200	-	2	-	202	-	200	-	2	-	202	-
30	Manufacture of other transport equipment	672	51	5	-	677	51	673	53	4	-	677	53
32	Other manufacturing	24	26	-	-	24	26	24	26	-	-	24	26
<b>C</b>	<b>Manufacturing</b>	<b>2,684</b>	<b>1,236</b>	<b>35</b>	<b>1</b>	<b>2,719</b>	<b>1,237</b>	<b>2,678</b>	<b>1,230</b>	<b>34</b>	<b>1</b>	<b>2,712</b>	<b>1,231</b>
	<b>Total</b>	<b>2,851</b>	<b>1,386</b>	<b>35</b>	<b>1</b>	<b>2,886</b>	<b>1,387</b>	<b>2,852</b>	<b>1,393</b>	<b>34</b>	<b>1</b>	<b>2,886</b>	<b>1,394</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 7: Number of Person Engaged by Activity ( ISIC R4),2012**

ISIC REV 4	Descriptions	Number of persons engaged (Tanzania)		Number of persons engaged (Foreign )		Total Persons Engaged		Number of persons engaged (Tanzania)		Number of persons engaged (Foreign )		Total Persons Engaged	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
08	Other mining and quarrying	167	150	-	-	167	150	174	163	-	-	174	163
<b>B</b>	<b>Mining and Quarrying</b>	<b>167</b>	<b>150</b>	<b>-</b>	<b>-</b>	<b>167</b>	<b>150</b>	<b>174</b>	<b>163</b>	<b>-</b>	<b>-</b>	<b>174</b>	<b>163</b>
10	Manufacture of food products	642	186	7	1	649	187	643	186	7	1	650	187
13	Manufacture of textiles	38	113	-	-	38	113	32	113	-	-	32	113
14	Manufacture of wearing apparel	171	444	2	-	173	444	166	433	2	-	168	433
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	12	-	-	-	12	-	16	-	-	-	16	-
18	Printing and reproduction of recorded media	94	74	15	-	109	74	88	74	12	-	100	74
20	Manufacture of chemicals and chemical products	228	269	4	-	232	269	235	272	7	-	242	272
23	Manufacture of other non-metallic mineral products	603	73	-	-	603	73	601	73	-	-	601	73
25	Manufacture of fabricated metal products, except machinery and equipment	200	-	2	-	202	-	200	-	2	-	202	-
30	Manufacture of other transport equipment	672	51	5	-	677	51	673	53	4	-	677	53
32	Other manufacturing	24	26	-	-	24	26	24	26	-	-	24	26
<b>C</b>	<b>Manufacturing</b>	<b>2,684</b>	<b>1,236</b>	<b>35</b>	<b>1</b>	<b>2,719</b>	<b>1,237</b>	<b>2,678</b>	<b>1,230</b>	<b>34</b>	<b>1</b>	<b>2,712</b>	<b>1,231</b>
	<b>Total</b>	<b>2,851</b>	<b>1,386</b>	<b>35</b>	<b>1</b>	<b>2,886</b>	<b>1,387</b>	<b>2,852</b>	<b>1,393</b>	<b>34</b>	<b>1</b>	<b>2,886</b>	<b>1,394</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 8: Number of Person Employed by Activity (ISIC R4),2012**

ISIC REV 4	Descriptions	Working proprietors and partners		Unpaid workers		Managerial and professional staff		Operatives - skilled		Operatives - non skilled		Other		Grand Total Persons Employed		Total Persons Employed
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
08	Other mining and quarrying	57	93	-	2	9	5	85	29	19	34	4	-	174	163	337
<b>B</b>	<b>Mining and Quarrying</b>	<b>57</b>	<b>93</b>	<b>-</b>	<b>2</b>	<b>9</b>	<b>5</b>	<b>85</b>	<b>29</b>	<b>19</b>	<b>34</b>	<b>4</b>	<b>-</b>	<b>174</b>	<b>163</b>	<b>337</b>
10	Manufacture of food products	54	75	16	2	39	6	347	22	151	74	43	8	650	187	837
13	Manufacture of textiles	35	85	-	-	-	-	15	10	-	-	-	-	50	95	145
14	Manufacture of wearing apparel	104	324	46	58	2	4	29	10	2	15	-	7	183	418	601
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	-	-	-	-	-	-	4	-	12	-	-	-	16	-	16
18	Printing and reproduction of recorded media	1	-	-	-	23	15	54	48	11	11	11	-	100	74	174
20	Manufacture of chemicals and chemical products	42	196	-	-	7	7	50	39	137	17	6	13	242	272	514
23	Manufacture of other non-metallic mineral products	61	28	-	-	41	4	395	14	84	26	21	-	602	72	674
25	Manufacture of fabricated metal products, except machinery and equipment	45	-	-	-	27	-	111	-	16	-	3	-	202	-	202
30	Manufacture of other transport equipment	274	5	-	16	33	3	274	4	30	-	67	24	678	52	730
32	Other manufacturing	24	26	-	-	-	-	-	-	-	-	-	-	24	26	50
<b>C</b>	<b>Manufacturing</b>	<b>640</b>	<b>739</b>	<b>62</b>	<b>76</b>	<b>172</b>	<b>39</b>	<b>1,279</b>	<b>147</b>	<b>443</b>	<b>143</b>	<b>151</b>	<b>52</b>	<b>2,747</b>	<b>1,196</b>	<b>3,943</b>
	<b>Total</b>	<b>697</b>	<b>832</b>	<b>62</b>	<b>78</b>	<b>181</b>	<b>44</b>	<b>1,364</b>	<b>176</b>	<b>462</b>	<b>177</b>	<b>155</b>	<b>52</b>	<b>2,921</b>	<b>1,359</b>	<b>4,280</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 9: Components of Gross Output by Industrial Activity (ISIC R4), 2012 (Tshs. '000')**

ISIC REV 4	Descriptions	Local market	Exports	Change in Stock	Industrial Services	Non-industrial services consumed	Other	Cost of goods sold as purchased	Total Gross
08	Other mining and quarrying	2,621,600	-	11,790	550	-	280	-	2,634,220
<b>B</b>	<b>Mining and Quarrying</b>	<b>2,621,600</b>	<b>-</b>	<b>11,790</b>	<b>550</b>	<b>-</b>	<b>280</b>	<b>-</b>	<b>2,634,220</b>
10	Manufacture of food products	39,266,901	196,560	464,133	94,754	9,043,746	5,500	9,609,582	39,462,012
13	Manufacture of textiles	129,580	-	55	1,350	-	50	-	131,035
14	Manufacture of wearing apparel	1,421,919	-	723,568	16,147	350	278,322	400	2,439,906
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	115,200	-	2,000	-	-	-	-	117,200
18	Printing and reproduction of recorded media	1,959,998	-	(2,701)	113,444	150,000	-	105,000	2,115,741
20	Manufacture of chemicals and chemical products	686,423	3,077,987	(7,853)	-	103,873	9,000	36,467	3,832,963
23	Manufacture of other non-metallic mineral products	11,408,024	-	(21,489)	360	50,500	500	62,220	10,970,676
25	Manufacture of fabricated metal products, except machinery and equipment	3,486,847	-	(9,087)	450	75	9,000	150	3,487,135
30	Manufacture of other transport equipment	5,021,010	412,267	15,291	56,762	3,220	300	2,000	5,445,070
32	Other manufacturing	44,726	-	(340)	-	-	-	-	44,386
<b>C</b>	<b>Manufacturing</b>	<b>63,540,628</b>	<b>3,686,815</b>	<b>1,163,578</b>	<b>283,267</b>	<b>9,351,763</b>	<b>302,672</b>	<b>9,815,819</b>	<b>68,046,124</b>
	<b>Total</b>	<b>66,162,228</b>	<b>3,686,815</b>	<b>1,175,368</b>	<b>283,817</b>	<b>9,351,763</b>	<b>302,952</b>	<b>9,815,819</b>	<b>70,680,344</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 10: Stocks Held by Industrial Activity (Tshs. '000')**

ISIC REV 4	Descriptions	At the Beginning					At the End				
		Materials and supplies	Work in progress	Finished products	Goods purchased for resale	Total	Materials and supplies	Work in progress	Finished products	Goods purchased for resale	Total
08	Other mining and quarrying	2,740	-	3,450	-	6,190	3,162	-	15,240	-	18,402
<b>B</b>	<b>Mining and Quarrying</b>	<b>2,740</b>	<b>-</b>	<b>3,450</b>	<b>-</b>	<b>6,190</b>	<b>3,162</b>	<b>-</b>	<b>15,240</b>	<b>-</b>	<b>18,402</b>
10	Manufacture of food products	19,338	7,420	243,132	51,205	321,095	4,591,838	27,016	193,940	566,013	5,378,807
11	Manufacture of beverages	643,658	-	159,545	-	803,203	414,557	-	142,416	-	556,973
12	Manufacture of tobacco products	900	1,800	6,000	-	8,700	500	450	3,400	-	4,350
13	Manufacture of textiles	750	710	115	-	1,575	1,660	560	320	-	2,540
14	Manufacture of wearing apparel	132,599	44,125	53,532	15,100	245,356	72,072	33,015	411,710	391,650	908,447
15	Manufacture of leather and related products	150	-	50	-	200	300	-	-	-	300
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	1,000	12,000	-	-	13,000	6,000	14,000	-	-	20,000
<b>18</b>	<b>Printing and reproduction of recorded media</b>	<b>44,430</b>	<b>500</b>	<b>1,000</b>	<b>-</b>	<b>45,930</b>	<b>83,450</b>	<b>500</b>	<b>2,000</b>	<b>-</b>	<b>85,950</b>
20	Manufacture of chemicals and chemical products	169	200	5,600	-	5,969	402,976	2,000	382	-	405,358
22	Manufacture of rubber and plastics products	388,872	-	16,271	-	405,143	344,707	-	11,836	-	356,543
23	Manufacture of other non-metallic mineral products	27,465	10,000	36,281	17,000	90,746	29,175	1,900	41,160	4,000	76,235
25	Manufacture of fabricated metal products, except machinery and equipment	8,750	6,099	16,830	-	31,679	18,180	5,942	7,900	-	32,022
30	Manufacture of other transport equipment	9,000	-	16,500	-	25,500	2,000	-	33,000	-	35,000
31	Manufacture of furniture	55,862	34,704	69,085	20,000	179,651	93,820	41,627	71,153	10,200	216,799
320	Other manufacturing	700	400	1,550	-	2,650	755	585	1,025	-	2,365
<b>C</b>	<b>Manufacturing</b>	<b>1,333,642</b>	<b>117,958</b>	<b>625,490</b>	<b>103,305</b>	<b>2,180,395</b>	<b>6,061,989</b>	<b>127,595</b>	<b>920,242</b>	<b>971,863</b>	<b>8,081,689</b>
	<b>Total</b>	<b>1,336,382</b>	<b>117,958</b>	<b>628,940</b>	<b>103,305</b>	<b>2,186,585</b>	<b>6,065,151</b>	<b>127,595</b>	<b>935,482</b>	<b>971,863</b>	<b>8,100,091</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 11: Production Account by Individual Establishment (ISIC R4),2012 (Tshs. '000')**

ISIC RE V 4	Descriptions	Number of Establishmen t	Person Engage d	Gross Output	Intermediate Consumptio n	Value Added (Basic prices)	Compensatio n of Employees	Taxes on Productio n Less subsidies	Gross Operating Surplus
08	Other mining and quarrying	19	337	2,634,220	1,292,105	1,342,115	240,507	2,510	1,099,098
<b>B</b>	<b>Mining and Quarrying</b>	<b>19</b>	<b>337</b>	<b>2,634,220</b>	<b>1,292,105</b>	<b>1,342,115</b>	<b>240,507</b>	<b>2,510</b>	<b>1,099,098</b>
10	Manufacture of food products	44	837	39,462,01 2	24,919,156	14,542,85 6	1,530,956	17,041	12,994,85 9
13	Manufacture of textiles	8	145	131,035	42,915	88,120	22,240	160	65,720
14	Manufacture of wearing apparel	34	601	2,439,906	377,132	2,062,773	103,104	4,421	1,955,249
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	1	16	117,200	69,160	48,040	5,299	300	42,441
18	Printing and reproduction of recorded media	3	174	2,115,741	903,497	1,212,245	557,828	6,000	648,416
20	Manufacture of chemicals and chemical products	16	514	3,832,963	1,633,554	2,199,409	627,670	2,583	1,569,156
23	Manufacture of other non-metallic mineral products	48	674	10,970,67 6	6,699,684	4,270,991	994,784	7,020	3,269,187
25	Manufacture of fabricated metal products, except machinery and equipment	15	202	3,487,135	417,814	3,069,321	257,080	760	2,811,481
30	Manufacture of other transport equipment	44	730	5,445,070	2,736,844	2,708,226	814,677	5,851	1,887,698
32	Other manufacturing	3	50	44,386	7,936	36,451	9,000	350	27,101
<b>C</b>	<b>Manufacturing</b>	<b>216</b>	<b>3,943</b>	<b>68,046,12 4</b>	<b>37,807,691</b>	<b>30,238,43 3</b>	<b>5,027,015</b>	<b>44,486</b>	<b>25,166,93 2</b>
	<b>Total</b>	<b>235</b>	<b>4,280</b>	<b>70,680,34 4</b>	<b>39,099,796</b>	<b>31,580,54 8</b>	<b>5,267,521</b>	<b>46,996</b>	<b>27,365,12 8</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 12: Principal Indicators by Industrial Activity (ISIC R4),2012 (Tshs. '000')**

ISIC REV 4	Descriptions	Number of Establishment	Gross Output per Establishment	Gross Output per Workers	Value Added as a per cent of GO	Value Added per Establishment	Value Added per Workers	Compensation of Employees	
								Per employee per month	As a per cent of VA
08	Other mining and quarrying	19	207,026	11,398	51	107,013	5,906	59	17.9
<b>B</b>	<b>Mining and Quarrying</b>	<b>19</b>	<b>207,026</b>	<b>11,398</b>	<b>51</b>	<b>107,013</b>	<b>5,906</b>	<b>59</b>	<b>17.9</b>
10	Manufacture of food products	44	896,864	47,147	36.85	330,519	17,375	185	10.53
13	Manufacture of textiles	8	16,379	904	67.25	11,015	608	74	25.24
14	Manufacture of wearing apparel	34	71,762	4,060	84.54	60,670	3,432	125	5.00
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	1	117,200	7,325	40.99	48,040	3,003	28	11.03
18	Printing and reproduction of recorded media	3	705,247	12,159	57.30	404,082	6,967	269	46.02
20	Manufacture of chemicals and chemical products	16	239,560	7,457	57.38	137,463	4,279	190	28.54
23	Manufacture of other non-metallic mineral products	48	228,556	16,277	38.93	88,979	6,337	142	23.29
25	Manufacture of fabricated metal products, except machinery and equipment	15	232,476	17,263	88.02	204,621	15,195	136	8.38
30	Manufacture of other transport equipment	44	123,752	7,459	49.74	61,551	3,710	156	30.08
32	Other manufacturing	3	14,795	888	82.12	12,150	729		24.69
<b>C</b>	<b>Manufacturing</b>	<b>216</b>	<b>7,046,847</b>	<b>289,031</b>	<b>44.44</b>	<b>3,225,741</b>	<b>134,111</b>	<b>106</b>	<b>16.3</b>
	<b>Total</b>	<b>235</b>	<b>300,767</b>	<b>16,514</b>	<b>44.68</b>	<b>134,385</b>	<b>1,200</b>	<b>168</b>	<b>16.68</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 13: Principal Indicators by Industrial Activity (ISIC R4),2012(Tshs. '000')**

ISIC REV 4	Descriptions	Number of Establishment	Total person engaged		Total person employed	Gross Output		Value Added (Basic prices)		Compensation of Employees	
			Number	Per cent	Number	Value	per cent	Value	per cent	Value	per cent
08	Other mining and quarrying	19	337	8	185	2,634,220	4	1,342,115	4	213,039	4.6
<b>B</b>	<b>Mining and Quarrying</b>	<b>19</b>	<b>337</b>	<b>8</b>	<b>185</b>	<b>2,634,220</b>	<b>4</b>	<b>1,342,115</b>	<b>4</b>	<b>240,507</b>	<b>4.6</b>
10	Manufacture of food products	44	837	19.6	690	39,462,012	55.8	14,542,856	46.1	1,530,956	29.8
13	Manufacture of textiles	8	145	3.4	25	131,035	0.2	88,120	0.3	22,240	0.4
14	Manufacture of wearing apparel	34	601	14.0	69	2,439,906	3.5	2,062,773	6.5	103,104	2.0
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	1	16	0.4	16	117,200	0.2	48,040	0.2	5,299	0.1
18	Printing and reproduction of recorded media	3	174	4.1	173	2,115,741	3.0	1,212,245	3.8	557,828	10.9
20	Manufacture of chemicals and chemical products	16	514	12.0	276	3,832,963	5.4	2,199,409	7.0	627,670	12.2
23	Manufacture of other non-metallic mineral products	48	674	15.7	585	10,970,676	15.5	4,270,991	13.5	994,784	19.4
25	Manufacture of fabricated metal products, except machinery and equipment	15	202	4.7	157	3,487,135	4.9	3,069,321	9.7	257,080	5.0
30	Manufacture of other transport equipment	44	730	17.1	435	5,445,070	7.7	2,708,226	8.6	814,677	15.9
32	Other manufacturing	3	50	1.2	-	44,386	0.1	36,451	0.1	9,000	0.2
<b>C</b>	<b>Manufacturing</b>	<b>216</b>	<b>3,943</b>	<b>92</b>	<b>2,426</b>	<b>68,046,124</b>	<b>96</b>	<b>30,238,433</b>	<b>96</b>	<b>5,027,015</b>	<b>95</b>
	<b>Total</b>	<b>235</b>	<b>4,280</b>	<b>100.0</b>	<b>2,611</b>	<b>70,680,344</b>	<b>100.0</b>	<b>31,580,548</b>	<b>100.0</b>	<b>5,267,521</b>	<b>100.0</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 14: Principal Indicators by Industrial Activity (ISIC R4),2012(Tshs. '000')**

ISIC REV 4	Descriptions	Number of Establishment	Total person engaged		Total person employed	Gross Output		Value Added (Basic prices)		Compensation of Employees	
			Number	Per cent	Number	Value	per cent	Value	per cent	Value	per cent
08	Other mining and quarrying	19	337	8	185	2,634,220	4	1,342,115	4	213,039	4.6
<b>B</b>	<b>Mining and Quarrying</b>	<b>19</b>	<b>337</b>	<b>8</b>	<b>185</b>	<b>2,634,220</b>	<b>4</b>	<b>1,342,115</b>	<b>4</b>	<b>240,507</b>	<b>4.6</b>
10	Manufacture of food products	44	837	19.6	690	39,462,012	55.8	14,542,856	46.1	1,530,956	29.8
13	Manufacture of textiles	8	145	3.4	25	131,035	0.2	88,120	0.3	22,240	0.4
14	Manufacture of wearing apparel	34	601	14.0	69	2,439,906	3.5	2,062,773	6.5	103,104	2.0
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	1	16	0.4	16	117,200	0.2	48,040	0.2	5,299	0.1
18	Printing and reproduction of recorded media	3	174	4.1	173	2,115,741	3.0	1,212,245	3.8	557,828	10.9
20	Manufacture of chemicals and chemical products	16	514	12.0	276	3,832,963	5.4	2,199,409	7.0	627,670	12.2
23	Manufacture of other non-metallic mineral products	48	674	15.7	585	10,970,676	15.5	4,270,991	13.5	994,784	19.4
25	Manufacture of fabricated metal products, except machinery and equipment	15	202	4.7	157	3,487,135	4.9	3,069,321	9.7	257,080	5.0
30	Manufacture of other transport equipment	44	730	17.1	435	5,445,070	7.7	2,708,226	8.6	814,677	15.9
32	Other manufacturing	3	50	1.2	-	44,386	0.1	36,451	0.1	9,000	0.2
<b>C</b>	<b>Manufacturing</b>	<b>216</b>	<b>3,943</b>	<b>92</b>	<b>2,426</b>	<b>68,046,124</b>	<b>96</b>	<b>30,238,433</b>	<b>96</b>	<b>5,027,015</b>	<b>95</b>
	<b>Total</b>	<b>235</b>	<b>4,280</b>	<b>100.0</b>	<b>2,611</b>	<b>70,680,344</b>	<b>100.0</b>	<b>31,580,548</b>	<b>100.0</b>	<b>5,267,521</b>	<b>100.0</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 15a: Number of Establishments by Activity and Region (ISIC R4), 2012**

ISIC REV 4	Descriptions	Region					Total
		Kaskazini Unguja	Kusini Unguja	Mjini Magharibi	Kaskazini Pemba	Kusini Pemba	
081	Quarrying of stone, sand and clay	1	6	-	-	6	13
089	Mining and quarrying n.e.c.	-	-	-	4	2	6
<b>B</b>	<b>Mining and Quarrying</b>	<b>1</b>	<b>6</b>	<b>-</b>	<b>4</b>	<b>8</b>	<b>19</b>
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats.	1	-	3	-	1	5
106	Manufacture of grain mill products, starches and starch products	1	1	2	1	3	8
107	Manufacture of other food products	1	-	21	2	3	27
110;120	Manufacture of beverages and tobacco products	-	1	2	-	1	4
139	Manufacture of other textiles	-	2	1	3	2	8
141;151;152	Manufacture of wearing apparel, except fur apparel, Manufacture of leather and related products and Manufacture of footwear.	2	3	5	6	18	34
161	Sawmilling and planning of wood	-	-	1	-	-	1
181	Printing and service activities related to printing	-	-	3	-	-	3
202;221	Manufacture of other chemical products; Manufacture of Rubber products	2	-	3	1	8	14
222	Manufacture of plastics products	-	-	2	-	-	2
239	Manufacture of non-metallic mineral products n.e.c.	8	6	30	-	4	48
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	-	-	2	-	-	2
259	Manufacture of other fabricated metal products; metalworking service activities	1	-	11	-	1	13
301;310	Building of ships and boats ; Manufacture of furniture	8	1	23	8	4	44
321	Manufacture of jewellery, bijouterie and related articles	-	1	2	-	-	3
<b>C</b>	<b>Manufacturing</b>	<b>24</b>	<b>15</b>	<b>111</b>	<b>21</b>	<b>45</b>	<b>216</b>
	<b>Total</b>	<b>25</b>	<b>21</b>	<b>111</b>	<b>25</b>	<b>53</b>	<b>235</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 15b: Number of Persons Engaged by Industrial Activity (ISIC R4), 2012, Employment Status and Gender**

ISIC REV 4	Descriptions	Employment Status												Grand Total person engaged		Total person engaged
		Working proprietors and partners		Unpaid workers		Managerial and professional staff		Employees				Other				
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
081	Quarrying of stone, sand and clay	22	75	-	2	6	-	72	26	15	15	4	-	119	118	237
089	Mining and quarrying n.e.c.	35	18	-	-	3	5	13	3	4	19	-	-	55	45	100
<b>B</b>	<b>Mining and Quarrying</b>	<b>57</b>	<b>93</b>	<b>-</b>	<b>2</b>	<b>9</b>	<b>5</b>	<b>85</b>	<b>29</b>	<b>19</b>	<b>34</b>	<b>4</b>	<b>-</b>	<b>174</b>	<b>163</b>	<b>337</b>
103;104	Processing and preserving of fruit; Manufacture of vegetable and animal oils and fats	12	23	-	-	-	1	8	1	11	33	-	-	31	58	89
106	Manufacture of grain mill products; starches and starch products	13	51	7	2	7	4	19	4	40	7	12	-	98	68	166
107	Manufacture of other food products	28	1	-	-	20	1	253	7	29	3	4	3	334	15	349
110;120	Manufacture of beverages and tobacco products	1	-	9	-	12	-	67	10	71	31	27	5	187	46	233
139	Manufacture of other textiles	35	85	-	-	-	-	15	10	-	-	-	-	50	95	145
141;151; 152	Manufacture of wearing apparel, except fur apparel; Manufacture of leather and related products ; Manufacture of footwear	104	324	46	58	2	4	29	10	2	15	-	7	183	418	601
161	Sawmilling and planing of wood	-	-	-	-	-	-	4	-	12	-	-	-	16	-	16
181	Printing and service activities related to printing	1	-	-	-	23	15	54	48	11	11	11	-	100	74	174
202;221	Manufacture of other chemical products; Rubber products	31	194	-	-	7	6	37	28	132	16	6	13	213	257	470
222	Manufacture of plastics products	11	2	-	-	-	1	13	11	5	1	-	-	29	15	44
239	Manufacture of non-metallic mineral products n.e.c.	61	28	-	-	41	4	395	14	84	26	21	-	602	72	674
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1	-	-	-	4	-	14	-	3	-	-	-	22	-	22
259	Manufacture of other fabricated metal products; metalworking service activities	44	-	-	-	23	-	97	-	13	-	3	-	180	-	180
301;310	Building of ships and boats and Manufacture of furniture	274	5	-	16	33	3	274	4	30	-	67	24	678	52	730
321	Manufacture of jewellery, bijouterie and related articles	24	26	-	-	-	-	-	-	-	-	-	-	24	26	50
<b>C</b>	<b>Manufacturing</b>	<b>640</b>	<b>739</b>	<b>62</b>	<b>76</b>	<b>172</b>	<b>39</b>	<b>1279</b>	<b>147</b>	<b>443</b>	<b>143</b>	<b>151</b>	<b>52</b>	<b>2,747</b>	<b>1,196</b>	<b>3,943</b>
	<b>Total</b>	<b>697</b>	<b>832</b>	<b>62</b>	<b>78</b>	<b>181</b>	<b>44</b>	<b>1364</b>	<b>176</b>	<b>462</b>	<b>177</b>	<b>155</b>	<b>52</b>	<b>2,921</b>	<b>1,359</b>	<b>4,280</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 16a: Number of Establishments by Activity and Origin of Ownership (ISIC R4), 2012**

ISIC REV 4	Descriptions	Origin of ownership			
		National	Foreign	Joint	Total
081	Quarrying of stone, sand and clay	13	-	-	13
089	Mining and quarrying n.e.c.	6	-	-	6
<b>B</b>	<b>Mining and Quarrying</b>	<b>19</b>	<b>-</b>	<b>-</b>	<b>19</b>
103;104	Processing and preserving of fruit ; Manufacture of vegetable and animal oils and fats	5	-	-	5
106	Manufacture of grain mill products, starches and starch products	8	-	-	8
107	Manufacture of other food products	26	1	-	27
110;120	Manufacture of beverages and tobacco products	2	2	-	4
139	Manufacture of other textiles	8	-	-	8
141;151;152	Manufacture of wearing apparel, except fur apparel; Manufacture of leather and related products; Manufacture of footwear	32	2	-	34
161	Sawmilling and planing of wood	1	-	-	1
181	Printing and service activities related to printing	1	1	1	3
202;221	Manufacture of other chemical products; Manufacture of Rubber products	13	-	1	14
222	Manufacture of plastics products	1	1	-	2
239	Manufacture of non-metallic mineral products n.e.c.	48	-	-	48
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	2	-	-	2
259	Manufacture of other fabricated metal products; metalworking service activities	13	-	-	13
301;310	Building of ships and boats and Manufacture of furniture	41	3	-	44
321	Manufacture of jewelers, bijouterie and related articles	3	-	-	3
<b>C</b>	<b>Manufacturing</b>	<b>204</b>	<b>10</b>	<b>2</b>	<b>216</b>
	<b>Total</b>	<b>223</b>	<b>10</b>	<b>2</b>	<b>235</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 16b: Number of Persons Engaged by Activity and Origin of Ownership (ISIC R4), 2012**

SIC REV 4	Descriptions	Persons Engaged			
		National	Foreign	Joint	Total
081	Quarrying of stone, sand and clay	237	-	-	237
089	Mining and quarrying n.e.c.	100	-	-	100
<b>B</b>	<b>Mining and Quarrying</b>	<b>337</b>	<b>-</b>	<b>-</b>	<b>337</b>
103;104	Processing and preserving of fruit and vegetable ;Manufacture of vegetable and animal oils and fats	89	-	-	89
106	Manufacture of grain mill products, starches and starch products	166	-	-	166
107	Manufacture of other food products	337	12	-	349
110, 120	Manufacture of beverages and tobacco products	92	141	-	233
139	Manufacture of other textiles	145	-	-	145
141; 151; 152	Manufacture of wearing apparel; except fur apparel; leather and related products and footwear	574	27	-	601
161	Sawmilling and planing of wood	16	-	-	16
181	Printing and service activities related to printing	114	31	29	174
202; 221	Manufacture of other chemical products, Rubber products	279	-	191	470
222	Manufacture of plastics products	16	28	-	44
239	Manufacture of non-metallic mineral products n.e.c.	674	-	-	674
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	22	-	-	22
259	Manufacture of other fabricated metal products; metalworking service activities	180	-	-	180
301; 310	Building of ships and boats and Manufacture of furniture	675	55	-	730
321	Manufacture of jewellery, bijouterie and related articles	50	-	-	50
<b>C</b>	<b>Manufacturing</b>	<b>3,429</b>	<b>294</b>	<b>220</b>	<b>3,943</b>
<b>Total</b>		<b>3,766</b>	<b>294</b>	<b>220</b>	<b>4,280</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 17a: Number of Person Engaged by District and Size,2012 (All Industries)**

District	Persons engaged					Total
	< 10	10-19	20-49	50-99	100-499	
Kaskazini A	362	155	100	-	-	617
Kaskazini B	213	76	78	-	-	367
Kati	198	118	162	68	-	546
Kusini	69	49	32	-	-	150
Magharibi	1,668	663	277	202	191	3,001
Mjini	1,503	407	132	225	114	2,381
Wete	703	151	82	-	-	936
Micheweni	402	117	-	-	-	519
ChakeChake	491	252	225	-	-	968
Mkoani	538	252	152	-	-	942
<b>Total</b>	<b>6,147</b>	<b>2,240</b>	<b>1,240</b>	<b>495</b>	<b>305</b>	<b>10,427</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 17b: Number of Person Engaged by Region and Size,2012**

Region	Persons engaged					Total
	< 10	10-19	20-49	50-99	100-499	
Kaskazini Unguja	575	231	178	0	0	984
Kusini Unguja	267	167	194	68	0	696
Mjini Magharibi	3,171	1,070	409	427	305	5,382
Kaskazini Pemba	1,105	268	82	0	0	1,455
Kusini Pemba	1,029	504	377	0	0	1,910
<b>Total</b>	<b>6,147</b>	<b>2,240</b>	<b>1,240</b>	<b>495</b>	<b>305</b>	<b>10,427</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar

**Table 18: Number of Establishments by Activity and Form of Ownership (ISIC R4), 2012**

ISIC REV 4	Descriptions	Form of Ownership								Total
		Individual proprietorship	Partnership	Public	Parastatal	Cooperative	Private company	Private limited company	Other	
081	Quarrying of stone, sand and clay	7	-	2	-	4	-	-	-	13
089	Mining and quarrying n.e.c.	2	1	-	-	3	-	-	-	6
<b>B</b>	<b>Mining and Quarrying</b>	<b>9</b>	<b>1</b>	<b>2</b>	<b>-</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>19</b>
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats	2	-	-	-	3	-	-	-	5
106	Manufacture of grain mill products, starches and starch products	2	-	-	-	6	-	-	-	8
107	Manufacture of other food products	24	2	-	-	1	-	-	-	27
110;120	Manufacture of beverages and tobacco products	2	-	-	-	-	1	1	-	4
139	Manufacture of other textiles	1	1	-	-	6	-	-	-	8
141;151; 152	Manufacture of wearing apparel, except fur apparel, leather and related products and footwear	7	-	1	-	23	-	2	1	34
161	Sawmilling and planing of wood	1	-	-	-	-	-	-	-	1
181	Printing and service activities related to printing	-	-	1	-	-	-	2	-	3
202;221	Manufacture of other chemical products, Rubber products	1	-	1	-	11	-	1	-	14
222	Manufacture of plastics products	1	-	-	-	-	-	1	-	2
239	Manufacture of non-metallic mineral products n.e.c.	41	-	-	1	6	-	-	-	48
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1	-	-	-	-	-	1	-	2
259	Manufacture of other fabricated metal products; metalworking service activities	7	2	-	-	3	-	-	1	13
301;310	Building of ships and boats and Manufacture of furniture	20	1	3	-	19	-	1	-	44
321	Manufacture of jewellery, bijouterie and related articles	-	-	-	-	3	-	-	-	3
<b>C</b>	<b>Manufacturing</b>	<b>110</b>	<b>6</b>	<b>6</b>	<b>1</b>	<b>81</b>	<b>1</b>	<b>9</b>	<b>2</b>	<b>216</b>
	<b>Total</b>	<b>119</b>	<b>7</b>	<b>8</b>	<b>1</b>	<b>88</b>	<b>1</b>	<b>9</b>	<b>2</b>	<b>235</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar

**Table 19: Number of Establishments by Activity and Employment Size (ISIC R4), 2012**

ISIC REV 4	Descriptions	Persons engaged				
		10-19	20-49	50-99	100-499	Total
081	Quarrying of stone, sand and clay	8	5	-	-	13
089	Mining and quarrying n.e.c.	4	2	-	-	6
<b>B</b>	<b>Mining and Quarrying</b>	<b>12</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>19</b>
103;104	Processing and preserving of fruit and vegetable ; Manufacture of vegetable and animal oils and fats	4	1	-	-	5
106	Manufacture of grain mill products, starches and starch products	6	1	1	-	8
107	Manufacture of other food products	26	1	-	-	27
110;120	Manufacture of beverages and tobacco products	1	-	3	-	4
139	Manufacture of other textiles	6	2	-	-	8
141;151; 152	Manufacture of wearing apparel, except fur apparel; Manufacture of leather and related products;; Manufacture of footwear	23	10	1	-	34
161	Sawmilling and planning of wood	1	-	-	-	1
181	Printing and service activities related to printing	-	2	-	1	3
202;221	Manufacture of other chemical products; Manufacture of Rubber products	6	7	-	1	14
222	Manufacture of plastics products	1	1	-	-	2
239	Manufacture of non-metallic mineral products n.e.c.	42	6	-	-	48
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	2	-	-	-	2
259	Manufacture of other fabricated metal products; metalworking service activities	11	2	-	-	13
301;310	Building of ships and boats and Manufacture of furniture	35	7	2	-	44
321	Manufacture of jeweler, bijouterie and related articles	2	1	-	-	3
<b>C</b>	<b>Manufacturing</b>	<b>166</b>	<b>41</b>	<b>7</b>	<b>2</b>	<b>216</b>
<b>Total</b>		<b>178</b>	<b>48</b>	<b>7</b>	<b>2</b>	<b>235</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 20: Number of Persons Engaged by Activity and Industrial Group (ISIC R4), 2012**

ISIC REV 4	Descriptions	Persons engaged				
		10-19	20-49	50-99	100-499	Total
081	Quarrying of stone, sand and clay	106	131	-	-	237
089	Mining and quarrying n.e.c.	47	53	-	-	100
<b>B</b>	<b>Mining and Quarrying</b>	<b>153</b>	<b>184</b>	<b>-</b>	<b>-</b>	<b>337</b>
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats	59	30	-	-	89
106	Manufacture of grain mill products, starches and starch products	73	26	67	-	166
107	Manufacture of other food products	329	20	-	-	349
110, 120	Manufacture of beverages and tobacco products	10	-	223	-	233
139	Manufacture of other textiles	88	57	-	-	145
141; 151; 152	Manufacture of wearing apparel; except fur apparel; leather and related products and footwear	286	262	53	-	601
161	Sawmilling and planning of wood	16	-	-	-	16
181	Printing and service activities related to printing	-	60	-	114	174
202; 221	Manufacture of other chemical products, Rubber products	78	201	-	191	470
222	Manufacture of plastics products	16	28	-	-	44
239	Manufacture of non-metallic mineral products n.e.c.	532	142	-	-	674
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	22	-	-	-	22
259	Manufacture of other fabricated metal products; metalworking service activities	135	45	-	-	180
301; 310	Building of ships and boats and Manufacture of furniture	418	160	152	-	730
321	Manufacture of jewellery, bijouterie and related articles	25	25	-	-	50
<b>C</b>	<b>Manufacturing</b>	<b>2,087</b>	<b>1,056</b>	<b>495</b>	<b>305</b>	<b>3,943</b>
	<b>Total</b>	<b>2,240</b>	<b>1,240</b>	<b>495</b>	<b>305</b>	<b>4,280</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 21: Number Establishment by Activity and Source of Finance**

ISIC REV 4	Descriptions	Source of Finance					Total
		Personal and Relatives	Loans	Government	Other Source	Missing	
081	Quarrying of stone, sand and clay	10	-	-	1	2	13
089	Mining and quarrying n.e.c.	5	-	-	1	-	6
<b>B</b>	<b>Mining and Quarrying</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>2</b>	<b>19</b>
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats	4	-	-	1	-	5
106	Manufacture of grain mill products, starches and starch products	3	-	-	4	1	8
107	Manufacture of other food products	23	3	-	1	-	27
110; 120	Manufacture of beverages and tobacco products	2	-	-	-	2	4
139	Manufacture of other textiles	5	-	-	3	-	8
141; 151;	Manufacture of wearing apparel, except fur apparel; Manufacture	31	1	-	1	1	34
152	of leather and related products; Manufacture of footwear						
161	Sawmilling and planning of wood	1	-	-	-	-	1
181	Printing and service activities related to printing	1	-	-	-	2	3
202; 221	Manufacture of other chemical products; Manufacture of Rubber products	6	1	1	5	1	14
222	Manufacture of plastics products	1	-	-	-	1	2
239	Manufacture of non-metallic mineral products n.e.c.	42	2	-	3	1	48
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	2	-	-	-	-	2
259	Manufacture of other fabricated metal products; metalworking service activities	10	-	-	2	1	13
301; 310	Building of ships and boats and Manufacture of furniture	39	1	-	3	1	44
321	Manufacture of jewellery, bijouterie and related articles	3	-	-	-	-	3
<b>C</b>	<b>Manufacturing</b>	<b>173</b>	<b>8</b>	<b>1</b>	<b>23</b>	<b>11</b>	<b>216</b>
	<b>Total</b>	<b>188</b>	<b>8</b>	<b>1</b>	<b>25</b>	<b>13</b>	<b>235</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 22: Number of Establishments by Employment Size and Region**

Region	Persons engaged Size class				Total
	10-19	20-49	50-99	100-499	
Kaskazini Unguja	17	8	-	-	25
Kusini Unguja	13	7	1	-	21
Mjini Magharibi	87	16	6	2	111
Kaskazini Pemba	22	3	-	-	25
Kusini Pemba	39	14	-	-	53
<b>Total</b>	<b>178</b>	<b>48</b>	<b>7</b>	<b>2</b>	<b>235</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 23: Number of Establishments by Employment Size and Origin of Ownership**

Persons engaged	Origin of Ownership			
	National	Foreign	Joint	Total
10-19	174	4	-	178
20-49	43	4	1	48
50-99	5	2	-	7
100-499	1	-	1	2
<b>Total</b>	<b>223</b>	<b>10</b>	<b>2</b>	<b>235</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 24: Number of Establishments by Employment Size and Type of Legal Organization**

Persons engaged	Form of Ownership								Total
	Individual proprietorship	Partnership	Public	Parastatal	Cooperative	Private company	Private limited company	Other	
10-19	100	5	5	1	62	-	3	2	178
20-49	16	2	1	-	25	-	4	-	48
50-99	3	-	1	-	1	1	1	-	7
100-499	-	-	1	-	-	-	1	-	2
<b>Total</b>	<b>119</b>	<b>7</b>	<b>8</b>	<b>1</b>	<b>88</b>	<b>1</b>	<b>9</b>	<b>2</b>	<b>235</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 25: Number of Establishments by Employment Size and Source of finance**

Persons engaged	Source of Finance					Total
	Personal and Relatives	Loans	Government	Other Source	Missing	
10-19	149	7	-	20	2	178
20-49	36	1	1	5	5	48
50-99	3	-	-	-	4	7
100-499	-	-	-	-	2	2
<b>Total</b>	<b>188</b>	<b>8</b>	<b>1</b>	<b>25</b>	<b>13</b>	<b>235</b>

*Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.*

**Table 26: Number of Establishment by Activity and Year Started Operation (ISIC R4), 2012**

ISIC REV 4	Descriptions	Year establishment started					Total
		Below 1990	1990-1994	1995-1999	2000-2004	2005+	
081	Quarrying of stone, sand and clay	2	2	1	1	7	13
089	Mining and quarrying n.e.c.	-	1	3	1	1	6
<b>B</b>	<b>Mining and Quarrying</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>8</b>	<b>19</b>
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats	-	2	-	1	2	5
106	Manufacture of grain mill products, starches and starch products	-	2	-	-	6	8
107	Manufacture of other food products	-	2	3	7	15	27
110; 120	Manufacture of beverages and tobacco products	1	1	-	2	-	4
139	Manufacture of other textiles	-	-	1	-	7	8
141; 151; 152	Manufacture of wearing apparel, except fur apparel; Manufacture of leather and related products; Manufacture of footwear	2	2	2	5	23	34
161	Sawmilling and planning of wood	-	1	-	-	-	1
181	Printing and service activities related to printing	1	-	2	-	-	3
202; 221	Manufacture of other chemical products; Manufacture of Rubber products	2	2	-	2	8	14
222	Manufacture of plastics products	-	-	-	-	2	2
239	Manufacture of non-metallic mineral products n.e.c.	1	3	2	4	38	48
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	-	-	-	1	1	2
259	Manufacture of other fabricated metal products; metalworking service activities	2	3	3	1	4	13
301; 310	Building of ships and boats ; Manufacture of furniture	14	7	7	6	10	44
321	Manufacture of jewellery, bijouterie and related articles	1	-	-	-	2	3
<b>C</b>	<b>Manufacturing</b>	<b>24</b>	<b>25</b>	<b>20</b>	<b>29</b>	<b>118</b>	<b>216</b>
	<b>Total</b>	<b>26</b>	<b>28</b>	<b>24</b>	<b>31</b>	<b>126</b>	<b>235</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 27: Evolution in Person Engaged by Activity, June and December (ISIC R4), 2012**

ISIC REV 4	Descriptions	June			December		
		Males	Females	Total	Males	Females	Total
081	Quarrying of stone, sand and clay	119	118	237	119	118	237
089	Mining and quarrying n.e.c.	48	32	80	55	45	100
<b>B</b>	<b>Mining and Quarrying</b>	<b>167</b>	<b>150</b>	<b>317</b>	<b>174</b>	<b>163</b>	<b>337</b>
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats.	31	58	89	31	58	89
106	Manufacture of grain mill products, starches and starch products	97	68	165	98	68	166
107	Manufacture of other food products	333	15	348	334	15	349
110; 120	Manufacture of beverages and tobacco products	188	46	234	187	46	233
139	Manufacture of other textiles	38	113	151	32	113	145
141; 151; 152	Manufacture of wearing apparel, except fur apparel; Manufacture of leather and related products; Manufacture of footwear	173	444	617	168	433	601
161	Sawmilling and planning of wood	12	-	12	16	-	16
181	Printing and service activities related to printing	109	74	183	100	74	174
202; 221	Manufacture of other chemical products; Manufacture of Rubber products	213	257	470	213	257	470
222	Manufacture of plastics products	19	12	31	29	15	44
239	Manufacture of non-metallic mineral products n.e.c.	603	73	676	601	73	674
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	20	-	20	22	-	22
259	Manufacture of other fabricated metal products; metalworking service activities	182	-	182	180	-	180
301; 310	Building of ships and boats; Manufacture of furniture	677	51	728	677	53	730
321	Manufacture of jewellery, bijouterie and related articles	24	26	50	24	26	50
<b>C</b>	<b>Manufacturing</b>	<b>2719</b>	<b>1237</b>	<b>3956</b>	<b>2712</b>	<b>1231</b>	<b>3943</b>
	<b>Total</b>	<b>2886</b>	<b>1387</b>	<b>4273</b>	<b>2886</b>	<b>1394</b>	<b>4280</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 28a: Production Account by Individual Activity (ISIC R4),2012(Tshs. '000')**

ISIC REV 4	Descriptions	Number of Establishment	Person Engaged	Gross Output	Intermediate Consumption	Value Added (Basic prices)	Compensation of Employees	Taxes on Production Less subsidies	Gross Operating Surplus
081	Quarrying of stone; sand and clay	13	237	2,585,267	1,285,196	1,300,071	199,959	1,710	1,098,402
089	Mining and quarrying n.e.c.	6	100	48,953	6,909	42,044	40,548	800	696
<b>B</b>	<b>Mining and Quarrying</b>	<b>19</b>	<b>337</b>	<b>2,634,220</b>	<b>1,292,105</b>	<b>1,342,115</b>	<b>240,507</b>	<b>2,510</b>	<b>1,099,098</b>
103;104	Processing and preserving of fruit and vegetable ; Manufacture of vegetable and animal oils and fats	5	89	273,441	100,303	173,138	116,820	150	56,168
106	Manufacture of grain mill products, starches and starch products	8	166	21,593,223	11,708,532	9,884,691	109,700	575	9,774,416
107	Manufacture of other food products	27	349	10,334,288	8,581,290	1,752,997	599,138	2,900	1,150,960
110;120	Manufacture of beverages and tobacco products	4	233	7,261,060	4,529,030	2,732,030	783,178	13,416	1,935,436
139	Manufacture of other textiles	8	145	131,035	42,915	88,120	22,240	160	65,720
141;151;152	Manufacture of wearing apparel; except fur apparel; leather and related products and footwear	34	601	2,439,906	377,132	2,062,773	103,104	4,421	1,955,249
161	Sawmilling and planing of wood	1	16	117,200	69,160	48,040	31,795	300	15,945
181	Printing and service activities related to printing	3	174	2,115,741	903,497	1,212,245	557,828	6,000	648,416
202;221	Manufacture of other chemical products, Rubber products	14	470	3,456,750	1,393,991	2,062,759	580,403	120	1,482,236
222	Manufacture of plastics products	2	44	376,213	239,563	136,650	47,267	2,463	86,920
239	Manufacture of non-metallic mineral products n.e.c.	48	674	10,970,676	6,699,684	4,270,991	994,784	7,020	3,269,187
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	2	22	269,550	105,654	163,897	22,360	250	141,287
259	Manufacture of other fabricated metal products; metalworking service activities	13	180	3,217,585	312,160	2,905,425	234,720	510	2,670,195
301;310	Building of ships and boats and Manufacture of furniture	44	730	5,445,070	2,736,844	2,708,226	814,677	5,851	1,887,698
321	Manufacture of jewellery, bijouterie and related articles	3	50	44,386	7,936	36,451	9,000	350	27,101
<b>C</b>	<b>Manufacturing</b>	<b>216</b>	<b>3943</b>	<b>68,046,124</b>	<b>37,807,691</b>	<b>30,238,433</b>	<b>5,027,015</b>	<b>44,486</b>	<b>25,166,932</b>
	<b>Total</b>	<b>235</b>	<b>4280</b>	<b>70,680,344</b>	<b>39,099,796</b>	<b>31,580,548</b>	<b>5,267,521</b>	<b>46,996</b>	<b>26,266,030</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 28b: Production Account by Region (ISIC R4),2012****(Tshs '000')**

<b>Region</b>	<b>Number of Establishment</b>	<b>Person Engaged</b>	<b>Gross Output</b>	<b>Intermediate Consumption</b>	<b>Value Added (Basic prices)</b>	<b>Compensation of Employees</b>	<b>Taxes on Production Less subsidies</b>	<b>Gross Operating Surplus</b>
Kaskazini Unguja	25	409	2,717,211	1,344,987	1,372,224	307,054	1,445	1,063,725
Kusini Unguja	21	429	5,721,122	3,445,483	2,275,639	525,754	11,716	1,738,169
Mjini Magharibi	111	2211	57,103,269	31,555,721	25,547,548	3,838,322	31,167	21,678,060
Kaskazini Pemba	25	350	922,883	443,386	479,497	123,444	740	355,313
Kusini Pemba	53	881	4,215,859	2,310,219	1,905,639	472,948	1,928	1,430,764
<b>Total</b>	<b>235</b>	<b>4,280</b>	<b>70,680,344</b>	<b>39,099,796</b>	<b>31,580,548</b>	<b>5,267,521</b>	<b>46,996</b>	<b>26,266,030</b>

*Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.*

**Table 29a: Principal Indicators by Industrial Activity (ISIC R4),2012 (Tshs. '000')**

ISIC REV 4	Descriptions	Number of Establishment	Gross Output per Establishment	Gross Output per Workers	Value Added as a per cent of GO	Value Added per Establishment	Value Added per Workers	Compensation of Employees	
								Per employee per month	As a per cent of VA
081	Quarrying of stone, sand and clay	13	198,867	10,908	50.29	100,005	5,486	121	15.38
089	Mining and quarrying n.e.c.	6	8,159	490	85.89	7,007	420	72	87.66
<b>B</b>	<b>Mining and Quarrying</b>	<b>19</b>	<b>207,026</b>	<b>11,398</b>	<b>50.95</b>	<b>107,013</b>	<b>5,906</b>	<b>59</b>	<b>103.04</b>
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats	5	54,688	3,072	63.32	34,628	1,945	180	69.15
106	Manufacture of grain mill products, starches and starch products	8	2,699,153	130,080	45.78	1,235,586	59,546	98	1.11
107	Manufacture of other food products	27	382,751	29,611	16.96	64,926	5,023	156	34.18
110;120	Manufacture of beverages and tobacco products	4	1,815,265	31,163	37.63	683,008	11,725	293	28.67
139	Manufacture of other textiles	8	16,379	904	67.25	11,015	608	74	25.24
141; 151;152	Manufacture of wearing apparel, except fur apparel, leather and related products and footwear	34	71,762	4,060	84.54	60,670	3,432	125	5.00
161	Sawmilling and planning of wood	1	117,200	7,325	40.99	48,040	3,003	166	66.18
181	Printing and service activities related to printing	3	705,247	12,159	57.30	404,082	6,967	269	46.02
202;221	Manufacture of other chemical products, Rubber products	14	246,911	7,355	59.67	147,340	4,389	197	28.14
222	Manufacture of plastics products	2	188,106	8,550	36.32	68,325	3,106	127	34.59
239	Manufacture of non-metallic mineral products n.e.c.	48	228,556	16,277	38.93	88,979	6,337	142	23.29
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	2	134,775	12,252	60.80	81,948	7,450	89	13.64
259	Manufacture of other fabricated metal products; metalworking service activities	13	247,507	17,875	90.30	223,494	16,141	144	8.08
301;310	Building of ships and boats and Manufacture of furniture	44	123,752	7,459	49.74	61,551	3,710	156	30.08
321	Manufacture of jewellery, bijouterie and related articles	3	14,795	888	82.12	12,150	729	-	24.69
<b>C</b>	<b>Manufacturing</b>	<b>216</b>	<b>7,046,847</b>	<b>289,031</b>	<b>44.44</b>	<b>3,225,741</b>	<b>134,111</b>	<b>106</b>	<b>438.06</b>
	<b>Total</b>	<b>235</b>	<b>300,767</b>	<b>16,514</b>	<b>44.68</b>	<b>134,385</b>	<b>1,200</b>	<b>168</b>	<b>16.68</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 29b: Principal Indicators by Industrial Activity (ISIC R4),2012(Tshs. '000')**

ISIC REV 4	Descriptions	Number of Establishment	Total person engaged		Total person employed		Gross Output		Value Added (Basic prices)		Compensation of Employees	
			Number	Per cent	Number	Value	Percent	Value	Percent	Value	Percent	
												Number
081	Quarrying of stone, sand and clay	13	237	5.54	138	2,585,267	3.66	1,300,071	4.12	199,959	3.80	
089	Mining and quarrying n.e.c.	6	100	2.34	47	48,953	.07	42,044	.13	40,548	.77	
<b>B</b>	<b>Mining and Quarrying</b>	<b>19</b>	<b>337</b>	<b>8</b>	<b>185</b>	<b>2,634,220</b>	<b>3.73</b>	<b>1,342,115</b>	<b>4.25</b>	<b>240,507</b>	<b>4.56</b>	
103;104	Processing and preserving of fruit and vegetable ; Manufacture of vegetable and animal oils and fats	5	89	2.08	54	273,441	.39	173,138	.55	116,820	2.22	
106	Manufacture of grain mill products, starches and starch products	8	166	3.88	93	21,593,223	30.55	9,884,691	31.30	109,700	2.08	
107	Manufacture of other food products	27	349	8.15	320	10,334,288	14.62	1,752,997	5.55	599,138	11.37	
110;120	Manufacture of beverages and tobacco products	4	233	5.44	223	7,261,060	10.27	2,732,030	8.65	783,178	14.87	
139	Manufacture of other textiles	8	145	3.39	25	131,035	.19	88,120	.28	22,240	.42	
141;151;152	Manufacture of wearing apparel, except fur apparel, leather and related products and footwear	34	601	14.04	69	2,439,906	3.45	2,062,773	6.53	103,104	1.96	
161	Sawmilling and planning of wood	1	16	.37	16	117,200	.17	48,040	.15	31,795	.60	
181	Printing and service activities related to printing	3	174	4.07	173	2,115,741	2.99	1,212,245	3.84	557,828	10.59	
202;221	Manufacture of other chemical products, Rubber products	14	470	10.98	245	3,456,750	4.89	2,062,759	6.53	580,403	11.02	
222	Manufacture of plastics products	2	44	1.03	31	376,213	.53	136,650	.43	47,267	.90	
239	Manufacture of non-metallic mineral products n.e.c.	48	674	15.75	585	10,970,676	15.52	4,270,991	13.52	994,784	18.89	
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	2	22	.51	21	269,550	.38	163,897	.52	22,360	.42	
259	Manufacture of other fabricated metal products; metalworking service activities	13	180	4.21	136	3,217,585	4.55	2,905,425	9.20	234,720	4.46	
301;310	Building of ships and boats and Manufacture of furniture	44	730	17.06	435	5,445,070	7.70	2,708,226	8.58	814,677	15.47	
321	Manufacture of jewellery, bijouterie and related articles	3	50	1.17	0	44,386	.06	36,451	.12	9,000	.17	
<b>C</b>	<b>Manufacturing</b>	<b>216</b>	<b>3,943</b>	<b>92</b>	<b>2,426</b>	<b>68,046,124</b>	<b>96</b>	<b>30,238,433</b>	<b>96</b>	<b>5,027,015</b>	<b>95</b>	
	<b>Total</b>	<b>235</b>	<b>4,280</b>	<b>100.00</b>	<b>2,611</b>	<b>70,680,344</b>	<b>100.00</b>	<b>31,580,548</b>	<b>100.00</b>	<b>5,267,521</b>	<b>100.00</b>	

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 30: Detailed Intermediate Consumption by Industrial Activity (ISIC R4), 2012 (Tshs. '000')**

ISIC REV 4	Descriptions	Raw material & Supplies		Electricity, water & fuel	Industrial Services Consumed	Non Industrial Services Consumed	Change in Stock	Total Intermediate
		Imported	Local					
081	Quarrying of stone, sand and clay	124,800	430,450	549,628	27,300	153,378	360	1,285,196
089	Mining and quarrying n.e.c.	-	3,722	980	1,370	899	62	6,909
<b>B</b>	<b>Mining and Quarrying</b>	<b>124,800</b>	<b>434,172</b>	<b>550,608</b>	<b>28,670</b>	<b>154,277</b>	<b>422</b>	<b>1,292,105</b>
103;104	Processing and preserving of fruit and vegetable ; Manufacture of vegetable and animal oils and fats	-	92,634	5,114	2,100	567	112	100,303
106	Manufacture of grain mill products, starches and starch products	14,745,007	1,105,951	422,375	16,487	1,010	4,582,297	11,708,532
107	Manufacture of other food products	1,500	8,156,377	374,209	10,605	28,691	(9,909)	8,581,290
110; 120	Manufacture of beverages and tobacco products	-	2,427,757	743,343	975,366	153,064	(229,501)	4,529,030
139	Manufacture of other textiles	-	40,978	743	15	2,089	910	42,915
141; 151;152	Manufacture of wearing apparel, except fur apparel, leather and related products and footwear	35,100	204,479	19,377	2,158	55,641	(60,377)	377,132
161	Sawmilling and planing of wood	-	72,000	1,960	200	-	5,000	69,160
181	Printing and service activities related to printing	-	757,302	110,751	4,681	69,782	39,020	903,497
202; 221	Manufacture of other chemical products, Rubber products	-	1,483,705	200,414	28,233	85,815	404,177	1,393,991
222	Manufacture of plastics products	-	128,378	24,760	18,291	22,600	(45,535)	239,563
239	Manufacture of non-metallic mineral products n.e.c.	-	5,967,582	682,368	14,445	37,699	2,410	6,699,684
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	53,686	16,650	7,319	24,320	5,295	1,615	105,654
259	Manufacture of other fabricated metal products; metalworking service activities	-	292,800	13,114	1,467	12,614	7,835	312,160
301; 310	Building of ships and boats and Manufacture of furniture	249	2,513,390	111,130	35,428	108,106	31,458	2,736,844
321	Manufacture of jewellery, bijouterie and related articles	-	6,078	1,246	-	667	55	7,936
<b>C</b>	<b>Manufacturing</b>	<b>14,835,542</b>	<b>23,266,061</b>	<b>2,718,222</b>	<b>1,133,796</b>	<b>583,638</b>	<b>4,729,567</b>	<b>37,807,691</b>
	<b>Total</b>	<b>14,960,342</b>	<b>23,700,233</b>	<b>3,268,830</b>	<b>1,162,466</b>	<b>737,915</b>	<b>4,729,989</b>	<b>39,099,796</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.



**Table 31: Raw Materials Purchased by Product Category and Origin, 2012-Value (Tshs. '000')**

<b>CPC Codes</b>	<b>Descriptions</b>	<b>Imported Value</b>	<b>Local Value</b>	<b>Total</b>
15110	Slate	-	8,200	8,200
15120	Marble and other calcareous monumental or building stone	124,800	396,690	521,490
15130	Granite, sandstone and other monumental or building stone	-	2,760,502	2,760,502
15200	Gypsum; anhydrite; limestone flux; limestone and other calcareous stone, of a kind used for the manufacture of lime or c	-	119,444	119,444
15320	Pebbles, gravel, broken or crushed stone, macadam; granules, chippings and powder of stone	-	25,200	25,200
16200	Salt and pure sodium chloride; sea water	-	7,236	7,236
21496	Fruit and nuts, provisionally preserved, not for immediate consumption	-	118	118
21546	Coconut oil, refined	-	21,197	21,197
21549	Other vegetable oils, refined, n.e.c.	-	105,032	105,032
21710	Oil-cake and other solid residues, of vegetable fats or oils	-	64,862	64,862
23110	Wheat and meslin flour	-	7,738,556	7,738,556
23120	Other cereal flours	158,744,384	10,635,554	169,379,937
23161	Rice, semi- or wholly milled	-	134,400	134,400
23912	Coffee substitutes containing coffee; extracts, essences and concentrates of coffee, and preparations with a basis there	-	145,500	145,500
23926	Cloves (whole stems), processed	-	1,328,238	1,328,238
23996	Yeasts (active or inactive); other single-cell micro-organisms, dead; prepared baking powders	-	70,580	70,580
26140	Noils of wool or of fine animal hair	-	4,000	4,000
26350	Cotton sewing thread	-	18,602	18,602
26630	Woven fabrics of cotton, containing less than 85% by weight of cotton, mixed mainly or solely with man-made fibres	-	20,056	20,056
27150	Sacks and bags, of a kind used for the packing of goods	3,450,698	960	3,451,658
27310	Twine, cordage, rope and cables	-	21,700	21,700
27320	Knotted netting of twine, cordage or rope; made up nets of textile materials; articles of yarn, strip, twine, cordage, r	-	13,360	13,360
28228	Track suits, ski suits, swimwear and other garments, knitted or crocheted n.e.c.	-	4,800	4,800
28232	Men's or boys' shirts, singlet, underpants, pyjamas, dressing gowns and similar articles, of textile fabric, not knitted	-	564	564
28238	Handkerchiefs, shawls, scarves, veils, ties, cravats, gloves and other made-up clothing accessories, of textile fabric,	32,200	150,630	182,830
29120	Other leather, of bovine or equine animals, without hair on	-	1,080	1,080
31310	Wood in the rough, treated with paint, stains, creosote or other preservatives	-	2,031,762	2,031,762
31330	Other wood in the rough (including split poles and pickets)	-	225,690	225,690

CPC Codes	Descriptions	Imported Value	Local Value	Total
32129	Other uncoated paper and paperboard, of a kind used for writing, printing or other graphic purposes, and punch card stock	-	530,000	530,000
32153	Cartons, boxes, cases, record sleeves and other packing containers (except bags) of paper, paperboard, cellulose wadding	-	7,013	7,013
34140	Carboxylic acids and their anhydrides, halides, peroxides and peroxyacids and their halogenated, sulphonated, nitrated or	-	3,727	3,727
34210	Hydrogen, nitrogen, oxygen, carbon dioxide and rare gases; inorganic oxygen compounds of non-metals n.e.c.	-	65,042	65,042
34510	Wood charcoal	-	14,400	14,400
35240	Sugars, chemically pure n.e.c.; sugar ethers and sugar esters and their salts n.e.c.	-	108,320	108,320
35333	Polishes and creams, for footwear, furniture, floors, coachwork, glass or metal	-	30,600	30,600
35420	Glues and gelatine, peptones and their derivatives, and related products; caseinates and other casein derivatives; album	-	23,261	23,261
36320	Tubes, pipes and hoses, and fittings therefore, of plastics	-	33,151	33,151
36390	Other plates, sheets, film, foil and strip, of plastics	-	82,572	82,572
37114	Glass in sheets, bent, edge-worked, engraved, drilled, enamelled or otherwise worked, but not framed, etc.	-	17,225	17,225
37116	Glass mirrors; multiple walled insulating units of glass	-	13,000	13,000
37191	Bottles, jars, phials and other containers, of glass, of a kind used for the conveyance or packing of goods, except ampoules	-	34,750	34,750
37440	Portland cement, aluminous cement, slag cement and similar hydraulic cements, except in the form of clinkers	-	2,660,462	2,660,462
37690	Other worked monumental or building stone and articles thereof; other artificially coloured granules, chippings and powder	-	1,829	1,829
38210	Pearls, natural or cultured and unworked	-	14	14
38240	Jewellery and other articles of precious metal or of metal clad with precious metal; articles of natural or cultured pearls	-	5,306	5,306
39310	Slag, dross, scaling and other waste from the manufacture of iron or steel	-	36,760	36,760
41261	Bars and rods, cold-formed, cold-finished or further worked, of iron or non-alloy steel	-	77,520	77,520
41532	Bars, rods and profiles, of aluminium	-	1,960	1,960
41534	Plates, sheets and strip, of aluminium, of a thickness exceeding 0.2 mm	-	69,976	69,976
42913	Knives (except for machines) and scissors, and blades therefore	-	636	636
42915	Other articles of cutlery; manicure or pedicure sets and instruments	-	12	12
42944	Nails, tacks, staples (except staples in strips), screws, bolts, nuts, screw hooks, rivets, cotters, cotter-pins, washer	-	46,422	46,422
42950	Wire, rods, tubes, plates, electrodes and similar products, of base metal or of metal carbides, coated or cored with flu	-	7,848	7,848

<b>CPC Codes</b>	<b>Descriptions</b>	<b>Imported Value</b>	<b>Local Value</b>	<b>Total</b>
42992	Padlocks and locks, of base metal; clasps and frames with clasps, incorporating locks, of base metal; keys and parts the	-	33,216	33,216
42995	Fittings for loose-leaf binders or files; letter clips, letter corners, paper clips, indexing tags and similar office ar	2,900	16,790	19,690
42997	Sewing needles, knitting needles, bodkins, crochet hooks, embroidery stiletos and similar articles, for use in the hand	-	111	111
43931	Fans, except domestic type; centrifuges, except cream separators and clothes dryers	-	2	2
44112	Harrows, scarifies, cultivators, welders and hoes	-	22,231	22,231
44222	Machine-tools for working wood, cork, bone, hard rubber, hard plastics or similar hard materials; presses for the manufacturing	-	1,500	1,500
47610	Musical audio disks, tapes or other physical media	-	213,466	213,466
53262	Power plants	-	16,800	16,800
88140	Vegetable and animal oil and fat manufacturing services	-	10,820	10,820
88190	Tobacco manufacturing services	-	20,000	20,000
88426	Soap, detergents, cleaning preparation and perfume manufacturing services	-	10	10
88774	Mining, quarrying and construction machinery manufacturing services	-	303,120	303,120
99998	Other	55,435	2,804,535	2,859,969
<b>Total</b>		<b>162,410,416</b>	<b>33,368,918</b>	<b>195,779,334</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 32: Net Investment and Value of Fixed Assets at the End of the Year by Industrial Activity (ISIC R4), 2012 (Tshs '000')**

ISIC REV 4	Descriptions	Type												Total net Investment	Total Value of fixed Assets
		Land		Buildings and other construction works		Transport equipment		Machinery and other equipment		Other		Total			
		Additions Less Sales	Net Value at the end	Additions Less Sales	Net Value at the end	Additions Less Sales	Net Value at the end	Additions Less Sales	Net Value at the end	Additions Less Sales	Net Value at the end	Additions Less Sales	Net Value at the end		
081	Quarrying of stone, sand and clay	-	206,400	-	194,808	-	668,250	-	1,207,384	-	9,350	-	2,286,192	-	2,286,192
089	Mining and quarrying n.e.c.	50	8,114	-	12,221	-	-	-	2,474	-	-	50	22,809	50	22,809
<b>B</b>	<b>Mining and Quarrying</b>	<b>50</b>	<b>214,514</b>	<b>-</b>	<b>207,029</b>	<b>-</b>	<b>668,250</b>	<b>-</b>	<b>1,209,858</b>	<b>-</b>	<b>9,350</b>	<b>50</b>	<b>2,309,001</b>	<b>50</b>	<b>2,309,001</b>
103;104	Processing and preserving of fruit and vegetable ; Manufacture of vegetable and animal oils and fats	-	12,000	-	62,592	-	6,000	-	39,369	-	-	-	119,961	-	125,205
106	Manufacture of grain mill products, starches and starch products	-	960	-	86,208	-	26,250	100	69,010	-	-	100	182,428	100	183,019
107	Manufacture of other food products	-	37,152	150	663,822	-	95,250	(1,080)	433,708	-	510	(930)	1,230,431	(930)	1,231,870
110;120	Manufacture of beverages and tobacco products	-	-	12,088	392,508	-	177,512	1,670,932	2,405,663	2,296	34,734	1,685,316	3,010,418	1,685,316	3,010,456
139	Manufacture of other textiles	-	2,880	-	13,520	-	-	60	8,444	-	-	60	24,844	60	25,694
141;151;152	Manufacture of wearing apparel, except fur apparel; leather and related products and footwear	100	1,156	-	5,203	-	18,000	2,060	79,855	-	8,585	2,160	109,449	2,245	115,311
161	Sawmilling and planing of wood	-	28,800	-	-	-	-	-	21,250	-	-	-	50,050	-	50,815
181	Printing and service activities related to printing	-	-	-	-	60,920	716,121	60,920	772,781	-	-	-	56,660	182,760	2,205,023
202;221	Manufacture of other chemical products, Rubber products	-	24,616	-	908,622	-	50,638	46	1,456,889	2,711	3,582	2,757	2,444,541	2,757	2,444,485
222	Manufacture of plastics products	-	-	-	-	-	-	-	3,502	-	-	-	3,502	-	3,647
239	Manufacture of non-metallic mineral products n.e.c.	-	574,960	-	458,712	-	427,605	6,200	440,970	-	1,955	6,200	1,766,444	6,200	1,912,821
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	-	-	-	76,800	-	25,200	-	52,020	-	2,742	-	156,762	-	156,890
259	Manufacture of other	-	7,008	-	106,224	-	1,086	-	79,146	-	595	-	194,059	-	274,539

	fabricated metal products; metalworking service activities														
301;3 10	Building of ships and boats and Manufacture of furniture	-	1,056,75 0	8,192	270,959	-	168,17 1	2,359	806,313	3,000	78,640	7,551	2,147,725	13,551	2,424,55 4
321	Manufacture of jewellery, bijouterie and related articles	-	-	-	2,425	-	-	-	2,032	-	255	-	4,707	-	5,902
<b>C</b>	<b>Manufacturing</b>	<b>100</b>	<b>1,746,28 2</b>	<b>20,430</b>	<b>3,047,59 5</b>	<b>60,920</b>	<b>1,711,83 4</b>	<b>1,741,59 7</b>	<b>6,670,95 0</b>	<b>8,007</b>	<b>131,59 8</b>	<b>1,703,2 14</b>	<b>11,501,979</b>	<b>1,892,0 59</b>	<b>14,170,2 29</b>
	<b>Total</b>	<b>150</b>	<b>1,960,79 6</b>	<b>20,430</b>	<b>3,254,62 4</b>	<b>60,920</b>	<b>2,380,08 4</b>	<b>1,741,59 7</b>	<b>7,880,80 8</b>	<b>8,007</b>	<b>140,94 8</b>	<b>1,703,2 64</b>	<b>13,810,97 9</b>	<b>1,892,1 09</b>	<b>16,479,23 0</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 33a: Change in Stock by Activity (ISIC R4), 2012 (Tshs `000`)**

ISIC REV 4	Description	Materials, Supplies and fuel	Work in Progress	Finished Product	Good Purchased for resale	Total
081	Quarrying of stone, sand and clay	360	-	8,550	-	8,910
089	Mining and quarrying n.e.c.	62	-	3,240	-	3,302
<b>B</b>	<b>Mining and quarrying i.e.</b>	<b>422</b>	<b>-</b>	<b>11,790</b>	<b>-</b>	<b>12,212</b>
104	Manufacture of vegetable and animal oils and fats	112	456	(14,990)	-	(14,422)
106	Manufacture of grain mill products, starches and starch products	4,582,297	-	(30,472)	514,808	5,066,633
107	Manufacture of other food products	(239,410)	17,790	(23,459)	-	(245,079)
139	Manufacture of other textiles	910	(150)	205	-	965
141	Manufacture of wearing apparel, except fur apparel	(60,377)	(11,110)	358,128	376,550	663,191
161	Sawmilling and planning of wood	5,000	2,000	-	-	7,000
181	Printing and service activities related to printing	39,020	-	(2,701)	-	36,319
202	Manufacture of other chemical products	358,642	1,800	(9,653)	-	350,789
239	Manufacture of non-metallic mineral products n.e.c.	2,410	(8,100)	(389)	(13,000)	(19,079)
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1,615	503	-	-	2,119
259	Manufacture of other fabricated metal products; metalworking service activities	7,835	(660)	(8,930)	-	(1,755)
301	Building of ships and boats	31,458	7,023	18,068	(9,800)	46,749
321	Manufacture of jeweler, bijouterie and related articles	55	185	(525)	-	(285)
<b>C</b>	<b>Manufacturing</b>	<b>4,729,567</b>	<b>9,737</b>	<b>285,283</b>	<b>868,558</b>	<b>5,893,145</b>
	<b>Total</b>	<b>4,729,989</b>	<b>9,737</b>	<b>297,073</b>	<b>868,558</b>	<b>5,905,357</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

Table 33b: Stocks Held by Industrial Activity 2012

(Tshs '000')

ISIC REV 4	Descriptions	At the beginning					At the end				
		Materials and Supplies	Work in Progress	Finished Products	Goods Purchased for resale (Opening)	Total	Materials and Supplies	Work in Progress	Finished Products	Goods Purchased for resale	Total
081	Quarrying of stone, sand and clay	1,540	-	3,350	-	4,890	1,900	-	11,900	-	13,800
089	Mining and quarrying n.e.c.	1,200	-	100	-	1,300	1,262	-	3,340	-	4,602
<b>B</b>	<b>Mining and Quarrying</b>	<b>2,740</b>	<b>-</b>	<b>3,450</b>	<b>-</b>	<b>6,190</b>	<b>3,162</b>	<b>-</b>	<b>15,240</b>	<b>-</b>	<b>18,402</b>
103	Processing and preserving of fruit and vegetables	-	-	-	-	-	117	456	-	-	573
104	Manufacture of vegetable and animal oils and fats.	100	-	40,200	-	40,300	95	-	25,210	-	25,305
106	Manufacture of grain mill products, starches and starch products	-	-	-	-	-	-	-	-	-	-
107	Manufacture of other food products	19,238	7,420	13,786	-	40,444	9,329	26,560	10,056	-	45,945
110	Manufacture of beverages	643,658	-	159,545	-	803,203	414,557	-	142,416	-	556,973
120	Manufacture of tobacco products	900	1,800	6,000	-	8,700	500	450	3,400	-	4,350
139	Manufacture of other textiles	750	710	115	-	1,575	1,660	560	320	-	2,540
141	Manufacture of wearing apparel, except fur apparel	132,599	44,125	53,532	15,100	245,356	72,072	33,015	411,710	391,650	908,447
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddler and harness; dressing and dyeing of fur	-	-	-	-	-	-	-	-	-	-
152	Manufacture of footwear	150	-	50	-	200	300	-	-	-	300
161	Sawmilling and planing of wood	1,000	12,000	-	-	13,000	6,000	14,000	-	-	20,000
181	Printing and service activities related to printing	44,430	500	1,000	-	45,930	83,450	500	2,000	-	85,950
221	Manufacture of other chemical products	169	200	5,600	-	5,969	402,976	2,000	382	-	405,358
202	Manufacture of rubber products	37,830	-	-	-	37,830	39,200	-	-	-	39,200
222	Manufacture of plastics products	351,042	-	16,271	-	367,313	305,507	-	11,836	-	317,343
239	Manufacture of non-metallic	27,465	10,000	36,281	17,000	90,746	29,175	1,900	41,160	4,000	76,235

	mineral products n.e.c.										
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	4,124	2,739	-	-	6,863	5,739	3,242	-	-	8,982
259	Manufacture of other fabricated metal products; metalworking service activities	4,626	3,360	16,830	-	24,816	12,441	2,700	7,900	-	23,041
301	Building of ships and boats	9,000	-	16,500	-	25,500	2,000	-	33,000	-	35,000
310	Manufacture of furniture	55,862	34,704	69,085	20,000	179,651	93,820	41,627	71,153	10,200	216,799
321	Manufacture of jewellery, bijouterie and related articles	700	400	1,550	-	2,650	755	585	1,025	-	2,365
<b>C</b>	<b>Manufacturing</b>	<b>1,333,642</b>	<b>117,958</b>	<b>436,345</b>	<b>52,100</b>	<b>1,940,045</b>	<b>1,479,692</b>	<b>127,595</b>	<b>761,568</b>	<b>405,850</b>	<b>2,774,705</b>
	<b>Total</b>	<b>1,336,382</b>	<b>117,958</b>	<b>439,795</b>	<b>52,100</b>	<b>1,946,235</b>	<b>1,482,854</b>	<b>127,595</b>	<b>776,808</b>	<b>405,850</b>	<b>2,793,107</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 34: Compensation of Employees by Labour Cost and Industrial Activity, 2012**

(Tshs. '000')

ISIC REV 4	Descriptions	Gross wages and salaries paid to employees	Overtime payments	Reimbursement of travel expenses	Payments in kind	Employer's contribution to social Security Schemes	Training expenses	Other labour costs	Total
081	Quarrying of stone, sand and clay	190,998	6,750	-	-	2,211	-	-	199,959
089	Mining and quarrying n.e.c.	40,248	-	-	300	-	-	1,360	41,908
<b>B</b>	<b>Mining and Quarrying</b>	<b>231,246</b>	<b>6,750</b>	<b>-</b>	<b>300</b>	<b>2,211</b>	<b>-</b>	<b>1,360</b>	<b>241,867</b>
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats	116,820	-	-	-	-	-	850	117,670
106	Manufacture of grain mill products, starches and starch products	55,229	51,988	880	-	1,603	-	1,200	110,900
107	Manufacture of other food products	513,394	58,880	3,060	20,732	3,072	-	4,044	603,182
110;120	Manufacture of beverages and tobacco products	635,152	47,131	3,500	44,710	52,685	-	-	783,178
139	Manufacture of other textiles	22,240	-	-	-	-	-	5,150	27,390
141, 151;152	Manufacture of wearing apparel, except fur apparel, leather and related products ;Manufacture of footwear	83,183	6,150	8,237	320	5,214	7,117	18,990	129,211
161	Sawmilling; Manufacture of planning of wood	31,795	-	-	-	-	-	-	31,795
181	Printing and service activities related to printing	502,132	13,364	2,890	503	38,940	6,406	18,565	582,800
202;221	Manufacture of other chemical products; Manufacture of Rubber products	505,041	11,539	18,690	-	45,133	3,153	31,793	615,349
222	Manufacture of plastics products	43,229	2,765	-	-	1,273	-	-	47,267
239	Manufacture of non-metallic mineral products n.e.c.	969,084	25,700	-	-	-	-	600	995,384
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	21,750	-	150	-	460	-	-	22,360
259	Manufacture of other fabricated metal products; metalworking service activities	232,640	-	1,080	1,000	-	-	-	234,720
301;310	Building of ships and boats and Manufacture of furniture	764,707	22,850	4,500	6,760	15,860	760	20,270	835,707
321	Manufacture of jewellery, bijouterie and related articles	9,000	-	-	-	-	-	-	9,000
<b>C</b>	<b>Manufacturing</b>	<b>4,505,396</b>	<b>240,368</b>	<b>42,986</b>	<b>74,024</b>	<b>164,240</b>	<b>17,437</b>	<b>101,463</b>	<b>5,145,914</b>
	<b>Total</b>	<b>4,736,642</b>	<b>247,118</b>	<b>42,986</b>	<b>74,324</b>	<b>166,451</b>	<b>17,437</b>	<b>102,823</b>	<b>5,387,781</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

Table 35: Service Consumed by Activity (ISIC R4), 2012 (Tshs. '000')

ISIC REV 4	Descriptions	Contract and commission paid for work done on their materials	Cost of repairs and maintenance work	Postage and other communication costs	Rental of building, machinery, plant and equipment	Storage and hire of transport	Payment for bank charges	Publicity	Consultancy and other professional fees	Other	Total
081	Quarrying of stone, sand and clay	1,850	25,450	151,600	60	1,360	108	-	-	250	180,678
089	Mining and quarrying n.e.c.	-	5,400	74	30	795	-	-	-	-	2,269
<b>B</b>	<b>Mining and Quarrying</b>	<b>1,850</b>	<b>30,850</b>	<b>151,674</b>	<b>90</b>	<b>2,155</b>	<b>108</b>	<b>-</b>	<b>-</b>	<b>250</b>	<b>182,947</b>
103;104	Processing and preserving of fruit and vegetable ; Manufacture of vegetable and animal oils and fats	-	2,100	506	-	10	36	-	-	15	2,667
106	Manufacture of grain mill products, starches and starch products	-	16,337	412	-	48	250	600	-	-	17,497
107	Manufacture of other food products	-	10,605	3,508	16,960	7,992	262	362	-	507	39,296
110;120	Manufacture of beverages and tobacco products	859,951	115,415	29,450	36,608	8,542	2,400	16,370	16,836	43,127	1,128,430
139	Manufacture of other textiles	-	15	88	96	1,845	-	-	-	60	2,104
141;151;152	Manufacture of wearing apparel, except fur apparel, leather and related products and footwear	240	1,818	4,734	39,630	2,723	275	5,090	3,000	70	57,799
161	Sawmilling and planing of wood	-	200	-	-	-	-	-	-	-	200
181	Printing and service activities related to printing	-	4,681	24,479	34,279	6,766	2,758	-	1,500	-	74,463
202;221	Manufacture of other chemical products, Rubber products	130	28,103	9,940	23,004	12,393	12,912	-	11,400	16,166	114,048
222	Manufacture of plastics products	-	18,291	60	13,893	8,034	613	-	-	-	40,891
239	Manufacture of non-metallic mineral products n.e.c.	-	14,078	6,681	20,100	10,678	390	-	-	-	52,144
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	20,000	4,320	2,785	800	500	10	-	1,200	-	29,615
259	Manufacture of other fabricated metal products; metalworking service activities	200	1,267	5,916	2,900	3,000	-	-	-	798	14,081
301;310	Building of ships and boats and Manufacture of furniture	8,000	27,528	9,435	40,344	19,706	4,643	3,900	6,800	978	143,534
321	Manufacture of jewellery, bijouterie and related articles	-	-	400	-	-	-	151	-	116	667
<b>C</b>	<b>Manufacturing</b>	<b>888,521</b>	<b>244,757</b>	<b>98,393</b>	<b>228,614</b>	<b>82,237</b>	<b>24,549</b>	<b>26,474</b>	<b>40,736</b>	<b>61,837</b>	<b>1,717,433</b>
	<b>Total</b>	<b>890,371</b>	<b>275,607</b>	<b>250,067</b>	<b>228,704</b>	<b>84,392</b>	<b>24,657</b>	<b>26,474</b>	<b>40,736</b>	<b>62,087</b>	<b>1,900,380</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 36a: Number of Person Engaged by Activity (ISIC R4), 2012**

ISIC REV 4	Descriptions	June						December					
		Number of persons engaged (Tanzania)		Number of persons engaged (Foreign)		Total Number of persons engaged		Number of persons engaged (Tanzania)		Number of persons engaged (Foreign)		Total Number of persons engaged	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
081	Quarrying of stone, sand and clay	119	118	-	-	119	118	119	118	-	-	119	118
089	Mining and quarrying n.e.c.	48	32	-	-	48	32	55	45	-	-	55	45
<b>B</b>	<b>Mining and Quarrying</b>	<b>167</b>	<b>150</b>	<b>-</b>	<b>-</b>	<b>167</b>	<b>150</b>	<b>174</b>	<b>163</b>	<b>-</b>	<b>-</b>	<b>174</b>	<b>163</b>
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats	31	58	-	-	31	58	31	58	-	-	31	58
106	Manufacture of grain mill products, starches and starch products	95	68	2	-	97	68	96	68	2	-	98	68
107	Manufacture of other food products	333	14	-	1	333	15	334	14	-	1	334	15
110;120	Manufacture of beverages and tobacco products	183	46	5	-	188	46	182	46	5	-	187	46
139	Manufacture of other textiles	38	113	-	-	38	113	32	113	-	-	32	113
141; 151;152	Manufacture of wearing apparel, except fur apparel, leather and related products and footwear	171	444	2	-	173	444	166	433	2	-	168	433
161	Sawmilling and planing of wood	12	-	-	-	12	-	16	-	-	-	16	-
181	Printing and service activities related to printing	94	74	15	-	109	74	88	74	12	-	100	74
202;221	Manufacture of other chemical products, Rubber products	212	257	1	-	213	257	212	257	1	-	213	257
222	Manufacture of plastics products	16	12	3	-	19	12	23	15	6	-	29	15
239	Manufacture of non-metallic mineral products n.e.c.	603	73	-	-	603	73	601	73	-	-	601	73
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	18	-	2	-	20	-	20	-	2	-	22	-
259	Manufacture of other fabricated metal products; metalworking service activities	182	-	-	-	182	-	180	-	-	-	180	-
301;310	Building of ships and boats and Manufacture of furniture	672	51	5	-	677	51	673	53	4	-	677	53
321	Manufacture of jewellery, bijouterie and related articles	24	26	-	-	24	26	24	26	-	-	24	26
<b>C</b>	<b>Manufacturing</b>	<b>2,684</b>	<b>1,236</b>	<b>35</b>	<b>1</b>	<b>2,719</b>	<b>1,237</b>	<b>2,678</b>	<b>1,230</b>	<b>34</b>	<b>1</b>	<b>2,712</b>	<b>1,231</b>
	<b>Total</b>	<b>2,851</b>	<b>1,386</b>	<b>35</b>	<b>1</b>	<b>2,886</b>	<b>1,387</b>	<b>2,852</b>	<b>1,393</b>	<b>34</b>	<b>1</b>	<b>2,886</b>	<b>1,394</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 36b: Number of Persons Employed by Industrial Activity (ISIC R4), Employment Status and Gender**

ISIC REV 4	Descriptions	Managerial and professional staff		Operatives skilled		Operatives non skilled		Other		Grand Total person employed		Total person employed
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
081	Quarrying of stone, sand and clay	6	-	72	26	15	15	4	-	97	41	138
089	Mining and quarrying n.e.c.	3	5	13	3	4	19	-	-	20	27	47
<b>B</b>	<b>Mining and Quarrying</b>	<b>9</b>	<b>5</b>	<b>85</b>	<b>29</b>	<b>19</b>	<b>34</b>	<b>4</b>	<b>-</b>	<b>117</b>	<b>68</b>	<b>185</b>
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats	-	1	8	1	11	33	-	-	19	35	54
106	Manufacture of grain mill products, starches and starch products	7	4	19	4	40	7	12	-	78	15	93
107	Manufacture of other food products	20	1	253	7	29	3	4	3	306	14	320
110;120	Manufacture of beverages and tobacco products	12	-	67	10	71	31	27	5	177	46	223
139	Manufacture of other textiles	-	-	15	10	-	-	-	-	15	10	25
141;151;152	Manufacture of wearing apparel, except fur apparel, leather and related products and footwear	2	4	29	10	2	15	-	7	33	36	69
161	Sawmilling and planing of wood	-	-	4	-	12	-	-	-	16	-	16
181	Printing and service activities related to printing	23	15	54	48	11	11	11	-	99	74	173
202;221	Manufacture of other chemical products, Rubber products	7	6	37	28	132	16	6	13	182	63	245
222	Manufacture of plastics products	-	1	13	11	5	1	-	-	18	13	31
239	Manufacture of non-metallic mineral products n.e.c.	41	4	395	14	84	26	21	-	541	44	585
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	4	-	14	-	3	-	-	-	21	-	21
259	Manufacture of other fabricated metal products; metalworking service activities	23	-	97	-	13	-	3	-	136	-	136
301;310	Building of ships and boats and Manufacture of furniture	33	3	274	4	30	-	67	24	404	31	435
321	Manufacture of jewellery, bijouterie and related articles	-	-	-	-	-	-	-	-	-	-	-
<b>C</b>	<b>Manufacturing</b>	<b>172</b>	<b>39</b>	<b>1,279</b>	<b>147</b>	<b>443</b>	<b>143</b>	<b>151</b>	<b>52</b>	<b>2,045</b>	<b>381</b>	<b>2,426</b>
	<b>Total</b>	<b>181</b>	<b>44</b>	<b>1,364</b>	<b>176</b>	<b>462</b>	<b>177</b>	<b>155</b>	<b>52</b>	<b>2,162</b>	<b>449</b>	<b>2,611</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 37a: Components of Gross Output by Industrial Activity (ISIC R4), 2012 (Tshs. '000')**

ISIC REV 4	Descriptions	Local market	Exports	Change in Stock	Industrial Services	Non-industrial services consumed	Other	Cost of goods sold as purchased	Total Gross
081	Quarrying of stone, sand and clay	2,575,887	-	8,550	550	-	280	-	2,585,267
089	Mining and quarrying n.e.c.	45,713	-	3,240	-	-	-	-	48,953
<b>B</b>	<b>Mining and Quarrying</b>	<b>2,621,600</b>	<b>-</b>	<b>11,790</b>	<b>550</b>	<b>-</b>	<b>280</b>	<b>-</b>	<b>2,634,220</b>
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats	287,975	-	(14,534)	-	-	-	-	273,441
106	Manufacture of grain mill products, starches and starch products	21,406,573	-	484,336	-	8,921,468	-	9,219,154	21,593,223
107	Manufacture of other food products	10,147,580	196,560	15,410	110	-	-	25,372	10,334,288
110;120	Manufacture of beverages and tobacco products	7,424,773	-	(21,079)	94,644	122,278	5,500	365,056	7,261,060
139	Manufacture of other textiles	129,580	-	55	1,350	-	50	-	131,035
141;151;152	Manufacture of wearing apparel; except fur apparel; leather and related products and footwear	1,421,919	-	723,568	16,147	350	278,322	400	2,439,906
161	Sawmilling and planning of wood	115,200	-	2,000	-	-	-	-	117,200
181	Printing and service activities related to printing	1,959,998	-	(2,701)	113,444	150,000	-	105,000	2,115,741
202;221	Manufacture of other chemical products, Rubber products	324,776	3,077,987	(3,418)	-	48,405	9,000	-	3,456,750
222	Manufacture of plastics products	361,647	-	(4,435)	-	55,468	-	36,467	376,213
239	Manufacture of non-metallic mineral products n.e.c.	11,408,024	-	(21,489)	360	50,500	500	62,220	10,970,676
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	269,047	-	503	-	-	-	-	269,550
259	Manufacture of other fabricated metal products; metalworking service activities	3,217,800	-	(9,590)	450	75	9,000	150	3,217,585
301;310	Building of ships and boats and Manufacture of furniture	5,021,010	412,267	15,291	56,762	3,220	300	2,000	5,445,070
321	Manufacture of jewellery, bijouterie and related articles	44,726	-	(340)	-	-	-	-	44,386
<b>C</b>	<b>Manufacturing</b>	<b>63,540,628</b>	<b>3,686,815</b>	<b>1,163,578</b>	<b>283,267</b>	<b>9,351,763</b>	<b>302,672</b>	<b>9,815,819</b>	<b>68,046,124</b>
	<b>Total</b>	<b>66,162,228</b>	<b>3,686,815</b>	<b>1,175,368</b>	<b>283,817</b>	<b>9,351,763</b>	<b>302,952</b>	<b>9,815,819</b>	<b>70,680,344</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 37b: Electricity, Water and Fuels Consumed by Industrial Activity (ISIC R4), 2012 (Tshs. '000')**

ISIC REV 4	Descriptions	Description						
		Electricity	Water	Gas	Fuel for machines and vehicles	Wood, charcoal and peat	Other fuels	Total
081	Quarrying of stone, sand and clay	47,608	50	-	500,120	-	1,850	549,628
089	Mining and quarrying n.e.c.	-	-	-	872	-	108	980
<b>B</b>	<b>Mining and Quarrying</b>	<b>47,608</b>	<b>50</b>	<b>-</b>	<b>500,992</b>	<b>-</b>	<b>1,958</b>	<b>550,608</b>
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats	2,710	24	-	700	1,380	300	5,114
106	Manufacture of grain mill products, starches and starch products	3,120	32	-	19,950	-	821	23,923
107	Manufacture of other food products	23,929	10,460	-	42,002	269,228	28,589	374,209
110;120	Manufacture of beverages and tobacco products	240,917	21,120	-	420,958	-	60,348	743,343
139	Manufacture of other textiles	455	96	-	-	192	-	743
141;151;152	Manufacture of wearing apparel, except fur apparel, leather and related products and footwear	10,379	330	100	7,213	1,080	276	19,377
161	Sawmilling and planing of wood	1,000	-	-	-	-	960	1,960
181	Printing and service activities related to printing	68,913	196	-	41,642	-	-	110,751
202;221	Manufacture of other chemical products, Rubber products	14,676	644	-	129,625	10,819	44,650	200,414
222	Manufacture of plastics products	24,640	-	-	-	-	120	24,760
239	Manufacture of non-metallic mineral products n.e.c.	69,098	5,227	-	600,600	336	7,107	682,368
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	3,270	36	-	4,013	-	-	7,319
259	Manufacture of other fabricated metal products; metalworking service activities	6,506	-	1,200	2,016	3,072	319	13,114
301;310	Building of ships and boats and Manufacture of furniture	56,942	40	460	51,475	-	2,213	111,130
321	Manufacture of jewellery, bijouterie and related articles	826	-	-	-	420	-	1,246
<b>C</b>	<b>Manufacturing</b>	<b>527,381</b>	<b>38,205</b>	<b>1,760</b>	<b>1,320,194</b>	<b>286,527</b>	<b>145,703</b>	<b>2,319,770</b>
	<b>Total</b>	<b>574,989</b>	<b>38,255</b>	<b>1,760</b>	<b>1,821,186</b>	<b>286,527</b>	<b>147,661</b>	<b>2,870,379</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar

**Table 38(a): Sales of Product by Category and Destination, 2012-Value (Tshs. '000')**

CPC Codes	Descriptions	Local Sold Value	Exported Value	Total
15120	Marble and other calcareous monumental or building stone	48,686	-	48,686
15200	Gypsum; anhydrite; limestone flux; limestone and other calcareous stone, of a kind used for the manufacture of lime or c	40,750	-	40,750
16200	Salt and pure sodium chloride; sea water	45,713	-	45,713
21494	Jams, fruit jellies, marmalades, fruit or nut purree and fruit or nut pastes	6,085	-	6,085
21495	Nuts, groundnuts and other seeds, roasted, salted or otherwise prepared n.e.c.	600	-	600
21546	Coconut oil, refined	111,000	-	111,000
21710	Oil-cake and other solid residues, of vegetable fats or oils	5,483,797	-	5,483,797
22249	Butter and other fats and oils derived from other milk	5,760	-	5,760
23110	Wheat and Maslin flour	186,970,468	-	186,970,468
23410	Crisp bread; rusks, toasted bread and similar toasted products	92,640	-	92,640
23490	Bread and other bakers' wares	7,070,870	196,560	7,267,430
23710	Uncooked pasta, not stuffed or otherwise prepared	2,520,000	-	2,520,000
23912	Coffee substitutes containing coffee; extracts, essences and concentrates of coffee, and preparations with a basis there	261,390	-	261,390
23926	Cloves (whole stems), processed	18,000	-	18,000
24410	Bottled waters, not sweetened or flavoured	7,396,273	-	7,396,273
27130	Curtains (including drapes) and interior blinds; curtain or bed valances	51,650	-	51,650
27170	Parachutes	-	1,197,900	1,197,900
27290	Other carpets and textile floor coverings (including those of felt)	25,745	-	25,745
27310	Twine, cordage, rope and cables	91,605	-	91,605
27320	Knotted netting of twine, cordage or rope; made up nets of textile materials; articles of yarn, strip, twine, cordage, r	34,250	-	34,250
28221	Men's or boys' suits, coats, jackets, trousers, shorts and the like, knitted or crocheted	679,026	-	679,026
28223	Women's or girls' suits, coats, jackets, dresses, skirts, trousers, shorts and the like, knitted or crocheted	194,816	-	194,816
28224	Women's or girls' blouses, shirts, petticoats, panties, nightdresses, dressing gowns and similar articles, knitted or cr	617,351	-	617,351
29220	Luggage, handbags and the like, of leather, composition leather, plastic sheeting, textile materials, vulcanized fibre o	1,020	-	1,020
29330	Footwear with uppers of leather, other than sports footwear, footwear incorporating a protective metal toe-cap and misce	10,750	-	10,750
31100	Wood, sawn or chipped lengthwise, sliced or peeled, of a thickness exceeding 6 mm; railway or tramway sleepers (cross-ti	472,775	-	472,775
32700	Registers, account books, notebooks, letter pads, diaries and similar articles, blotting-pads, binders, file covers, for	73,500	-	73,500
35321	Soap; organic surface-active products and preparations for use as soap; paper, wadding, felt and nonwovens, impregnated,	202,175	-	202,175

37520	Boards, blocks and similar articles of vegetable fibre, straw or wood waste agglomerated with mineral binders	10,709,892	-	10,709,892
37560	Other articles of cement, concrete or artificial stone	140,732	-	140,732
38112	Seats, primarily with wooden frames	7,900	24,000	31,900
38119	Other seats	72,750	-	72,750
38122	Other wooden furniture, of a kind used in offices	141,530	-	141,530
38140	Other furniture n.e.c	3,542,765	388,267	3,931,032
38240	Jewellery and other articles of precious metal or of metal clad with precious metal; articles of natural or cultured pearl	39,236	-	39,236
42912	Table, kitchen or other household articles and parts thereof, of iron, steel, copper or aluminium; cooking or heating appliances	367,380	-	367,380
42931	Tanks, casks, drums, cans, boxes and similar containers (other than for compressed or liquefied gas) of iron, steel or aluminium	1,067,040	-	1,067,040
42943	Cloth, grill, netting and fencing, of iron or steel wire; expanded metal of iron or steel	645,960	-	645,960
44112	Harrows, scarifiers, cultivators, welders and hoes	1,265,400	-	1,265,400
44513	Machinery used in the milling industry or for the working of cereals or dried leguminous vegetables other than farm-type	7,649,315	-	7,649,315
47610	Musical audio disks, tapes or other physical media	1,016,945	-	1,016,945
49410	Sailboats (except inflatable), with or without auxiliary motor	323,500	-	323,500
87220	Repair services of watches, clocks and jewellery	3,000	-	3,000
88140	Vegetable and animal oil and fat manufacturing services	208,521	1,880,087	2,088,608
88190	Tobacco manufacturing services	28,500	-	28,500
88426	Soap, detergents, cleaning preparation and perfume manufacturing services	62,400	-	62,400
88774	Mining, quarrying and construction machinery manufacturing services	2,859,051	-	2,859,051
89121	Printing services	1,034,200	-	1,034,200
99998	Other	1,140,473	-	1,140,473
<b>Total</b>		<b>244,853,184</b>	<b>3,686,815</b>	<b>248,539,999</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 38c : Value and Percentage of Sales From Own Production (Tshs. '000')**

<b>Descriptions</b>	<b>Value of Sales</b>	<b>Percent</b>
Local Sold Value	244,853,184	98.52
Exported Value	3,686,815	1.48
<b>Total</b>	<b>248,539,999</b>	<b>100.00</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 39a: Value of Fixed Assets at the End of the Year by Industrial Activity (ISIC R4), 2012 (Tshs. '000')**

ISIC REV 4	Descriptions	Type					Total
		Land	Buildings and other construction works	Transport equipment	Machinery and other equipment	Other	
081	Quarrying of stone, sand and clay	206,400	194,808	668,250	1,207,384	9,350	2,286,192
089	Mining and quarrying n.e.c.	8,114	12,221	-	2,474	-	22,809
<b>B</b>	<b>Mining and Quarrying</b>	<b>214,514</b>	<b>207,029</b>	<b>668,250</b>	<b>1,209,858</b>	<b>9,350</b>	<b>2,309,001</b>
103;104	Processing and preserving of fruit and vegetable and animal oil Manufacture of vegetable and animal oils and fats	12,000	62,592	6,000	39,369	-	119,961
106	Manufacture of grain mill products, starches and starch products	960	86,208	26,250	69,010	-	182,428
107	Manufacture of other food products	37,152	663,822	95,250	433,708	510	1,230,431
110;120	Manufacture of beverages and tobacco products	-	392,508	177,512	2,405,663	34,734	3,010,418
139	Manufacture of other textiles	2,880	13,520	-	8,444	-	24,844
141; 151;152	Manufacture of wearing apparel, except fur apparel, leather and related products and footwear	1,156	5,203	18,000	79,855	8,585	109,449
161	Sawmilling and planning of wood	28,800	-	-	21,250	-	50,050
181	Printing and service activities related to printing	-	-	716,121	772,781	-	56,660
202;221	Manufacture of other chemical products, Rubber products	24,616	908,622	50,638	1,456,889	3,582	2,444,541
222	Manufacture of plastics products	-	-	-	3,502	-	3,502
239	Manufacture of non-metallic mineral products n.e.c.	574,960	458,712	427,605	440,970	1,955	1,766,444
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	-	76,800	25,200	52,020	2,742	156,762
259	Manufacture of other fabricated metal products; metalworking service activities	7,008	106,224	1,086	79,146	595	194,059
301;310	Building of ships and boats and Manufacture of furniture	1,056,750	270,959	168,171	806,313	78,640	2,147,725
321	Manufacture of jewellery, bijouterie and related articles	-	2,425	-	2,032	255	4,707
<b>C</b>	<b>Manufacturing</b>	<b>1,746,282</b>	<b>3,047,595</b>	<b>1,711,834</b>	<b>6,670,950</b>	<b>131,598</b>	<b>11,501,979</b>
	<b>Total</b>	<b>1,960,796</b>	<b>3,254,624</b>	<b>2,380,084</b>	<b>7,880,808</b>	<b>140,948</b>	<b>13,810,979</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 39b: Net Investment by Industrial Activity (ISIC R4), 2012 (Tshs. '000')**

ISIC REV 4	Descriptions	Type					Total
		Land	Buildings and other construction works	Transport equipment	Machinery and other equipment	Other	
081	Quarrying of stone, sand and clay	-	-	-	-	-	-
089	Mining and quarrying n.e.c.	50	-	-	-	-	50
<b>B</b>	<b>Mining and Quarrying</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50</b>
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats	-	-	-	-	-	-
106	Manufacture of grain mill products, starches and starch products	-	-	-	100	-	100
107	Manufacture of other food products	-	150	-	(1,080)	-	(930)
110;120	Manufacture of beverages and tobacco products	-	12,088	-	1,670,932	2,296	1,685,316
139	Manufacture of other textiles	-	-	-	60	-	60
141; 151;152	Manufacture of wearing apparel; except fur apparel; leather and related products and footwear	100	-	-	2,060	-	2,160
161	Sawmilling and planing of wood	-	-	-	-	-	-
181	Printing and service activities related to printing	-	-	60,920	60,920	-	-
202;221	Manufacture of other chemical products, Rubber products	-	-	-	46	2,711	2,757
222	Manufacture of plastics products	-	-	-	-	-	-
239	Manufacture of non-metallic mineral products n.e.c.	-	-	-	6,200	-	6,200
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	-	-	-	-	-	-
259	Manufacture of other fabricated metal products; metalworking service activities	-	-	-	-	-	-
301;310	Building of ships and boats and Manufacture of furniture	-	8,192	-	2,359	3,000	7,551
321	Manufacture of jewellery, bijouterie and related articles	-	-	-	-	-	-
<b>C</b>	<b>Manufacturing</b>	<b>100</b>	<b>20,430</b>	<b>60,920</b>	<b>1,741,597</b>	<b>8,007</b>	<b>1,703,214</b>
	<b>Total</b>	<b>150</b>	<b>20,430</b>	<b>60,920</b>	<b>1,741,597</b>	<b>8,007</b>	<b>1,703,264</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 40: Change in Stock by Industrial Activity (ISIC R4),2012 (Tshs. '000')**

ISIC REV 4	Descriptions	Materials,			Good	Total
		Supplies and fuel	Work in Progress	Finished Product	Purchased for resale	
081	Quarrying of stone, sand and clay	360	-	8,550	-	8,910
089	Mining and quarrying n.e.c.	62	-	3,240	-	3,302
<b>B</b>	<b>Mining and Quarrying</b>	<b>422</b>	<b>-</b>	<b>11,790</b>	<b>-</b>	<b>12,212</b>
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats	112	456	(14,990)	-	(14,422)
106	Manufacture of grain mill products, starches and starch products	4,582,297	-	(30,472)	514,808	5,066,633
107	Manufacture of other food products	(9,909)	19,140	(3,730)	-	5,501
110;120	Manufacture of beverages and tobacco products	(229,501)	(1,350)	(19,729)	-	(250,580)
139	Manufacture of other textiles	910	(150)	205	-	965
141; 151;152	Manufacture of wearing apparel; except fur apparel; leather and related products and footwear	(60,377)	(11,110)	358,128	376,550	663,191
161	Sawmilling and planing of wood	5,000	2,000	-	-	7,000
181	Printing and service activities related to printing	39,020	-	(2,701)	-	36,319
202;221	Manufacture of other chemical products, Rubber products	404,177	1,800	(5,218)	-	400,759
222	Manufacture of plastics products	(45,535)	-	(4,435)	-	(49,970)
239	Manufacture of non-metallic mineral products n.e.c.	2,410	(8,100)	(389)	(13,000)	(19,079)
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1,615	503	-	-	2,119
259	Manufacture of other fabricated metal products; metalworking service activities	7,835	(660)	(8,930)	-	(1,755)
301;310	Building of ships and boats and Manufacture of furniture	31,458	7,023	18,068	(9,800)	46,749
321	Manufacture of jewellery, bijouterie and related articles	55	185	(525)	-	(285)
<b>C</b>	<b>Manufacturing</b>	<b>4,729,567</b>	<b>9,737</b>	<b>285,283</b>	<b>868,558</b>	<b>5,893,145</b>
	<b>Total</b>	<b>4,729,989</b>	<b>9,737</b>	<b>297,073</b>	<b>868,558</b>	<b>5,905,357</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 41 :Challenges Encountered (in per cent) -Industrial Sector**

<b>Challenges</b>	<b>Responses</b>	<b>Per cent</b>
Insufficient demand	117	15.1
Shortage of raw materials	73	9.4
High taxes	32	4.1
Insufficient production capacity	32	4.1
Shortage of qualified labor	30	3.9
Lack of equipment	43	5.6
Transport problems	30	3.9
Insufficient production area	27	3.5
Inadequate supply of electricity	61	7.9
Economic environment	15	1.9
High cost of production	45	5.8
Financial problems	112	14.5
Foreign Currency	8	1.0
Inflation	39	5.0
Depreciation of currency	15	1.9
Illegal import	4	0.5
Inadequate water supply	13	1.7
Lack feasibility study	10	1.3
Others	68	8.8
<b>Total</b>	<b>774</b>	<b>100.0</b>

*Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.*

**Table 42: Utilization of Production Capacity by Activity in Percentage**

<b>ISIC</b>	<b>Activity of the Establishment:</b>	<b>Capacity Utilization</b>
081	Quarrying of stone, sand and clay	63
089	Mining and quarrying n.e.c.	53
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats	50
106	Manufacture of grain mill products, starches and starch products	54
107; 110;120	Manufacture of other food products, Manufacture of beverages and tobacco products	70
139	Manufacture of other textiles	50
141;151;152	Manufacture of wearing apparel, except fur apparel, leather and related products and footwear	57
161	Sawmilling and planning of wood	50
181	Printing and service activities related to printing	68
202; 221;222	Manufacture of other chemical products, Rubber products Manufacture of plastics products	49
239	Manufacture of non-metallic mineral products n.e.c.	70
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	63
259	Manufacture of other fabricated metal products; metalworking service activities	67
301;310	Building of ships and boats and Manufacture of furniture	63
321	Manufacture of jewellery, bijouterie and related articles	53
<b>Average Capacity Utilization</b>		<b>62</b>

*Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.*

**Table 43: Principal Indicators by Industrial Activity (ISIC R4),2012 (Tshs. '000')**

ISIC REV 4	Descriptions	Number of Establishment	Gross Output per Establishment	Gross Out put per Workers	Value Added as a percent of GO	Value Added per Establishment	Value Added per Workers	Compensation of Employees	
								Per employee per month	As a percent of VA
081	Quarrying of stone, sand and clay	13	198,867	10,908	50.29	100,005	5,486	121	15.38
089	Mining and quarrying n.e.c.	6	8,159	490	85.89	7,007	420	72	87.66
<b>B</b>	<b>Mining and Quarrying</b>	<b>19</b>	<b>207,026</b>	<b>11,398</b>	<b>50.95</b>	<b>107,013</b>	<b>5,906</b>	<b>59</b>	<b>103.04</b>
103;104	Processing and preserving of fruit and vegetable; Manufacture of vegetable and animal oils and fats	5	54,688	3,072	63.32	34,628	1,945	180	69.15
106	Manufacture of grain mill products, starches and starch products	8	2,699,153	130,080	45.78	1,235,586	59,546	98	1.11
107	Manufacture of other food products	27	382,751	29,611	16.96	64,926	5,023	156	34.18
110;120	Manufacture of beverages and tobacco products	4	1,815,265	31,163	37.63	683,008	11,725	293	28.67
139	Manufacture of other textiles	8	16,379	904	67.25	11,015	608	74	25.24
141; 151;152	Manufacture of wearing apparel; except fur apparel, leather and related products and footwear	34	71,762	4,060	84.54	60,670	3,432	125	5.00
161	Sawmilling and planing of wood	1	117,200	7,325	40.99	48,040	3,003	166	66.18
181	Printing and service activities related to printing	3	705,247	12,159	57.30	404,082	6,967	269	46.02
202;221	Manufacture of other chemical products, Rubber products	14	246,911	7,355	59.67	147,340	4,389	197	28.14
222	Manufacture of plastics products	2	188,106	8,550	36.32	68,325	3,106	127	34.59
239	Manufacture of non-metallic mineral products n.e.c.	48	228,556	16,277	38.93	88,979	6,337	142	23.29
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	2	134,775	12,252	60.80	81,948	7,450	89	13.64
259	Manufacture of other fabricated metal products; metalworking service activities	13	247,507	17,875	90.30	223,494	16,141	144	8.08
301;310	Building of ships and boats and Manufacture of furniture	44	123,752	7,459	49.74	61,551	3,710	156	30.08
321	Manufacture of jewellery, bijouterie and related articles	3	14,795	888	82.12	12,150	729	-	24.69
<b>C</b>	<b>Manufacturing</b>	<b>216</b>	<b>7,046,847</b>	<b>289,031</b>	<b>44.44</b>	<b>3,225,741</b>	<b>134,111</b>	<b>106</b>	<b>438.06</b>
	<b>Total</b>	<b>235</b>	<b>300,767</b>	<b>16,514</b>	<b>44.68</b>	<b>134,385</b>	<b>1,200</b>	<b>168</b>	<b>16.68</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 44 : Comparison of Selected Items between 2008 Census of Industrial Production and 2012 Census of Industrial Production (Large Establishment)**

Industrial Activity	Unit	Years				%Change		
		1988	2001	2008	2012	2001	2008	2012
<b>Mining and Quarrying</b>								
Number of Establishment	Nos	10	5	14	19	-50	180	35.71
Persons Engaged	Nos	825	196	373	337	-76.24	90.3	-9.65
Compensation of Employees	Mill.TShs	11.71	88.24	405	241	653.54	358.97	-40.49
Total Output	Mill.TShs	26.09	724.1	1,533	2,634	2,675.39	111.71	71.82
Intermediate Consumption	Mill.TShs	9.83	369.39	436	1,292	3,657.78	18.03	196.33
Value Added	Mill.TShs	16.26	354.71	1,097	1,342	2,081.49	209.27	22.33
<b>Manufacturing</b>								
Number of Establishment	Nos	102	88	136	216	-13.73	54.55	58.82
Persons Engaged	Nos	3,437	1,701	3,195	3943	-50.51	87.83	23.41
Compensation of Employees	Mill.TShs	69.66	1,112.23	3,556	5,027	1,496.66	219.72	41.37
Total Output	Mill.TShs	587.05	8,889.58	28,211	68,046	1,414.28	217.35	141.25
Intermediate Consumption	Mill.TShs	594.82	4,034.92	14,412	37,808	578.34	257.18	162.34
Value Added	Mill.TShs	92.24	4,854.66	13,799	30,238	5,163.07	184.24	119.13

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 45: Number of Establishments by Activity and Form of Ownership (ISIC R4), 2012**

ISIC REV 4	Descriptions	Form of Ownership								Total
		Individual proprietorship	Partnership	Public	Parastatal	Cooperative	Private company	Private limited company	Other	
0810	Quarrying of stone, sand and clay	7	-	2	-	4	-	-	-	13
0893	Extraction of salt	2	1	-	-	3	-	-	-	6
<b>B</b>	<b>Mining and Quarrying</b>	<b>9</b>	<b>1</b>	<b>2</b>	<b>-</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>19</b>
1030; 1040	Manufacture of vegetable and animal oils and fats	2	-	-	-	3	-	-	-	5
1061	Manufacture of grain mill products	2	-	-	-	6	-	-	-	8
1071	Manufacture of bakery products	21	2	-	-	-	-	-	-	23
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	2	-	-	-	-	-	-	-	2
1079	Manufacture of other food products n.e.c.	1	-	-	-	1	-	-	-	2
1104;1200	Manufacture of soft drinks; production of mineral waters and other bottled waters, Manufacture of Tobacco products	2	-	-	-	-	1	1	-	4
1393	Manufacture of carpets and rugs	1	-	-	-	3	-	-	-	4
1394	Manufacture of cordage, rope, twine and netting	-	1	-	-	3	-	-	-	4
1410	Manufacture of wearing apparel, except fur apparel	7	-	1	-	23	-	2	1	34
1610	Sawmilling and planing of wood	1	-	-	-	-	-	-	-	1
1811;1820	Printing, Reproduction of recorded media product	-	-	1	-	-	-	2	-	3
2023;2029	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations, other chemical products	1	-	1	-	11	-	1	-	14
2011; 2220	Manufacture of plastics products, manufacture of rubber	1	-	-	-	-	-	1	-	2
2392	Manufacture of clay building materials	-	-	-	-	2	-	-	-	2
2395	Manufacture of articles of concrete, cement and plaster	39	-	-	1	4	-	-	-	44
2396	Cutting, shaping and finishing of stone	2	-	-	-	-	-	-	-	2
2511	Manufacture of structural metal products	1	-	-	-	-	-	1	-	2
2599	Manufacture of other fabricated metal products n.e.c.	7	2	-	-	3	-	-	1	13
3100;3012	Building of pleasure and sporting boats, Manufacture of furniture	20	1	3	-	19	-	1	-	44
3212	Manufacture of imitation jewellery and related articles	-	-	-	-	3	-	-	-	3
<b>C</b>	<b>Manufacturing</b>	<b>110</b>	<b>6</b>	<b>6</b>	<b>1</b>	<b>81</b>	<b>1</b>	<b>9</b>	<b>2</b>	<b>216</b>
	<b>Total</b>	<b>119</b>	<b>7</b>	<b>8</b>	<b>1</b>	<b>88</b>	<b>1</b>	<b>9</b>	<b>2</b>	<b>235</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 46: Number of Establishments by Activity and Employment Size (ISIC R4), 2012**

ISIC REV 4	Descriptions	Persons engaged						Total
		< 10	10-19	20-49	50-99	100-499	500+	
0810	Quarrying of stone, sand and clay	-	8	5	-	-	-	13
0893	Extraction of salt	-	4	2	-	-	-	6
<b>B</b>	<b>Mining and Quarrying</b>	-	<b>12</b>	<b>7</b>	-	-	-	<b>19</b>
1030;1040	Manufacture of vegetable and animal oils and fats	-	4	1	-	-	-	5
1061	Manufacture of grain mill products	-	6	1	1	-	-	8
1071	Manufacture of bakery products	-	23	-	-	-	-	23
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	-	2	-	-	-	-	2
1079	Manufacture of other food products n.e.c.	-	1	1	-	-	-	2
1104;1200	Manufacture of soft drinks; production of mineral waters and other bottled waters, Manufacture of Tobacco products	-	1	-	3	-	-	4
1393	Manufacture of carpets and rugs	-	3	1	-	-	-	4
1394	Manufacture of cordage, rope, twine and netting	-	3	1	-	-	-	4
1410	Manufacture of wearing apparel, except fur apparel	-	23	10	1	-	-	34
1610	Sawmilling and planning of wood	-	1	0	-	-	-	1
1811;1820	Printing, Reproduction of recorded media product	-	0	2	-	1	-	3
2023; 2029	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations, other chemical products	-	6	7	-	1	-	14
2011; 2220	Manufacture of plastics products, manufacture of rubber	-	1	1	-	-	-	2
2392	Manufacture of clay building materials	-	2	-	-	-	-	2
2395	Manufacture of articles of concrete, cement and plaster	-	39	5	-	-	-	44
2396	Cutting, shaping and finishing of stone	-	1	1	-	-	-	2
2511	Manufacture of structural metal products	-	2	-	-	-	-	2
2599	Manufacture of other fabricated metal products n.e.c.	-	11	2	-	-	-	13
3100; 3012	Building of pleasure and sporting boats, Manufacture of furniture	-	35	7	2	-	-	44
3212	Manufacture of imitation jewellery and related articles	-	2	1	-	-	-	3
<b>C</b>	<b>Manufacturing</b>	-	<b>166</b>	<b>41</b>	<b>7</b>	<b>2</b>	-	<b>216</b>
	<b>Total</b>	-	<b>178</b>	<b>48</b>	<b>7</b>	<b>2</b>	-	<b>235</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 47: Number of Person Employed by Activity (ISIC R4),2012**

ISIC REV 4	Descriptions	Working proprietors and partners		Unpaid workers		Managerial and professional staff		Operatives - skilled		Operatives -non skilled		Other		Grand Total person employed		Total person employed
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
0810	Quarrying of stone, sand and clay	22	75	-	2	6	-	72	26	15	15	4	-	119	118	237
0893	Extraction of salt	35	18	-	-	3	5	13	3	4	19	-	-	55	45	100
<b>B</b>	<b>Mining and Quarrying</b>	<b>57</b>	<b>93</b>	<b>-</b>	<b>2</b>	<b>9</b>	<b>5</b>	<b>85</b>	<b>29</b>	<b>19</b>	<b>34</b>	<b>4</b>	<b>-</b>	<b>174</b>	<b>163</b>	<b>337</b>
1030; 1040	Manufacture of vegetable and animal oils and fats	12	23	-	-	-	1	8	1	11	33	-	-	31	58	89
1061	Manufacture of grain mill products	13	51	57	93	-	2	9	5	85	29	19	34	4	-	174
1071	Manufacture of bakery products	28	-	-	-	19	-	225	-	24	1	-	-	296	1	297
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	-	-	-	-	-	-	22	-	-	-	-	-	22	-	22
1079	Manufacture of other food products n.e.c.	-	1	-	-	1	1	6	7	5	2	4	3	16	14	30
1104; 1200	Manufacture of soft drinks; production of mineral waters and other bottled waters, Manufacture of Tobacco products	1	-	9	-	12	-	67	10	71	31	27	5	187	46	233
1393	Manufacture of carpets and rugs	23	42	-	-	-	-	5	7	-	-	-	-	28	49	77
1394	Manufacture of cordage, rope, twine and netting	12	43	-	-	-	-	10	3	-	-	-	-	22	46	68
1410	Manufacture of wearing apparel, except fur apparel	104	324	46	58	2	4	29	10	2	15	-	7	183	418	601
1610	Sawmilling and planing of wood	-	-	-	-	-	-	4	-	12	-	-	-	16	-	16
1811; 1820	Printing, Reproduction of recorded media product	1	-	-	-	23	15	54	48	11	11	11	-	100	74	174
2023; 2029	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations, other chemical products	31	194	-	-	7	6	37	28	132	16	6	13	213	257	470
2011; 2220	Manufacture of plastics products, manufacture of rubber	11	2	-	-	-	1	13	11	5	1	-	-	29	15	44
2392	Manufacture of clay building materials	3	28	-	-	-	-	-	-	-	-	-	-	3	28	31
2395	Manufacture of articles of concrete, cement and plaster	57	-	-	-	41	4	387	8	81	4	21	-	587	16	603
2396	Cutting, shaping and finishing of stone	1	-	-	-	-	-	8	6	3	22	-	-	12	28	40
2511	Manufacture of structural metal products	1	-	-	-	4	-	14	-	3	-	-	-	22	-	22
2599	Manufacture of other fabricated metal products n.e.c.	44	-	-	-	23	-	97	-	13	-	3	-	180	-	180
3100; 3012	Building of pleasure and sporting boats, Manufacture of furniture	274	5	-	16	33	3	274	4	30	0	67	24	678	52	730
3212	Manufacture of imitation jewellery and related articles	24	26	-	-	-	-	-	-	-	-	-	-	24	26	50
<b>C</b>	<b>Manufacturing</b>	<b>640</b>	<b>739</b>	<b>62</b>	<b>76</b>	<b>172</b>	<b>39</b>	<b>1279</b>	<b>147</b>	<b>443</b>	<b>143</b>	<b>151</b>	<b>52</b>	<b>2,747</b>	<b>1,196</b>	<b>3,943</b>
	<b>Total</b>	<b>697</b>	<b>832</b>	<b>62</b>	<b>78</b>	<b>181</b>	<b>44</b>	<b>1364</b>	<b>176</b>	<b>462</b>	<b>177</b>	<b>155</b>	<b>52</b>	<b>2,921</b>	<b>1,359</b>	<b>4,280</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 48: Number of Person Engaged by Activity (ISIC R4),2012**

ISIC REV 4	Descriptions	June						December					
		Number of persons engaged (Tanzania)		Number of persons engaged (Foreign)		Total Persons Engaged		Number of persons engaged (Tanzania)		Number of persons engaged (Foreign)		Total Persons Engaged	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0810	Quarrying of stone, sand and clay	119	118	-	-	119	118	119	118	-	-	119	118
0893	Extraction of salt	48	32	-	-	48	32	55	45	-	-	55	45
<b>B</b>	<b>Mining and Quarrying</b>	<b>167</b>	<b>150</b>	<b>-</b>	<b>-</b>	<b>167</b>	<b>150</b>	<b>174</b>	<b>163</b>	<b>-</b>	<b>-</b>	<b>174</b>	<b>163</b>
1030; 1040	Manufacture of vegetable and animal oils and fats	31	58	-	-	31	58	31	58	-	-	31	58
1061	Manufacture of grain mill products	95	68	2	-	97	68	96	68	2	-	98	68
1071	Manufacture of bakery products	295	1	-	-	295	1	296	1	-	-	296	1
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	22	-	-	-	22	-	22	-	-	-	22	-
1079	Manufacture of other food products n.e.c.	16	13	-	1	16	14	16	13	-	1	16	14
1104;1200	Manufacture of soft drinks; production of mineral waters and other bottled waters, Manufacture of Tobacco products	183	46	5	-	188	46	182	46	5	-	187	46
1393	Manufacture of carpets and rugs	16	67	-	-	16	67	10	67	-	-	10	67
1394	Manufacture of cordage, rope, twine and netting	22	46	-	-	22	46	22	46	-	-	22	46
1410	Manufacture of wearing apparel, except fur apparel	171	444	2	-	173	444	166	433	2	-	168	433
1610	Sawmilling and planing of wood	12	0	0	-	12	-	16	-	-	-	16	-
1811;1820	Printing, Reproduction of recorded media product	94	74	15	-	109	74	88	74	12	-	100	74
2023; 2029	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations, other chemical products	212	257	1	-	213	257	212	257	1	-	213	257
2011; 2220	Manufacture of plastics products, manufacture of rubber	16	12	3	-	19	12	23	15	6	-	29	15
2392	Manufacture of clay building materials	3	28	-	-	3	28	3	28	-	-	3	28
2395	Manufacture of articles of concrete, cement and plaster	588	17	-	-	588	17	586	17	-	-	586	17
2396	Cutting, shaping and finishing of stone	12	28	-	-	12	28	12	28	-	-	12	28
2511	Manufacture of structural metal products	18	-	2	-	20	-	20	-	2	-	22	-
2599	Manufacture of other fabricated metal products n.e.c.	182	-	-	-	182	-	180	-	-	-	180	-
3100;3012	Building of pleasure and sporting boats; Manufacture of furniture	672	51	5	-	677	51	673	53	4	-	677	53
3212	Manufacture of imitation jewellery and related articles	24	26	-	-	24	26	24	26	-	-	24	26
	<b>Manufacturing</b>	<b>2,684</b>	<b>1,236</b>	<b>35</b>	<b>1</b>	<b>2,719</b>	<b>1,237</b>	<b>2,678</b>	<b>1,230</b>	<b>34</b>	<b>1</b>	<b>2,712</b>	<b>1,231</b>
	<b>Total</b>	<b>2,851</b>	<b>1,386</b>	<b>35</b>	<b>1</b>	<b>2,886</b>	<b>1,387</b>	<b>2,852</b>	<b>1,393</b>	<b>34</b>	<b>1</b>	<b>2,886</b>	<b>1,394</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 49: Stocks Held by Industrial Activity (Tshs. '000')**

ISIC REV 4	Descriptions	At the Beginning					At the End				
		Materials and supplies	Work in progress	Finished products	Goods purchased for resale	Total	Materials and supplies	Work in progress	Finished products	Goods purchased for resale	Total
0810	Quarrying of stone, sand and clay	1,540	-	3,350	-	4,890	1,900	-	11,900	-	13,800
0893	Extraction of salt	1,200	-	100	-	1,300	1,262	-	3,340	-	4,602
<b>B</b>	<b>Mining and Quarrying</b>	<b>2,740</b>	<b>-</b>	<b>3,450</b>	<b>-</b>	<b>6,190</b>	<b>3,162</b>	<b>-</b>	<b>15,240</b>	<b>-</b>	<b>18,402</b>
1030	Processing and preserving of fruit and vegetables	-	-	-	-	-	117	456	-	-	573
1040	Manufacture of vegetable and animal oils and fats	100	-	40,200	-	40,300	95	-	25,210	-	25,305
1061	Manufacture of grain mill products	-	-	-	-	-	-	-	-	-	-
1071	Manufacture of bakery products	19,138	220	1,136	-	20,494	9,209	300	1,086	-	10,595
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	-	-	-	-	-	-	-	-	-	-
1079	Manufacture of other food products n.e.c.	100	7,200	12,650	-	19,950	120	26,260	8,970	-	35,350
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	643,658	-	159,545	-	803,203	414,557	-	142,416	-	556,973
1200	Manufacture of tobacco products	900	1,800	6,000	-	8,700	500	450	3,400	-	4,350
1393	Manufacture of carpets and rugs	-	140	-	-	140	-	200	20	-	220
1394	Manufacture of cordage, rope, twine and netting	750	570	115	-	1,435	1,660	360	300	-	2,320
1410	Manufacture of wearing apparel, except fur apparel	132,599	44,125	53,532	15,100	245,356	72,072	33,015	411,710	391,650	908,447
1512	Manufacture of luggage, handbags and the like, saddlery and harness	-	-	-	-	-	-	-	-	-	-
1520	Manufacture of footwear	150	-	50	-	200	300	-	-	-	300
1610	Sawmilling and planning of wood	1,000	12,000	-	-	13,000	6,000	14,000	-	-	20,000
1811	Printing	44,430	500	1,000	-	45,930	83,450	500	2,000	-	85,950
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	169	200	440	-	809	338	2,000	382	-	2,720
2029	Manufacture of other chemical products n.e.c.	-	-	5,160	-	5,160	402,638	-	-	-	402,638
2219	Manufacture of other rubber products	37,830	-	-	-	37,830	39,200	-	-	-	39,200
2220	Manufacture of plastics products	351,042	-	16,271	-	367,313	305,507	-	11,836	-	317,343
2392	Manufacture of clay building materials	130	-	400	-	530	180	-	380	-	560
2395	Manufacture of articles of concrete, cement and plaster	27,335	10,000	35,881	17,000	90,216	28,995	1,900	40,780	4,000	75,675
2396	Cutting, shaping and finishing of stone	-	-	-	-	-	-	-	-	-	-
2511	Manufacture of structural metal products	4,124	2,739	-	-	6,863	5,739	3,242	-	-	8,982
2599	Manufacture of other fabricated metal products n.e.c.	4,626	3,360	16,830	-	24,816	12,441	2,700	7,900	-	23,041
3012	Building of pleasure and sporting boats	9,000	-	16,500	-	25,500	2,000	-	33,000	-	35,000
3100	Manufacture of furniture	55,862	34,704	69,085	20,000	179,651	93,820	41,627	71,153	10,200	216,799
3212	Manufacture of imitation jewellery and related articles	700	400	1,550	-	2,650	755	585	1,025	-	2,365
<b>C</b>	<b>Manufacturing</b>	<b>1,333,642</b>	<b>117,958</b>	<b>436,345</b>	<b>52,100</b>	<b>1,940,045</b>	<b>1,479,692</b>	<b>127,595</b>	<b>761,568</b>	<b>405,850</b>	<b>2,774,705</b>
	<b>Total</b>	<b>1,336,382</b>	<b>117,958</b>	<b>439,795</b>	<b>52,100</b>	<b>1,946,235</b>	<b>1,482,854</b>	<b>127,595</b>	<b>776,808</b>	<b>405,850</b>	<b>2,793,107</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 50: Components of Gross Output by Industrial Activity (ISIC R4),2012 (Tshs. '000')**

ISIC REV 4	Descriptions	Local market	Exports	Change in Stock	Industrial Services	Non-industrial services consumed	Other	Cost of goods sold as purchased	Total Gross
0810	Quarrying of stone, sand and clay	2,575,887	-	8,550	550	-	280	-	2,585,267
0893	Extraction of salt	45,713	-	3,240	-	-	-	-	48,953
<b>B</b>	<b>Mining and Quarrying</b>	<b>2,621,600</b>	<b>-</b>	<b>11,790</b>	<b>550</b>	<b>-</b>	<b>280</b>	<b>-</b>	<b>2,634,220</b>
1030; 1040	Manufacture of vegetable and animal oils and fats	287,975	-	(14,534)	-	-	-	-	273,441
1061	Manufacture of grain mill products	21,406,573	-	484,336	-	8,921,468	-	9,219,154	21,593,223
1071	Manufacture of bakery products	7,099,790	196,560	30	110	-	-	-	7,296,490
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	2,754,000	-	-	-	-	-	-	2,754,000
1079	Manufacture of other food products n.e.c.	293,790	-	15,380	-	-	-	25,372	283,798
1104; 1200	Manufacture of soft drinks; production of mineral waters and other bottled waters, Manufacture of Tobacco products	7,424,773	-	(21,079)	94,644	122,278	5,500	365,056	7,261,060
1393	Manufacture of carpets and rugs	79,430	-	80	50	-	50	-	79,610
1394	Manufacture of cordage, rope, twine and netting	50,150	-	(25)	1,300	-	-	-	51,425
1410	Manufacture of wearing apparel, except fur apparel	1,421,919	-	723,568	16,147	350	278,322	400	2,439,906
1610	Sawmilling and planing of wood	115,200	-	2,000	-	-	-	-	117,200
1811; 1820	Printing, Reproduction of recorded media product	1,959,998	-	(2,701)	113,444	150,000	-	105,000	2,115,741
2023; 2029	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations, other chemical products	324,776	3,077,987	(3,418)	-	48,405	9,000	-	3,456,750
2011; 2220	Manufacture of plastics products, manufacture of rubber	361,647	-	(4,435)	-	55,468	-	36,467	376,213
2392	Manufacture of clay building materials	25,532	-	(20)	-	-	-	-	25,512
2395	Manufacture of articles of concrete, cement and plaster	10,918,892	-	(21,469)	360	50,500	500	62,220	10,481,564
2396	Cutting, shaping and finishing of stone	463,600	-	-	-	-	-	-	463,600
2511	Manufacture of structural metal products	269,047	-	503	-	-	-	-	269,550
2599	Manufacture of other fabricated metal products n.e.c.	3,217,800	-	(9,590)	450	75	9,000	150	3,217,585
3100; 3012	Building of pleasure and sporting boats, Manufacture of furniture	5,021,010	412,267	15,291	56,762	3,220	300	2,000	5,445,070
3212	Manufacture of imitation jewellery and related articles	44,726	-	(340)	-	-	-	-	44,386
<b>C</b>	<b>Manufacturing</b>	<b>63,540,628</b>	<b>3,686,815</b>	<b>1,163,578</b>	<b>283,267</b>	<b>9,351,763</b>	<b>302,672</b>	<b>9,815,819</b>	<b>68,046,124</b>
	<b>Total</b>	<b>66,162,228</b>	<b>3,686,815</b>	<b>1,175,368</b>	<b>283,817</b>	<b>9,351,763</b>	<b>302,952</b>	<b>9,815,819</b>	<b>70,680,344</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

Table 51: Detailed Intermediate Consumption by Industrial Activity (ISIC R4), 2012

(Tshs. '000')

ISIC REV 4	Descriptions	Raw material & Supplies		Electricity, water & fuel	Industrial Services Consumed	Non Industrial Services Consumed	Change in Stock	Total Intermediate
		Imported	Local					
0810	Quarrying of stone, sand and clay	124,800	430,450	549,628	27,300	153,378	360	1,285,196
0893	Extraction of salt	-	3,722	980	1,370	899	62	6,909
<b>B</b>	<b>Mining and Quarrying</b>	<b>124,800</b>	<b>434,172</b>	<b>550,608</b>	<b>28,670</b>	<b>154,277</b>	<b>422</b>	<b>1,292,105</b>
1030; 1040	Manufacture of vegetable and animal oils and fats	-	92,634	5,114	2,100	567	112	100,303
1061	Manufacture of grain mill products	14,745,007	1,105,951	422,375	16,487	1,010	4,582,297	11,708,532
1071	Manufacture of bakery products	-	5,827,975	350,421	7,005	24,357	(9,929)	6,219,686
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	-	2,165,000	10,248	-	300	-	2,175,548
1079	Manufacture of other food products n.e.c.	1,500	163,402	13,540	3,600	4,034	20	186,056
1104; 1200	Manufacture of soft drinks; production of mineral waters and other bottled waters, Manufacture of Tobacco products	-	2,427,757	743,343	975,366	153,064	(229,501)	4,529,030
1393	Manufacture of carpets and rugs	-	23,708	743	3	180	-	24,634
1394	Manufacture of cordage, rope, twine and netting	-	17,270	-	12	1,909	910	18,281
1410	Manufacture of wearing apparel, except fur apparel	35,100	204,479	19,377	2,158	55,641	(60,377)	377,132
1610	Sawmilling and planing of wood	-	72,000	1,960	200	-	5,000	69,160
1811; 1820	Printing, Reproduction of recorded media product	-	757,302	110,751	4,681	69,782	39,020	903,497
2023; 2029	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations, other chemical products	-	1,483,705	200,414	28,233	85,815	404,177	1,393,991
2011; 2220	Manufacture of plastics products, manufacture of rubber	-	128,378	24,760	18,291	22,600	(45,535)	239,563
2392	Manufacture of clay building materials	-	1,872	336	-	442	50	2,600
2395	Manufacture of articles of concrete, cement and plaster	-	5,923,110	661,967	13,945	36,917	2,360	6,633,579
2396	Cutting, shaping and finishing of stone	-	42,600	20,065	500	340	-	63,505
2511	Manufacture of structural metal products	53,686	16,650	7,319	24,320	5,295	1,615	105,654
2599	Manufacture of other fabricated metal products n.e.c.	-	292,800	13,114	1,467	12,614	7,835	312,160
3100; 3012	Building of pleasure and sporting boats, Manufacture of furniture	249	2,513,390	111,130	35,428	108,106	31,458	2,736,844
3212	Manufacture of imitation jewellery and related articles	-	6,078	1,246	-	667	55	7,936
<b>C</b>	<b>Manufacturing</b>	<b>14,835,542</b>	<b>23,266,061</b>	<b>2,718,222</b>	<b>1,133,796</b>	<b>583,638</b>	<b>4,729,567</b>	<b>37,807,691</b>
	<b>Total</b>	<b>14,960,342</b>	<b>23,700,233</b>	<b>3,268,830</b>	<b>1,162,466</b>	<b>737,915</b>	<b>4,729,989</b>	<b>39,099,796</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 52: Principal Indicators by Industrial Activity (ISIC R4),2012 (Tshs. '000')**

ISIC REV 4	Descriptions	Number of Establishment	Total person engaged		Total person employed	Gross Output		Value Added (Basic prices)		Compensation of Employees	
			Number	Percent		Value	Percent	Value	Percent	Value	Percent
0810	Quarrying of stone, sand and clay	13	237	5.54	138	2,585,267	3.66	1,300,071	4.12	199,959	3.89
0893	Extraction of salt	6	100	2.34	47	48,953	.07	42,044	.13	13,080	.25
<b>B</b>	<b>Mining and Quarrying</b>	<b>19</b>	<b>337</b>	<b>8</b>	<b>185</b>	<b>2,634,220</b>	<b>4</b>	<b>1,342,115</b>	<b>4</b>	<b>240,507</b>	<b>5</b>
1030; 1040	Manufacture of vegetable and animal oils and fats	5	89	2.08	54	273,441	.39	173,138	.55	38,940	.76
1061	Manufacture of grain mill products	8	166	3.88	93	21,593,223	30.55	9,884,691	31.30	109,700	2.14
1071	Manufacture of bakery products	23	297	6.94	269	7,296,490	10.32	1,076,804	3.41	537,126	10.46
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	2	22	.51	22	2,754,000	3.90	578,452	1.83	11,680	.23
1079	Manufacture of other food products n.e.c.	2	30	.70	29	283,798	.40	97,742	.31	50,332	.98
1104; 1200	Manufacture of soft drinks; production of mineral waters and other bottled waters, Manufacture of Tobacco products	4	233	5.44	223	7,261,060	10.27	2,732,030	8.65	783,178	15.25
1393	Manufacture of carpets and rugs	4	77	1.80	12	79,610	.11	54,976	.17	17,200	.33
1394	Manufacture of cordage, rope, twine and netting	4	68	1.59	13	51,425	.07	33,144	.10	5,040	.10
1410	Manufacture of wearing apparel, except fur apparel	34	601	14.04	69	2,439,906	3.45	2,062,773	6.53	103,104	2.01
1610	Sawmilling and planing of wood	1	16	.37	16	117,200	.17	48,040	.15	5,299	.10
1811;1820	Printing, Reproduction of recorded media product	3	174	4.07	173	2,115,741	2.99	1,212,245	3.84	557,828	10.86
2023; 2029	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations, other chemical products	14	470	10.98	245	3,456,750	4.89	2,062,759	6.53	580,403	11.30
2011; 2220	Manufacture of plastics products, manufacture of rubber	2	44	1.03	31	376,213	.53	136,650	.43	47,267	.92
2392	Manufacture of clay building materials	2	31	.72		25,512	.04	22,912	.07	-	.00
2395	Manufacture of articles of concrete, cement and plaster	44	603	14.09	546	10,481,564	14.83	3,847,984	12.18	938,984	18.28
2396	Cutting, shaping and finishing of stone	2	40	.93	39	463,600	.66	400,095	1.27	55,800	1.09
2511	Manufacture of structural metal products	2	22	.51	21	269,550	.38	163,897	.52	22,360	.44
2599	Manufacture of other fabricated metal products n.e.c.	13	180	4.21	136	3,217,585	4.55	2,905,425	9.20	234,720	4.57
3100; 3012	Building of pleasure and sporting boats, Manufacture of furniture	44	730	17.06	435	5,445,070	7.70	2,708,226	8.58	814,677	15.86
3212	Manufacture of imitation jewellery and related articles	3	50	1.17		44,386	.06	36,451	.12	9,000	.18
<b>C</b>	<b>Manufacturing</b>	<b>216</b>	<b>3,943</b>	<b>92.13</b>	<b>2,426</b>	<b>68,046,124</b>	<b>96.27</b>	<b>30,238,433</b>	<b>95.75</b>	<b>5,027,015</b>	<b>95.85</b>
	<b>Total</b>	<b>235</b>	<b>4,280</b>	<b>100.00</b>	<b>2,611</b>	<b>70,680,344</b>	<b>100.00</b>	<b>31,580,548</b>	<b>100.00</b>	<b>5,267,521</b>	<b>100.00</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 53: Production Account by Individual Establishment (ISIC R4),2012**

ISIC REV 4	Descriptions	Number of Establishment	Person Engaged	Gross Output	Intermediate Consumption	Value Added (Basic prices)	Compensation of Employees	Taxes on Production Less subsidies	Gross Operating Surplus
0810	Quarrying of stone, sand and clay	13	237	2,585,267	1,285,196	1,300,071	199,959	1,710	1,098,402
0893	Extraction of salt	6	100	48,953	6,909	42,044	40,548	800	696
<b>B</b>	<b>Mining and Quarrying</b>	<b>19</b>	<b>337</b>	<b>2,634,220</b>	<b>1,292,105</b>	<b>1,342,115</b>	<b>240,507</b>	<b>2,510</b>	<b>1,099,098</b>
1030;1040	Manufacture of vegetable and animal oils and fats	5	89	273,441	100,303	173,138	38,940	150	134,048
1061	Manufacture of grain mill products	8	166	21,593,223	11,708,532	9,884,691	109,700	575	9,774,416
1071	Manufacture of bakery products	23	297	7,296,490	6,219,686	1,076,804	537,126	2,550	537,128
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	2	22	2,754,000	2,175,548	578,452	11,680	280	566,492
1079	Manufacture of other food products n.e.c.	2	30	283,798	186,056	97,742	50,332	70	47,340
1104;1200	Manufacture of soft drinks; production of mineral waters and other bottled waters, Manufacture of Tobacco products	4	233	7,261,060	4,529,030	2,732,030	783,178	13,416	1,935,436
1393	Manufacture of carpets and rugs	4	77	79,610	24,634	54,976	17,200	160	37,616
1394	Manufacture of cordage, rope, twine and netting	4	68	51,425	18,281	33,144	5,040	-	28,104
1410	Manufacture of wearing apparel, except fur apparel	34	601	2,439,906	377,132	2,062,773	103,104	4,421	1,955,249
1610	Sawmilling and planing of wood	1	16	117,200	69,160	48,040	5,299	300	42,441
1811;1820	Printing, Reproduction of recorded media product	3	174	2,115,741	903,497	1,212,245	557,828	6,000	648,416
2023;2029	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations, other chemical products	14	470	3,456,750	1,393,991	2,062,759	580,403	120	1,482,236
2011;2220	Manufacture of plastics products, manufacture of rubber	2	44	376,213	239,563	136,650	47,267	2,463	86,920
2392	Manufacture of clay building materials	2	31	25,512	2,600	22,912	-	-	22,912
2395	Manufacture of articles of concrete, cement and plaster	44	603	10,481,564	6,633,579	3,847,984	938,984	6,430	2,902,570
2396	Cutting, shaping and finishing of stone	2	40	463,600	63,505	400,095	55,800	590	343,705
2511	Manufacture of structural metal products	2	22	269,550	105,654	163,897	22,360	250	141,287
2599	Manufacture of other fabricated metal products n.e.c.	13	180	3,217,585	312,160	2,905,425	234,720	510	2,670,195
3100;3012	Building of pleasure and sporting boats, Manufacture of furniture	44	730	5,445,070	2,736,844	2,708,226	814,677	5,851	1,887,698
3212	Manufacture of imitation jewellery and related articles	3	50	44,386	7,936	36,451	9,000	350	27,101
<b>C</b>	<b>Manufacturing</b>	<b>216</b>	<b>3,943</b>	<b>68,046,124</b>	<b>37,807,691</b>	<b>30,238,433</b>	<b>5,027,015</b>	<b>44,486</b>	<b>25,166,932</b>
	<b>Total</b>	<b>235</b>	<b>4,280</b>	<b>70,680,344</b>	<b>39,099,796</b>	<b>31,580,548</b>	<b>5,267,521</b>	<b>46,996</b>	<b>27,365,128</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Part two**

**Small Industrial Establishments**

**Less than ten workers**

**Table 1: Number of Establishments by Activity and Form of Ownership (ISIC R4), 2012**

ISIC R4	Description	Form of Ownership							Total
		Individual proprietorship	Partnership	Public	Cooperative	Private company	Private limited company	Other	
08	Other mining and quarrying	16	-	-	14	-	-	-	30
<b>B</b>	<b>Mining and Quarrying</b>	<b>16</b>	<b>-</b>	<b>-</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30</b>
10	Manufacture of food products	157	2	2	21	-	1	1	184
13	Manufacture of textiles	9	1	-	2	-	-	-	12
14	Manufacture of wearing apparel	544	16	2	30	-	1	1	594
16	Manufacture of wood and of products of wood and cork, except furniture manufacture of articles of straw and plaiting mat	7	-	1	3	-	-	-	11
18	Printing and reproduction of recorded media	3	1	-	1	-	-	-	5
20	Manufacture of chemicals and chemical products	2	-	-	3	-	2	-	7
23	Manufacture of other non-metallic mineral products	122	4	-	1	-	-	-	127
24	Manufacture of basic metals	6	-	-	1	-	-	-	7
25	Manufacture of fabricated metal products, except machinery and equipment	177	7	-	13	-	-	-	197
30	Manufacture of other transport equipment	670	14	-	65	1	-	2	752
32	Other manufacturing	38	1	-	1	-	-	-	40
<b>C</b>	<b>Manufacturing</b>	<b>1,735</b>	<b>46</b>	<b>5</b>	<b>141</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>1,936</b>
	<b>Total</b>	<b>1,751</b>	<b>46</b>	<b>5</b>	<b>155</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>1,966</b>

Source: 2012 Census of Industrial Production; Office of Chief Government statistician Zanzibar.

**Table 2: Number of Establishments by Activity and Employment Size  
(ISIC R4), 2012**

ISIC R4	Description	Persons engaged					Total
		1-2	3-4	5-6	7-8	9	
08	Other mining and quarrying	1	4	9	10	6	30
<b>B</b>	<b>Mining and Quarrying</b>	<b>1</b>	<b>4</b>	<b>9</b>	<b>10</b>	<b>6</b>	<b>30</b>
10	Manufacture of food products	67	55	39	22	1	184
13	Manufacture of textiles	2	6	2	1	1	12
14	Manufacture of wearing apparel	433	125	20	12	4	594
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	1	5	2	3	-	11
18	Printing and reproduction of recorded media	2	1	1	1	-	5
20	Manufacture of chemicals and chemical products	1	-	2	3	1	7
23	Manufacture of other non-metallic mineral products	21	28	45	27	6	127
24	Manufacture of basic metals	-	6	-	-	1	7
25	Manufacture of fabricated metal products, except machinery and equipment	58	87	35	17	-	197
30	Manufacture of other transport equipment	341	245	124	39	3	752
32	Other manufacturing	27	9	3	1	-	40
<b>C</b>	<b>Manufacturing</b>	<b>953</b>	<b>567</b>	<b>273</b>	<b>126</b>	<b>17</b>	<b>1,936</b>
	<b>Total</b>	<b>954</b>	<b>571</b>	<b>282</b>	<b>136</b>	<b>23</b>	<b>1,966</b>

*Source: 2012 Census of Industrial Production Office of Chief Government Statistician Zanzibar.*

**Table 3: Production Account by Individual Establishment (ISIC R4), 2012 (Tshs '000')**

ISIC R4	Description	Number of Establishment	Person Engaged	Gross Output	Intermediate Consumption	Value Added (Basic prices)	Compensation of Employees	Taxes on Production Less subsidies	Gross Operating Surplus
08	Other mining and quarrying	30	193	204,893	43,385	161,508	25,079	466	135,963
<b>B</b>	<b>Mining and Quarrying</b>	<b>30</b>	<b>193</b>	<b>204,893</b>	<b>43,385</b>	<b>161,508</b>	<b>25,079</b>	<b>466</b>	<b>135,963</b>
10	Manufacture of food products	184	698	8,252,130	4,546,408	3,705,722	585,913	11,096	3,108,713
13	Manufacture of textiles	12	49	194,722	67,930	126,792	17,050	305	109,437
14	Manufacture of wearing apparel	594	1269	4,989,038	1,263,094	3,725,944	938,818	28,269	2,758,857
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	11	53	210,660	50,043	160,617	33,060	216	127,341
18	Printing and reproduction of recorded media	5	20	353,976	107,266	246,710	12,220	595	233,895
20	Manufacture of chemicals and chemical products	7	44	227,427	24,983	202,443	22,146	980	179,317
23	Manufacture of other non-metallic mineral products	127	631	15,762,231	7,367,681	8,394,550	839,337	12,344	7,542,869
24	Manufacture of basic metals	7	29	228,425	147,481	80,944	16,625	335	63,985
25	Manufacture of fabricated metal products, except machinery and equipment	197	714	8,888,263	2,531,127	6,357,136	710,938	12,138	5,634,060
30	Manufacture of other transport equipment	752	2,349	33,774,768	16,897,679	16,877,089	1,717,234	29,999	15,129,856
32	Other manufacturing	40	98	1,649,634	1,309,484	340,150	121,980	3,994	214,176
<b>C</b>	<b>Manufacturing</b>	<b>1,936</b>	<b>5,954</b>	<b>74,531,273</b>	<b>34,313,176</b>	<b>40,218,098</b>	<b>5,015,321</b>	<b>100,271</b>	<b>35,102,506</b>
	<b>Total</b>	<b>1,966</b>	<b>6,147</b>	<b>74,736,166</b>	<b>34,356,561</b>	<b>40,379,606</b>	<b>5,040,400</b>	<b>100,737</b>	<b>35,238,469</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 4: Production Account by Individual Establishment (ISIC R4),2012 (Tshs '000')**

Region	Number of Establishment	Person Engaged	Gross Output	Intermediate Consumption	Value Added (Basic prices)	Compensation of Employees	Taxes on Production Less subsidies	Gross Operating Surplus
Kaskazini Unguja	181	575	3,798,706	1,751,816	2,046,889	479,231	4,720	1,562,938
Kusini Unguja	84	267	2,403,455	1,310,973	1,092,482	275,464	4,923	812,096
Mjini Magharibi	1,061	3,171	58,531,518	27,343,241	31,188,278	3,520,479	78,535	27,589,264
Kaskazini Pemba	314	1,105	4,262,202	1,564,829	2,697,373	420,967	4,389	2,272,017
Kusini Pemba	326	1,029	5,740,285	2,385,702	3,354,583	344,259	8,170	3,002,154
<b>Total</b>	<b>1,966</b>	<b>6,147</b>	<b>74,736,166</b>	<b>34,356,561</b>	<b>40,379,606</b>	<b>5,040,400</b>	<b>100,737</b>	<b>35,238,469</b>

*Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.*

**Table 5: Principal Indicators by Industrial Activity (ISIC R4), 2012 (Tshs '000')**

ISIC R4	Description	Number of Establishments	Gross Output per Establishment	Gross Output per Workers	Value Added as a percent of GO	Value Added per Establishment	Compensation of Employee		
							Value Added per Workers	Per employee per month	As a percent of VA
08	Other mining and quarrying	30	6,830	1,062	79	5,384	837	17	16
<b>B</b>	<b>Mining and Quarrying</b>	<b>30</b>	<b>6,830</b>	<b>1,062</b>	<b>79</b>	<b>5,384</b>	<b>837</b>	<b>17</b>	<b>16</b>
10	Manufacture of food products	184	44,849	11,823	45	20,140	5,309	96	16
13	Manufacture of textiles	12	16,227	3,974	65	10,566	2,588	57	13
14	Manufacture of wearing apparel	594	8,399	3,931	75	6,273	2,936	123	25
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	11	19,151	3,975	76	14,602	3,031	86	21
18	Printing and reproduction of recorded media	5	70,795	17,699	70	49,342	12,336	85	5
20	Manufacture of chemicals and chemical products	7	32,490	5,169	89	28,920	4,601	92	11
23	Manufacture of other non-metallic mineral products	127	124,112	24,980	53	66,099	13,304	126	10
24	Manufacture of basic metals	7	32,632	7,877	35	11,563	2,791	92	21
25	Manufacture of fabricated metal products, except machinery and equipment	197	45,118	12,449	72	32,270	8,904	122	11
30	Manufacture of other transport equipment	752	44,913	14,378	50	22,443	7,185	103	10
32	Other manufacturing	40	41,241	16,833	21	8,504	3,471	203	36
<b>C</b>	<b>Manufacturing</b>	<b>1,936</b>	<b>38,498</b>	<b>12,518</b>	<b>54</b>	<b>20,774</b>	<b>6,755</b>	<b>112</b>	<b>12</b>
	<b>Total</b>	<b>1,966</b>	<b>38,014</b>	<b>12,158</b>	<b>54</b>	<b>20,539</b>	<b>6,569</b>	<b>109</b>	<b>12</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 6: Principal Indicators by Industrial Activity (ISIC R4), 2012**

		Value (Tshs '000')									
ISIC	Description	Number of Establishment	Total person engaged		Total person employed	Gross Output		Value Added (Basic prices)		Compensation of Employees	
		Number	Number	Percent	Number	Value	Percent	Value	Percent	Value	Percent
08	Other mining and quarrying	30	193	2	122	204,893	2	161,508	2	25,079	2
<b>B</b>	<b>Mining and Quarrying</b>	<b>30</b>	<b>193</b>	<b>2</b>	<b>122</b>	<b>204,893</b>	<b>2</b>	<b>161,508</b>	<b>2</b>	<b>25,079</b>	<b>2</b>
10	Manufacture of food products	184	698	9	511	8,252,130	9	3,705,722	9	585,913	9
13	Manufacture of textiles	12	49	1	25	194,722	1	126,792	1	17,050	1
14	Manufacture of wearing apparel	594	1,269	30	635	4,989,038	30	3,725,944	30	938,818	30
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	11	53	1	32	210,660	1	160,617	1	33,060	1
18	Printing and reproduction of recorded media	5	20		12	353,976		246,710		12,220	
20	Manufacture of chemicals and chemical products	7	44		20	227,427		202,443		22,146	
23	Manufacture of other non-metallic mineral products	127	631	6	553	15,762,231	6	8,394,550	6	839,337	6
24	Manufacture of basic metals	7	29		15	228,425		80,944		16,625	
25	Manufacture of fabricated metal products, except machinery and equipment	197	714	10	484	8,888,263	10	6,357,136	10	710,938	10
30	Manufacture of other transport equipment	752	2,349	38	1,388	33,774,768	38	16,877,089	38	1,717,234	38
32	Other manufacturing	40	98	2	50	1,649,634	2	340,150	2	121,980	2
<b>C</b>	<b>Manufacturing</b>	<b>1,936</b>	<b>5,954</b>	<b>98</b>	<b>3,725</b>	<b>74,531,273</b>	<b>98</b>	<b>40,218,098</b>	<b>98</b>	<b>5,015,321</b>	<b>98</b>
	<b>Total</b>	<b>1,966</b>	<b>6,147</b>	<b>100</b>	<b>3,847</b>	<b>74,736,166</b>	<b>100</b>	<b>40,379,606</b>	<b>100</b>	<b>5,040,400</b>	<b>100</b>

**Table 7: Detailed Intermediate Consumption by Industrial Activity (ISIC R4), 2012 (Tshs '000')**

ISIC R4	Description	Imported	Local	Electricity, water & fuel	Industrial Services Consumed	Non		Total Intermediate
						Industrial Services Consumed	Change in Stock	
08	Other mining and quarrying	-	10,928	13,455	11,700	7,185	(117)	43,385
<b>B</b>	<b>Mining and Quarrying</b>	<b>-</b>	<b>10,928</b>	<b>13,455</b>	<b>11,700</b>	<b>7,185</b>	<b>(117)</b>	<b>43,385</b>
10	Manufacture of food products	113,551	3,803,049	524,387	29,617	85,600	9,795	4,546,408
13	Manufacture of textiles	-	62,142	1,943	2,400	3,130	1,685	67,930
14	Manufacture of wearing apparel	504	828,769	164,624	21,966	229,732	(17,498)	1,263,094
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	-	26,500	18,301	1,870	4,172	800	50,043
18	Printing and reproduction of recorded media	-	99,603	2,942	350	3,870	(500)	107,266
20	Manufacture of chemicals and chemical products	-	15,081	4,210	200	3,422	(2,072)	24,983
23	Manufacture of other non-metallic mineral products	38,700	6,425,665	470,774	16,270	51,022	(365,250)	7,367,681
24	Manufacture of basic metals	-	140,598	2,565	300	2,881	(1,137)	147,481
25	Manufacture of fabricated metal products, except machinery and equipment	16,751	2,289,139	133,877	9,060	84,129	1,829	2,531,127
30	Manufacture of other transport equipment	44,070	16,218,173	186,435	106,296	321,174	(21,531)	16,897,679
32	Other manufacturing	62,500	944,422	170,664	1,195	22,558	(108,145)	1,309,484
<b>C</b>	<b>Manufacturing</b>	<b>276,076</b>	<b>30,853,140</b>	<b>1,680,722</b>	<b>189,524</b>	<b>811,690</b>	<b>(502,024)</b>	<b>34,313,176</b>
	<b>Total</b>	<b>276,076</b>	<b>30,864,068</b>	<b>1,694,177</b>	<b>201,224</b>	<b>818,875</b>	<b>(502,141)</b>	<b>34,356,561</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 8: Components of Gross Output by Industrial Activity (ISIC R4), 2012**

(Tshs '000')

ISIC R4	Description	Exports	Local market	Change in Stock	Industrial Services	Non-industrial services consumed	Other	Cost of goods sold as purchased	Total Gross
08	Other mining and quarrying	172,720	4,200	27,178	-	45	750	-	204,893
<b>B</b>	<b>Mining and Quarrying</b>	<b>172,720</b>	<b>4,200</b>	<b>27,178</b>	<b>-</b>	<b>45</b>	<b>750</b>	<b>-</b>	<b>204,893</b>
10	Manufacture of food products	8,219,944	51,768	6,188	4,730	-	23,500	-	8,252,130
13	Manufacture of textiles	196,150	-	(3,628)	1,000	-	1,200	-	194,722
14	Manufacture of wearing apparel	4,911,599	39,967	(9,762)	49,137	19,996	6,540	8,416	4,989,038
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	188,330	18,000	550	480	3,300	-	-	210,660
18	Printing and reproduction of recorded media	352,826	-	600	750	-	-	200	353,976
20	Manufacture of chemicals and chemical products	55,749	-	10,804	-	3,967	160,906	4,000	227,427
23	Manufacture of other non-metallic mineral products	16,130,786	-	(281,085)	50	31,580	-	23,000	15,762,231
24	Manufacture of basic metals	230,390	-	(1,965)	-	-	-	-	228,425
25	Manufacture of fabricated metal products, except machinery and equipment	8,764,070	131,696	2,026	59,605	3,300	936	3,000	8,888,263
30	Manufacture of other transport equipment	33,559,041	159,645	133,634	226,025	141,723	5,670	153,018	33,774,768
32	Other manufacturing	1,740,557	15,400	(136,933)	-	37,640	-	7,030	1,649,634
<b>C</b>	<b>Manufacturing</b>	<b>74,349,442</b>	<b>416,476</b>	<b>(279,571)</b>	<b>341,777</b>	<b>241,506</b>	<b>198,752</b>	<b>198,664</b>	<b>74,531,273</b>
	<b>Total</b>	<b>74,522,162</b>	<b>420,676</b>	<b>(252,393)</b>	<b>341,777</b>	<b>241,551</b>	<b>199,502</b>	<b>198,664</b>	<b>74,736,166</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 9: Stocks Held by Industrial Activity**

(Tshs '000')

ISIC R4	Description	At the Beginning					At the End				
		Materials and supplies	Work in progress	Finished products	Goods purchased for resale	Total	Materials and Supplies	Work in progress	Finished products	Goods purchased for resale	Total
08	Other mining and quarrying	800	50	16,620	-	17,470	683	720	43,128	-	44,531
<b>B</b>	<b>Mining and Quarrying</b>	<b>800</b>	<b>50</b>	<b>16,620</b>	<b>-</b>	<b>17,470</b>	<b>683</b>	<b>720</b>	<b>43,128</b>	<b>-</b>	<b>44,531</b>
10	Manufacture of food products	28,436	960	7,455	790	37,641	34,231	1,238	10,515	3,640	49,624
11	Manufacture of beverages	6,000	-	-	-	6,000	10,000	-	-	-	10,000
13	Manufacture of textiles	5,215	1,003	6,500	-	12,718	6,930	1,150	2,725	-	10,805
14	Manufacture of wearing apparel	78,657	6,807	46,612	23,210	155,286	60,624	7,288	47,152	10,556	125,620
15	Manufacture of leather and related products	4,030	-	610	-	4,640	5,450	658	580	-	6,688
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	400	-	200	-	600	1,200	-	750	-	1,950
18	Printing and reproduction of recorded media	2,500	-	600	-	3,100	2,000	-	1,200	-	3,200
20	Manufacture of chemicals and chemical products	19,946	60	72	-	20,078	18,074	70	10,333	33	28,511
22	Manufacture of rubber and plastics products	500	-	1,000	-	1,500	300	-	1,500	-	1,800
23	Manufacture of other non-metallic mineral products	467,471	53,900	702,358	180,565	1,404,293	102,220	31,770	575,520	48,448	757,958
24	Manufacture of basic metals	5,470	4,505	2,000	-	11,975	4,333	3,000	1,540	-	8,873
25	Manufacture of fabricated metal products, except machinery and equipment	34,011	9,097	60,608	4,050	107,765	35,389	8,927	61,004	5,450	110,770
29	Manufacture of motor vehicles, trailers and semi-trailers	150	-	-	-	150	150	-	-	-	150
30	Manufacture of other transport equipment	50	300	-	-	350	-	350	600	-	950
31	Manufacture of furniture	189,688	65,821	169,440	19,210	444,159	168,814	76,313	234,617	76,110	555,854
32	Other manufacturing	295,780	480	325,505	194,630	816,395	187,635	1,500	246,620	135,562	571,317
<b>C</b>	<b>Manufacturing</b>	<b>1,138,303</b>	<b>142,933</b>	<b>1,322,960</b>	<b>422,455</b>	<b>3,026,651</b>	<b>637,351</b>	<b>132,264</b>	<b>1,194,657</b>	<b>279,799</b>	<b>2,244,070</b>
	<b>Total</b>	<b>1,139,103</b>	<b>142,983</b>	<b>1,339,580</b>	<b>422,455</b>	<b>3,044,120</b>	<b>638,034</b>	<b>132,984</b>	<b>1,237,785</b>	<b>279,799</b>	<b>2,288,601</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 10: Number of Person Engaged by Activity (ISIC R4), 2012**

ISIC R4	Description	June						December					
		Number of persons engaged (Tanzania)		Number of persons engaged (Foreign)		Total number of persons engaged		Number of persons engaged (Tanzania)		Number of persons engaged (Foreign)		Total number of persons engaged	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
08	Other mining and quarrying	130	34	-	-	130	34	145	48	-	-	145	48
<b>B</b>	<b>Mining and Quarrying</b>	<b>130</b>	<b>34</b>	<b>-</b>	<b>-</b>	<b>130</b>	<b>34</b>	<b>145</b>	<b>48</b>	<b>-</b>	<b>-</b>	<b>145</b>	<b>48</b>
10	Manufacture of food products	651	40	1	-	652	40	658	39	1	-	659	39
13	Manufacture of textiles	41	9	-	-	41	9	40	9	-	-	40	9
14	Manufacture of wearing apparel	1,037	241	-	-	1,037	241	1,033	236	-	-	1,033	236
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	52	-	-	-	52	-	53	-	-	-	53	-
18	Printing and reproduction of recorded media	16	2	-	-	16	2	18	2	-	-	18	2
20	Manufacture of chemicals and chemical products	24	20	-	-	24	20	24	20	-	-	24	20
23	Manufacture of other non-metallic mineral products	605	11	-	-	605	11	620	11	-	-	620	11
24	Manufacture of basic metals	29	-	-	-	29	-	29	-	-	-	29	-
25	Manufacture of fabricated metal products, except machinery and equipment	707	-	-	-	707	-	714	-	-	-	714	-
30	Manufacture of other transport equipment	2,336	14	-	1	2,336	15	2,334	14	-	1	2,334	15
32	Other manufacturing	94	4	-	-	94	4	95	3	-	-	95	3
<b>C</b>	<b>Manufacturing</b>	<b>5,592</b>	<b>341</b>	<b>1</b>	<b>1</b>	<b>5,593</b>	<b>342</b>	<b>5,618</b>	<b>334</b>	<b>1</b>	<b>1</b>	<b>5,619</b>	<b>335</b>
	<b>Total</b>	<b>5,722</b>	<b>375</b>	<b>1</b>	<b>1</b>	<b>5,723</b>	<b>376</b>	<b>5,763</b>	<b>382</b>	<b>1</b>	<b>1</b>	<b>5,764</b>	<b>383</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 11: Number of Person Engaged by Industrial Activity (ISIC R4), Employment Status and Gender, 2012**

ISIC R4	Description	Working proprietors and partners		Unpaid workers		Managerial and professional staff		Operatives skilled		Operatives - non skilled		Other		Grand Total Persons Engaged		Total Persons Engaged
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
08	Other mining and quarrying	56	15	-	-	2	-	42	11	45	22	-	-	145	48	193
<b>B</b>	<b>Mining and Quarrying</b>	<b>56</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>42</b>	<b>11</b>	<b>45</b>	<b>22</b>	<b>-</b>	<b>-</b>	<b>145</b>	<b>48</b>	<b>193</b>
10	Manufacture of food products	160	18	9	-	41	-	411	15	33	6	4	1	684	39	723
13	Manufacture of textiles	18	6	-	-	1	-	20	3	1	-	-	-	37	9	46
14	Manufacture of wearing apparel	503	83	19	29	115	8	343	80	29	6	27	27	1,040	240	1,280
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	21	-	-	-	-	-	29	-	3	-	-	-	53	-	53
18	Printing and reproduction of recorded media	8	-	-	-	1	-	6	-	3	2	-	-	18	2	20
20	Manufacture of chemicals and chemical products	7	12	1	4	1	1	15	2	-	1	-	-	24	20	44
23	Manufacture of other non-metallic mineral products	76	-	2	-	57	1	416	10	62	1	5	1	659	13	672
24	Manufacture of basic metals	14	-	-	-	2	-	11	-	-	-	2	-	29	-	29
25	Manufacture of fabricated metal products, except machinery and equipment	220	-	10	-	81	-	342	-	53	-	8	-	695	-	695
30	Manufacture of other transport equipment	915	3	43	-	149	2	1,019	7	159	3	49	-	2,363	15	2,378
32	Other manufacturing	46	-	1	1	8	-	33	-	7	2	-	-	91	3	94
<b>C</b>	<b>Manufacturing</b>	<b>1,988</b>	<b>122</b>	<b>85</b>	<b>34</b>	<b>456</b>	<b>12</b>	<b>2,645</b>	<b>117</b>	<b>350</b>	<b>21</b>	<b>95</b>	<b>29</b>	<b>5,693</b>	<b>341</b>	<b>6,034</b>
	<b>Total</b>	<b>2,100</b>	<b>152</b>	<b>85</b>	<b>34</b>	<b>460</b>	<b>12</b>	<b>2,729</b>	<b>139</b>	<b>440</b>	<b>65</b>	<b>95</b>	<b>29</b>	<b>5,983</b>	<b>437</b>	<b>6,420</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 12: Number of Persons Employed by Industrial Activity (ISIC R4), Employment Status and Gender, 2012**

ISIC R4	Description	Managerial and professional staff		Operatives skilled		Operatives -non skilled		Other		Grand Total Persons Employed		Total Persons Employed
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
08	Other mining and quarrying	2	-	42	11	45	22	-	-	89	33	122
<b>B</b>	<b>Mining and Quarrying</b>	<b>2</b>	<b>-</b>	<b>42</b>	<b>11</b>	<b>45</b>	<b>22</b>	<b>-</b>	<b>-</b>	<b>89</b>	<b>33</b>	<b>122</b>
10	Manufacture of food products	41	-	411	15	33	6	4	1	489	22	511
13	Manufacture of textiles	1	-	20	3	1	-	-	-	22	3	25
14	Manufacture of wearing apparel	115	8	343	80	29	6	27	27	514	121	635
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	-	-	29	-	3	-	-	-	32	-	32
18	Printing and reproduction of recorded media	1	-	6	-	3	2	-	-	10	2	12
20	Manufacture of chemicals and chemical products	1	1	15	2	-	1	-	-	16	4	20
23	Manufacture of other non-metallic mineral products	57	1	416	10	62	1	5	1	540	13	553
24	Manufacture of basic metals	2	-	11	-	-	-	2	-	15	-	15
25	Manufacture of fabricated metal products, except machinery and equipment	81	-	342	-	53	-	8	-	484	-	484
30	Manufacture of other transport equipment	149	2	1,019	7	159	3	49	-	1,376	12	1,388
32	Other manufacturing	8	-	33	-	7	2	-	-	48	2	50
<b>C</b>	<b>Manufacturing</b>	<b>456</b>	<b>12</b>	<b>2,645</b>	<b>117</b>	<b>350</b>	<b>21</b>	<b>95</b>	<b>29</b>	<b>3,546</b>	<b>179</b>	<b>3,725</b>
	<b>Total</b>	<b>460</b>	<b>12</b>	<b>2,729</b>	<b>139</b>	<b>440</b>	<b>65</b>	<b>95</b>	<b>29</b>	<b>3,635</b>	<b>212</b>	<b>3,847</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar

**Table 13a: Number of Establishments by Activity and Region (ISIC R4), 2012**

ISIC R4	Description	Region					Total
		Kaskazini Unguja	Kusini Unguja	Mjini Magharibi	Kaskazini Pemba	Kusini Pemba	
081	Quarrying of stone, sand and clay	-	-	-	-	1	1
089	Mining and quarrying n.e.c.	-	-	-	27	2	29
<b>B</b>	<b>Mining and Quarrying</b>	-	-	-	<b>27</b>	<b>3</b>	<b>30</b>
104	Manufacture of vegetable and animal oils and fats	-	-	2	1	1	4
106	Manufacture of grain mill products, starches and starch products	22	6	18	11	17	74
107	Manufacture of other food products	5	5	70	11	15	106
139	Manufacture of other textiles	-	1	5	5	1	12
141	Manufacture of wearing apparel, except fur apparel	32	18	416	67	53	586
152	Manufacture of footwear	-	-	6	-	2	8
161	Sawmilling and planing of wood	1	-	1	8	1	11
181	Printing and service activities related to printing	-	-	5	-	-	5
202	Manufacture of other chemical products	-	-	2	3	2	7
239	Manufacture of non-metallic mineral products n.e.c.	11	17	81	3	15	127
241	Manufacture of basic iron and steel	-	-	-	2	1	3
243	Casting of metals	-	1	3	-	-	4
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	-	-	11	-	-	11
259	Manufacture of other fabricated metal products; metalworking service activities	21	5	130	15	15	186
309	Manufacture of transport equipment n.e.c.	-	2	-	1	-	3
310	Manufacture of furniture	88	29	274	160	198	749
321	Manufacture of jewellery, bijouterie and related articles	-	-	34	-	2	36
329	Other manufacturing n.e.c.	1	-	3	-	-	4
<b>C</b>	<b>Manufacturing</b>	<b>181</b>	<b>84</b>	<b>1,061</b>	<b>287</b>	<b>323</b>	<b>1,936</b>
	<b>Total</b>	<b>181</b>	<b>84</b>	<b>1,061</b>	<b>314</b>	<b>326</b>	<b>1,966</b>

**Table 13b: Number of Persons Engaged by Industrial Activity (ISIC R4), Employment Status and Gender**

ISIC R4	Description	Working proprietors and partners		Unpaid workers		Managerial and professional staff		Operatives skilled		Operatives non skilled		Other		Grand total person engaged		Total person engaged
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
081	Quarrying of stone, sand and clay	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1
089	Mining and quarrying n.e.c.	55	15	-	-	2	-	42	11	45	22	-	-	144	48	192
<b>B</b>	<b>Mining and Quarrying</b>	<b>56</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>42</b>	<b>11</b>	<b>45</b>	<b>22</b>	<b>-</b>	<b>-</b>	<b>145</b>	<b>48</b>	<b>193</b>
104	Manufacture of vegetable and animal oils and fats	1	2	-	-	1	-	17	1	-	-	-	-	19	3	22
106	Manufacture of grain mill products, starches and starch products	71	14	6	-	26	-	91	5	4	4	-	-	198	23	221
107	Manufacture of other food products	88	2	3	-	14	-	303	9	29	2	4	1	441	14	455
139	Manufacture of other textiles	18	6	-	-	1	-	20	3	1	-	-	-	40	9	49
141	Manufacture of wearing apparel, except fur apparel	498	83	19	29	113	8	335	80	29	6	23	27	1,017	233	1,250
152	Manufacture of footwear	5	-	-	-	2	-	8	-	-	-	4	-	19	-	19
161	Sawmilling and planing of wood	21	-	-	-	-	-	29	-	3	-	-	-	53	-	53
181	Printing and service activities related to printing	8	-	-	-	1	-	6	-	3	2	-	-	18	2	20
202	Manufacture of other chemical products	7	12	1	4	1	1	15	2	-	1	-	-	24	20	44
239	Manufacture of non-metallic mineral products n.e.c.	76	-	2	-	57	1	416	10	62	1	5	1	618	13	631
241	Manufacture of basic iron and steel	11	-	-	-	-	-	2	-	-	-	2	-	15	-	15
243	Casting of metals	3	-	-	-	2	-	9	-	-	-	-	-	14	-	14
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	14	-	-	-	9	-	14	-	4	-	-	-	41	-	41
259	Manufacture of other fabricated metal products; metalworking service activities	206	-	10	-	72	-	328	-	49	-	8	-	673	-	673
309	Manufacture of transport equipment n.e.c.	5	-	-	-	2	-	-	-	-	-	-	-	7	-	7
310	Manufacture of furniture	910	3	43	-	147	2	1,019	7	159	3	49	-	2,327	15	2,342
321	Manufacture of jewellery, bijouterie and related articles	34	-	1	1	8	-	33	-	7	2	-	-	83	3	86
329	Other manufacturing n.e.c.	12	-	-	-	-	-	-	-	-	-	-	-	12	-	12
<b>C</b>	<b>Manufacturing</b>	<b>1,988</b>	<b>122</b>	<b>85</b>	<b>34</b>	<b>456</b>	<b>12</b>	<b>2,645</b>	<b>117</b>	<b>350</b>	<b>21</b>	<b>95</b>	<b>29</b>	<b>5,619</b>	<b>335</b>	<b>5,954</b>
	<b>Total</b>	<b>2,044</b>	<b>137</b>	<b>85</b>	<b>34</b>	<b>458</b>	<b>12</b>	<b>2,687</b>	<b>128</b>	<b>395</b>	<b>43</b>	<b>95</b>	<b>29</b>	<b>11,528</b>	<b>766</b>	<b>6,147</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 14: Number of Establishments by Activity and Origin of Ownership (ISIC R4), 2012**

ISIC R4	Description	Origin of Ownership			
		National	Foreign	Joint	Total
081	Mining and Quarrying	1	-	-	1
089	Quarrying of stone, sand and clay	29	-	-	29
<b>B</b>	<b>Mining and Quarrying</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>30</b>
104	Manufacture of vegetable and animal oils and fats	4	-	-	4
106	Manufacture of grain mill products, starches and starch products	74	-	-	74
107	Manufacture of other food products	105	-	1	106
139	Manufacture of other textiles	12	-	-	12
141	Manufacture of wearing apparel, except fur apparel	582	4	-	586
152	Manufacture of footwear	8	-	-	8
161	Sawmilling and planing of wood	11	-	-	11
181	Printing and service activities related to printing	5	-	-	5
202	Manufacture of other chemical products	7	-	-	7
239	Manufacture of non-metallic mineral products n.e.c.	127	-	-	127
241	Manufacture of basic iron and steel	3	-	-	3
243	Casting of metals	4	-	-	4
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	11	-	-	11
259	Manufacture of other fabricated metal products; metalworking service activities	186	-	-	186
309	Manufacture of transport equipment n.e.c.	3	-	-	3
310	Manufacture of furniture	749	-	-	749
321	Manufacture of jewellery, bijouterie and related articles	36	-	-	36
329	Other manufacturing n.e.c.	4	-	-	4
<b>C</b>	<b>Manufacturing n.e.c.</b>	<b>1,931</b>	<b>4</b>	<b>1</b>	<b>1,936</b>
	<b>Total</b>	<b>1,961</b>	<b>4</b>	<b>1</b>	<b>1,966</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 15: Number of Establishments by Activity and Form of Ownership (ISIC R4),2012**

ISIC R4	Description	Form of Ownership						Total	
		Individual proprietorship	Partnership	Public	Cooperative	Private company	Private limited company		Other
081	Quarrying of stone, sand and clay	1	-	-	-	-	-	-	1
089	Mining and quarrying n.e.c.	15	-	-	14	-	-	-	29
<b>B</b>	<b>Mining and Quarrying</b>	<b>16</b>	<b>-</b>	<b>-</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30</b>
104	Manufacture of vegetable and animal oils and fats	2	-	-	2	-	-	-	4
106	Manufacture of grain mill products, starches and starch products	51	2	2	18	-	-	1	74
107	Manufacture of other food products	104	-	-	1	-	1	-	106
139	Manufacture of other textiles	9	1	-	2	-	-	-	12
141	Manufacture of wearing apparel, except fur apparel	536	16	2	30	-	1	1	586
152	Manufacture of footwear	8	-	-	-	-	-	-	8
161	Sawmilling and planing of wood	7	-	1	3	-	-	-	11
181	Printing and service activities related to printing	3	1	-	1	-	-	-	5
202	Manufacture of other chemical products	2	-	-	3	-	2	-	7
239	Manufacture of non-metallic mineral products n.e.c.	122	4	-	1	-	-	-	127
241	Manufacture of basic iron and steel	2	-	-	1	-	-	-	3
243	Casting of metals	4	-	-	-	-	-	-	4
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	11	-	-	-	-	-	-	11
259	Manufacture of other fabricated metal products; metalworking service activities	166	7	-	13	-	-	-	186
309	Manufacture of transport equipment n.e.c.	2	-	-	1	-	-	-	3
310	Manufacture of furniture	668	14	-	64	1	-	2	749
321	Manufacture of jewellery, bijouterie and related articles	34	1	-	1	-	-	-	36
329	Other manufacturing n.e.c.	4	-	-	-	-	-	-	4
<b>C</b>	<b>Manufacturing</b>	<b>1,735</b>	<b>46</b>	<b>5</b>	<b>141</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>1,936</b>
	<b>Total</b>	<b>1,751</b>	<b>46</b>	<b>5</b>	<b>155</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>1,966</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 16: Number of Establishments by Activity and Employment Size (ISIC R4),2012**

ISIC R4	Description	Persons engaged					Total
		1-2	3-4	5-6	7-8	9	
081	Quarrying of stone, sand and clay	1	-	-	-	-	1
089	Mining and quarrying n.e.c.	-	4	9	10	6	29
<b>B</b>	<b>Mining and quarrying</b>	<b>1</b>	<b>4</b>	<b>9</b>	<b>10</b>	<b>6</b>	<b>30</b>
104	Manufacture of vegetable and animal oils and fats	-	1	2	1	-	4
106	Manufacture of grain mill products, starches and starch products	36	25	9	4	-	74
107	Manufacture of other food products	31	29	28	17	1	106
139	Manufacture of other textiles	2	6	2	1	1	12
141	Manufacture of wearing apparel, except fur apparel	429	121	20	12	4	586
152	Manufacture of footwear	4	4	-	-	-	8
161	Sawmilling and planing of wood	1	5	2	3	-	11
181	Printing and service activities related to printing	2	1	1	1	-	5
202	Manufacture of other chemical products	1	-	2	3	1	7
239	Manufacture of non-metallic mineral products n.e.c.	21	28	45	27	6	127
241	Manufacture of basic iron and steel	-	2	-	-	1	3
243	Casting of metals	-	4	-	-	-	4
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	3	5	1	2	-	11
259	Manufacture of other fabricated metal products; metalworking service activities	55	82	34	15	-	186
309	Manufacture of transport equipment n.e.c.	2	-	1	-	-	3
310	Manufacture of furniture	339	245	123	39	3	749
321	Manufacture of jewellery, bijouterie and related articles	24	9	3	-	-	36
329	Other manufacturing n.e.c.	3	-	-	1	-	4
<b>C</b>	<b>Manufacturing</b>	<b>953</b>	<b>567</b>	<b>273</b>	<b>126</b>	<b>17</b>	<b>1,936</b>
	<b>Total</b>	<b>954</b>	<b>571</b>	<b>282</b>	<b>136</b>	<b>23</b>	<b>1,966</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 17: Number of Persons Engaged by Size and Industrial Group (ISIC R4), 2012**

ISIC R4	Description	Persons engaged					Total
		1-2	3-4	5-6	7-8	9	
081	Quarrying of stone, sand and clay	1	-	-	-	-	1
089	Mining and quarrying n.e.c.	-	14	47	77	54	192
<b>B</b>	<b>Mining and Quarrying</b>	<b>1</b>	<b>14</b>	<b>47</b>	<b>77</b>	<b>54</b>	<b>193</b>
104	Manufacture of vegetable and animal oils and fats	-	3	11	8	-	22
106	Manufacture of grain mill products, starches and starch products	60	80	50	31	-	221
107	Manufacture of other food products	55	101	158	132	9	455
139	Manufacture of other textiles	4	19	10	7	9	49
141	Manufacture of wearing apparel, except fur apparel	617	401	106	90	36	1,250
152	Manufacture of footwear	6	13	-	-	-	19
161	Sawmilling and planing of wood	2	17	11	23	-	53
181	Printing and service activities related to printing	4	4	5	7	-	20
202	Manufacture of other chemical products	1	-	11	23	9	44
239	Manufacture of non-metallic mineral products n.e.c.	31	103	242	201	54	631
241	Manufacture of basic iron and steel	-	6	-	-	9	15
243	Casting of metals	-	14	-	-	-	14
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	4	17	5	15	-	41
259	Manufacture of other fabricated metal products; metalworking service activities	95	286	184	108	-	673
309	Manufacture of transport equipment n.e.c.	2	-	5	-	-	7
310	Manufacture of furniture	517	849	660	289	27	2,342
321	Manufacture of jewellery, bijouterie and related articles	40	30	16	-	-	86
329	Other manufacturing n.e.c.	4	-	-	8	-	12
<b>C</b>	<b>Manufacturing</b>	<b>1,442</b>	<b>1,943</b>	<b>1,474</b>	<b>942</b>	<b>153</b>	<b>5,954</b>
	<b>Total</b>	<b>1,443</b>	<b>1,957</b>	<b>1,521</b>	<b>1,019</b>	<b>207</b>	<b>6,147</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table18: Number of Persons Engaged by Industrial Activity and Origin of Ownership (ISIC R4),2012**

ISIC		National	Foreign	Joint	Total
<b>R4</b>	<b>Description</b>				
081	Quarrying of stone, sand and clay	1	-	-	1
089	Mining and quarrying n.e.c.	192	-	-	192
<b>B</b>	<b>Mining and Quarrying</b>	<b>193</b>	<b>-</b>	<b>-</b>	<b>193</b>
104	Manufacture of vegetable and animal oils and fats	22	-	-	22
106	Manufacture of grain mill products; starches and starch products	221	-	-	221
107	Manufacture of other food products	446	-	9	455
139	Manufacture of other textiles	49	-	-	49
141	Manufacture of wearing apparel, except fur apparel	1,245	5	-	1,250
152	Manufacture of footwear	19	-	-	19
161	Sawmilling and planing of wood	53	-	-	53
181	Printing and service activities related to printing	20	-	-	20
202	Manufacture of other chemical products	44	-	-	44
239	Manufacture of non-metallic mineral products n.e.c.	631	-	-	631
241	Manufacture of basic iron and steel	15	-	-	15
243	Casting of metals	14	-	-	14
251	Manufacture of structural metal products; tanks; reservoirs and steam generators	41	-	-	41
259	Manufacture of other fabricated metal products; metalworking service activities	673	-	-	673
309	Manufacture of transport equipment n.e.c.	7	-	-	7
310	Manufacture of furniture	2,342	-	-	2,342
321	Manufacture of jewellery, bijouterie and related articles	86	-	-	86
329	Other manufacturing n.e.c.	12	-	-	12
<b>C</b>	<b>Manufacturing</b>	<b>5,940</b>	<b>5</b>	<b>9</b>	<b>5,954</b>
	<b>Total</b>	<b>6,133</b>	<b>5</b>	<b>9</b>	<b>6,147</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 19: Number Establishment by Activity and Source of Finance**

ISIC R4	Description	Source of Finance					Total
		Personal and Relatives	Loans	Government	Other Source	Missing	
081	Quarrying of stone, sand and clay	1	-	-	-	-	1
089	Mining and quarrying n.e.c.	28	-	-	1	-	29
<b>B</b>	<b>Mining and Quarrying</b>	<b>29</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>30</b>
104	Manufacture of vegetable and animal oils and fats	4	-	-	-	-	4
106	Manufacture of grain mill products, starches and starch products	59	1	1	12	1	74
107	Manufacture of other food products	104	-	-	2	-	106
139	Manufacture of other textiles	11	-	-	-	1	12
141	Manufacture of wearing apparel, except fur apparel	562	2	1	13	8	586
152	Manufacture of footwear	8	-	-	-	-	8
161	Sawmilling and planing of wood	9	-	1	1	-	11
181	Printing and service activities related to printing	5	-	-	-	-	5
202	Manufacture of other chemical products	5	1	-	1	-	7
239	Manufacture of non-metallic mineral products n.e.c.	119	1	-	6	1	127
241	Manufacture of basic iron and steel	3	-	-	-	-	3
243	Casting of metals	4	-	-	-	-	4
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	11	-	-	-	-	11
259	Manufacture of other fabricated metal products; metalworking service activities	179	-	-	3	4	186
309	Manufacture of transport equipment n.e.c.	2	-	-	1	-	3
310	Manufacture of furniture	713	3	1	17	15	749
321	Manufacture of jewellery, bijouterie and related articles	35	-	-	-	1	36
329	Other manufacturing n.e.c.	4	-	-	-	-	4
<b>C</b>	<b>Manufacturing</b>	<b>1,837</b>	<b>8</b>	<b>4</b>	<b>56</b>	<b>31</b>	<b>1,936</b>
	<b>Total</b>	<b>1,866</b>	<b>8</b>	<b>4</b>	<b>57</b>	<b>31</b>	<b>1,966</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 20: Number of Establishments by Employment Size and Region**

Persons engaged	Region					Total
	Kaskazini Unguja	Kusini Unguja	Mjini Magharibi	Kaskazini Pemba	Kusini Pemba	
1-2	84	42	557	123	148	954
3-4	56	21	291	105	98	571
5-6	29	11	138	47	57	282
7-8	11	8	70	28	19	136
9	1	2	5	11	4	23
<b>Total</b>	<b>181</b>	<b>84</b>	<b>1,061</b>	<b>314</b>	<b>326</b>	<b>1,966</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 21: Number of Establishments by Employment Size and Origin of Ownership**

Persons engaged	Origin of ownership			Total
	National	Foreign	Joint	
1-2	950	4	-	954
3-4	571	-	-	571
5-6	282	-	-	282
7-8	136	-	-	136
9	22	-	1	23
<b>Total</b>	<b>1,961</b>	<b>4</b>	<b>1</b>	<b>1,966</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 22: Number of Establishments by Employment Size and Form of Ownership**

Persons engaged	Form of Ownership							Total
	Individual proprietorship	Partnership	Public	Cooperative	Private company	Private limited company	Other	
1-2	912	21	3	16	-	-	2	954
3-4	514	8	-	47	-	1	1	571
5-6	217	9	2	51	1	2	-	282
7-8	97	8	-	30	-	-	1	136
9	11	-	-	11	-	1	-	23
<b>Total</b>	<b>1,751</b>	<b>46</b>	<b>5</b>	<b>155</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>1,966</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 23: Number of Establishments by Employment Size and Source of Finance**

Persons engaged	Source of Finance					Total
	Personal and Relatives	Loans	Government	Other Source	Missing	
1-2	914	-	2	20	18	954
3-4	547	3	1	14	6	571
5-6	259	3	1	15	4	282
7-8	125	-	-	8	3	136
9	21	2	-	-	-	23
<b>Total</b>	<b>1,866</b>	<b>8</b>	<b>4</b>	<b>57</b>	<b>31</b>	<b>1,966</b>

Source: 2012 Census of Industrial; Production Office of Chief Government Statistician Zanzibar.

**Table 24: Number of Establishment by Activity and Year Started Operation (ISIC R4), 2012**

ISIC R4	Description	Year establishment started					Total
		Below 1990	1990-1994	1995-1999	2000-2004	2005+	
081	Quarrying of stone, sand and clay	-	-	-	1	-	1
089	Mining and quarrying n.e.c.	-	4	9	10	6	29
<b>B</b>	<b>Mining and Quarrying</b>	-	<b>4</b>	<b>9</b>	<b>11</b>	<b>6</b>	<b>30</b>
104	Manufacture of vegetable and animal oils and fats	-	1	-	-	3	4
106	Manufacture of grain mill products, starches and starch products	1	6	5	12	50	74
107	Manufacture of other food products	6	1	8	14	77	106
139	Manufacture of other textiles	-	2	2	2	6	12
141	Manufacture of wearing apparel, except fur apparel	43	23	40	70	410	586
152	Manufacture of footwear	-	1	1	1	5	8
161	Sawmilling and planing of wood	2	1	1	3	4	11
181	Printing and service activities related to printing	-	-	1	1	3	5
202	Manufacture of other chemical products	-	-	-	1	6	7
239	Manufacture of non-metallic mineral products n.e.c.	2	5	5	24	91	127
241	Manufacture of basic iron and steel	3	-	-	-	-	3
243	Casting of metals	-	-	-	2	2	4
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1	-	-	-	10	11
259	Manufacture of other fabricated metal products; metalworking service activities	18	15	11	35	107	186
309	Manufacture of transport equipment n.e.c.	1	1	-	1	-	3
310	Manufacture of furniture	105	73	94	133	344	749
321	Manufacture of jewellery, bijouterie and related articles	2	1	4	7	22	36
329	Other manufacturing n.e.c.	-	1	-	1	2	4
<b>C</b>	<b>Manufacturing</b>	<b>184</b>	<b>131</b>	<b>172</b>	<b>307</b>	<b>1,142</b>	<b>1,936</b>
	<b>Total</b>	<b>184</b>	<b>135</b>	<b>181</b>	<b>318</b>	<b>1,148</b>	<b>1,966</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 25: Evolution in Person Engaged by Activity, June to December (ISIC R4), 2012**

ISIC R4	Description	June 2012			December 2012		
		Males	Females	Total	Males	Females	Total
081	Quarrying of stone, sand and clay	1	-	1	1	-	1
089	Mining and quarrying n.e.c.	129	34	163	144	48	192
<b>B</b>	<b>Mining and Quarrying</b>	<b>130</b>	<b>34</b>	<b>164</b>	<b>145</b>	<b>48</b>	<b>193</b>
104	Manufacture of vegetable and animal oils and fats	19	3	22	19	3	22
106	Manufacture of grain mill products, starches and starch products	198	24	222	198	23	221
107	Manufacture of other food products	435	13	448	442	13	455
139	Manufacture of other textiles	41	9	50	40	9	49
141	Manufacture of wearing apparel, except fur apparel	1,018	241	1,259	1,014	236	1,250
152	Manufacture of footwear	19	-	19	19	-	19
161	Sawmilling and planing of wood	52	-	52	53	-	53
181	Printing and service activities related to printing	16	2	18	18	2	20
202	Manufacture of other chemical products	24	20	44	24	20	44
239	Manufacture of non-metallic mineral products n.e.c.	605	11	616	620	11	631
241	Manufacture of basic iron and steel	15	-	15	15	-	15
243	Casting of metals	14	-	14	14	-	14
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	40	-	40	41	-	41
259	Manufacture of other fabricated metal products; metalworking service activities	667	-	667	673	-	673
309	Manufacture of transport equipment n.e.c.	7	-	7	7	-	7
310	Manufacture of furniture	2,329	15	2,344	2,327	15	2,342
321	Manufacture of jewellery, bijouterie and related articles	82	4	86	83	3	86
329	Other manufacturing n.e.c.	12	-	12	12	-	12
<b>C</b>	<b>Manufacturing</b>	<b>5,593</b>	<b>342</b>	<b>5,935</b>	<b>5,619</b>	<b>335</b>	<b>5,954</b>
	<b>Total</b>	<b>5,723</b>	<b>376</b>	<b>6,099</b>	<b>5,764</b>	<b>383</b>	<b>6,147</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.



**Table 26a: Production Account by Individual Establishment (ISIC R4), 2012 (Tshs '000')**

ISIC R4	Description	Number of Establishment	Person Engaged	Gross Output	Intermediate Consumption	Value Added (Basic prices)	Compensation of Employees	Taxes on Production Less subsidies	Gross Operating Surplus
081	Quarrying of stone, sand and clay	1	1	2,200	112	2,088	-	-	2,088
089	Mining and quarrying n.e.c.	29	192	202,693	43,273	159,420	25,079	466	133,875
<b>B</b>	<b>Mining and Quarrying</b>	<b>30</b>	<b>193</b>	<b>204,893</b>	<b>43,385</b>	<b>161,508</b>	<b>25,079</b>	<b>466</b>	<b>135,963</b>
104	Manufacture of vegetable and animal oils and fats	4	22	123,640	57,095	66,545	15,600	2,10	50,735
106	Manufacture of grain mill products, starches and starch products	74	221	726,428	273,931	452,497	112,160	3,020	337,317
107	Manufacture of other food products	106	455	7,402,062	4,215,381	3,186,680	458,153	7,866	2,720,661
139	Manufacture of other textiles	12	49	194,722	67,930	126,792	17,050	305	109,437
141	Manufacture of wearing apparel, except fur apparel	586	1,250	4,928,460	1,244,442	3,684,017	916,468	27,899	2,739,650
152	Manufacture of footwear	8	19	60,578	18,651	41,927	22,350	370	19,207
161	Sawmilling and planing of wood	11	53	210,660	50,043	160,617	33,060	216	127,341
181	Printing and service activities related to printing	5	20	353,976	107,266	246,710	12,220	595	233,895
202	Manufacture of other chemical products	7	44	227,427	24,983	202,443	22,146	980	179,317
239	Manufacture of non-metallic mineral products n.e.c.	127	631	15,762,231	7,367,681	8,394,550	839,337	12,344	7,542,869
241	Manufacture of basic iron and steel	3	15	19,773	5,182	14,591	425		14,167
243	Casting of metals	4	14	208,652	142,299	66,353	16,200	335	49,818
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	11	41	2,358,135	268,179	2,089,956	25,584	1,960	2,062,412
259	Manufacture of other fabricated metal products; metalworking service activities	186	673	6,530,128	2,262,949	4,267,179	685,354	10,178	3,571,647
309	Manufacture of transport equipment n.e.c.	3	7	37,100	20,912	16,188	-	70	16,118
310	Manufacture of furniture	749	2,342	33,737,668	16,876,767	16,860,901	1,717,234	29,929	15,113,738
321	Manufacture of jewellery, bijouterie and related articles	36	86	1,623,329	1,298,788	324,541	121,920	3,784	198,837
329	Other manufacturing n.e.c.	4	12	26,305	10,696	15,610	60	210	15,340
<b>C</b>	<b>Manufacturing</b>	<b>1,936</b>	<b>5,954</b>	<b>74,531,273</b>	<b>34,313,176</b>	<b>40,218,098</b>	<b>5,015,321</b>	<b>100,271</b>	<b>35,102,506</b>
	<b>Total</b>	<b>1,966</b>	<b>6,147</b>	<b>74,736,166</b>	<b>34,356,561</b>	<b>40,379,606</b>	<b>5,040,400</b>	<b>100,737</b>	<b>35,238,469</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 26b: Production Account by Individual Establishment (ISIC R4), 2012 (Tshs '000')**

Region	Number of Establishment	Person Engaged	Gross Output	Intermediate Consumption	Value Added (Basic prices)	Compensation of Employees	Taxes on Production Less subsidies	Gross Operating Surplus
Kaskazini Unguja	181	575	3,798,706	1,751,816	2,046,889	479,231	4,720	1,562,938
Kusini Unguja	84	267	2,403,455	1,310,973	1,092,482	275,464	4,923	812,096
Mjini Magharibi	1,061	3,171	58,531,518	27,343,241	31,188,278	3,520,479	78,535	27,589,264
Kaskazini Pemba	314	1,105	4,262,202	1,564,829	2,697,373	420,967	4,389	2,272,017
Kusini Pemba	326	1,029	5,740,285	2,385,702	3,354,583	344,259	8,170	3,002,154
<b>Total</b>	<b>1,966</b>	<b>6,147</b>	<b>74,736,166</b>	<b>34,356,561</b>	<b>40,379,606</b>	<b>5,040,400</b>	<b>100,737</b>	<b>35,238,469</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 27a: Principal Indicators by Industrial Activity (ISIC R4), 2012 Value (Tshs '000')**

ISIC R4	Description	Number of Establishment	Gross Output per Establishment	Gross Output per Workers	Value Added as a percent of GO	Value Added per Establishment	Value Added per Workers	Compensation of Employee	
								Per employee per month	As a percent of VA
081	Quarrying of stone, sand and clay	1	2,200	2,200	94.91	2,088	2,088	-	-
089	Mining and quarrying n.e.c.	29	6,989	1,056	78.65	5,497	830	17	16
<b>B</b>	<b>Mining and Quarrying</b>	<b>30</b>	<b>6,830</b>	<b>1,062</b>	<b>78.83</b>	<b>5,384</b>	<b>837</b>	<b>17</b>	<b>16</b>
104	Manufacture of vegetable and animal oils and fats	4	30,910	5,620	53.82	16,636	3,025	68	23
106	Manufacture of grain mill products, starches and starch products	74	9,817	3,287	62.29	6,115	2,047	72	25
107	Manufacture of other food products	106	69,831	16,268	43.05	30,063	7,004	105	14
139	Manufacture of other textiles	12	16,227	3,974	65.11	10,566	2,588	57	13
141	Manufacture of wearing apparel, except fur apparel	594	8,399	3,931	74.68	6,273	2,936	123	25
161	Sawmilling and planing of wood	11	19,151	3,975	76.24	14,602	3,031	86	21
181	Printing and service activities related to printing	5	70,795	17,699	69.70	49,342	12,336	85	5
202	Manufacture of other chemical products	7	32,490	5,169	89.01	28,920	4,601	92	11
239	Manufacture of non-metallic mineral products n.e.c.	127	124,112	24,980	53.26	66,099	13,304	126	10
241	Manufacture of basic iron and steel	3	6,591	1,318	73.79	4,864	973	9	3
243	Casting of metals	4	52,163	14,904	31.80	16,588	4,740	123	24
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	11	214,376	57,515	88.63	189,996	50,975	79	1
259	Manufacture of other fabricated metal products; metalworking service activities	186	35,108	9,703	65.35	22,942	6,341	125	16
301	Building of ships and boats	749	45,044	14,405	49.98	22,511	7,199	103	10
309	Manufacture of transport equipment n.e.c.	3	12,367	5,300	43.63	5,396	2,313	-	-
321	Manufacture of jewellery, bijouterie and related articles	36	45,092	18,876	19.99	9,015	3,774	203	38
329	Other manufacturing n.e.c.	4	6,576	2,192	59.34	3,902	1,301		
<b>C</b>	<b>Manufacturing</b>	<b>1,936</b>	<b>38,498</b>	<b>12,518</b>	<b>53.96</b>	<b>20,774</b>	<b>6,755</b>	<b>112</b>	<b>12</b>
	<b>Total</b>	<b>1,966</b>	<b>808,238</b>	<b>212,372</b>	<b>54.03</b>	<b>511,415</b>	<b>131,402</b>	<b>1,475</b>	<b>256</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 27b: Principal Indicators by Industrial Activity (ISIC R4),2012Values (Tshs '000')**

ISIC R4	Description	Number of Establishment		Total person engaged		Total person employed		Gross Output		Value Added (Basic prices)		Compensation of Employees	
		Number	Number	Percent	Number	Value	Percent	Value	Percent	Value	Percent		
081	Quarrying of stone, sand and clay	1	1	-	-	2,200	-	2,088	-	-	-		
089	Mining and Quarrying n. e.c.	29	192	1	122	202,693	1	159,420	1	25,079	1		
<b>B</b>	<b>Mining and Quarrying</b>	<b>30</b>	<b>193</b>	<b>1</b>	<b>122</b>	<b>204,893</b>	<b>1</b>	<b>161,508</b>	<b>1</b>	<b>25,079</b>	<b>1</b>		
104	Manufacture of vegetable and animal oils and fats	4	22	-	19	123,640	-	66,545	-	15,600	-		
106	Manufacture of grain mill products, starches and starch products	74	221	4	130	726,428	4	452,497	4	112,160	4		
107	Manufacture of other food products	106	455	5	362	7,402,062	5	3,186,680	5	458,153	5		
139	Manufacture of other textiles	12	49	1	25	194,722	1	126,792	1	17,050	1		
141	Manufacture of wearing apparel, except fur apparel	586	1250	30	621	4,928,460	30	3,684,017	30	916,468	30		
152	Manufacture of footwear	8	19	-	14	60,578	-	41,927	-	22,350	-		
161	Sawmilling and planning of wood	11	53	1	32	210,660	1	160,617	1	33,060	1		
181	Printing and service activities related to printing	5	20	-	12	353,976	-	246,710	-	12,220	-		
202	Manufacture of other chemical products	7	44	-	20	227,427	-	202,443	-	22,146	-		
239	Manufacture of non-metallic mineral products n.e.c.	127	631	6	553	15,762,231	6	8,394,550	6	839,337	6		
241	Manufacture of basic iron and steel	3	15	-	4	19,773	-	14,591	-	425	-		
243	Casting of metals	4	14	-	11	208,652	-	66,353	-	16,200	-		
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	11	41	1	27	2,358,135	1	2,089,956	1	25,584	1		
259	Manufacture of other fabricated metal products; metalworking service activities	186	673	9	457	6,530,128	9	4,267,179	9	685,354	9		
309	Manufacture of transport equipment n.e.c.	3	7	-	2	37,100	-	16,188	-	-	-		
310	Manufacture of furniture	749	2342	38	1386	33,737,668	38	16,860,901	38	1,717,234	38		
321	Manufacture of jewellery, bijouterie and related articles	36	86	2	50	1,623,329	2	324,541	2	121,920	2		
329	Other manufacturing n.e.c.	4	12	-	-	26,305	-	15,610	-	60	-		
<b>C</b>	<b>Manufacturing</b>	<b>1,936</b>	<b>5,954</b>	<b>98</b>	<b>3,725</b>	<b>74,531,273</b>	<b>98</b>	<b>40,218,098</b>	<b>98</b>	<b>5,015,321</b>	<b>98</b>		
	<b>Total</b>	<b>1,966</b>	<b>6,147</b>	<b>100</b>	<b>3,847</b>	<b>74,736,166</b>	<b>100</b>	<b>40,379,606</b>	<b>100</b>	<b>5,040,400</b>	<b>100</b>		

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 28: Detailed Intermediate Consumption by Industrial Activity (ISIC R4), 2012 (Tshs '000')**

ISIC R4	Description	Imported	Local	Electricity, water & fuel	Industrial Services Consumed	Non Industrial Services Consumed	Change in Stock	Total Intermediate
081	Quarrying of stone, sand and clay		8	-	-	100	(4)	112
089	Mining and quarrying n.e.c.	-	10,920	13,455	11,700	7,085	(113)	43,273
<b>B</b>	<b>Mining and Quarrying</b>	<b>-</b>	<b>10,928</b>	<b>13,455</b>	<b>11,700</b>	<b>7,185</b>	<b>(117)</b>	<b>43,385</b>
104	Manufacture of vegetable and animal oils and fats	-	49,672	13,999	800	1,740	9,116	57,095
106	Manufacture of grain mill products, starches and starch products	3,530	32,634	217,885	11,373	7,635	(875)	273,931
107	Manufacture of other food products	110,021	3,720,743	292,503	17,444	76,225	1,554	4,215,381
139	Manufacture of other textiles	-	62,142	1,943	2,400	3,130	1,685	67,930
141	Manufacture of wearing apparel, except fur apparel	504	814,060	163,925	19,956	227,078	(18,918)	1,244,442
152	Manufacture of footwear	-	14,709	698	2,010	2,654	1,420	18,651
161	Sawmilling and planning of wood	-	26,500	18,301	1,870	4,172	800	50,043
181	Printing and service activities related to printing	-	99,603	2,942	350	3,870	(500)	107,266
202	Manufacture of other chemical products	-	15,081	4,210	200	3,422	(2,072)	24,983
239	Manufacture of non-metallic mineral products n.e.c.	38,700	6,425,665	470,774	16,270	51,022	(365,250)	7,367,681
241	Manufacture of basic iron and steel	-	4,350	780	-	40	(12)	5,182
243	Casting of metals	-	136,248	1,785	300	2,841	(1,125)	142,299
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	4,000	244,261	4,968	10	14,990	50	268,179
259	Manufacture of other fabricated metal products; metalworking service activities	12,751	2,044,878	128,909	9,050	69,139	1,779	2,262,949
309	Manufacture of transport equipment n.e.c.	-	20,850	-	-	12	(50)	20,912
310	Manufacture of furniture	44,070	16,197,323	186,435	106,296	321,162	(21,481)	16,876,767
321	Manufacture of jewellery, bijouterie and related articles	57,500	938,979	170,476	1,170	22,518	(108,145)	1,298,788
329	Other manufacturing n.e.c.	5,000	5,443	188	25	40	-	10,696
<b>C</b>	<b>Manufacturing</b>	<b>276,076</b>	<b>30,853,140</b>	<b>1,680,722</b>	<b>189,524</b>	<b>811,690</b>	<b>(502,024)</b>	<b>34,313,176</b>
	<b>Total</b>	<b>276,076</b>	<b>30,864,068</b>	<b>1,694,177</b>	<b>201,224</b>	<b>818,875</b>	<b>(502,141)</b>	<b>34,356,561</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 29: Compensation of Employee and Labour Cost by Industrial Activity (Tshs '000')**

ISIC R4	Description	Gross wages and salaries paid to employees	Overtime payments	Reimbursement of travel expenses	Payments in kind	Employer's contribution to social Security Schemes	Training expenses	Other labour costs	Total
081	Quarrying of stone, sand and clay	-	-	-	-	-	-	-	-
089	Mining and quarrying n.e.c.	23,490	384	-	1,205	-	-	4,034	29,113
<b>B</b>	<b>Mining and Quarrying</b>	<b>23,490</b>	<b>384</b>	<b>-</b>	<b>1,205</b>	<b>-</b>	<b>-</b>	<b>4,034</b>	<b>29,113</b>
104	Manufacture of vegetable and animal oils and fats	4,800	10,800	-	-	-	-	-	15,600
106	Manufacture of grain mill products, starches and starch products	97,590	12,650	-	1,920	-	-	5,040	117,200
107	Manufacture of other food products	419,031	30,334	14	8,774	-	746	4,180	463,079
139	Manufacture of other textiles	12,940	3,610	-	500	0	-	400	17,450
141	Manufacture of wearing apparel, except fur apparel	847,604	15,528	8,442	43,134	1,760	136	10,424	927,028
152	Manufacture of footwear	22,350	-	-	-	-	-	-	22,350
161	Sawmilling and planing of wood	33,060	-	-	-	-	-	-	33,060
181	Printing and service activities related to printing	10,260	1,600	-	360	-	-	-	12,220
202	Manufacture of other chemical products	22,146	-	-	-	-	8,550	720	31,416
239	Manufacture of non-metallic mineral products n.e.c.	782,392	48,985	2,400	5,560	-	-	9,720	849,057
241	Manufacture of basic iron and steel	393	32	-	-	-	-	-	425
243	Casting of metals	16,200	-	-	-	-	-	-	16,200
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	22,800	2,700	-	84	-	-	-	25,584
259	Manufacture of other fabricated metal products; metalworking service activities	641,934	31,696	540	11,160	24	380	13,304	699,038
309	Manufacture of transport equipment n.e.c.	-	-	-	-	-	-	-	-
310	Manufacture of furniture	1,609,590	77,036	3,700	26,908	-	-	11,590	1,728,824
321	Manufacture of jewellery, bijouterie and related articles	72,420	49,500	-	-	-	-	-	121,920
329	Other manufacturing n.e.c.	-	-	-	60	-	-	-	60
<b>C</b>	<b>Manufacturing</b>	<b>4,615,511</b>	<b>284,471</b>	<b>15,096</b>	<b>98,460</b>	<b>1,784</b>	<b>9,812</b>	<b>55,378</b>	<b>5,080,511</b>
	<b>Total</b>	<b>4,639,001</b>	<b>284,855</b>	<b>15,096</b>	<b>99,665</b>	<b>1,784</b>	<b>9,812</b>	<b>59,412</b>	<b>5,109,624</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

Table 30: Service consumed by Activity (ISIC R4), 2012 (Tshs '000')

ISIC R4	Description	Contract and Commission paid for work done on your materials	Cost of repairs and maintenance work	Postage and other communication costs	Rental of building, machinery, plant and equipment	Storage and hire of transport	Payment for bank charges	Publicity	Consultancy and other professional fees	Other	Total
081	Quarrying of stone, sand and clay	-	-	20	-	-	-	-	-	100	100
089	Mining and quarrying n.e.c.	-	4,480	997	40	3,988	-	-	-	-	18,785
<b>B</b>	<b>Mining and Quarrying</b>	-	<b>4,480</b>	<b>1,017</b>	<b>40</b>	<b>3,988</b>	-	-	-	<b>100</b>	<b>18,885</b>
104	Manufacture of vegetable and animal oils and fats	-	800	540	720	480	-	-	-	-	2,540
106	Manufacture of grain mill products, starches and starch products	550	10,563	2,402	3,930	1,210	45	-	-	188	19,007
107	Manufacture of other food products	288	14,507	8,838	37,685	6,716	720	70	10,750	456	93,669
139	Manufacture of other textiles	-	2,360	1,030	800	1,300	-	-	-	-	5,530
141	Manufacture of wearing apparel, except fur apparel	4,300	17,163	32,451	145,832	9,802	24	70	-	1,228	247,034
152	Manufacture of footwear	540	270	704	1,290	660	-	-	-	-	4,664
161	Sawmilling and planing of wood	-	450	36	-	720	-	-	-	720	6,042
181	Printing and service activities related to printing	350	-	630	3,120	-	120	-	-	-	4,220
202	Manufacture of other chemical products	-	200	1,665	1,505	128	125	-	-	-	3,622
239	Manufacture of non-metallic mineral products n.e.c.	540	11,250	12,704	38,906	2,706	-	-	-	2,440	67,292
241	Manufacture of basic iron and steel	-	-	-	-	40	-	-	-	-	40
243	Casting of metals	-	300	264	405	1,800	-	-	-	72	3,141
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	-	10	2,370	11,380	120	-	40	-	-	15,000
259	Manufacture of other fabricated metal products; metalworking service activities	2,080	6,690	13,609	39,725	11,342	-	300	-	257	78,189
309	Manufacture of transport equipment n.e.c.	-	-	-	-	-	-	-	-	-	12
310	Manufacture of furniture	73,500	32,870	53,833	92,165	121,657	721	6,008	-	11,564	427,458
321	Manufacture of jewellery, bijouterie and related articles	40	1,570	10,030	12,908	200	10	-	-	-	23,688
329	Other manufacturing n.e.c.	-	25	-	-	40	-	-	-	-	65
<b>C</b>	<b>Manufacturing</b>	<b>82,188</b>	<b>99,028</b>	<b>141,105</b>	<b>390,371</b>	<b>158,921</b>	<b>1,765</b>	<b>6,488</b>	<b>10,750</b>	<b>16,924</b>	<b>1,001,213</b>
	<b>Total</b>	<b>82,188</b>	<b>103,508</b>	<b>142,122</b>	<b>390,411</b>	<b>162,909</b>	<b>1,765</b>	<b>6,488</b>	<b>10,750</b>	<b>17,024</b>	<b>1,020,099</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 31: Number of Person Engaged by Activity (ISIC R4), 2012**

ISIC R4	Description	Number of persons engaged (Tanzania June 30)		Number of persons engaged (Foreign June 30)		Grand Total	Number of persons engaged (Tanzania December 31)		Number of persons engaged (Foreign December 31)		Grand Total
		Male	Female	Male	Female		Male	Female	Male	Female	
081	Quarrying of stone, sand and clay	1	-	-	-	1	1	-	-	-	1
089	Mining and quarrying n.e.c.	129	34	-	-	163	144	48	-	-	192
<b>B</b>	<b>Mining and Quarrying</b>	<b>130</b>	<b>34</b>	<b>-</b>	<b>-</b>	<b>164</b>	<b>145</b>	<b>48</b>	<b>-</b>	<b>-</b>	<b>193</b>
104	Manufacture of vegetable and animal oils and fats	19	3	-	-	22	19	3	-	-	22
106	Manufacture of grain mill products, starches and starch products	198	24	-	-	222	198	23	-	-	221
107	Manufacture of other food products	434	13	1	-	448	441	13	1	-	455
139	Manufacture of other textiles	41	9	-	-	50	40	9	-	-	49
141	Manufacture of wearing apparel, except fur apparel	1,018	241	-	-	1,259	1,014	236	-	-	1,250
152	Manufacture of footwear	19	-	-	-	19	19	-	-	-	19
161	Sawmilling and planing of wood	52	-	-	-	52	53	-	-	-	53
181	Printing and service activities related to printing	16	2	-	-	18	18	2	-	-	20
202	Manufacture of other chemical products	24	20	-	-	44	24	20	-	-	44
239	Manufacture of non-metallic mineral products n.e.c.	605	11	-	-	616	620	11	-	-	631
241	Manufacture of basic iron and steel	15	-	-	-	15	15	-	-	-	15
243	Casting of metals	14	-	-	-	14	14	-	-	-	14
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	40	-	-	-	40	41	-	-	-	41
259	Manufacture of other fabricated metal products; metalworking service activities	667	-	-	-	667	673	-	-	-	673
309	Manufacture of transport equipment n.e.c.	7	-	-	-	7	7	-	-	-	7
310	Manufacture of furniture	2,329	14	-	1	2,344	2,327	14	-	1	2,342
321	Manufacture of jewellery, bijouterie and related articles	82	4	-	-	86	83	3	-	-	86
329	Other manufacturing n.e.c.	12	-	-	-	12	12	-	-	-	12
<b>C</b>	<b>Manufacturing</b>	<b>5,592</b>	<b>341</b>	<b>1</b>	<b>1</b>	<b>5,935</b>	<b>5,618</b>	<b>334</b>	<b>1</b>	<b>1</b>	<b>5,954</b>
	<b>Total</b>	<b>5,722</b>	<b>375</b>	<b>1</b>	<b>1</b>	<b>6,099</b>	<b>5,763</b>	<b>382</b>	<b>1</b>	<b>1</b>	<b>6,147</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 32: Components of Gross Output by Industrial Activity (ISIC R4), 2012 (Tshs.'000')**

ISIC R4	Description	Exports	Local market	Change in Stock	Industrial Services	Non-industrial services consumed	Other	Cost of goods sold as purchased	Total Gross
081	Quarrying of stone, sand and clay	2,160	-	40	-	-	-	-	2,200
089	Mining and quarrying n.e.c.	170,560	4,200	27,138	-	45	750	-	202,693
<b>B</b>	<b>Mining and Quarrying</b>	<b>172,720</b>	<b>4,200</b>	<b>27,178</b>	<b>-</b>	<b>45</b>	<b>750</b>	<b>-</b>	<b>204,893</b>
104	Manufacture of vegetable and animal oils and fats	116,730	-	6,910	-	-	-	-	123,640
106	Manufacture of grain mill products, starches and starch products	706,886	14,400	(28)	3,670	-	1,500	-	726,428
107	Manufacture of other food products	7,396,328	37,368	(694)	1,060	-	22,000	-	7,402,062
139	Manufacture of other textiles	196,150	-	(3,628)	1,000	-	1,200	-	194,722
141	Manufacture of wearing apparel, except fur apparel	4,911,599	39,967	(9,762)	49,137	19,996	6,540	8,416	4,989,038
161	Sawmilling and planing of wood	188,330	18,000	550	480	3,300	-	-	210,660
181	Printing and service activities related to printing	352,826	-	600	750	-	-	200	353,976
202	Manufacture of other chemical products	55,749	-	10,804	-	3,967	160,906	4,000	227,427
239	Manufacture of non-metallic mineral products n.e.c.	16,130,786	-	(281,085)	50	31,580	-	23,000	15,762,231
241	Manufacture of basic iron and steel	19,738	-	35	-	-	-	-	19,773
243	Casting of metals	210,652	-	(2,000)	-	-	-	-	208,652
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	2,252,675	102,000	3,150	-	3,000	310	3,000	2,358,135
259	Manufacture of other fabricated metal products; metalworking service activities	6,511,395	29,696	(1,124)	59,605	300	626	-	6,530,128
301	Building of ships and boats	33,522,591	159,645	132,984	226,025	141,723	5,670	153,018	33,737,668
309	Manufacture of transport equipment n.e.c.	36,450	-	650	-	-	-	-	37,100
321	Manufacture of jewellery, bijouterie and related articles	1,729,477	-	(136,758)	-	37,640	-	7,030	1,623,329
329	Other manufacturing n.e.c.	11,080	15,400	(175)	-	-	-	-	26,305
<b>C</b>	<b>Manufacturing</b>	<b>74,349,442</b>	<b>416,476</b>	<b>(279,571)</b>	<b>341,777</b>	<b>241,506</b>	<b>198,752</b>	<b>198,664</b>	<b>74,531,273</b>
	<b>Total</b>	<b>74,522,162</b>	<b>420,676</b>	<b>(252,393)</b>	<b>341,777</b>	<b>241,551</b>	<b>199,502</b>	<b>198,664</b>	<b>74,736,166</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 33: Electricity, Water and Fuels Consumed by Industrial Activity (ISIC R4), 2012 (Tshs '000')**

ISIC R4	Description	Electricity	Water	Gas	Fuel for machines and vehicles	Wood, charcoal and peat	Other fuels	Total
089	Mining and quarrying n.e.c.	-	-	1,320	11,500	-	635	13,455
<b>B</b>	<b>Mining and Quarrying</b>	<b>-</b>	<b>-</b>	<b>1,320</b>	<b>11,500</b>	<b>-</b>	<b>635</b>	<b>13,455</b>
104	Manufacture of vegetable and animal oils and fats	2,803	-	-	10,800	-	396	13,999
106	Manufacture of grain mill products, starches and starch products	54,487	2,076	-	145,073	4,788	11,461	217,885
107	Manufacture of other food products	52,820	12,654	-	23,446	179,615	23,968	292,503
139	Manufacture of other textiles	250	120	-	860	-	713	1,943
141	Manufacture of wearing apparel, except fur apparel	134,517	140	-	12,146	1,129	16,691	164,624
161	Sawmilling and planing of wood	17,760	-	-	300	-	241	18,301
181	Printing and service activities related to printing	1,644	-	-	1,202	-	96	2,942
202	Manufacture of other chemical products	2,943	79	-	1,053	-	135	4,210
239	Manufacture of non-metallic mineral products n.e.c.	110,504	15,371	6	320,019	60	24,814	470,774
241	Manufacture of basic iron and steel	-	-	-	-	780	-	780
243	Casting of metals	1,380	-	-	297	-	108	1,785
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	3,672	-	-	1,290	-	6	4,968
259	Manufacture of other fabricated metal products; metalworking service activities	84,479	24	500	5,275	15,020	23,611	128,909
301	Building of ships and boats	127,205	252	-	15,307	344	43,327	186,435
309	Manufacture of transport equipment n.e.c.	-	-	-	-	-	-	-
321	Manufacture of jewellery, bijouterie and related articles	141,742	2,860	24,804	744	120	207	170,476
329	Other manufacturing n.e.c.	180	-	-	-	-	8	188
<b>C</b>	<b>Manufacturing</b>	<b>736,385</b>	<b>33,577</b>	<b>25,310</b>	<b>537,813</b>	<b>201,856</b>	<b>145,781</b>	<b>1,680,722</b>
	<b>Total</b>	<b>736,385</b>	<b>33,577</b>	<b>26,630</b>	<b>549,313</b>	<b>201,856</b>	<b>146,416</b>	<b>1,694,177</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 34a: Sales of Goods by Product Category and Origin, 2012 Value (Tshs'000')**

CPC CODES	Description	Local Sold Value	Exported Value	Total
	Missing	322,330	-	322,330
15320	Pebbles, gravel, broken or crushed stone, macadam; granules, chippings and powder of stone	10,800	-	10,800
16200	Salt and pure sodium chloride; sea water	170,560	4,200	174,760
21546	Coconut oil, refined	66,000	-	66,000
21549	Other vegetable oils, refined, n.e.c.	53,850	-	53,850
22249	Butter and other fats and oils derived from other milk	2,970	-	2,970
22270	Ice cream and other edible ice	21,600	-	21,600
23110	Wheat and muslin flour	22,815	-	22,815
23410	Crisp bread; risks, toasted bread and similar toasted products	115,832	-	115,832
23420	Gingerbread and the like; sweet biscuits; waffles and wafers	38,160	-	38,160
23490	Bread and other bakers' wares	6,336,604	-	6,336,604
23670	Sugar confectionery (including white chocolate), not containing cocoa; vegetables, fruit, nuts, fruit-peel and other par	-	37,368	37,368
23710	Uncooked pasta, not stuffed or otherwise prepared	740,316	-	740,316
24410	Bottled waters, not sweetened or flavoured	182,942	-	182,942
27130	Curtains (including drapes) and interior blinds; curtain or bed valances	57,190	-	57,190
27180	Quilts, eiderdowns, cushions, pouffes, pillows, sleeping bags and the like, fitted with springs or stuffed or internally	22,070	-	22,070
27290	Other carpets and textile floor coverings (including those of felt)	42,963	-	42,963
27310	Twine, cordage, rope and cables	26,100	-	26,100
27320	Knotted netting of twine, cordage or rope; made up nets of textile materials; articles of yarn, strip, twine, cordage, r	24,800	-	24,800
28221	Men's or boys' suits, coats, jackets, trousers, shorts and the like, knitted or crocheted	1,116,509	10,375	1,126,884
28222	Men's or boys' shirts, underpants, pyjamas, dressing gowns and similar articles, knitted or crocheted	35,360	-	35,360
28223	Women's or girls' suits, coats, jackets, dresses, skirts, trousers, shorts and the like, knitted or crocheted	2,947,626	29,352	2,976,978
28224	Women's or girls' blouses, shirts, petticoats, panties, nightdresses, dressing gowns and similar articles, knitted or cr	373,808	-	373,808
28225	T-shirts, singlets and other vests, knitted or crocheted	3,600	-	3,600
28231	Men's or boys' suits, coats, jackets, trousers, shorts and the like, of textile fabric, not knitted or crocheted	3,600	-	3,600
28238	Handkerchiefs, shawls, scarves, veils, ties, cravats, gloves and other made-up clothing accessories, of textile fabric,	35,640	-	35,640
29290	Other articles of leather or composition leather (including articles of a kind used in machinery or mechanical appliance	20,000	-	20,000
29330	Footwear with uppers of leather, other than sports footwear, footwear incorporating a protective metal toe-cap and miscue	102,950	-	102,950
31100	Wood, sawn or chipped lengthwise, sliced or peeled, of a thickness exceeding 6 mm; railway or tramway sleepers (cross-ti	596,388	25,920	622,308
31310	Wood in the rough, treated with paint, stains, creosote or other preservatives	61,277	-	61,277
31330	Other wood in the rough (including split poles and pickets)	2,400	-	2,400
32129	Other uncoated paper and paperboard, of a kind used for writing, printing or other graphic purposes, and punch card stoc	17,135	-	17,135

35140	Writing or drawing ink and other inks	9,050	-	9,050
35321	Soap; organic surface-active products and preparations for use as soap; paper, wadding, felt and nonwovens, impregnated,	12,884	-	12,884
37114	Glass in sheets, bent, edge-worked, engraved, drilled, enamelled or otherwise worked, but not framed, etc.	2,300	-	2,300
37116	Glass mirrors; multiple walled insulating units of glass	46,320	-	46,320
37440	Portland cement, aluminous cement, slag cement and similar hydraulic cements, except in the form of clinkers	209,925	-	209,925
37520	Boards, blocks and similar articles of vegetable fibre, straw or wood waste agglomerated with mineral binders	13,455,434	-	13,455,434
37560	Other articles of cement, concrete or artificial stone	1,247,708	-	1,247,708
38112	Seats, primarily with wooden frames	180,008	-	180,008
38119	Other seats	133,900	-	133,900
38121	Other metal furniture, of a kind used in offices	2,855	-	2,855
38122	Other wooden furniture, of a kind used in offices	162,403	600	163,003
38130	Other wooden furniture, of a kind used in the kitchen	4,884	-	4,884
38140	Other furniture n.e.c	31,753,672	151,075	31,904,747
38150	Mattress supports; mattresses, fitted with springs or stuffed or internally fitted with any material or of cellular rub	28,440	-	28,440
38210	Pearls, natural or cultured and unworked	2,400	-	2,400
38240	Jewellery and other articles of precious metal or of metal clad with precious metal; articles of natural or cultured pea	1,712,377	-	1,712,377
38410	Snow-skis and other snow-ski equipment; ice-skates and roller-skates	17,250	-	17,250
39360	39360	-	90	90
42120	Doors, windows and their frames and thresholds for doors, of iron, steel or aluminium	55,000	-	55,000
42912	Table, kitchen or other household articles and parts thereof, of iron, steel, copper or aluminium; cooking or heating ap	164,405	14,400	178,805
42922	Interchangeable tools for hand tools or for machine tools, including dies for drawing or extruding metal, and rock drill	3,740	-	3,740
42931	Tanks, casks, drums, cans, boxes and similar containers (other than for compressed or liquefied gas) of iron, steel or a	137,282	-	137,282
42942	Stranded wire, cables, plaited bands and the like, of copper or aluminium, not electrically insulated	345,600	-	345,600
42943	Cloth, grill, netting and fencing, of iron or steel wire; expanded metal of iron or steel	7,600,071	131,606	7,731,677
42944	Nails, tacks, staples (except staples in strips), screws, bolts, nuts, screw hooks, rivets, cotters, cotter-pins, washer	73,666	-	73,666
42945	Springs and leaves for springs, of iron or steel	31,200	-	31,200
42993	Armoured or reinforced safes, strong-boxes and doors and safe deposit lockers for strong-rooms, cash or deed boxes and t	12,840	-	12,840
42995	Fittings for loose-leaf binders or files; letter clips, letter corners, paper clips, indexing tags and similar office ar	15,000	-	15,000
42997	Sewing needles, knitting needles, bodkins, crochet hooks, embroidery stilettos and similar articles, for use in the hand	12,672	-	12,672
43530	Fork-lift trucks; other works trucks whether or not fitted with lifting or handling equipment; tractors of the type used	161,795	-	161,795
43931	Fans, except domestic type; centrifuges, except cream separators and clothes dryers	3,600	-	3,600
43943	Parts for the goods of subclasses 43922, 43923 and 43933; weighing machine weights; parts of agricultural or horticulture	4,840	-	4,840
44112	Harrows, scarifies, cultivators, welders and hoes	340,604	-	340,604

44222	Machine-tools for working wood, cork, bone, hard rubber, hard plastics or similar hard materials; presses for the manufa	79,200	-	79,200
44513	Machinery used in the milling industry or for the working of cereals or dried leguminous vegetables other than farm-type	666,075	14,400	680,475
49410	Sailboats (except inflatable), with or without auxiliary motor	164,800	-	164,800
87110	Maintenance and repair services of fabricated metal products, except machinery and equipment	4,380	240	4,620
87220	Repair services of watches, clocks and jewellery	1,500	-	1,500
88140	Vegetable and animal oil and fat manufacturing services	17,760	-	17,760
88426	Soap, detergents, cleaning preparation and perfume manufacturing services	1,440	-	1,440
88774	Mining, quarrying and construction machinery manufacturing services	979,400	-	979,400
89121	Printing services	344,546	-	344,546
99998	Other	744,743	1,050	745,793
99999	<b>Total</b>	<b>74,522,162</b>	<b>420,676</b>	<b>74,942,839</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 34b : Value and Percentage of Sales From Own Production (Tshs. '000')**

Descriptions	Value of Sales	Percent
Local Sold Value	74,522,162	99
Exported Value	420,676	1
<b>Total</b>	<b>74,942,839</b>	<b>100</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 35: Net Investment by Industrial Activity and Type (ISIC R4), 2012 (Tshs'000')**

ISIC R4	Description	Land	Buildings and other construction works	Transport equipment	Machinery and other equipment	Other	Total
081	Quarrying of stone, sand and clay	-	-	-	8	-	8
089	Mining and quarrying n.e.c.	-	-	-	-	-	-
<b>B</b>	<b>Mining and Quarrying</b>	-	-	-	<b>8</b>	-	<b>8</b>
104	Manufacture of vegetable and animal oils and fats	-	-	-	-	-	-
106	Manufacture of grain mill products, starches and starch products	500	200	-	250	-	950
107	Manufacture of other food products	-	3,000	-	55	-	3,055
139	Manufacture of other textiles	-	-	-	-	-	-
141	Manufacture of wearing apparel, except fur apparel	2,300	1,820	-	10,480	-	11,056
161	Sawmilling and planning of wood	-	-	-	-	-	-
181	Printing and service activities related to printing	-	-	-	-	-	-
202	Manufacture of other chemical products	-	-	-	-	-	-
239	Manufacture of non-metallic mineral products n.e.c.	-	-	-	3,145	100	2,115
241	Manufacture of basic iron and steel	-	-	-	-	-	-
243	Casting of metals	-	-	-	-	-	-
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	-	-	-	-	-	-
259	Manufacture of other fabricated metal products; metalworking service activities	-	-	-	1,215	-	1,215
301	Building of ships and boats	(50)	1,420	-	21,342	126	22,893
309	Manufacture of transport equipment n.e.c.	-	-	-	-	-	-
321	Manufacture of jewellery, bijouterie and related articles	-	-	-	1,900	-	1,900
329	Other manufacturing n.e.c.	-	-	-	-	-	-
<b>C</b>	<b>Manufacturing</b>	<b>2,750</b>	<b>6,440</b>	-	<b>38,387</b>	<b>226</b>	<b>43,184</b>
	<b>Total</b>	<b>2,750</b>	<b>6,440</b>	-	<b>38,395</b>	<b>226</b>	<b>43,192</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 36: Value of Fixed Assets at the End of the Year by Industrial Activity and Type**  
(ISIC R4),2012 (Tshs '000')

ISIC R4	Description	land	Building and other construction works	Transport and equipment	Machinery and other equipment	Other	Total Investment
081	Quarrying of stone, sand and clay	-	-	-	14	-	14
089	Mining and quarrying n.e.c.	32,486	14,544	3,340	29,165	-	51,275
<b>B</b>	<b>Mining and Quarrying</b>	<b>32,486</b>	<b>14,544</b>	<b>3,340</b>	<b>29,179</b>	<b>-</b>	<b>51,289</b>
104	Manufacture of vegetable and animal oils and fats	31,050	-	15,000	8,963	-	55,013
106	Manufacture of grain mill products, starches and starch products	54,847	211,160	51,578	276,451	4,843	605,719
107	Manufacture of other food products	180,385	1,000,086	67,533	281,397	2,984	1,243,825
139	Manufacture of other textiles	33,600	11,520	113	7,607	765	54,447
141	Manufacture of wearing apparel, except fur apparel	55,736	100,716	6,798	318,407	5,453	626,328
161	Sawmilling and planing of wood	288	44,352	6,000	76,983	2,975	130,600
181	Printing and service activities related to printing	3,500	-	33,788	12,920	122	50,330
202	Manufacture of other chemical products	21,288	30,299	12,350	217,793	49,700	330,626
239	Manufacture of non-metallic mineral products n.e.c.	865,286	282,051	660,000	1,026,963	5,404	2,849,948
241	Manufacture of basic iron and steel	-	67,219	-	81	-	67,300
243	Casting of metals	-	21,696	-	23,153	-	44,849
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	-	-	6,000	22,070	34	18,704
259	Manufacture of other fabricated metal products; metalworking service activities	73,357	149,416	1,338	219,081	757	384,644
301	Building of ships and boats	477,094	619,438	36,945	898,539	16,829	1,937,026
309	Manufacture of transport equipment n.e.c.	2,400	768	-	3,528	-	6,696
321	Manufacture of jewellery, bijouterie and related articles	5,739	14,400	36,210	52,004	540	102,772
329	Other manufacturing n.e.c.	-	-	188	1,411	15	1,714
<b>C</b>	<b>Manufacturing</b>	<b>1,804,571</b>	<b>2,553,122</b>	<b>933,840</b>	<b>3,447,349</b>	<b>90,420</b>	<b>8,510,541</b>
	<b>Total</b>	<b>1,837,057</b>	<b>2,567,666</b>	<b>937,179</b>	<b>3,476,528</b>	<b>90,420</b>	<b>8,561,830</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 37 : Change in Stock by Industrial Activity (ISIC R4),2012 (Tshs '000')**

ISIC R4	Description	Materials, Supplies and fuel	Work in Progress	Finished Product	Good Purchased for resale	Total
081	Quarrying of stone, sand and clay	(4)	-	40	-	36
089	Mining and quarrying n.e.c.	(113)	670	26,468	-	27,026
<b>B</b>	<b>Mining and Quarrying</b>	<b>(117)</b>	<b>670</b>	<b>26,508</b>	<b>-</b>	<b>27,062</b>
104	Manufacture of vegetable and animal oils and fats	9,116	-	4,060	2,850	16,026
106	Manufacture of grain mill products, starches and starch products	(875)	(28)	-	-	(903)
107	Manufacture of other food products	1,554	306	(1,000)	-	860
139	Manufacture of other textiles	1,685	147	(3,775)	-	(1,943)
141	Manufacture of wearing apparel, except fur apparel	(17,498)	1,024	1,569	(12,354)	(27,260)
161	Sawmilling and planing of wood	800	-	550	-	1,350
181	Printing and service activities related to printing	(500)	-	600	-	100
202	Manufacture of other chemical products	(2,072)	10	10,761	33	8,733
239	Manufacture of non-metallic mineral products n.e.c.	(365,250)	(22,130)	(126,838)	(132,118)	(646,336)
241	Manufacture of basic iron and steel	(12)	(5)	40	-	23
243	Casting of metals	(1,125)	(1,500)	(500)	-	(3,125)
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	50	(550)	3,700	-	3,200
259	Manufacture of other fabricated metal products; metalworking service activities	1,779	880	(3,404)	1,400	655
301	Building of ships and boats	(21,481)	11,287	64,727	56,970	111,503
309	Manufacture of transport equipment n.e.c.	(50)	50	600	-	600
321	Manufacture of jewellery, bijouterie and related articles	(108,145)	1,020	(78,710)	(59,068)	(244,903)
329	Other manufacturing n.e.c.	-	-	(175)	-	(175)
<b>C</b>	<b>Manufacturing</b>	<b>(502,024)</b>	<b>(9,490)</b>	<b>(127,794)</b>	<b>(142,287)</b>	<b>(781,595)</b>
	<b>Total</b>	<b>(502,141)</b>	<b>(8,820)</b>	<b>(101,286)</b>	<b>(142,287)</b>	<b>(754,534)</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar

**Tables 38: Major Challenges Facing Industries in Zanzibar, 2012**

<b>Challenges</b>	<b>No of Response rate</b>	<b>Percent of Response rate</b>
Insufficient demand	1,237	21.0
Shortage of raw materials	574	10.1
High taxes	392	6.9
Insufficient production capacity	373	6.5
Shortage of qualified labour	93	1.6
Lack of equipment	266	4.7
Transport problems	151	2.6
Insufficient production area	199	3.5
Inadequate supply of electricity	462	8.1
Economic environment	100	1.8
High cost of production	182	3.2
Financial problems	907	15.9
Foreign Currency	23	0.4
Inflation	133	2.3
Depreciation of currency	80	1.4
Illegal import	32	0.6
Inadequate water supply	11	0.2
Lack feasibility study	28	0.5
Others	468	8.2
<b>Total</b>	<b>5,711</b>	<b>100.0</b>

*Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.*

**Table 39: Utilization of Production Capacity by Activity in Percentage**

<b>ISIC R4</b>	<b>Description</b>	<b>Capacity Utilization</b>
0 81	Quarrying of stone, sand and clay	79
089	Mining and quarrying n.e.c.	44
104	Manufacture of vegetable and animal oils and fats	52
106	Manufacture of grain mill products, starches and starch products	57
107	Manufacture of other food products	60
139	Manufacture of other textiles	42
141	Manufacture of wearing apparel, except fur apparel	55
161	Sawmilling and planing of wood	67
181	Printing and service activities related to printing	46
202	Manufacture of other chemical products	41
239	Manufacture of non-metallic mineral products n.e.c.	60
241	Manufacture of basic iron and steel	37
243	Casting of metals	60
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	53
259	Manufacture of other fabricated metal products; metalworking service activities	57
301	Building of ships and boats	56
309	Manufacture of transport equipment n.e.c.	48
321	Manufacture of jewellery, bijouterie and related articles	53
329	Other manufacturing n.e.c.	53
	<b>Total</b>	<b>56</b>

*Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.*

**Table 40: Number of Establishments by Activity and Form Of Ownership (ISIC R4),2012**

ISIC R4	Description	Form of Ownership							Total
		Individual proprietorship	Partnership	Public	Cooperative	Private company	Private limited company	Other	
0810	Quarrying of stone, sand and clay	1	-	-	-	-	-	-	1
0893	Extraction of salt	15	-	-	14	-	-	-	29
<b>B</b>	<b>Mining and Quarrying</b>	<b>16</b>	<b>-</b>	<b>-</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30</b>
1040	Manufacture of vegetable and animal oils and fats	2	-	-	2	-	-	-	4
1061	Manufacture of grain mill products	51	2	2	18	-	-	1	74
1071	Manufacture of bakery products	97	-	-	1	-	1	-	99
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	4	-	-	-	-	-	-	4
1079	Manufacture of other food products n.e.c.	3	-	-	-	-	-	-	3
1392	Manufacture of made-up textile articles, except apparel	5	-	-	1	-	-	-	6
1393	Manufacture of carpets and rugs	-	-	-	1	-	-	-	1
1394	Manufacture of cordage, rope, twine and netting	4	1	-	-	-	-	-	5
1410	Manufacture of wearing apparel, except fur apparel	536	16	2	30	-	1	1	586
1520	Manufacture of footwear	8	-	-	-	-	-	-	8
1610	Sawmilling and planning of wood	7	-	1	3	-	-	-	11
1811	Printing	3	1	-	1	-	-	-	5
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	2	-	-	3	-	2	-	7
2394	Manufacture of cement, lime and plaster	1	-	-	-	-	-	-	1
2395	Manufacture of articles of concrete, cement and plaster	103	4	-	1	-	-	-	108
2396	Cutting, shaping and finishing of stone	17	-	-	-	-	-	-	17
2399	Manufacture of other non-metallic mineral products n.e.c.	1	-	-	-	-	-	-	1
2410	Manufacture of basic iron and steel	2	-	-	1	-	-	-	3
2431	Casting of iron and steel	4	-	-	-	-	-	-	4
2511	Manufacture of structural metal products	11	-	-	-	-	-	-	11
2593	Manufacture of cutlery, hand tools and general hardware	9	-	-	2	-	-	-	11
2599	Manufacture of other fabricated metal products n.e.c.	157	7	-	11	-	-	-	175
3099	Manufacture of other transport equipment n.e.c.	2	-	-	1	-	-	-	3
3100	Manufacture of furniture	668	14	-	64	1	-	2	749
3211	Manufacture of jewellery and related articles	2	-	-	-	-	-	-	2
3212	Manufacture of imitation jewellery and related articles	32	1	-	1	-	-	-	34
3290	Other manufacturing n.e.c.	4	-	-	-	-	-	-	4
<b>C</b>	<b>Manufacturing</b>	<b>1,735</b>	<b>46</b>	<b>5</b>	<b>141</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>1,936</b>
	<b>Total</b>	<b>1,751</b>	<b>46</b>	<b>5</b>	<b>155</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>1,966</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 41: Number of Establishments by Activity and Employment Size (ISIC R4), 2012**

ISIC R4	Description	Persons Engaged					Total
		1-2	3-4	5-6	7-8	9	
810	Quarrying of stone, sand and clay	1	-	-	-	-	1
893	Extraction of salt	-	4	9	10	6	29
<b>B</b>	<b>Mining and Quarrying</b>	<b>1</b>	<b>4</b>	<b>9</b>	<b>10</b>	<b>6</b>	<b>30</b>
1040	Manufacture of vegetable and animal oils and fats	-	1	2	1	-	4
1061	Manufacture of grain mill products	36	25	9	4	-	74
1071	Manufacture of bakery products	29	28	26	15	1	99
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	1	-	1	2	-	4
1079	Manufacture of other food products n.e.c.	1	1	1	-	-	3
1392	Manufacture of made-up textile articles, except apparel	2	4	-	-	-	6
1393	Manufacture of carpets and rugs	-	-	-	-	1	1
1394	Manufacture of cordage, rope, twine and netting	-	2	2	1	-	5
1410	Manufacture of wearing apparel, except fur apparel	429	121	20	12	4	586
1520	Manufacture of footwear	4	4	-	-	-	8
1610	Sawmilling and planing of wood	1	5	2	3	-	11
1811	Printing	2	1	1	1	-	5
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	1	-	2	3	1	7
2394	Manufacture of cement, lime and plaster	-	-	1	-	-	1
2395	Manufacture of articles of concrete, cement and plaster	9	27	40	27	5	108
2396	Cutting, shaping and finishing of stone	12	1	3	-	1	17
2399	Manufacture of other non-metallic mineral products n.e.c.	-	-	1	-	-	1
2410	Manufacture of basic iron and steel	-	2	-	-	1	3
2431	Casting of iron and steel	-	4	-	-	-	4
2511	Manufacture of structural metal products	3	5	1	2	-	11
2593	Manufacture of cutlery, hand tools and general hardware	1	9	1	-	-	11
2599	Manufacture of other fabricated metal products n.e.c.	54	73	33	15	-	175
3099	Manufacture of other transport equipment n.e.c.	2	-	1	-	-	3
3100	Manufacture of furniture	339	245	123	39	3	749
3211	Manufacture of jewellery and related articles	2	-	-	-	-	2
3212	Manufacture of imitation jewellery and related articles	22	9	3	-	-	34
3290	Other manufacturing n.e.c.	3	-	-	1	-	4
<b>C</b>	<b>Manufacturing</b>	<b>953</b>	<b>567</b>	<b>273</b>	<b>126</b>	<b>17</b>	<b>1,936</b>
	<b>Total</b>	<b>954</b>	<b>571</b>	<b>282</b>	<b>136</b>	<b>23</b>	<b>1,966</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table42: Production Account by Individual Establishment (ISIC R4), 2012**

ISIC R4	Description	Number of Establishment	Person Engaged	Gross Output	Intermediate Consumption	Value Added (Basic prices)	Compensation of Employees	Taxes on Production Less subsidies	Gross Operating Surplus
0810	Quarrying of stone, sand and clay	1	1	2,200	112	2,088	-	-	2,088
0893	Extraction of salt	29	192	202,693	43,273	159,420	25,079	466	133,875
<b>B</b>	<b>Mining and Quarrying</b>	<b>30</b>	<b>193</b>	<b>204,893</b>	<b>43,385</b>	<b>161,508</b>	<b>25,079</b>	<b>466</b>	<b>135,963</b>
1040	Manufacture of vegetable and animal oils and fats	4	22	123,640	57,095	66,545	15,600	210	50,735
1061	Manufacture of grain mill products	74	221	726,428	273,931	452,497	112,160	3,020	337,317
1071	Manufacture of bakery products	99	422	6,588,734	3,891,169	2,697,565	423,293	7,041	2,267,230
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	4	23	734,914	289,133	445,781	24,840	615	420,326
1079	Manufacture of other food products n.e.c.	3	10	78,414	35,079	43,335	10,020	210	33,105
1392	Manufacture of made-up textile articles, except apparel	6	16	122,887	39,834	83,053	6,270	275	76,508
1393	Manufacture of carpets and rugs	1	9	39,300	20,520	18,780	-	30	18,750
1394	Manufacture of cordage, rope, twine and netting	5	24	32,535	7,576	24,959	10,780	-	14,179
1410	Manufacture of wearing apparel, except fur apparel	586	1,250	4,928,460	1,244,442	3,684,017	916,468	27,899	2,739,650
1520	Manufacture of footwear	8	19	60,578	18,651	41,927	22,350	370	19,207
1610	Sawmilling and planning of wood	11	53	210,660	50,043	160,617	33,060	216	127,341
1811	Printing	5	20	353,976	107,266	246,710	12,220	595	233,895
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	7	44	227,427	24,983	202,443	22,146	980	179,317
2394	Manufacture of cement, lime and plaster	1	5	226,000	168,070	57,930	23,400	100	34,430
2395	Manufacture of articles of concrete, cement and plaster	108	578	15,045,281	7,004,226	8,041,055	709,937	11,434	7,319,684
2396	Cutting, shaping and finishing of stone	17	43	481,200	192,445	288,755	98,800	810	189,145
2399	Manufacture of other non-metallic mineral products n.e.c.	1	5	9,750	2,940	6,810	7,200	-	(390,000)
2410	Manufacture of basic iron and steel	3	15	19,773	5,182	14,591	425	-	14,167
2431	Casting of iron and steel	4	14	208,652	142,299	66,353	16,200	335	49,818
2511	Manufacture of structural metal products	11	41	2,358,135	268,179	2,089,956	25,584	1,960	2,062,412
2593	Manufacture of cutlery, hand tools and general hardware	11	37	166,107	44,583	121,524	18,520	60	102,944
2599	Manufacture of other fabricated metal products n.e.c.	175	636	6,364,021	2,218,366	4,145,655	666,834	10,118	3,468,703
3099	Manufacture of other transport equipment n.e.c.	3	7	37,100	20,912	16,188	-	70	16,118
3100	Manufacture of furniture	749	2,342	33,737,668	16,876,767	16,860,901	1,717,234	29,929	15,113,738
3211	Manufacture of jewellery and related articles	2	4	3,745	1,625	2,120	-	130	1,990
3212	Manufacture of imitation jewellery and related articles	34	82	1,619,584	1,297,163	322,421	121,920	3,654	196,847
3290	Other manufacturing n.e.c.	4	12	26,305	10,696	15,610	60	210	15,340
<b>C</b>	<b>Manufacturing</b>	<b>1,936</b>	<b>5,954</b>	<b>74,531,273</b>	<b>34,313,176</b>	<b>40,218,098</b>	<b>5,015,321</b>	<b>100,271</b>	<b>35,102,506</b>
	<b>Total</b>	<b>1,966</b>	<b>6,147</b>	<b>74,736,166</b>	<b>34,356,561</b>	<b>40,379,606</b>	<b>5,040,400</b>	<b>100,737</b>	<b>35,238,469</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 43: Production Account by Individual Establishment (ISIC R4), 2012 (Tshs '000')**

Region	Number of Establishment	Person Engaged	Gross Output	Intermediate Consumption	Value Added (Basic prices)	Compensation of Employees	Taxes on Production Less subsidies	Gross Operating Surplus
Kaskazini Unguja	181	575	3,798,706	1,751,816	2,046,889	479,231	4,720	1,562,938
Kusini Unguja	84	267	2,403,455	1,310,973	1,092,482	275,464	4,923	812,096
Mjini Magharibi	1,061	3,171	58,531,518	27,343,241	31,188,278	3,520,479	78,535	27,589,264
Kaskazini Pemba	314	1,105	4,262,202	1,564,829	2,697,373	420,967	4,389	2,272,017
Kusini Pemba	326	1,029	5,740,285	2,385,702	3,354,583	344,259	8,170	3,002,154
<b>Total</b>	<b>1,966</b>	<b>6,147</b>	<b>74,736,166</b>	<b>34,356,561</b>	<b>40,379,606</b>	<b>5,040,400</b>	<b>100,737</b>	<b>35,238,469</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

Table 44: Principal Indicators by Industrial Activity (ISIC R4), 2012

(Tshs'000')

ISIC R4	Description	Number of Establishment	Gross Output per Establishment	Gross Output per Workers	Value Added as a percent of GO	Value Added per Establishment	Value Added per Workers	Compensation of employee	
								Per employee per month	As a percent of VA
0810	Quarrying of stone, sand and clay	1	2,200	2,200	95	2,088	2,088	-	-
0893	Extraction of salt	29	6,989	1,056	79	5,497	830	17	16
<b>B</b>	<b>Mining and Quarrying</b>	<b>30</b>	<b>6,989</b>	<b>1,056</b>	<b>79</b>	<b>5,497</b>	<b>2,918</b>	<b>17</b>	<b>16</b>
1040	Manufacture of vegetable and animal oils and fats	4	30,910	5,620	54	16,636	3,025	68	23
1061	Manufacture of grain mill products	74	9,817	3,287	62	6,115	2,047	72	25
1071	Manufacture of bakery products	99	66,553	15,613	41	27,248	6,392	106	16
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	4	183,729	31,953	61	111,445	19,382	109	6
1079	Manufacture of other food products n.e.c.	3	26,138	7,841	55	14,445	4,334	93	23
1392	Manufacture of made-up textile articles, except apparel	6	20,481	7,680	68	13,842	5,191	58	8
1393	Manufacture of carpets and rugs	1	39,300	4,367	48	18,780	2,087	-	-
1394	Manufacture of cordage, rope, twine and netting	5	6,507	1,356	77	4,992	1,040	56	43
1410	Manufacture of wearing apparel, except fur apparel	594	8,399	3,931	75	6,273	2,936	123	25
1610	Sawmilling and planning of wood	11	19,151	3,975	76	14,602	3,031	86	21
1811	Printing	5	70,795	17,699	70	49,342	12,336	85	5
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	7	32,490	5,169	89	28,920	4,601	92	11
2394	Manufacture of cement, lime and plaster	1	226,000	45,200	26	57,930	11,586	488	40
2395	Manufacture of articles of concrete, cement and plaster	108	139,308	26,030	53	74,454	13,912	114	9
2396	Cutting, shaping and finishing of stone	17	28,306	11,191	60	16,986	6,715	274	34
2399	Manufacture of other non-metallic mineral products n.e.c.	1	9,750	1,950	70	6,810	1,362	-	106
2410	Manufacture of basic iron and steel	3	6,591	1,318	74	4,864	973	9	3
2431	Casting of iron and steel	4	52,163	14,904	32	16,588	4,740	123	24
2511	Manufacture of structural metal products	11	214,376	57,515	89	189,996	50,975	79	1
2593	Manufacture of cutlery, hand tools and general hardware	11	15,101	4,489	73	11,048	3,284	119	15
2599	Manufacture of other fabricated metal products n.e.c.	175	36,366	10,006	65	23,689	6,518	125	16
3012	Building of pleasure and sporting boats	749	45,044	14,405	50	22,511	7,199	103	10
3099	Manufacture of other transport equipment n.e.c.	3	12,367	5,300	44	5,396	2,313	-	-
3211	Manufacture of jewellery and related articles	2	1,873	936	57	1,060	530	-	-
3212	Manufacture of imitation jewellery and related articles	34	47,635	19,751	20	9,483	3,932	212	38
3290	Other manufacturing n.e.c.	4	6,576	2,192	59	3,902	1,301	-	-
<b>C</b>	<b>Manufacturing</b>	<b>1,936</b>	<b>38,498</b>	<b>12,518</b>	<b>54</b>	<b>20,774</b>	<b>6,755</b>	<b>112</b>	<b>12</b>
	<b>Total</b>	<b>1,966</b>	<b>1,364,913</b>	<b>326,935</b>	<b>1,719</b>	<b>764,943</b>	<b>184,658</b>	<b>2,611</b>	<b>518</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Table 45: Principal Indicators by Industrial Activity (ISIC R4), 2012 (Tshs '000')**

ISIC R4	Description	Number of Establishment		Total person engaged		Total person employed		Gross Output		Value Added (Basic prices)		Compensation of Employees	
		Number	Number	Percent	Number	Value	Percent	Value	Percent	Value	Percent		
0810	Quarrying of stone, sand and clay	1	1	-	-	2,200	-	2,088	-	-	-		
0893	Extraction of salt	29	192	1	122	202,693	1	159,420	1	25,079	1		
<b>B</b>	<b>Mining and Quarrying</b>	<b>30</b>	<b>193</b>	<b>1</b>	<b>122</b>	<b>204,893</b>	<b>1</b>	<b>161,508</b>	<b>1</b>	<b>25,079</b>	<b>1</b>		
1040	Manufacture of vegetable and animal oils and fats	4	22	-	19	123,640	-	66,545	-	15,600	-		
1061	Manufacture of grain mill products	74	221	4	130	726,428	4	452,497	4	112,160	4		
1071	Manufacture of bakery products	99	422	5	334	6,588,734	5	2,697,565	5	423,293	5		
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	4	23	-	19	734,914	-	445,781	-	24,840	-		
1079	Manufacture of other food products n.e.c.	3	10	-	9	78,414	-	43,335	-	10,020	-		
1392	Manufacture of made-up textile articles, except apparel	6	16	-	9	122,887	-	83,053	-	6,270	-		
1393	Manufacture of carpets and rugs	1	9	-	-	39,300	-	18,780	-	-	-		
1394	Manufacture of cordage, rope, twine and netting	5	24	-	16	32,535	-	24,959	-	10,780	-		
1410	Manufacture of wearing apparel, except fur apparel	594	1269	30	635	4,989,038	30	3,725,944	30	938,818	30		
1610	Sawmilling and planning of wood	11	53	1	32	210,660	1	160,617	1	33,060	1		
1811	Printing	5	20	-	12	353,976	-	246,710	-	12,220	-		
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	7	44	-	20	227,427	-	202,443	-	22,146	-		
2394	Manufacture of cement, lime and plaster	1	5	-	4	226,000	-	57,930	-	23,400	-		
2395	Manufacture of articles of concrete, cement and plaster	108	578	5	519	15,045,281	5	8,041,055	5	709,937	5		
2396	Cutting, shaping and finishing of stone	17	43	1	30	481,200	1	288,755	1	98,800	1		
2399	Manufacture of other non-metallic mineral products n.e.c.	1	5	-	-	9,750	-	6,810	-	7,200	-		
2410	Manufacture of basic iron and steel	3	15	-	4	19,773	-	14,591	-	425	-		
2431	Casting of iron and steel	4	14	-	11	208,652	-	66,353	-	16,200	-		
2511	Manufacture of structural metal products	11	41	1	27	2,358,135	1	2,089,956	1	25,584	1		
2593	Manufacture of cutlery, hand tools and general hardware	11	37	1	13	166,107	1	121,524	1	18,520	1		
2599	Manufacture of other fabricated metal products n.e.c.	175	636	9	444	6,364,021	9	4,145,655	9	666,834	9		
3012	Building of pleasure and sporting boats	749	2342	38	1386	33,737,668	38	16,860,901	38	1,717,234	38		
3099	Manufacture of other transport equipment n.e.c.	3	7	-	2	37,100	-	16,188	-	-	-		
3211	Manufacture of jewellery and related articles	2	4	-	2	3,745	-	2,120	-	-	-		
3212	Manufacture of imitation jewellery and related articles	34	82	2	48	1,619,584	2	322,421	2	121,920	2		
3290	Other manufacturing n.e.c.	4	12	-	-	26,305	-	15,610	-	60	-		
<b>C</b>	<b>Manufacturing</b>	<b>1,936</b>	<b>5,954</b>	<b>99</b>	<b>3,725</b>	<b>74,531,273</b>	<b>99</b>	<b>40,218,098</b>	<b>99</b>	<b>5,015,321</b>	<b>99</b>		
	<b>Total</b>	<b>1,966</b>	<b>6,147</b>	<b>100</b>	<b>3,847</b>	<b>74,736,166</b>	<b>100</b>	<b>40,379,606</b>	<b>100</b>	<b>5,040,400</b>	<b>100</b>		

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

Table 46 :Detailed Intermediate Consumption by Industrial Activity (ISIC R4), 2012

(Tshs '000')

ISIC R4	Description	Imported	Local	Electricity, water & fuel	Industrial Services Consumed	Non Industrial Services Consumed	Change in Stock	Total Intermediate
0810	Quarrying of stone, sand and clay	-	8	-	-	100	(4,000)	112
0893	Extraction of salt	-	10,920	13,455	11,700	7,085	(112,500)	43,273
<b>B</b>	<b>Mining and Quarrying</b>	-	<b>10,928</b>	<b>13,455</b>	<b>11,700</b>	<b>7,185</b>	<b>(116,500)</b>	<b>43,385</b>
1040	Manufacture of vegetable and animal oils and fats	-	49,672	13,999	800	1,740	9,116	57,095
1061	Manufacture of grain mill products	3,530	32,634	217,885	11,373	7,635	(875,000)	273,931
1071	Manufacture of bakery products	110,021	3,410,588	280,395	17,324	74,210	1,369	3,891,169
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	-	283,616	5,187	20	215	(95,000)	289,133
1079	Manufacture of other food products n.e.c.	-	26,539	6,920	100	1,800	280	35,079
1392	Manufacture of made-up textile articles, except apparel	-	34,606	443	2,270	2,320	(195,000)	39,834
1393	Manufacture of carpets and rugs	-	20,480	780	40	440	1,220	20,520
1394	Manufacture of cordage, rope, twine and netting	-	7,056	720	90	370	660	7,576
1410	Manufacture of wearing apparel, except fur apparel	504	814,060	163,925	19,956	227,078	(18,918,350)	1,244,442
1520	Manufacture of footwear	-	14,709	698	2,010	2,654	1,420	18,651
1610	Sawmilling and planing of wood	-	26,500	18,301	1,870	4,172	800	50,043
1811	Printing	-	99,603	2,942	350	3,870	(500,000)	107,266
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	-	15,081	4,210	200	3,422	(2,071,579)	24,983
2394	Manufacture of cement, lime and plaster	-	153,270	1,800	-	3,000	(10,000,000)	168,070
2395	Manufacture of articles of concrete, cement and plaster	38,700	6,133,471	417,724	15,220	44,061	(355,050,400)	7,004,226
2396	Cutting, shaping and finishing of stone	-	136,065	51,250	1,050	3,780	(300,000)	192,445
2399	Manufacture of other non-metallic mineral products n.e.c.	-	2,859	-	-	181	100	2,940
2410	Manufacture of basic iron and steel	-	4,350	780	-	40	(12,000)	5,182
2431	Casting of iron and steel	-	136,248	1,785	300	2,841	(1,125,000)	142,299
2511	Manufacture of structural metal products	4,000	244,261	4,968	10	14,990	50	268,179
2593	Manufacture of cutlery, hand tools and general hardware	81	34,902	8,825	-	780	5	44,583
2599	Manufacture of other fabricated metal products n.e.c.	12,670	2,009,976	120,084	9,050	68,359	1,774	2,218,366
3099	Manufacture of other transport equipment n.e.c.	-	20,850	-	-	12	(50,000)	20,912
3100	Manufacture of furniture	44,070	16,197,323	186,435	106,296	321,162	(21,480,500)	16,876,767
3211	Manufacture of jewellery and related articles	-	713	602	-	510	200	1,625
3212	Manufacture of imitation jewellery and related articles	57,500	938,266	169,874	1,170	22,008	(108,345,000)	1,297,163
3290	Other manufacturing n.e.c.	5,000	5,443	188	25	40	-	10,696
<b>C</b>	<b>Manufacturing</b>	<b>276,076</b>	<b>30,853,140</b>	<b>1,680,722</b>	<b>189,524</b>	<b>811,690</b>	<b>(502,024,329)</b>	<b>34,313,176</b>
	<b>Total</b>	<b>276,076</b>	<b>30,864,068</b>	<b>1,694,177</b>	<b>201,224</b>	<b>818,875</b>	<b>(502,140,829)</b>	<b>34,356,561</b>

Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

Table47: Components of Gross Output by Industrial Activity (ISIC R4), 2012

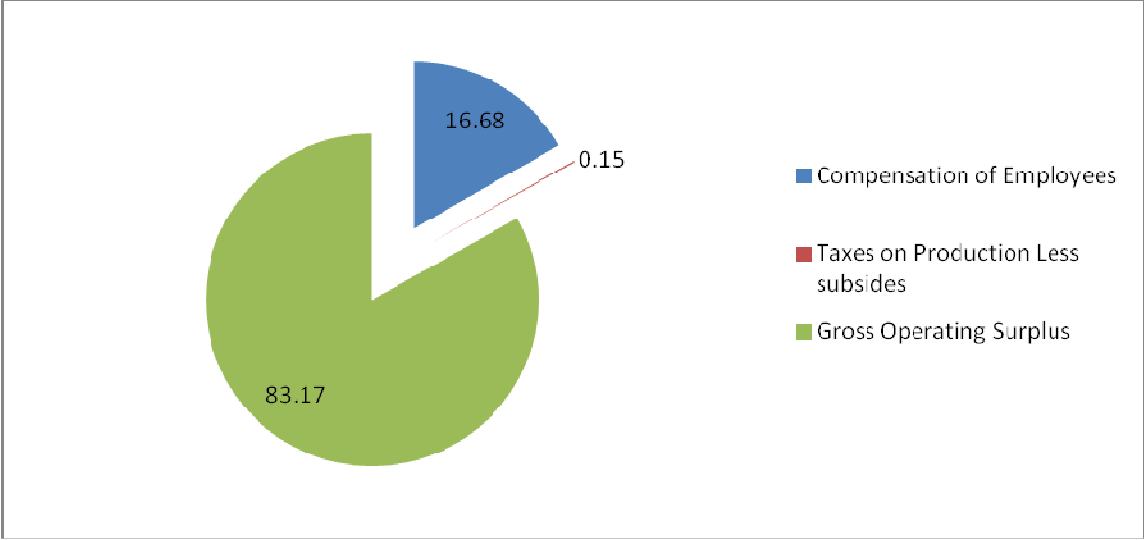
(Tshs'000')

ISIC R4	Description	Exports	Local market	Change in Stock	Industrial Services	Non-industrial services consumed	Other	Cost of goods sold as purchased	Total Gross
0810	Quarrying of stone, sand and clay	2,160	-	40	-	-	-	-	2,200
0893	Extraction of salt	170,560	4,200	27,138	-	45	750	-	202,693
<b>B</b>	<b>Mining and Quarrying</b>	<b>172,720</b>	<b>4,200</b>	<b>27,178</b>	<b>-</b>	<b>45</b>	<b>750</b>	<b>-</b>	<b>204,893</b>
1040	Manufacture of vegetable and animal oils and fats	116,730	-	6,910	-	-	-	-	123,640
1061	Manufacture of grain mill products	706,886	14,400	(28,000)	3,670	-	1,500	-	726,428
1071	Manufacture of bakery products	6,620,294	-	(620,000)	1,060	-	22,000	-	6,588,734
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	734,940	-	(26,000)	-	-	-	-	734,914
1079	Manufacture of other food products n.e.c.	41,094	37,368	(48,000)	-	-	-	-	78,414
1392	Manufacture of made-up textile articles, except apparel	121,290	-	(603,000)	1,000	-	1,200	-	122,887
1393	Manufacture of carpets and rugs	43,300	-	(4,000,000)	-	-	-	-	39,300
1394	Manufacture of cordage, rope, twine and netting	31,560	-	975	-	-	-	-	32,535
1410	Manufacture of wearing apparel, except fur apparel	4,851,649	39,967	(10,389,500)	49,137	19,696	6,540	8,116	4,928,460
1520	Manufacture of footwear	59,950	-	628	-	300	-	300	60,578
1610	Sawmilling and planning of wood	188,330	18,000	550	480	3,300	-	-	210,660
1811	Printing	352,826	-	600	750	-	-	200	353,976
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	55,749	-	10,804	-	3,967	160,906	4,000	227,427
2394	Manufacture of cement, lime and plaster	415,000	-	(189,000,000)	-	-	-	-	226,000
2395	Manufacture of articles of concrete, cement and plaster	15,169,526	-	(90,365,450)	-	31,220	-	23,000	15,045,281
2396	Cutting, shaping and finishing of stone	534,310	-	530	-	360	-	-	481,200
2399	Manufacture of other non-metallic mineral products n.e.c.	11,950	-	(2,250,000)	50	-	-	-	9,750
2410	Manufacture of basic iron and steel	19,738	-	35	-	-	-	-	19,773
2431	Casting of iron and steel	210,652	-	(2,000,000)	-	-	-	-	208,652
2511	Manufacture of structural metal products	2,252,675	102,000	3,150	-	3,000	310	3,000	2,358,135
2593	Manufacture of cutlery, hand tools and general hardware	166,536	-	(429,000)	-	-	-	-	166,107
2599	Manufacture of other fabricated metal products n.e.c.	6,344,859	29,696	(694,805)	59,605	300	626	-	6,364,021
3099	Manufacture of other transport equipment n.e.c.	36,450	-	650	-	-	-	-	37,100
3100	Manufacture of furniture	33,522,591	159,645	132,984	226,025	141,723	5,670	153,018	33,737,668
3211	Manufacture of jewellery and related articles	3,845	-	(100,000)	-	-	-	-	3,745
3212	Manufacture of imitation jewellery and related articles	1,725,632	-	(136,658,000)	-	37,640	-	7,030	1,619,584
3290	Other manufacturing n.e.c.	11,080	15,400	(175,000)	-	-	-	-	26,305
<b>C</b>	<b>Manufacturing</b>	<b>74,349,442</b>	<b>416,476</b>	<b>(279,570,764)</b>	<b>341,777</b>	<b>241,506</b>	<b>198,752</b>	<b>198,664</b>	<b>74,531,273</b>
	<b>Total</b>	<b>74,522,162</b>	<b>420,676</b>	<b>(252,392,764)</b>	<b>341,777</b>	<b>241,551</b>	<b>199,502</b>	<b>198,664</b>	<b>74,736,166</b>

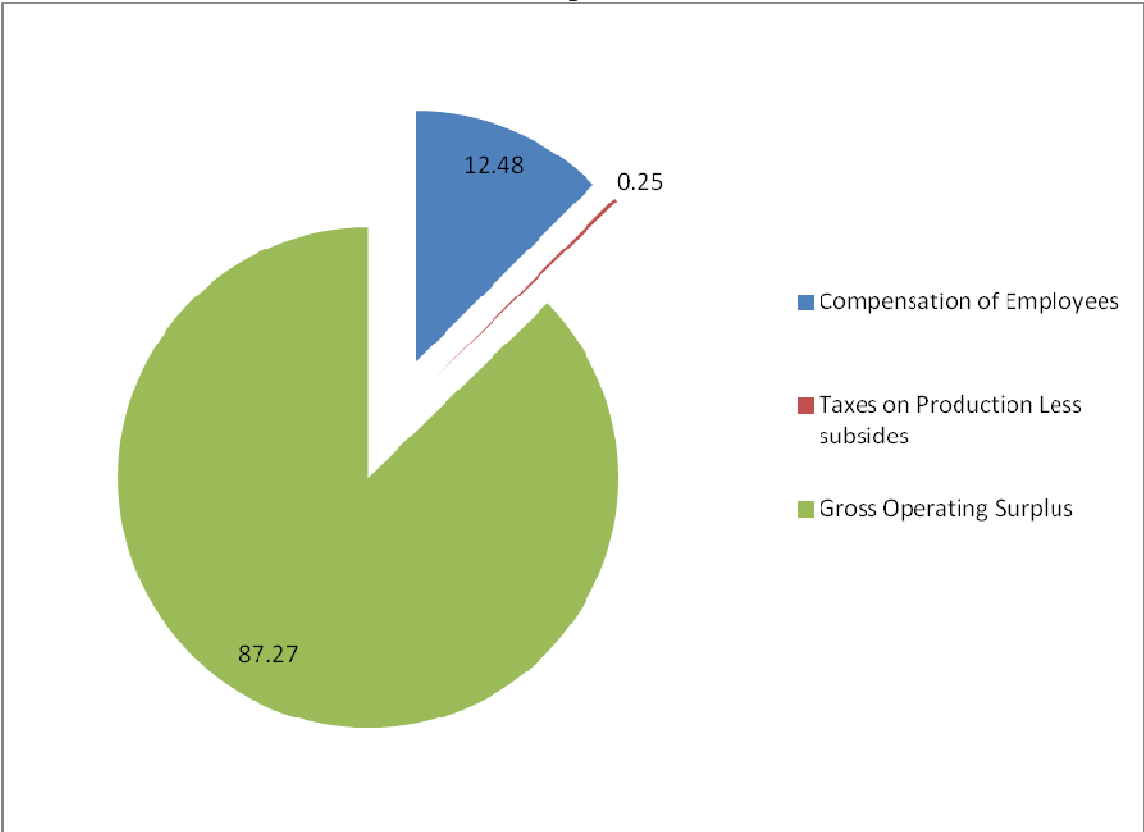
Source: 2012 Census of Industrial Production; Office of Chief Government Statistician Zanzibar.

**Part Three**  
**Figures and Maps**

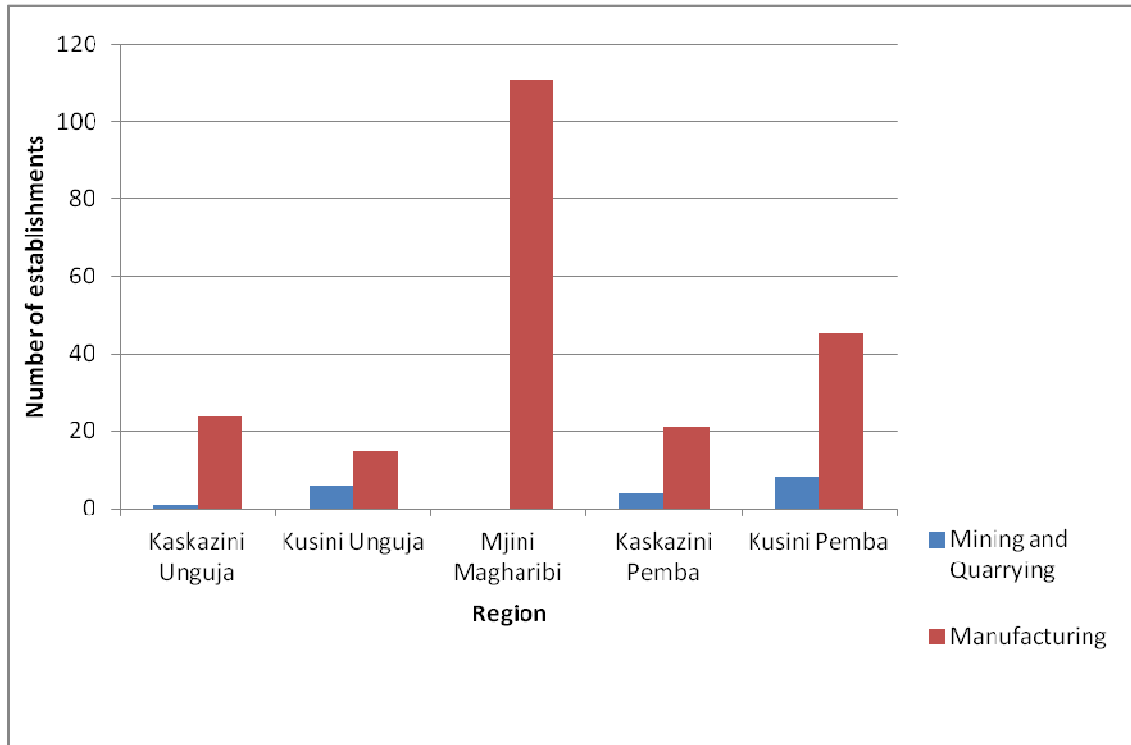
**Figure 1: Components of Value Added in Percentage for Establishments that Engaged 10 Person or More**



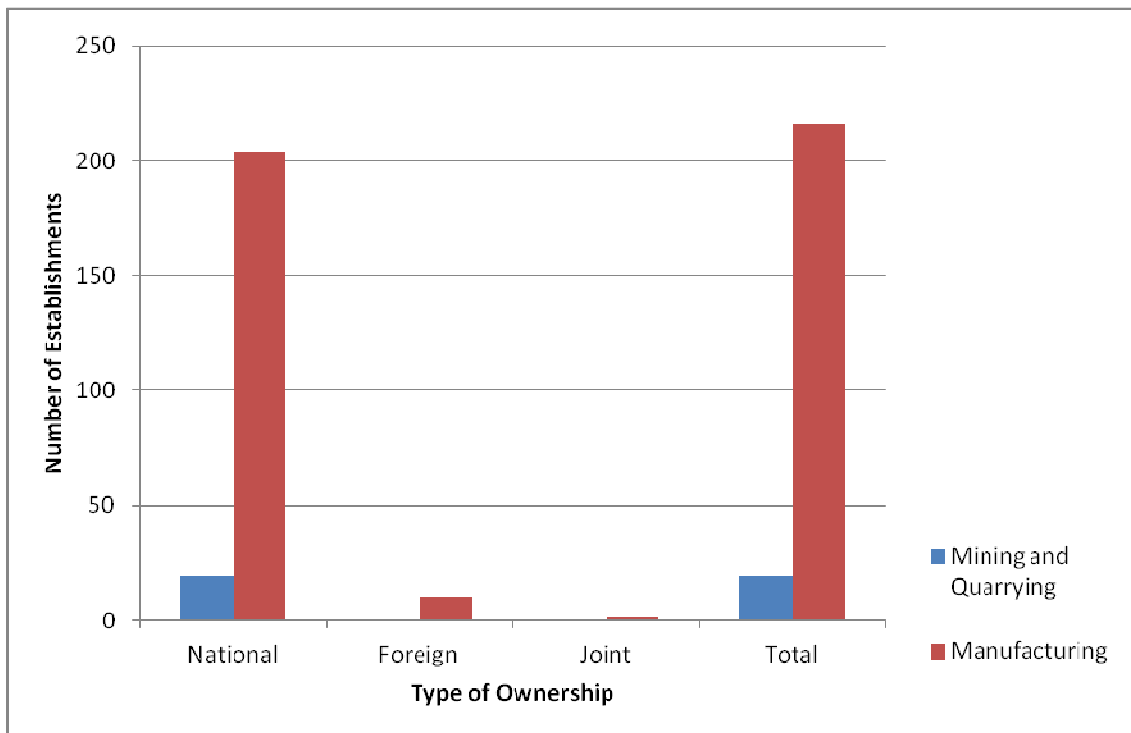
**Figure 2: Components of Value added in percentage for Establishments that engaged less than 10 persons**



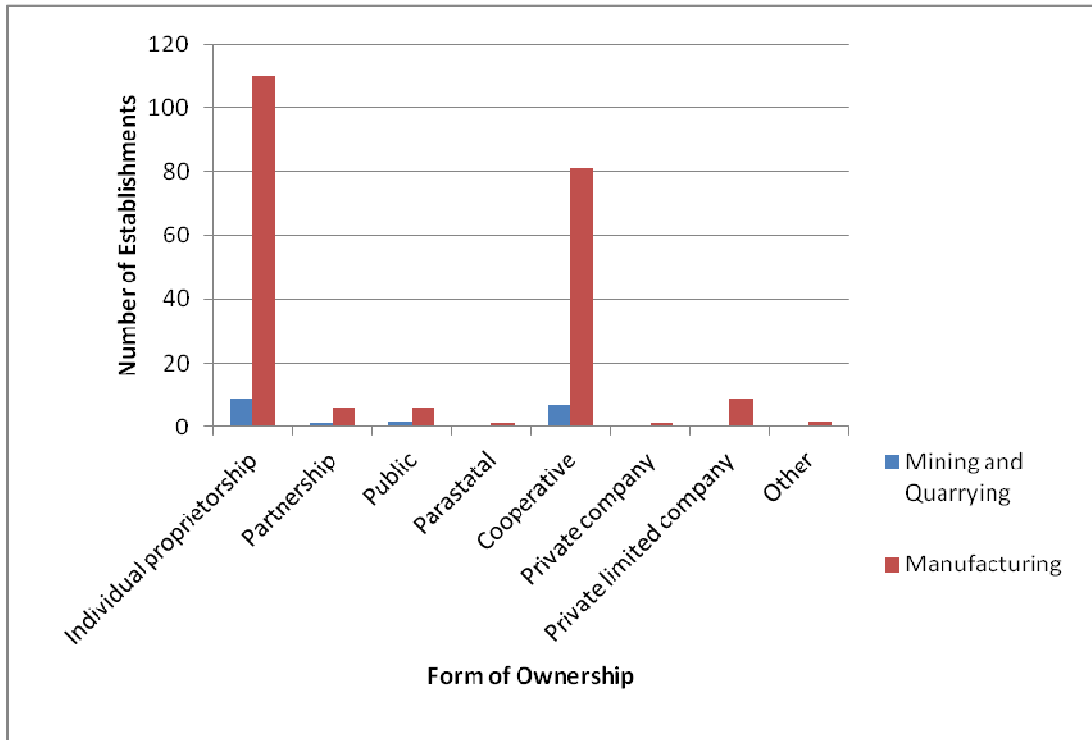
**Figure 1: Number of Establishment by activity and region (ISIC R4), 2012**



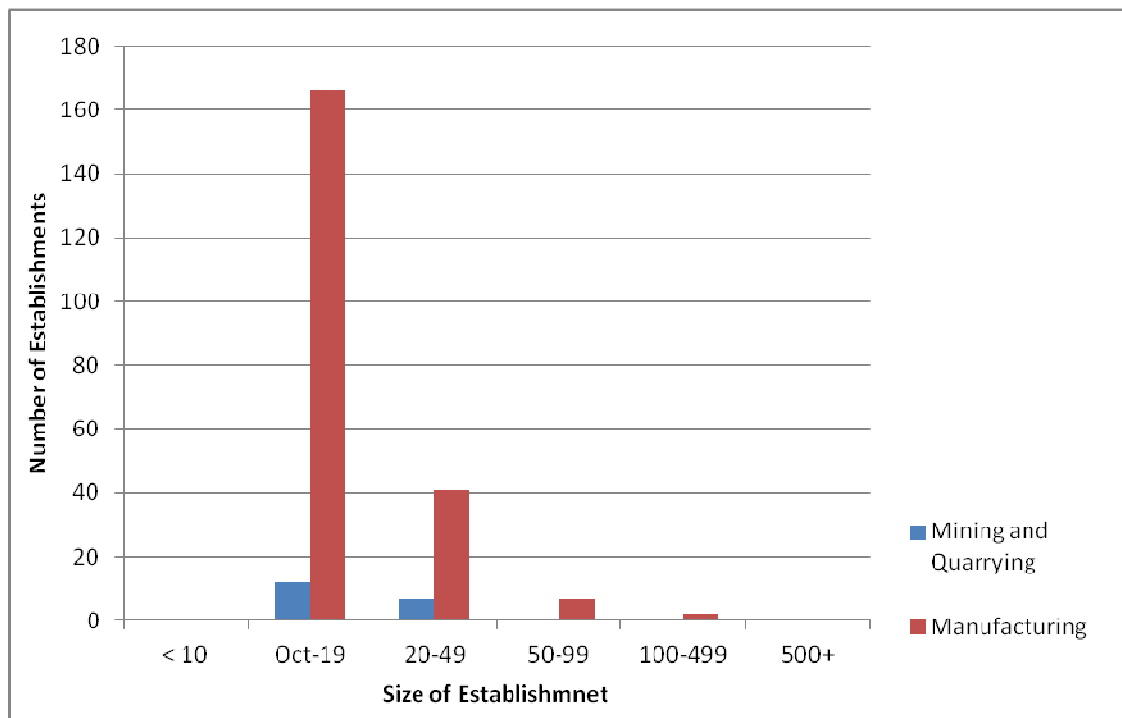
**Figure 2: Number of Establishment by activity and origin of ownership (ISIC R4), 2012**



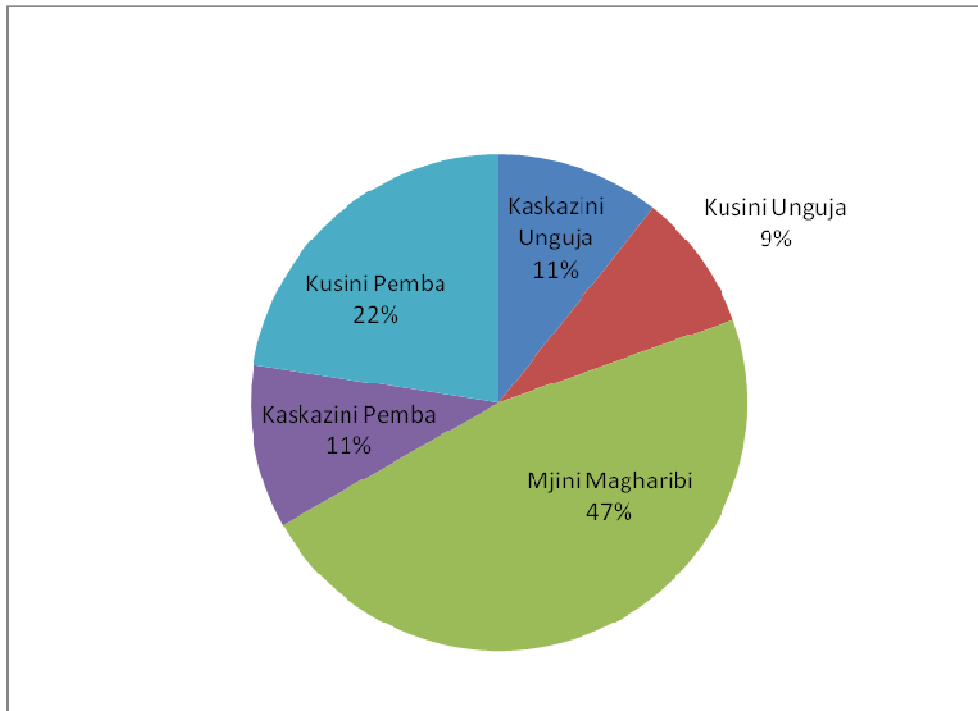
**Figure 3: Number of Establishment by activity and form of ownership (ISIC R4), 2012**



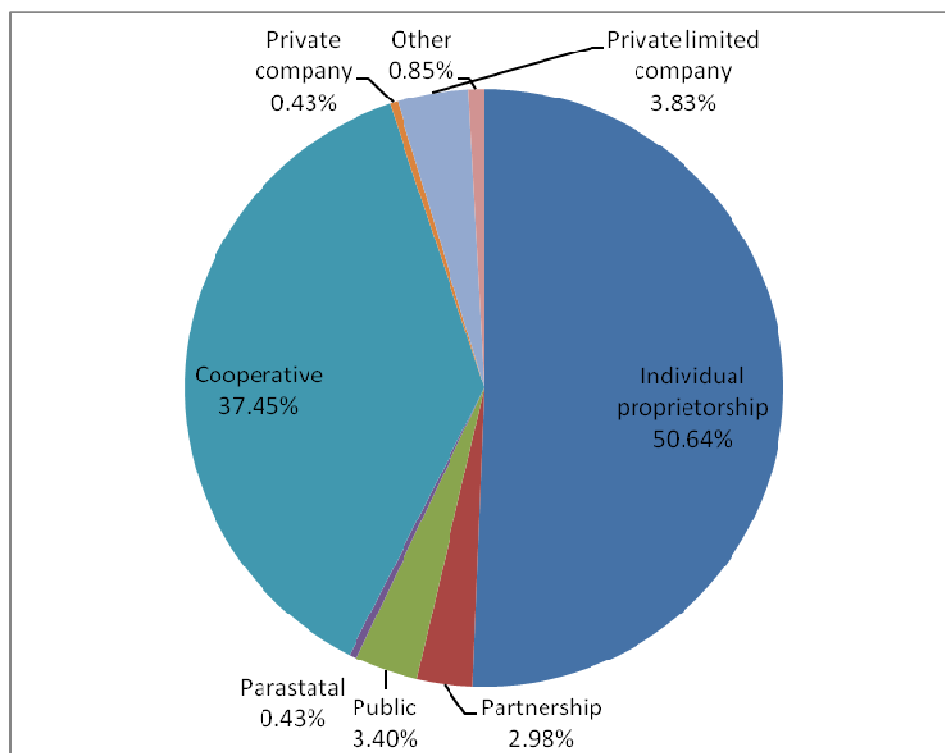
**Figure 4: Number of Establishment by activity and size of establishment (ISIC R4), 2012**



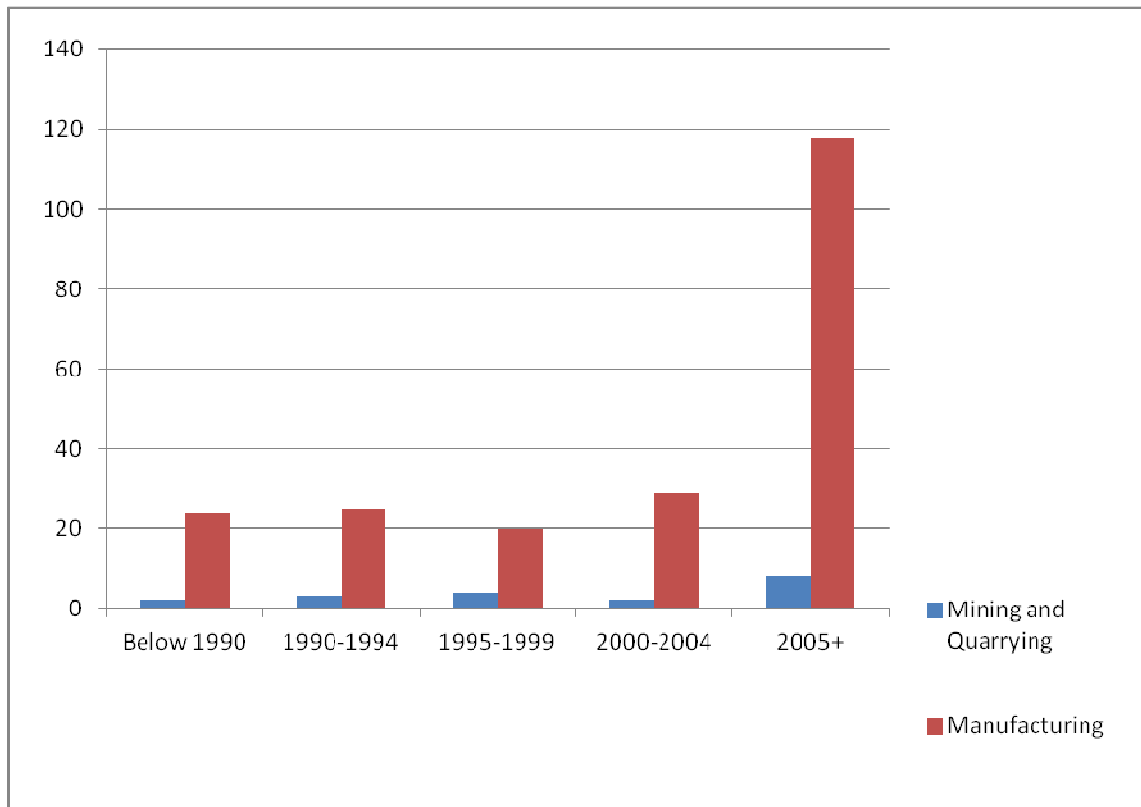
**Figure 5: Percentage distribution of establishments by region (ISIC R4), 2012**



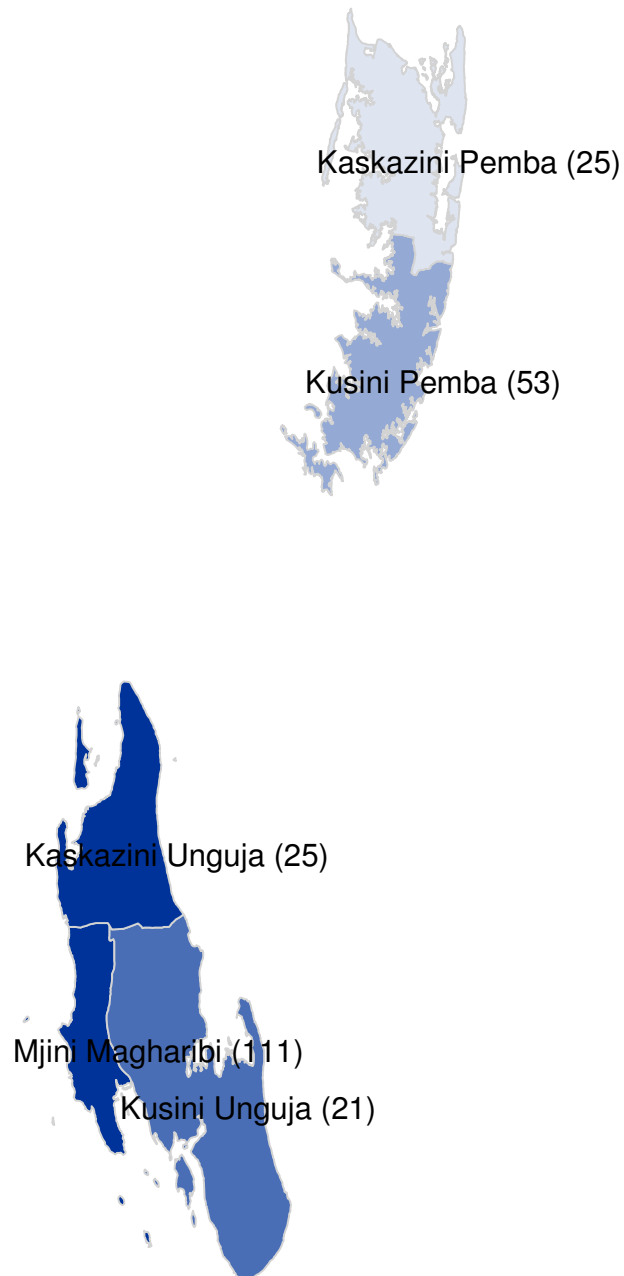
**Figure 6: Percentage distribution of establishments by form of ownership (ISIC R4), 2012**



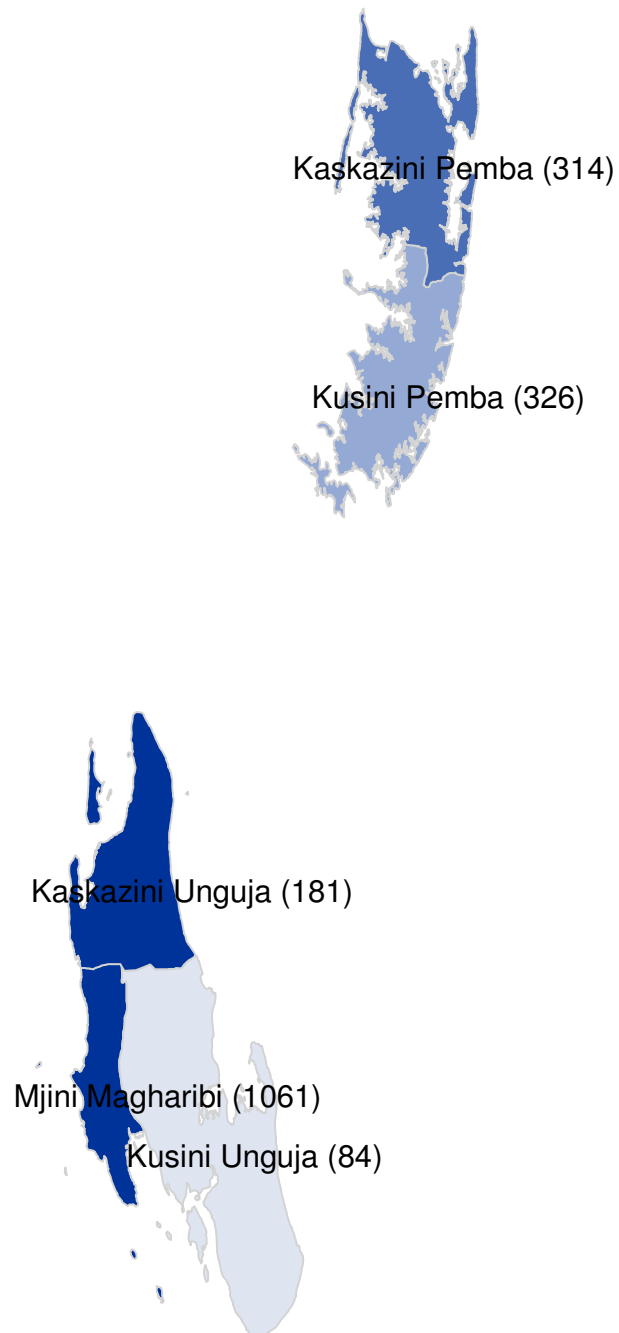
**Figure 7: Number of establishments by activity and year started operation (ISIC R4), 2012**



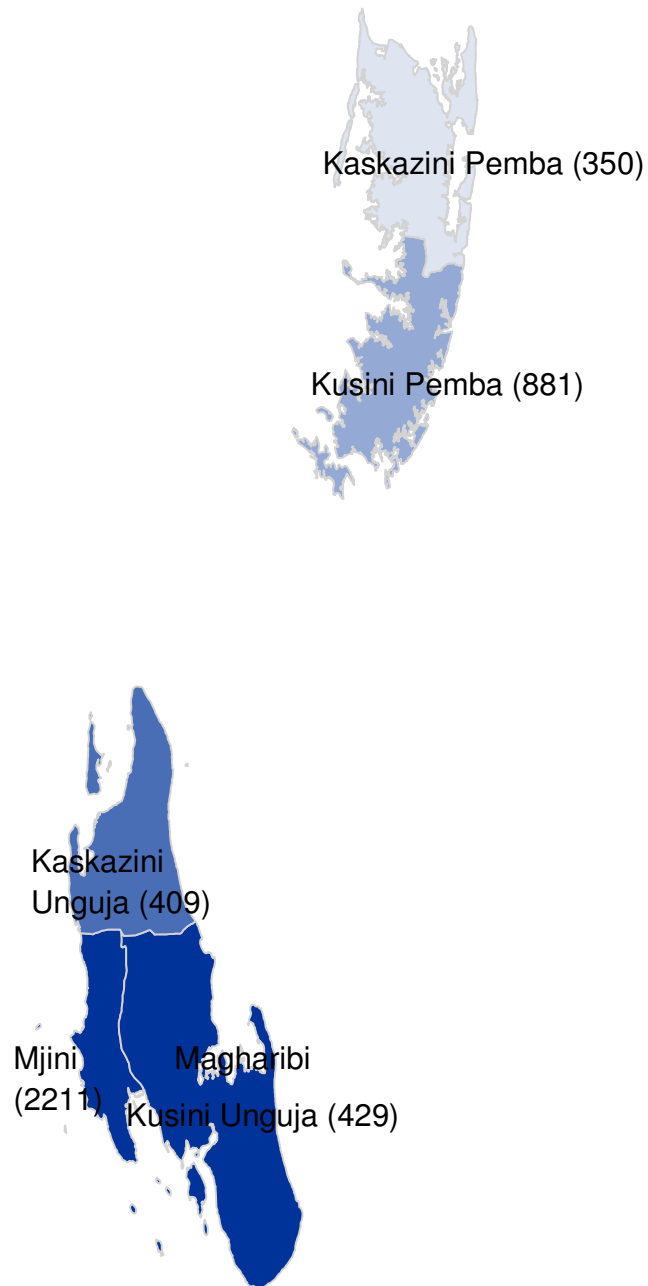
**Map 1: Number of Establishments by Region (ISIC R4), 2012 Large Industrial Establishment**



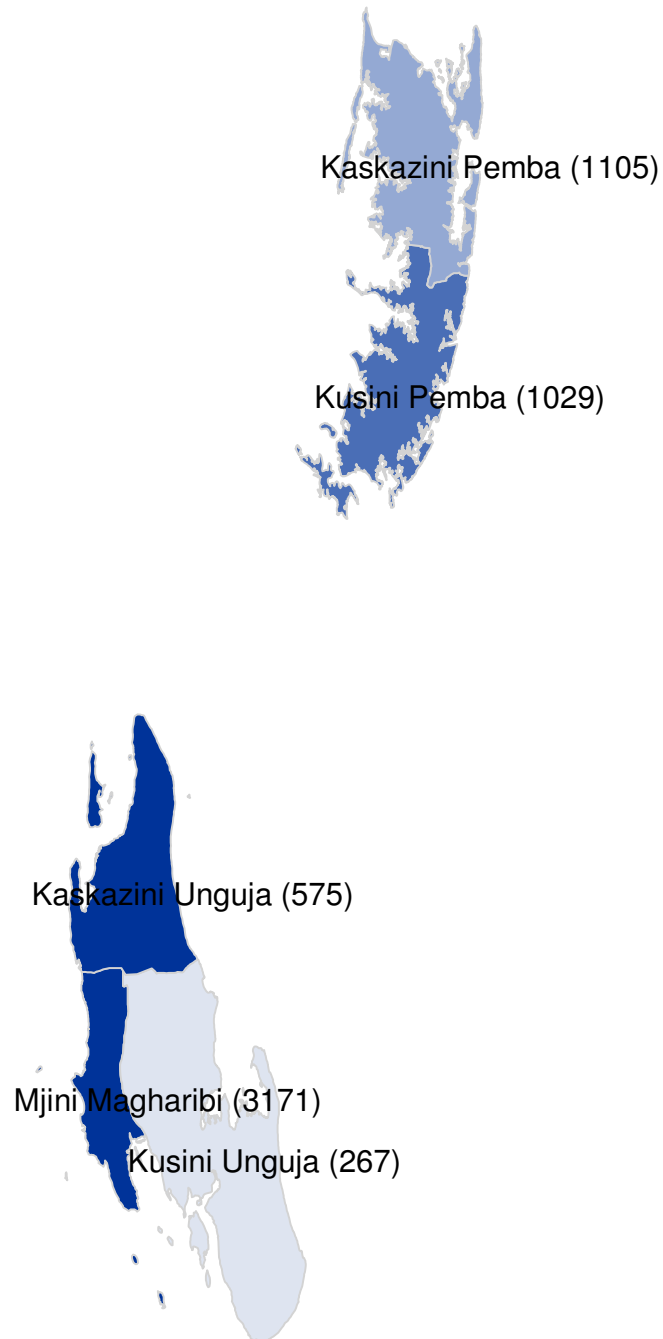
**Map 2: Number of Establishments by Region (ISIC R4), 2012 Small Industrial Establishment**



**Map 3: Number of Person Engaged by Region, 2012 Large Industrial Establishment**



**Map 4: Number of Person Engaged by Region, 2012 Small Industrial Establishment**



## CHAPTER FIVE

### Recommendation and way Forward

#### The government:

The 2012 Census of Industrial Production, shows that majority of the industries are small in size hence fail to compete in the Regional market and International market. There exist unexploited manufacturing sector opportunities especially on food and food stuff processing, carpentry and tailoring. The recommended areas are supported with availability of raw material and skills.

OCGS need to have the support of various Industries and other association before the launching of the census should be emphasized.

This may be facilitated through publicity workshops so as to sensitize the industrial entrepreneurs on the importance of statistical data for planning policy decision making etc.

The Government is encouraged to support and protect new Industries with modern production technologies.

- Improve manufacturing industries production capacity
- Promote and support expansion of products manufacturing processes.
- Encourage utilization of female workers in the industrial sector.

Support implementation of industrial sector specific policies to enhance optimal use of industrial services at minimum cost.

Though SME policy has emphasized both the promotion of export oriented industries as well as the small scale industries at the same time supporting industries that are ancillary to the basic industries, this have not been implemented so Government need to implement this.

## **ANNEXES**

## **Annex 1: Questionnaire**

CONFIDENTIAL

SERIAL NO.  
[ ] [ ] [ ] [ ]

REGION  
[ ] [ ]

**ZANZIBAR REVOLUTIONARY GOVERNMENT**  
**Office of the Chief Government Statistician**



(P. O Box 2321, Zanzibar)

Fax: (024) 2231742

Telephone 2231869

Email: zanstat@zanlink.com

To,  
The Manager,  
.....  
.....  
.....

**CENSUS OF INDUSTRIAL PRODUCTION , 2012**

Dear Sir,

Under the Statistics Act, No. 9, 2007 you are required to complete this form and return it to the Office of the Government Statistician together with a copy of your balance sheet. In accordance with the Act, all information supplied in this return shall be treated as CONFIDENTIAL. Completion and return of this questionnaire within 14 days is compulsory. The information will be used for statistical purposes only and will not be communicated to any fiscal or other organisations. The figures should be taken from the accounts of the enterprise for the accounting year covering 2012. If precise figures are not available, please give best estimates you can.

Thanking you in anticipation

Yours faithfully,

.....  
GOVERNMENT STATISTICIAN

Date: .....

**PART I**

**1. Description of establishment**

\_\_\_\_\_

**1.1 Name of establishment:**

\_\_\_\_\_

**1.2 Mailing address:**

\_\_\_\_\_

**1.3 Physical location of establishment:**

Town/Village:..... Street/Ward:.....

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Region: ..... District:.....

--	--

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**1.4 Tel:.....1.5 Telex:..... 1.6 Fax No :..... 1.7 E-mail:**

**1.8 Name of contact person:.....**

**Designation:.....**

**Tel:.....**

**1.9 Period to which data in this questionnaire refer to: from :..... to: .....**

**1.10 Activity of establishment:**

Principle activity:

.....

**ISIC  
R4**

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Other  
activity:

.....

**ISICR4**

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**1.11 Main products manufactured:.....**

**1.12 Origin of ownership:(please circle)**

National 1

Foreign 2

Joint 3

**1.13 Type of legal organization: (please circle)**

Individual proprietorship 1 Cooperative 5

Partnership 2 Private company 6

Public 3 Private limited company 7

Parastatal 4 Other, specify.....

8

**1.14 Source of finance: (more than one answer allowed)**

- 1 Personal and relatives
- 2 Loans from banks and other credit institutions
- 3 Government
- 4 Other, specify.....

**1.15 Tenure of building occupied (Please circle)**

- Owned .....1
- Rented .....2
- Other,  
specify .....3

**1.16 Number of vehicles owned by establishment and other transport equipment.....**

**1.17 Approximate floor area of premises (sq. meters)**

**1.18 Year started operation.....**

**1.19 Utilization of production capacity (%)... ..**

## PART II

### 2. EMPLOYMENT

#### 2.1 Number of persons engaged

Employment as at	Resident		Non-resident		Total	
	Male	Female	Male	Female	Male	Female
30 June 2012	*	*	*	*	*	*
31 December 2012	*	*	*	*	*	*

#### 2.2 Number of persons engaged as at 31 December 2012 by category

Category	Resident		Non-resident		Total	
	Male	Female	Male	Female	Male	Female
2.21 Working proprietors and partners	*	*	*	*	*	*
2.22 Unpaid workers	*	*	*	*	*	*
2.23 Employees: (a) Managerial and professional staff	*	*	*	*	*	*
2.24 (b) Operatives - skilled	*	*	*	*	*	*
2.25 (c) Operatives - non skilled	*	*	*	*	*	*
2.26 (d) Other	*	*	*	*	*	*
<b>Total</b>	*	*	*	*	*	*

### 3. LABOUR COSTS DURING REFERENCE PERIOD

Description	Amount paid (T Shs.)
3.01 Gross wages and salaries (including bonus and	

gratuities)	
3.02 Overtime payments	
3.03 Reimbursement of travel expenses	
3.04 Payments in kind, e.g., food, drinks, fuel	
3.05 Employer's contribution to ZSSF	
3.06 Training expenses	
3.07 Other labour costs, please specify	
<b>Total</b>	*

#### 4. PURCHASES MADE DURING REFERENCE PERIOD 2012 (please exclude VAT)

##### 4.1 Electricity, water and fuels consumed

Description	Unit	Quantity	Value (T. Sh)
4.11 Electricity	KWH		*
4.12 Water	M <sup>3</sup>		*
4.13 Gas			*
4.14 Fuel for machines and vehicles			*
4.15 Wood, charcoal and peat			*
4.16 Other fuels, please specify			*
<b>Total</b>			*

##### 4.2 Goods purchased

**4.21 Cost of goods sold as purchased (T. Shs.)****4.22 Materials and supplies purchased**

Description	Unit	Imported		Local	
		Quantity	Value	Quantity	
Other including stationery and spare parts					
<b>Total</b>			*		*

**4.3 Services consumed****4.31 Industrial services**

Description	Amount (T. S)
4.311 Contract and commission paid for work done on your materials	
4.312 Cost of repairs and maintenance work	
<b>Total</b>	*

**4.32 Non-industrial services**

Description	Amount (T. S)
4.321 Postage and other communication costs	
4.322 Rental of building, machinery, plant and equipment	
4.323 Storage and hire of transport	
4.324 Publicity and bank charges	
4.325 Consultancy fees (legal, fiscal, accountancy, etc.)	
4.326 Other, please specify	
<b>Total</b>	*

#### 4.4 Other expenses

Description	Amount (T.s S
4.41 Interests and dividends paid excluding bank charges	
4.42 Insurance paid	
4.43 Income tax	
4.44 Net value-added tax paid	
4.45 Other taxes on production, e.g., rates, licenses, road tax	
4.46 Other, please specify _____	
<b>Total</b>	*

#### 5. OUTPUT (please exclude VAT and excise duties)

##### 5.1 Sales from own production

Value in T. Shs.

Description	Unit	Exported		Locally so	
		Quantity	Value	Quantity	
Other					
<b>Total</b>			*		*

##### 5.2 Receipts from services rendered

###### 5.21 Industrial services

Description	Amount (T. S
5.211 Receipts from contract work done for others on their materials	
5.212 Receipts from repair and installation work done for others	
5.213 Other, please specify	
<b>Total</b>	*

###### 5.22 Non-industrial services

Description	Amount (T. S)
5.221 Rent received	
5.222 Receipts from transport services rendered to others	
5.223 Value of products sold in the same condition as purchased	
5.224 Receipts from warehousing services	
5.225 Other, please specify	
<b>Total</b>	*

**5.23 Other receipts**

Description	Amount (T.S)
5.231 Interests and dividends received	
5.232 Insurance premiums received	
5.233 Subsidies received	
5.234 Other, please specify	
<b>Total</b>	*

**6 VALUE OF STOCKS**

Description	Value in T.Shs.	
	Opening balance	Closing balance
6.1 Materials, supplies and fuels (raw materials, chemicals, etc.)	*	*

6.2 Work in progress (semi-finished products)		
6.3 Finished products	*	*
6.4 Goods purchased for resale		
<b>Total</b>	*	*

## 7 VALUE OF FIXED ASSETS

Type	Value in				
	Value at beginning	Additions	Sales	Depreciation during period	
7.1 Land					
7.2 Buildings and other construction works					
7.3 Transport equipment					
7.4 Machinery and other equipment					
7.5 Other					
<b>Total</b>	*	*	*	*	*

## 8. PROBLEMS ENCOUNTERED DURING REFERENCE PERIOD -2012

(multiple answers are allowed)

Insufficient demand	1	Economic environment
Shortage of raw materials	2	High cost of production
High taxes	3	Financial problems/foreign currency
Insufficient production capacity	4	Inflation/Depreciation of Currency
Shortage of qualified labour	5	Illegal imports
Lack of equipment	6	Inadequate supply of electricity
Transport problems	7	Inadequate supply of water
		Marketing problems
		Other, specify

**Declaration:**

I hereby certify that the information supplied is correct and complete to the best of my knowledge

Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Name of person to be contacted in case of queries : \_\_\_\_\_

Telephone No.: \_\_\_\_\_ Enterprise official stamp (if any): \_\_\_\_\_

**SUPERVISOR  
ENUMERATOR**

\_\_\_\_\_  
\_\_\_\_\_



## FOR OFFICIAL USE ONLY

MAIN STATISTICS - FOR EDITING PURPOSES		Value in 000's Shs
<b>A. NO. OF EMPLOYEES (Total)</b>	(Total 2.2 - Total 2.21 - Total 2.22)	[ ]
<b>B. GROSS OUTPUT (G.O)</b>		[ ]
Value of goods produced	(Total 5.1 + 5.233 ) + 6.2 (Clos. - Open.) + 6.3 (Clos. - Open.)	[ ]
Receipts from services rendered		[ ]
<i>Industrial services</i>	(5.21)	[ ]
<i>Non-industrial services</i>	(5.22 - 4.21 + 6.4(Clos. - Open.))	[ ]
<b>C. INTERMEDIATE CONSUMPTION</b>		[ ]
Electricity, water and fuels consumed	(Total 4.1)	[ ]
Raw materials and supplies consumed	(Total 4.22 + 3.06 +3.07 - 6.1(Closing - Opening))	[ ]
Services consumed		[ ]
<i>Industrial services</i>	(Total 4.31)	[ ]
<i>Non-industrial services</i>	(Total 4.32)	[ ]
<b>D. VALUE ADDED (V.A)</b>	(B - C)	[ ]
<i>base check V.A/G.O (%)</i>	$D*100/B$	[ ]
<b>E. COMPENSATION OF EMPLOYEES (C.E)</b>	(3-3.06-3.07)	[ ]
<i>base check (a) C.E/V.A (%)</i>	$E*100/D$	[ ]
<i>(b) C.E per employee per month</i>	$E/A*12$	[ ]
<b>F. OTHER TAXES ON PRODUCTION</b>	4.45	[ ]
<b>G. SUBSIDIES</b>	5.233	[ ]
<b>H. GROSS OPERATING SURPLUS</b>	(D - E - F)	[ ]

## Annex II: Formulae for Derived Statistical Variables

### OFFICE OF THE GOVERNMENT STATISTICIAN, ZANZIBAR CENSUS OF INDUSTRIAL PRODUCTION, 2012

#### FORMULAE FOR DERIVED STATISTICAL VARIABLES

Ser.	No Calculated field	Formula
(i)	Gross output	Total 5.1 - 4.21 + 5.21 + 5.22 + 5.233 + Change in stock (6.2 to 6.4)
(ii)	Intermediate Consumption	Total 4.1 + Total 4.22 + 4.31 + 4.32 + 3.06 + 3.07 - Change in stock (6.1)
(iii)	Exp. on non-ind services	4.32
(iv)	Rec. from non-ind services	5.22 - 4.21 + Change in stock (6.4)
(v)	Compensation of employees	Total 3 - 3.06 - 3.07
(vi)	Taxes on production	4.45
(vii)	Subsidies	5.233
(viii)	Value added (b.p)	(i) - (ii)
(ix)	Gross operating surplus	(viii) - (v) - (vi)

**NOTE: Change in stock = Closing stock - Opening stock**

### **Annex III: References:**

1. Office of Chief Government Statistician Zanzibar;2012 *Central Register of Establishment–*  
2013
2. International Standard Industrial Classification of all Economic Activities Rev, 4
3. UNIDO Industrial Statistics Guidelines and Methodology Vienna – 2010
4. Bank of Tanzania; Zanzibar Branch Manufacturing Sector performance Zanzibar 2003 –  
2007 – case study – 2009.
5. The Zanzibar Small and Medium Enterprises (SMES) DEVELOPMENT POLICY.
6. Zanzibar Investment Policy (ZIP).