



REVOLUTIONARY GOVERNMENT OF ZANZIBAR



OFFICE OF THE CHIEF GOVERNMENT STATISTICIAN

ANNUAL SURVEY OF INDUSTRIAL PRODUCTION 2016



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PREFACE

Office of the Chief Government Statistician (OCGS) is mandated to collect routine statistical information, conduct surveys and censuses to provide relevant, reliable and timely official statistics needed to support evidence – based policy formulation and to monitor development outcomes.

Annual Survey of Industrial Production (ASIP) for Zanzibar is conducted since the establishment of the Zanzibar Statistics Office. This statistical publication provides the information derived from 2016 ASIP. The statistics collected are based on the standards, definitions and classification in accordance with the international principles and guidelines, the International Standards of Industrial Classification of all economic activities (ISIC). Data are presented by regions, size of establishment and ownership. ASIP not only facilitates suitable data collection based on appropriate sampling techniques but also ensures timely dissemination of statistical information to assess and evaluates the dynamics in composition, growth and structure of industrial sector. This survey covered the establishments operated in 2016 and engaged in Manufacturing, Mining and Quarrying sectors.

The main objective of the survey is to collect and establish data that would serve for future monitoring and evaluation of implementation of adopted industrial policies, programs and strategies. The survey aimed at providing information on the economic characteristics of industrial sector. Policy makers and the private sector may use this information for planning, policy formulation/review as well as monitoring and evaluation of government programs intended at improving the sector.

This 2016 annual publication is the product of OCGS which was produced in collaboration with Ministry of Trade, Industries and Marketing and other line ministries. I extend my sincere gratitude to all whom in one way or another participated in the preparation of this publication. Special thanks should go to the staff of the Industrial Statistical Unit for their dedication during the entire period of the survey.

OCGS appreciate the continued cooperation of the owners of the establishments for availing the requested data in time to produce this publication. Special thanks go to the Revolutionary Government of Zanzibar for the materials and financial support for undertaking this survey.

I sincerely hope the information provided in this publication will be of great use to the Government and all the stakeholders in the country.



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Foremost, the Office wishes to express its gratitude to owners of the establishments for participating in this enormous exercise by providing the requested information and for the invaluable time they spent.

Our sincere appreciation also goes to our key stakeholders who participated in the consultative meetings convened to guide the design of the survey instruments. Further, we wish to express our gratitude to field personnel involved in data collection, survey execution team and field research team who supervised and coordinated the whole exercise.

The commandment goes to Head of the Office of Chief Government Statistician Pemba, Mr. Haroub A. Masoud, Director for Department of Economic Statistics, Mr. Abdul R. Abeid and the manager of production statistics, Ms. Nour A. Masoud for their guidance and encouragement throughout the entire process.

The office pays special recognition of the Survey technical team who spearheaded the compilation of this basic report. The team comprised of Survey Coordinator Mr. Maulid Saleh Kombo, Survey Desk Officer Ms. Aisha Ali Haji, IT personnel Mr. Abdullah Othman Makame and the survey editor Ms. Halima Mkanga Suleiman who worked tirelessly to produce this report.

Finally, we hope that these results will provide the much sought out information to the ministry responsible for industrial development, industrial community, other stakeholders as well as researchers and policy makers.

ACRONYMS AND ABBREVIATIONS

ASIP	Annual Survey of Industrial Production
BP	Basic Price
CPC	Central Product Classification
GDP	Gross Domestic Product
GFCF	Gross Fixed Capital Formation
GO	Gross Output
GOS	Gross Operating Surplus
ISIC	International Standard of Industrial Classification
IT	Information Technology
n.e.c	not elsewhere classified
OCGS	Office of the Chief Government Statistician
SMEs	Small and Medium Enterprises
SNA	System of National Accounts
SSF	Social Security Fund
TZS	Tanzania Shillings
VA	Value Added
()	In the table means negative number
‘000’	Thousands

CONCEPTS AND DEFINITIONS USED IN QUESTIONNAIRE

Concepts and definitions used in this report are in accordance with the recommendations of the 1993 System of National Account (SNA) as adopted by the United Nations Statistical Commission on its 27th session 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 of production which could provide the information required by the Survey. With the exception of the following cases, the reporting unit and the establishments are used interchangeable:

- 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 of the Central Product Classification (CPC) were post coded (entered directly into questionnaires after all questionnaires were received at the office). A team of staff was recruited and assigned the activity of the post coding. 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 nondurable 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 comprises 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) **Cooperatives:** are profits 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 employer's 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.
- xxxi) **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.

xxxiv) **Gross additions to fixed assets:** This is the expenditure on fixed assets (additions) less total disposals of fixed assets.

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

xxxvi) **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.

xxxvii) **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.

xxxviii) **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

xxxix) **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

The summary in this section is only for the analysis of all establishments covered in 2016 Annual Survey of Industrial Production (2016 ASIP).

A total of 893 establishments were interviewed of which 195 had 10 or more persons engaged and 698 had less than 10 persons engaged. The highest concentration of these establishments was in Mjini Magharibi with 362 establishments equivalent to 40.5 percent followed by Kusini Pemba with 227 (25.4 percent), Kaskazini Unguja with 119 (13.2 percent), Kaskazini Pemba with 114 (12.8 percent) while Kusini Unguja had 72 (8.1 percent).

A total of 883 establishments (98.9 percent) with 7,090 workers (96.8 percent) were wholly owned by nationals, while 6 establishments (0.7 percent) with 170 workers (2.3 percent) were wholly foreign owned and four (4) establishments (0.4 percent) with 64 workers (0.9 percent) were under joint venture ownership.

Out of 893 establishments, 195 (22 percent) 10 or more persons engaged. Majority of the establishments 861 (96 percent) were in manufacturing Sector while 32 (4 percent) were in mining and quarrying Sector.

Total number of persons engaged was 7,324 of whom 6,851 (94 percent) were in manufacturing and 473 (6 percent) were in mining and quarrying Sector. Mjini Magharibi region engaged the largest number of workers (2,905 persons) equivalent to 40 percent.

Total number of persons employed was 5,114 of whom 4,056 (79.3 percent) were male and 1,058 (20.7 percent) were female. Manufacturing sector employed 4,754 (93 percent) while mining sector employed 360 (7 percent) workers.

The amount paid by industrial establishments as compensation of employees was TZS 20,038 million while the total gross output or total value of goods and services produced was TZS 133,025 million—and total cost of production (Intermediate Consumption) was TZS 71,653 million.

The total value added was TZS 61,372 million of which manufacturing had the largest contribution of TZS 60,459 million (98.5 percent).

Average capacity utilization rate was 60 percent. The value added as a percentage of gross output was 46 percent.

The response rate was 97 percent whereby 893 questionnaires were returned out of 924 questionnaires distributed.

CHAPTER ONE

Introduction

1.1 Background

This report shows the performance of industrial sector based on 2016 Annual Survey of Industrial Production (ASIP) that was undertaken by the Office of the Chief Government Statistician (OCGS). The 2016 Survey of Industrial Production covered industries that operated in the calendar year 2016. The statistical methods and procedures used in the Survey followed the international recommendations and shall be applied in the future to similar statistical operations. The Survey 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 undertaking the survey as well as the results obtained thereof. The statistics reflect the contribution of the industrial sector of the economy. The frame of the Survey was taken from 2016 Central Register of Establishment (CRE).

The 2016 Survey of Industrial Production (ASIP) for Zanzibar has been conducted since the establishment of the Zanzibar Statistical Office. The last annual industrial survey was conducted in 2010. The 2016 Survey of industrial production was funded by the Revolutionary Government of Zanzibar (RGOZ).

1.2 Legal Authority

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

1.3 General Objective

The general objective of the survey is to provide 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. Specific Objectives

- i. To assess the status of the industrial sector performance in the country in 2016.
- 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 base at the level of industrial establishments
- vi. To serve as a bench mark information for future survey.

CHAPTER TWO

Methodology

2.1 Introduction

This chapter describes and discusses the schedules of activities undertaken in conducting the 2016 Survey of Industrial Production. Broadly it covers organization of the survey methods and techniques, data collection, processing and organization of the report.

2.2 Reference Period

The twelve months from January to December of 2016 calendar year was used as a reference period. Establishments that could not supply data according to calendar year 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 product or service, these being similar in nature or commodity associated in the production.

Moreover in order to ensure confidentiality of information at individual establishment level, data have been classified in main industrial groups 14, 19 and 23 of ISIC Rev.4.

2.4 Unit of Inquiry

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

2.5 Scope and Coverage of the Survey

The Survey covered all industrial establishments with five or more workers operated in 2016 and a sample of 10 percent of size 1-4 establishments. The survey covered about 893 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” (Section C), “electric power generation transmission and distribution” (Section D) and “water collection, treatment and supply” (Section E). However, the 2016 ASIP covered Sections B and C only; this was due to the fact that sections D and E have monopoly nature of ownership. These two major activities are government owned with single entity of operation.

According to international recommendation manufacturing 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. Mining and Quarrying include the extraction of minerals occur naturally as solids, liquids or gases. Extraction can be achieved by different methods such as underground or surface mining, well operations, seabed mining etc. As far as Zanzibar is concerned, this sector comprises of stone quarrying and extraction of salt 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. The following was the information collected through the questionnaire.

- 2.6.1. **General information:** Name, address, telephone, principal activity and type of ownership etc.
- 2.6.2. **Employment:** 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 and value of principal products manufactured, sales and services rendered to, other forms of 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 period.
- 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.
- 2.6.8. **Depreciation:** represents the estimated allowance for wear and tear of fixed assets during the respective accounting period

2.7 Response Rate

The response rate was calculated based on all questionnaires completed and returned, but excluded the establishments that could not be located or closed. A total of 924 questionnaires which were distributed a total of 893 questionnaires (97 percent) were collected.

2.8 Data Collection

Data collection exercise was undertaken by a well trained team of 18 enumerators and three (3) supervisors.

Field work started in September 2017 for Unguja and November 2017 for Pemba. It was completed by the end of February 2018. The field staffs were recruited from OCGS and the line ministries. They visited the establishments and worked closely with the respondents and assisted them filling in the questionnaires. Respondents were asked to provide the data from their accounting records in 2016.

2.9 Data Processing

Enumerators and some respondents returned completed questionnaire to OCGS, Zanzibar. Questionnaires were then edited and post coded accordingly.

The CSPro.16 Software was used for data entry system, after which the data were transferred to Microsoft Excel for cleaning and SPSS for generating 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 or more workers. The report present the main findings relating to quantitative information collected through the survey.

2.11 Limitations of the Presented Statistics

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

- i. The Survey was conducted according to the International Recommendation for industrial statistics. The tendency among establishments is to hide information relating mainly to outputs and to over- report on inputs due to the belief that information supplied would be used by Revenue Authorities for tax purposes. The regular conduct of such Survey would help in dissipating this fear and at the same time, improve the quality and reliability of the supplied information.
- ii. Record keeping was also 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) Separately consumption estimates for electricity water and fuels
- c) Value of stock and value of fixed assets by type
- d) Missing data on level of stocks and assets. These had to be estimated.
- e) A number of establishments are in formally operating and therefore do not have books 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.
- h) Some establishments were found to have closed their businesses, moved to other places, reported erroneously number of employees, or even changed the main activity of the establishment

The above limitations however have no serious effect on the overall quality and reliability of the survey results. Statistics presented in this report reflect the current status and structure of small, medium and large establishment in Zanzibar Industrial Sector. The Government, business community and other users can make 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 2016 Annual Survey of Industrial Production (ASIP) assesses the performance in operation of industrial establishments including Capacity Utilization, Level of material used in production, employments, estimates of the contribution of Manufacturing and Quarrying industries in overall GDP. Some information from individual establishments' level has been grouped together by more than one group. The analysis considered the confidentiality aspect as required by section 20 of the Statistics Act No 9 of the year 2007.

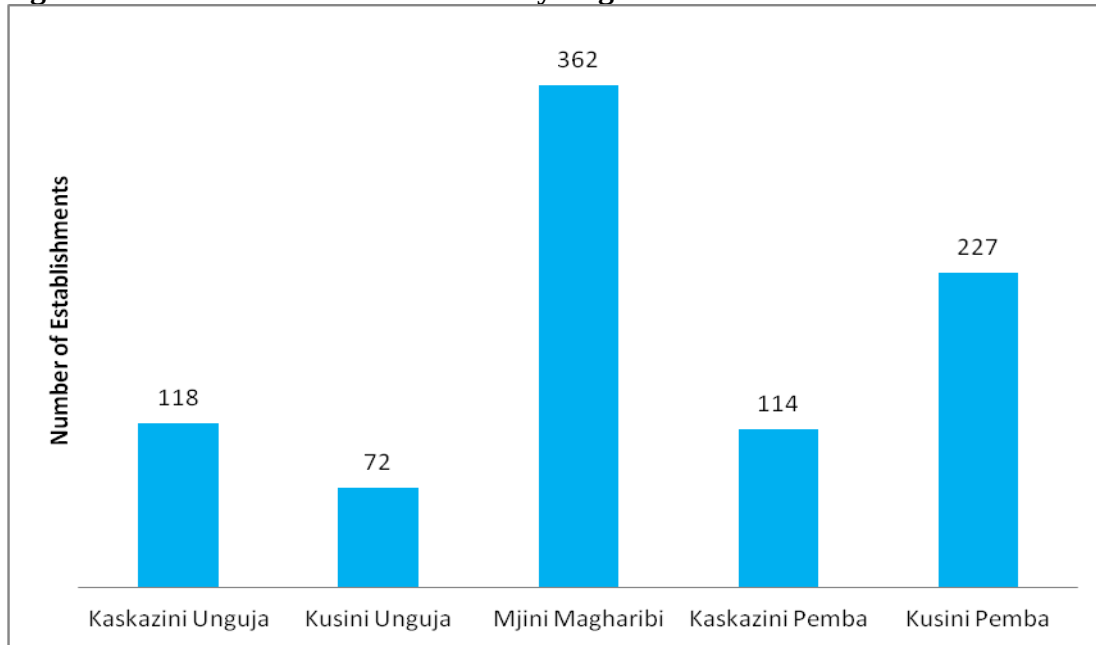
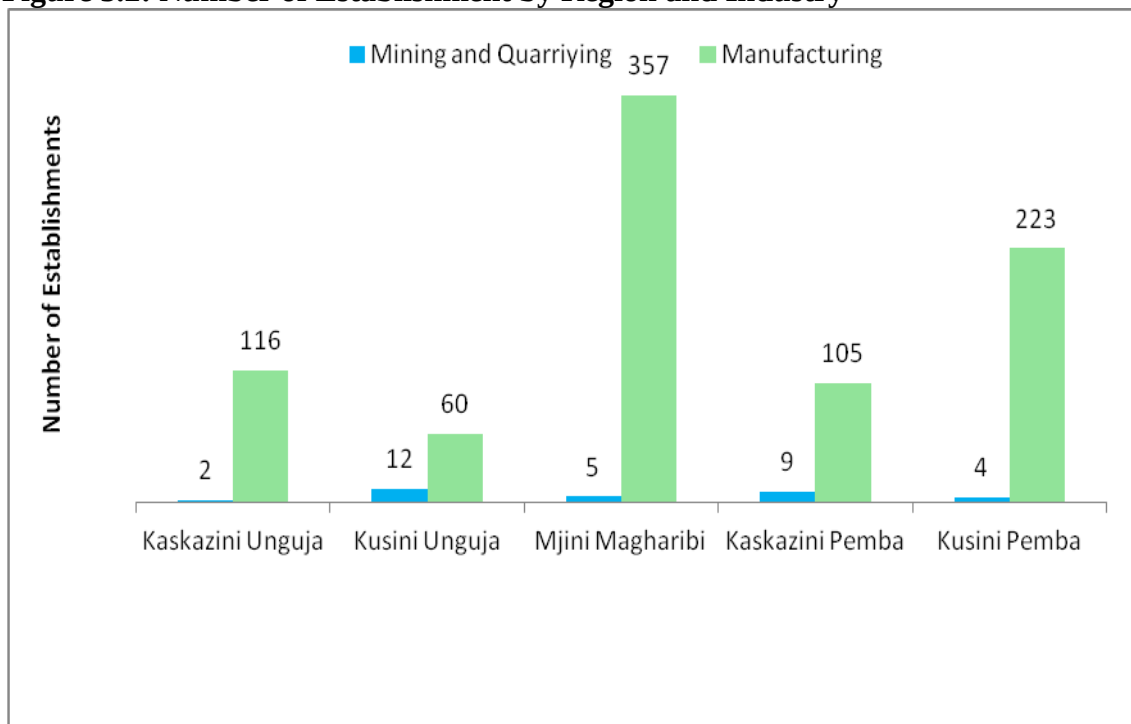
3.2 Findings

The 2016 Annual Survey of Industrial Production comprised of all establishments engaged 5 and more persons and only 10 percent of the establishment engaged 1 - 4 persons. The analysis was undertaken separately for establishments with 1–9 persons and those with 10 or more persons and tables for all establishments.

3.3 Regional Distribution of the Establishments (All Establishments):

This survey comprised 893 establishments that were operated in Zanzibar for the year 2016. Among them 32 (3.6 percent) were in Mining and Quarrying and 861 (96.4 percent) were in Manufacturing.

Regional distribution of industrial establishments is uneven among regions. The highest concentration is in Mjini Magharibi with 362 establishments and the lowest is in Kusini Unguja region with 72 establishments. There is high concentration of manufacturing establishments in Mjini Magharibi, while high concentration of mining and quarrying establishment was found in Kusini Unguja region with 37.5 percent. The concentration of establishments is illustrated in figure 3.2 below.

Figure 3.1: Number of Establishment by Region**Figure 3.2: Number of Establishment by Region and Industry**

3.4 Ownership:

Out of 893 establishments, 695 (77.8 percent) were under individual proprietorship. Corporate, as a form of ownership shares 132 establishments (14.8 percent). Other forms of ownership shares only 7.4 percent of the establishments.

Figure 3.3: Employment Status for Manufacturing

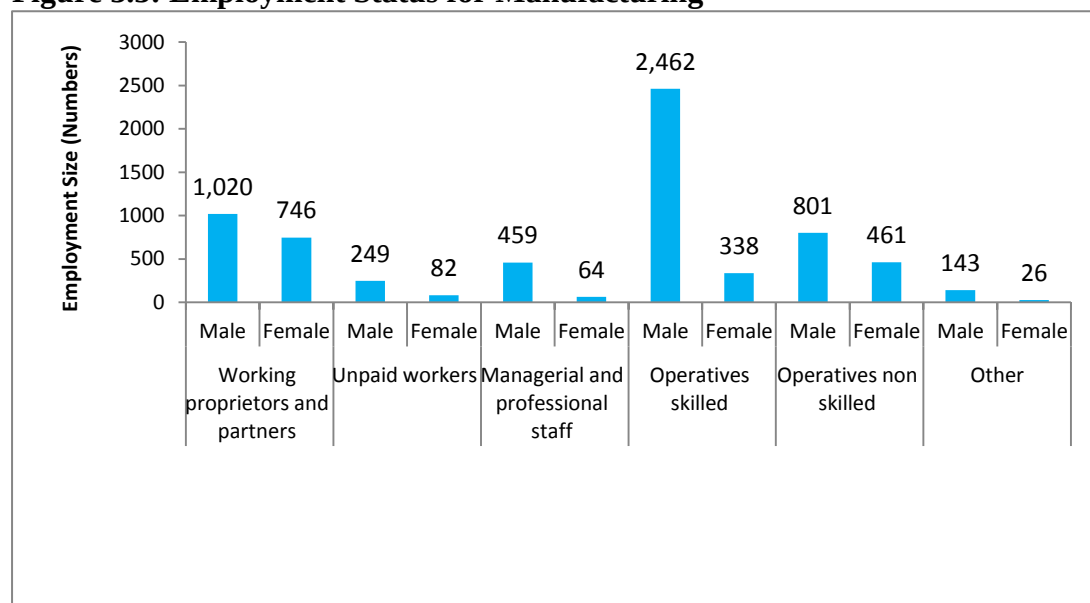
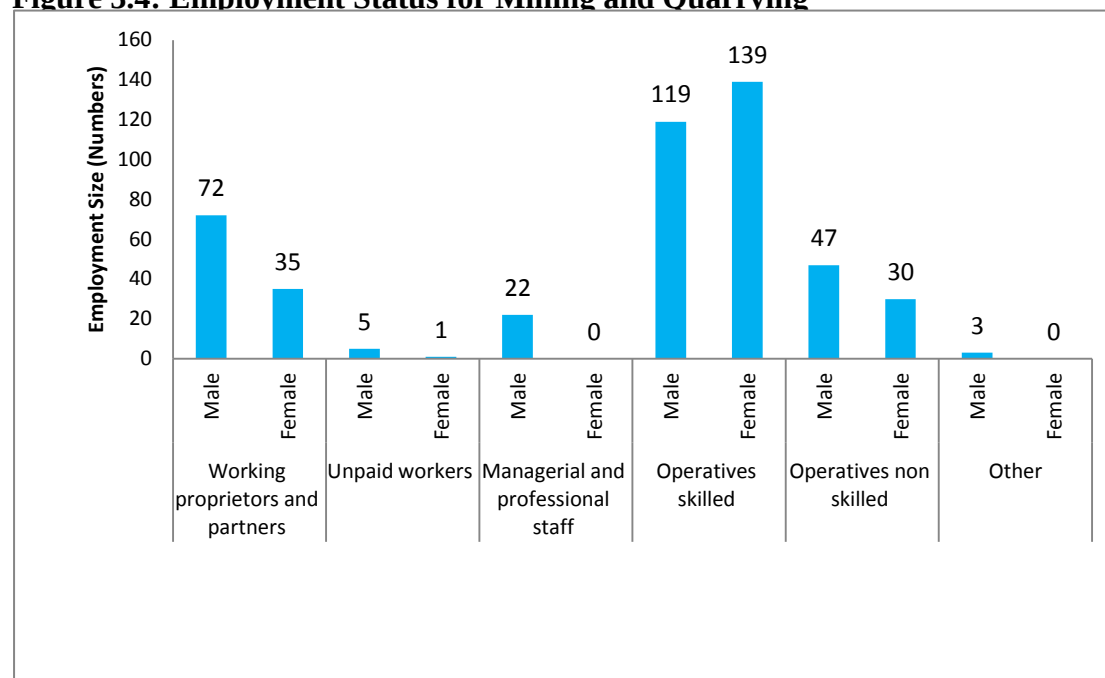


Figure 3.4: Employment Status for Mining and Quarrying



3.5 Persons Engaged:

The results also revealed that, for all establishments 698 (78.2 percent) have less than 10 persons engaged, while those with 10 or more persons were 195 establishments (21.8 percent)

3.6 Compensation of Employees:

Compensation of employees for all establishments paid amounted to TZS 20,038 million. The amount includes gross wages and salaries, overtime payments in kind, refund for travelling and employees contribution to the Social Security Fund.

3.7 Gross Output:

The gross output of goods and services produced in the industrial sector in 2016 was TZS 133,025 million. The gross output of manufacturing industries is 97.9 percent of total gross output and only 2.1 percent is from mining and quarrying industries.

The Survey results showed that the main consumer of outputs produced in all industries is local markets. This contributed (91.7 percent) of production. The exported portion of the gross output was 8.3 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 2016 was TZS 71,653 million. Raw materials constitute 63,330 (88.4 percent) of the cost of the intermediate consumption consumed. Much of raw materials consumed for production worth TZS 45,754 (72.2 percent) were locally produced while only 27.8 percent (TZS 17,577 million) were imported. Industrial and non-industrial Services consumed worth TZS 3,951 million of which 2,783 million was used for payments of non-industrial services and TZS 1,168 million for industrial services. Consumption of utility (electricity, water and fuel) was TZS 4,179 million (Table 11).

Value added measures the contribution of the industrial sector to GDP. It is obtained by deducting intermediate consumption from the gross output. The 2016 ASIP results indicated that the value added generated from all industrial sector was TZS 61,372 million. A total value of TZS 20,038 million was paid as a compensation of employees and TZS 185 million as taxes on production (less subsidies) to the government. This resulted to gross operating surplus (gross profit) of TZS 41,148 million (67 percent) of the value added.

3.8 Large Industries (10+)

The total number of establishments with 10+ persons engaged that operated in Zanzibar for the year 2016 was 195, of which 21 establishments (10.8 percent) were in mining and quarrying and 174 (89.2 percent) were in manufacturing.

3.8.1 Ownership:

Most of the establishments were under individual proprietorship, which comprised 103 establishments (52.8 percent) where 14 were for mining and 89 for manufacturing. Corporative with 65 establishments accounted for 33.3 percent while the remaining type of ownership accounted for 13.9 percent.

3.8.2 Persons Engaged:

The industrial sector in Zanzibar is mainly dominated by small and medium enterprises (SMEs). The results from 2016 ASIP revealed that about 76.9 percent of the establishments have 10 – 19 persons engaged, while only 4 establishments (2.1 percent) engaged 100 or more persons.

The Foreign Direct Investments (FDI) in the industrial sector is very marginal, more efforts are needed to invite FDI in-order to boost industrial sector in Zanzibar. The results of the survey revealed that, 188 establishments (96.4 percent) that engaged 10 or more persons were owned by Nationals. Four establishments (2.1 percent) were owned by foreigners and three establishments were jointly owned (by foreigner and locals).

3.8.3 Employment and Compensation of Employees:

Although SMEs dominated industrial sector in Zanzibar, its contribution on employment is minimal. The findings revealed that, the persons engaged in establishment with 10 or more persons engaged were 4,085 of whom 2,606 (63.8 percent) were males and 1,479 (36.2 percent) were females. Manufacturing sector took large share of employment with 3,662 persons (89.6 percent) of the total while the rest were in mining and quarrying (Table 6 or 7).

Distribution of employment status for manufacturing and mining and quarrying is illustrated in the figure (3.3 and 3.4). In both mining and quarrying and manufacturing most employees were skilled operatives followed by working proprietors in mining and quarrying and non-skilled operatives in manufacturing. Skilled operative employees are the majority (39 percent) of total persons employed in the sector (Table 7).

3.8.4 Compensation of Employees:

Compensation of employees plays an important role in giving harmony at work place, and motivates workers to increase production. The compensation of employees paid by industries amounted to TZS 9,211 million. This amount includes gross wages and salaries, overtime payments in kind, refund for travelling and employees contribution to the Social Security Fund (Table 12).

3.8.5 Gross Output:

The gross output of goods and services produced in 10 or more persons engaged was TZS 81,989 million. This is equivalent to 61.6 percent of total gross output produced in the industrial sector amounted to TZS 133,025 million (Table 10).

The Survey results showed that the local market was the main consumer of outputs produced in industrial sector. This contributed 83.4 percent of total gross output while the exported portion of the gross output was 16.6 percent only.

The value of intermediate consumption for the establishments with 10 or more persons engaged was TZS 49,006 million. Raw materials constituted 42,371 (86.5 percent) of the cost of the intermediate consumption. Much of raw materials consumed for production were locally

produced (59.1 percent) while only 40.9 percent (TZS 17,330 million) were imported. Industrial and non-industrial services consumed worth TZS 3,318 million of which TZS 872 million was used for payments of non-industrial services and TZS 2,446 million for industrial services. Consumption of utility (electricity, water and fuel) was TZS 3,036 million (Table 28).

The value added generated from establishments with 10 or more persons engaged was TZS 32,982 million. A total value of TZS 9,211 million was paid as compensation of employees and TZS 116 million as taxes on production (less subsidies) to the government. This resulted to gross operating surplus (gross profit) of TZS 23,654 million equivalents to 71.7 percent of the value added (Table 10).

3.8.6 Operating Ratio:

The value added to gross output ratio was 40.2 percent. The ratio for mining sector was 32.7 percent and for the manufacturing was 40.5 percent. The highest ratio in manufacturing of sector was manufacture of wood and products of wood and cocks (except furniture) which was 81 percent.

The overall compensation of employees as percentage of value added of establishments with 10 or more persons engaged stood at 27.9 percent. Few establishments have the ratio over 100 percent. This is mainly due to the fact that most of these are government owned establishment which receive subsidies for wages and salaries. Although, some employees work seasonally, they receive full salaries.

The average gross output per establishment was TZS 6,134 million and the average output per persons engaged stood at TZS 186 million. The corresponding figures for manufacturing and mining and quarrying per person were TZS 179 millions and TZS 15 thousands respectively.

3.9 Small Establishments (Less than 10)

Establishments that operated in Zanzibar for the year 2016 and engaged less than 10 persons were 698, of which 11 of them (1.6 percent) were in mining and quarrying and 687 (98.4 percent) were in manufacturing (Table 2)

3.9.1 Ownership:

Most of the establishments were under individual proprietorship, which comprised 592 establishments (84.8 percent) where 7 were for mining and quarrying and 585 for manufacturing. Corporative with 67 establishments accounted for 9.6 percent of all small establishments while the remaining type of ownership accounted for 5.6 percent (Table 1).

3.9.2 Size of Establishments:

Establishments of size 5-6 share the highest proportion (33.4 percent) among small establishments in Zanzibar, followed by establishments of size 1-2. Only 21 establishments (3.0 percent) engaged nine (9) persons. The survey dealt not only with establishments that engaged 10 or more persons, but also considered establishments with less than ten persons (Table 11).

3.9.3 Regional Distribution of the Establishments

Regional distribution of small scale industrial establishments is not different from that of large scale. The highest concentration of small scale industries is in Mjini Magharibi (289) and the lowest is (47) in Kusini Unguja region. Other mining and quarrying (not elsewhere classified) comprised extraction of salt which are found in Kaskazini Pemba regions only (Table 13).

3.9.4 Nationality of Owners of Establishments

The survey results revealed that, 695 small scale establishments (99.6 percent) were owned by nationals, two and one establishments were owned by foreigners and joint venture respectively (Table 21).

3.9.5 Employment and Compensation of Employees

The survey revealed that, for small establishments the number of persons engaged were 3,239 of whom 2,801 were males and 438 were females. Manufacturing industry took large share of employment (98 percent) of total employment and the rest was mining and quarrying.

The compensation of employees paid amounted to TZS 10,826 million. The amount includes gross wages and salaries, overtime payments in kind, refund for travelling and employees contribution to the Social Security Fund (Table 3).

3.9.5 Gross Output

The gross output of goods and services produced in the industrial sector in 2016 from establishments with less than 10 persons engaged was TZS 51,036 million. The value of intermediate consumption (total cost of production) was TZS 22,646 million and the value added generated from the sector was TZS 28,389 million. The sector paid TZS 10,826 million as

compensation of employees and TZS 69 million as taxes on production (less subsidies) to the Government. The gross operating surplus (gross profit) was TZS 17,493 million (Table 3).

3.9.6 Operating Ratio:

The results from survey revealed that value added to gross output ratio was 56 percent for small establishments. The ratio for mining sector was 21 percent and for the manufacturing was 56 percent. The highest ratio in the manufacturing sector was manufacturer of basic iron and steel products which amounted to 84 percent (Table 5).

The average gross output per establishment was TZS 73 million and the average output per persons engaged stood at TZS 15.7 million. The corresponding figures of output per persons engaged were TZS 15.9 million and TZS 2 million for manufacturing and mining and quarrying respectively.

CHAPTER FOUR

Tables and Figures

Part one:

All Establishments

Table 1: Number of Persons Employed by Industrial Activity (ISIC R4), Employment Status and Gender, 2016

ISIC REV 4	Descriptions	Number of Establishment	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	
0810	Quarrying of stone, sand and clay	23	22	0	119	139	46	26	3	0	190	165	355
0893	Extraction of salt	9	0	0	0	0	1	4	0	0	1	4	5
B	Mining and Quarrying	32	22	0	119	139	47	30	3	0	191	169	360
	Manufacture of dairy products and grain mill products	27	15	4	91	16	51	20	56	12	213	52	265
1071, 1072	Manufacture of bakery products and sugar	61	41	3	368	46	243	0	29	0	681	49	730
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	3	0	0	13	0	0	0	0	0	13	0	13
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	5	22	5	92	46	43	30	0	0	157	81	238
1393	Manufacture of carpets and rugs	1	0	0	0	0	0	0	0	0	0	0	0
1394	Manufacture of cordage, rope, twine and netting	12	0	0	3	32	0	0	0	0	3	32	35
1410	Manufacture of wearing apparel, except fur apparel	213	24	11	114	100	26	58	5	1	169	170	339
1610	Sawmilling and planning of wood	21	5	1	56	0	9	0	5	0	75	1	76
1811	Printing	2	7	3	17	21	28	38	5	0	57	62	119
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	6	0	1	3	10	0	10	0	0	3	21	24
2029	Manufacture of other chemical products n.e.c.	6	3	0	10	6	91	277	14	12	118	295	413
2391	Manufacture of refractory products	6	0	2	0	29	0	28	0	0	0	59	59
2392	Manufacture of clay building materials	1	0	0	0	0	0	0	0	0	0	0	0
2395	Manufacture of articles of concrete, cement and plaster	166	185	34	749	27	173	0	16	0	1,123	61	1,184
2410	Manufacture of basic iron and steel	2	0	0	14	0	0	0	0	0	14	0	14
2511	Manufacture of structural metal products	1	1	0	6	0	1	0	2	0	10	0	10
2593	Manufacture of cutlery, hand tools and general hardware	7	0	0	14	0	0	0	0	0	14	0	14
2599	Manufacture of other fabricated metal products n.e.c.	81	65	0	207	0	49	0	2	0	323	0	323
3012	Building of pleasure and sporting boats	5	2	0	86	0	10	0	0	0	98	0	98
3099	Manufacture of other transport equipment n.e.c.	2	0	0	3	0	0	0	0	0	3	0	3
3100	Manufacture of furniture	230	88	0	596	5	77	0	9	1	770	6	776
3211	Manufacture of jewellery and related articles	3	1	0	20	0	0	0	0	0	21	0	21
C	Manufacturing	861	459	64	2,462	338	801	461	143	26	3,865	889	4,754
Total		893	481	64	2,581	477	848	491	146	26	4,056	1,058	5,114

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table2: Number of Persons Engaged by Industrial Activity (ISIC R4), Employment Status and Gender, 2016

ISIC REV 4	Descriptions	Number of Establishment	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	
0810	Quarrying of stone, sand and clay	23	37	13	5	0	22	0	119	139	46	26	3	0	232	178	410
0893	Extraction of salt	9	35	22	0	1	0	0	0	0	1	4	0	0	36	27	63
B	Mining and Quarrying	32	72	35	5	1	22	0	119	139	47	30	3	0	268	205	473
1050, 1061	Manufacture of dairy products and grain mill products	27	63	20	6	6	15	4	91	16	51	20	56	12	282	78	360
1071, 1072	Manufacture of bakery products and sugar	61	33	0	31	0	41	3	368	46	243	0	29	0	745	49	794
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	3	21	12	0	0	0	0	13	0	0	0	0	0	34	12	46
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	5	0	0	2	0	22	5	92	46	43	30	0	0	159	81	240
1393	Manufacture of carpets and rugs	1	1	0	1	0	0	0	0	0	0	0	0	0	2	0	2
1394	Manufacture of cordage, rope, twine and netting	12	23	87	0	0	0	0	3	32	0	0	0	0	26	119	145
1410	Manufacture of wearing apparel, except fur apparel	213	190	414	38	74	24	11	114	100	26	58	5	1	397	658	1,055
1610	Sawmilling and planning of wood	21	32	0	20	0	5	1	56	0	9	0	5	0	127	1	128
1811	Printing	2	0	0	0	0	7	3	17	21	28	38	5	0	57	62	119
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	6	5	42	0	0	0	1	3	10	0	10	0	0	8	63	71
2029	Manufacture of other chemical products n.e.c.	6	14	3	0	0	3	0	10	6	91	277	14	12	132	298	430
2391	Manufacture of refractory products	6	22	17	0	0	0	2	0	29	0	28	0	0	22	76	98
2392	Manufacture of clay building materials	1	0	20	0	0	0	0	0	0	0	0	0	0	0	20	20
2395	Manufacture of articles of concrete, cement and plaster	166	105	126	7	0	185	34	749	27	173	0	16	0	1,235	187	1,422
2410	Manufacture of basic iron and steel	2	4	0	0	0	0	0	14	0	0	0	0	0	18	0	18
2511	Manufacture of structural metal products	1	0	0	0	0	1	0	6	0	1	0	2	0	10	0	10
2593	Manufacture of cutlery, hand tools and general hardware	7	17	0	11	0	0	0	14	0	0	0	0	0	42	0	42
2599	Manufacture of other fabricated metal products n.e.c.	81	105	0	33	0	65	0	207	0	49	0	2	0	461	0	461
3012	Building of pleasure and sporting boats	5	15	0	3	0	2	0	86	0	10	0	0	0	116	0	116
3099	Manufacture of other transport equipment n.e.c.	2	2	0	0	0	0	0	3	0	0	0	0	0	5	0	5
3100	Manufacture of furniture	230	367	5	97	2	88	0	596	5	77	0	9	1	1,234	13	1,247
3211	Manufacture of jewellery and related articles	3	1	0	0	0	1	0	20	0	0	0	0	0	22	0	22
C	Manufacturing	861	1,020	746	249	82	459	64	2,462	338	801	461	143	26	5,134	1,717	6,851
Total		893	1,092	781	254	83	481	64	2,581	477	848	491	146	26	5,402	1,922	7,324

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 3: Number of Establishments by Activity and Regions (ISIC R4), 2016

ISIC R4	Activity of the Establishment	Kaskazini Unguja	Kusini Unguja	Mjini Magharibi	Kaskazini Pemba	Kusini Pemba	Total
0810	Quarrying of stone, sand and clay	2	12	5	1	3	23
0893	Extraction of salt	0	0	0	8	1	9
B	Mining and Quarrying	2	12	5	9	4	32
1050, 1061	Manufacture of dairy products and grain mill products	12	2	4	3	6	27
1071, 1072	Manufacture of bakery products and sugar	5	4	35	10	7	61
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	0	0	2	0	1	3
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	0	3	2	0	0	5
1393	Manufacture of carpets and rugs	0	0	0	0	1	1
1394	Manufacture of cordage, rope, twine and netting	4	1	0	2	5	12
1410	Manufacture of wearing apparel, except fur apparel	18	1	59	25	110	213
1610	Sawmilling and planning of wood	4	2	7	5	3	21
1811	Printing	0	0	2	0	0	2
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	0	0	2	1	3	6
2029	Manufacture of other chemical products n.e.c.	0	0	1	1	4	6
2391	Manufacture of refractory products	2	2	1	0	1	6
2392	Manufacture of clay building materials	1	0	0	0	0	1
2395	Manufacture of articles of concrete, cement and plaster	26	29	85	7	19	166
2410	Manufacture of basic iron and steel	1	0	1	0	0	2
2511	Manufacture of structural metal products	0	0	1	0	0	1
2593	Manufacture of cutlery, hand tools and general hardware	3	0	2	1	1	7
2599	Manufacture of other fabricated metal products n.e.c.	4	3	58	5	11	81
3012	Building of pleasure and sporting boats	3	0	1	0	1	5
3099	Manufacture of other transport equipment n.e.c.	1	0	1	0	0	2
3100	Manufacture of furniture	32	13	90	45	50	230
3211	Manufacture of jewellery and related articles	0	0	3	0	0	3
C	Manufacturing	116	60	357	105	223	861
Total		118	72	362	114	227	893

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 4: Number of Establishments by Activity and Origin of Ownership (ISIC R4), 2016

ISIC REV 4	Descriptions	National	Foreign	Joint	Total
0810	Quarrying of stone, sand and clay	23	0	0	23
0893	Extraction of salt	9	0	0	9
B	Mining and Quarrying	32	0	0	32
1050, 1061	Manufacture of dairy products and grain mill products	27	0	0	27
1071, 1072	Manufacture of bakery products and sugar	61	0	0	61
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	3	0	0	3
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	2	1	2	5
1393	Manufacture of carpets and rugs	1	0	0	1
1394	Manufacture of cordage, rope, twine and netting	12	0	0	12
1410	Manufacture of wearing apparel, except fur apparel	210	2	1	213
1610	Sawmilling and planing of wood	21	0	0	21
1811	Printing	1	0	1	2
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	5	1	0	6
2029	Manufacture of other chemical products n.e.c.	6	0	0	6
2391	Manufacture of refractory products	6	0	0	6
2392	Manufacture of clay building materials	1	0	0	1
2395	Manufacture of articles of concrete, cement and plaster	165	1	0	166
2410	Manufacture of basic iron and steel	2	0	0	2
2511	Manufacture of structural metal products	1	0	0	1
2593	Manufacture of cutlery, hand tools and general hardware	7	0	0	7
2599	Manufacture of other fabricated metal products n.e.c.	81	0	0	81
3012	Building of pleasure and sporting boats	5	0	0	5
3099	Manufacture of other transport equipment n.e.c.	2	0	0	2
3100	Manufacture of furniture	229	1	0	230
3211	Manufacture of jewellery and related articles	3	0	0	3
C	Manufacturing	851	6	4	861
Total		883	6	4	893

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 5: Number of Establishments by Activity and Form of Ownership (ISIC R4), 2016

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	17	0	1	0	5	0	0	0	23
0893	Extraction of salt	4	0	0	0	5	0	0	0	9
B	Mining and Quarrying	21	0	1	0	10	0	0	0	32
1050, 1061	Manufacture of dairy products and grain mill products	15	0	0	0	10	0	2	0	27
1071, 1072	Manufacture of bakery products and sugar	58	1	1	0	1	0	0	0	61
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	2	0	0	0	1	0	0	0	3
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	0	1	0	0	0	0	4	0	5
1393	Manufacture of carpets and rugs	1	0	0	0	0	0	0	0	1
1394	Manufacture of cordage, rope, twine and netting	3	0	0	0	9	0	0	0	12
1410	Manufacture of wearing apparel, except fur apparel	160	13	2	0	36	0	2	0	213
1610	Sawmilling and planing of wood	18	0	0	0	3	0	0	0	21
1811	Printing	0	1	1	0	0	0	0	0	2
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	0	0	0	0	4	1	1	0	6
2029	Manufacture of other chemical products n.e.c.	1	0	1	0	3	0	1	0	6
2391	Manufacture of refractory products	0	0	0	0	6	0	0	0	6
2392	Manufacture of clay building materials	0	0	0	0	1	0	0	0	1
2395	Manufacture of articles of concrete, cement and plaster	144	8	1	1	9	0	0	3	166
2410	Manufacture of basic iron and steel	2	0	0	0	0	0	0	0	2
2511	Manufacture of structural metal products	0	1	0	0	0	0	0	0	1
2593	Manufacture of cutlery, hand tools and general hardware	6	0	0	0	1	0	0	0	7
2599	Manufacture of other fabricated metal products n.e.c.	70	7	0	0	3	0	1	0	81
3012	Building of pleasure and sporting boats	2	0	0	0	3	0	0	0	5
3099	Manufacture of other transport equipment n.e.c.	2	0	0	0	0	0	0	0	2
3100	Manufacture of furniture	188	9	0	0	31	0	2	0	230
3211	Manufacture of jewellery and related articles	2	0	0	0	1	0	0	0	3
C	Manufacturing	674	41	6	1	122	1	13	3	861
Total		695	41	7	1	132	1	13	3	893

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 6: Production Account by Individual Establishment (ISIC R4), 2016

TZS ('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
0810	Quarrying of stone, sand and clay	23	410	2,779,225	1,886,820	892,405	900,146	9,719	(17,459)
0893	Extraction of salt	9	63	47,746	27,393	20,353	4,800	140	15,413
B	Mining and Quarrying	32	473	2,826,971	1,914,213	912,758	904,946	9,859	(2,046)
1050, 1061	Manufacture of dairy products and grain mill products	27	360	38,697,631	22,570,124	16,127,507	1,665,695	4,376	14,457,437
1071, 1072	Manufacture of bakery products and sugar	61	794	26,269,634	10,800,237	15,469,396	2,404,310	6,086	13,059,000
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	3	46	323,294	233,690	89,604	31,440	520	57,644
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	5	240	8,694,996	3,981,411	4,713,585	1,057,478	40,802	3,615,305
1393	Manufacture of carpets and rugs	1	2	5,930	2,984	2,946	0	40	2,906
1394	Manufacture of cordage, rope, twine and netting	12	145	117,734	73,868	43,866	21,600	0	22,266
1410	Manufacture of wearing apparel, except fur apparel	213	1,055	3,579,666	991,470	2,588,196	968,309	13,325	1,606,562
1610	Sawmilling and planning of wood	21	128	871,983	178,822	693,161	241,600	3,314	448,247
1811	Printing	2	119	1,794,057	1,365,311	428,746	804,654	29,990	(405,898)
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	6	71	791,584	421,995	369,588	63,379	4,944	301,265
2029	Manufacture of other chemical products n.e.c.	6	430	2,161,114	962,158	1,198,956	504,911	420	693,625
2391	Manufacture of refractory products	6	98	64,567	20,793	43,774	58,635	0	(14,861)
2392	Manufacture of clay building materials	1	20	82,800	8,640	74,160	0	0	74,160
2395	Manufacture of articles of concrete, cement and plaster	166	1,422	27,363,180	20,183,554	7,179,627	5,695,364	36,665	1,447,598
2410	Manufacture of basic iron and steel	2	18	201,250	73,431	127,819	26,040	140	101,639
2511	Manufacture of structural metal products	1	10	105,400	54,776	50,624	31,860	250	18,514
2593	Manufacture of cutlery, hand tools and general hardware	7	42	138,553	34,388	104,165	42,600	0	61,565
2599	Manufacture of other fabricated metal products n.e.c.	81	461	6,054,518	2,731,265	3,323,253	1,830,912	9,565	1,482,776
3012	Building of pleasure and sporting boats	5	116	910,260	358,210	552,050	378,065	556	173,429
3099	Manufacture of other transport equipment n.e.c.	2	5	25,670	10,415	15,255	14,400	0	855
3100	Manufacture of furniture	230	1,247	11,832,819	4,609,770	7,223,049	3,277,984	24,171	3,920,894
3211	Manufacture of jewellery and related articles	3	22	111,981	71,772	40,208	14,521	496	25,191
C	Manufacturing	861	6,851	130,198,620	69,739,086	60,459,534	19,133,758	175,660	41,150,117
Total		893	7,324	133,025,591	71,653,298	61,372,293	20,038,703	185,519	41,148,071

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 7: Production Account by Individual Establishment and Region (ISIC R4), 2016

Region	Number of Establishment	Person Engaged	Gross Output	Intermediate Consumption	Value Added (Basic prices)	Compensation of Employees	TZS ('000')	
							Taxes on Production Less subsidies	Gross Operating Surplus
Kaskazini Unguja	118	1,243	17,652,630	9,771,228	7,881,402	2,574,494	9,346	5,297,562
Kusini Unguja	72	825	13,803,443	9,237,610	4,565,832	2,425,202	52,995	2,087,635
Mjini Magharibi	362	2,905	90,414,479	47,539,935	42,874,544	13,988,248	110,893	28,775,403
Kaskazini Pemba	114	977	3,829,078	2,338,117	1,490,961	348,444	4,810	1,137,707
Kusini Pemba	227	1,374	7,325,961	2,766,408	4,559,553	702,315	7,475	3,849,763
Total	893	7,324	133,025,591	71,653,298	61,372,293	20,038,703	185,519	41,148,071

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 8a: Principal Indicators by Industrial Activity (ISIC R4), 2016

								TZS ('000')	
ISIC REV 4	Descriptions	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 Employees	
								Per employee per	As a percent of VA
0810	Quarrying of stone, sand and clay	23	120,836	6,779	32	38,800	2,177	211	101
0893	Extraction of salt	9	5,305	758	43	2,261	323	80	24
B	Mining and Quarrying	32	126,141	7,536	32	41,062	2,500	291	124
1050, 1061	Manufacture of dairy products and grain mill products	27	14,425,285	241,691	42	4,928,538	92,534	1,010	21
1071, 1072	Manufacture of bakery products and sugar	61	7,454,630	62,599	59	3,938,827	36,364	509	28
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	3	174,137	19,477	28	55,032	5,004	202	45
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	5	1,738,999	36,229	54	942,717	19,640	370	22
1393	Manufacture of carpets and rugs	1	5,930	2,965	50	2,946	1,473	0	0
1394	Manufacture of cordage, rope, twine and netting	12	9,811	812	37	3,656	303	51	49
1410	Manufacture of wearing apparel, except fur apparel	213	16,806	3,393	72	12,151	2,453	238	37
1610	Sawmilling and planning of wood	21	41,523	6,812	79	33,008	5,415	265	35
1811	Printing	2	897,028	15,076	24	214,373	3,603	563	188
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	6	131,931	11,149	47	61,598	5,205	220	17

2029	Manufacture of other chemical products n.e.c.	6	360,186	5,026	55	199,826	2,788	102	42
2391	Manufacture of refractory products	6	10,761	659	68	7,296	447	83	134
2392	Manufacture of clay building materials	1	82,800	4,140	90	74,160	3,708	0	0
2395	Manufacture of articles of concrete, cement and plaster	166	164,838	19,243	26	43,251	5,049	401	79
2410	Manufacture of basic iron and steel	2	100,625	11,181	64	63,910	7,101	155	20
2511	Manufacture of structural metal products	1	105,400	10,540	48	50,624	5,062	266	63
2593	Manufacture of cutlery, hand tools and general hardware	7	19,793	3,299	75	14,881	2,480	254	41
2599	Manufacture of other fabricated metal products n.e.c.	81	74,747	13,133	55	41,028	7,209	472	55
3012	Building of pleasure and sporting boats	5	182,052	7,847	61	110,410	4,759	321	68
3099	Manufacture of other transport equipment n.e.c.	2	12,835	5,134	59	7,628	3,051	400	94
3100	Manufacture of furniture	230	51,447	9,489	61	31,405	5,792	352	45
3211	Manufacture of jewellery and related articles	3	37,327	5,090	36	13,403	1,828	58	36
C	Manufacturing	861	26,098,891	494,985	46	10,850,664	221,268	6,293	32
Total		893	26,225,032	502,521	46	10,891,726	223,768	6,584	33

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 8b: Principal Indicators by Industrial activity (ISIC R4), 2016

TZS ('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	23	410	3	355	2,779,225	3	892,405	3	900,146	3
0893	Extraction of salt	9	63	1	5	47,746	1	20,353	1	4,800	1
B	Mining and Quarrying	32	473	4	360	2,826,971	4	912,758	4	904,946	4
1050, 1061	Manufacture of dairy products and grain mill products	27	360	3	265	38,697,631	3	16,127,507	3	1,665,695	3
1071, 1072	Manufacture of bakery products and sugar	61	794	7	730	26,269,634	7	15,469,396	7	2,404,310	7
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	3	46	0	13	323,294	0	89,604	0	31,440	0
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	5	240	1	238	8,694,996	1	4,713,585	1	1,057,478	1
1393	Manufacture of carpets and rugs	1	2	0	0	5,930	0	2,946	0	0	0
1394	Manufacture of cordage, rope, twine and netting	12	145	1	35	117,734	1	43,866	1	21,600	1
1410	Manufacture of wearing apparel, except fur apparel	213	1,055	24	339	3,579,666	24	2,588,196	24	968,309	24
1610	Sawmilling and planing of wood	21	128	2	76	871,983	2	693,161	2	241,600	2
1811	Printing	2	119	0	119	1,794,057	0	428,746	0	804,654	0
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	6	71	1	24	791,584	1	369,588	1	63,379	1
2029	Manufacture of other chemical products n.e.c.	6	430	1	413	2,161,114	1	1,198,956	1	504,911	1
2391	Manufacture of refractory products	6	98	1	59	64,567	1	43,774	1	58,635	1
2392	Manufacture of clay building materials	1	20	0	0	82,800	0	74,160	0	0	0
2395	Manufacture of articles of concrete, cement and plaster	166	1,422	19	1,184	27,363,180	19	7,179,627	19	5,695,364	19
2410	Manufacture of basic iron and steel	2	18	0	14	201,250	0	127,819	0	26,040	0
2511	Manufacture of structural metal products	1	10	0	10	105,400	0	50,624	0	31,860	0
2593	Manufacture of cutlery, hand tools and general hardware	7	42	1	14	138,553	1	104,165	1	42,600	1
2599	Manufacture of other fabricated metal products n.e.c.	81	461	9	323	6,054,518	9	3,323,253	9	1,830,912	9
3012	Building of pleasure and sporting boats	5	116	1	98	910,260	1	552,050	1	378,065	1
3099	Manufacture of other transport equipment n.e.c.	2	5	0	3	25,670	0	15,255	0	14,400	0
3100	Manufacture of furniture	230	1,247	26	776	11,832,819	26	7,223,049	26	3,277,984	26
3211	Manufacture of jewellery and related articles	3	22	0	21	111,981	0	40,208	0	14,521	0
C	Manufacturing	861	6,851	96	4,754	130,198,620	96	60,459,534	96	19,133,758	96
Total		893	7,324	100	5,114	133,025,591	100	61,372,293	100	20,038,703	100

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 9: Challenges Encountered by Industrial Sector (in percent)

Challenges	Responses	Percent
Shortage of customer	615	69
Insufficient raw material	413	46
High taxes	266	30
Insufficient production capacity	262	29
Shortage of qualified labour	94	11
Lack of equipment	90	10
Transport problem	95	11
Lack of production area	154	17
Inadequate supply of electricity	194	22
Economic environment	155	17
High cost of production	249	28
Financial problem	374	42
Foreign currency	3	0
Inflation	102	11
Depreciation of currency	57	6
Illegal imports	5	1
Inadequate supply of water	17	2
Feasibility study	15	2
Other	67	8
Total	893	100

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 10: Utilization Capacity by Industrial Activity in Percentage (ISIC R4), 2016

ISIC REV 4	Descriptions	Percent
0810	Quarrying of stone, sand and clay	67
0893	Extraction of salt	46
B	Mining and Quarrying	56
1050	Manufacture of dairy products	112
1061	Manufacture of grain mill products	67
1071	Manufacture of bakery products	66
1072	Manufacture of sugar	80
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	70
1080	Manufacture of prepared animal feeds	50
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	62
1393	Manufacture of carpets and rugs	50
1394	Manufacture of cordage, rope, twine and netting	48
1410	Manufacture of wearing apparel, except fur apparel	54
1610	Sawmilling and planning of wood	68
1811	Printing	89
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	32
2029	Manufacture of other chemical products n.e.c.	70
2391	Manufacture of refractory products	64
2392	Manufacture of clay building materials	75
2395	Manufacture of articles of concrete, cement and plaster	64
2410	Manufacture of basic iron and steel	58
2511	Manufacture of structural metal products	70
2593	Manufacture of cutlery, hand tools and general hardware	61
2599	Manufacture of other fabricated metal products n.e.c.	58
3012	Building of pleasure and sporting boats	79
3099	Manufacture of other transport equipment n.e.c.	38
3100	Manufacture of furniture	59
3211	Manufacture of jewellery and related articles	63
C	Manufacturing	64
Total		60

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 11: Detailed Intermediate Consumption by Industrial Activity (ISIC R4), 2016

TZS ('000')

	Descriptions	Imported	Local	Electricity, water & fuel	Industrial Services Consumed	Non Industrial Services Consumed	Change in Stock	Total Intermediate
0810	Quarrying of stone, sand and clay	0	1,080,991	537,038	29,335	20,886	(218,570)	1,886,820
0893	Extraction of salt	0	9,928	13,455	1,270	1,570	(1,170)	27,393
B	Mining and Quarrying	0	1,090,919	550,493	30,605	22,456	(219,740)	1,914,213
1050, 1061	Manufacture of dairy products and grain mill products	17,213,285	1,027,998	974,531	366,076	1,711,196	(1,277,038)	22,570,124
1071, 1072	Manufacture of bakery products and sugar	117,000	10,053,802	609,192	14,621	236,854	231,232	10,800,237
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	0	193,780	37,200	500	330	(1,880)	233,690
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	76,374	3,031,180	705,273	215,500	207,511	254,427	3,981,411
1393	Manufacture of carpets and rugs	0	2,736	288	0	0	40	2,984
1394	Manufacture of cordage, rope, twine and netting	0	69,554	3,295	350	528	(141)	73,868
1410	Manufacture of wearing apparel, except fur apparel	15,183	735,791	79,338	119,651	57,481	15,973	991,470
1610	Sawmilling and planing of wood	0	82,476	48,775	41,150	4,262	(2,160)	178,822
1811	Printing	0	1,536,725	89,947	107,723	213,328	582,413	1,365,311
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	0	352,638	3,958	8,625	54,445	(2,330)	421,995
2029	Manufacture of other chemical products n.e.c.	35,120	1,037,172	84,387	37,538	3,180	235,238	962,158
2391	Manufacture of refractory products	0	11,841	1,042	0	290	(7,620)	20,793
2392	Manufacture of clay building materials	0	7,200	1,200	0	240	0	8,640
2395	Manufacture of articles of concrete, cement and plaster	0	19,639,258	563,446	83,505	110,983	213,638	20,183,554
2410	Manufacture of basic iron and steel	0	66,826	4,505	100	0	(2,000)	73,431
2511	Manufacture of structural metal products	0	38,700	6,840	500	3,736	(5,000)	54,776
2593	Manufacture of cutlery, hand tools and general hardware	0	23,482	8,350	2,250	696	390	34,388
2599	Manufacture of other fabricated metal products n.e.c.	19,401	2,362,962	199,657	42,043	53,042	(54,160)	2,731,265
3012	Building of pleasure and sporting boats	0	340,720	2,400	3,290	1,300	(10,500)	358,210
3099	Manufacture of other transport equipment n.e.c.	0	10,415	0	0	0	0	10,415
3100	Manufacture of furniture	72,403	4,031,969	201,745	94,250	96,506	(112,897)	4,609,770
3211	Manufacture of jewellery and related articles	29,180	6,129	3,150	540	4,644	(28,130)	71,772
C	Manufacturing	17,577,946	44,663,353	3,628,519	1,138,212	2,760,551	29,495	69,739,086
Total		17,577,946	45,754,272	4,179,012	1,168,817	2,783,007	(190,245)	71,653,298

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Part two

Large Industrial Establishments

10+ Workers

Table 1: Production Account by Individual Establishment (ISIC R4), 2016

								TZS ('000')	
ISIC R4	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	21	423	2,723,495	1,832,489	891,006	865,586	9,483	15,938
B	Mining and Quarrying	21	423	2,723,495	1,832,489	891,006	865,586	9,483	15,938
10	Manufacture of food products	31	898	50,555,064	29,684,559	20,870,505	2,635,334	5,717	18,229,454
11	Manufacture of beverages	4	232	8,694,996	3,959,876	4,735,119	1,048,658	40,760	3,645,701
13	Manufacture of textiles	8	137	99,332	69,758	29,574	21,600	0	7,974
14	Manufacture of wearing apparel	28	456	1,153,473	377,015	776,459	125,756	5,987	644,716
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	3	32	323,630	60,620	263,010	64,800	950	197,260
18	Printing and reproduction of recorded media	2	119	1,794,057	1,365,311	428,746	804,654	29,990	(405,898)
20	Manufacture of chemicals and chemical products	6	461	2,014,478	971,286	1,043,192	568,291	5,104	469,798
23	Manufacture of other non metallic mineral products	51	761	10,172,195	8,846,456	1,325,739	1,748,849	10,622	(433,732)
24	Manufacture of basic metals	1	15	188,300	71,416	116,884	26,040	140	90,704
25	Manufacture of fabricated metal products, except machinery and equipment	11	126	1,280,051	493,450	786,601	282,300	1,436	502,865
30	Manufacture of other transport equipment	5	116	910,260	358,210	552,050	378,065	556	173,429
31	Manufacture of furniture	23	292	2,049,858	911,107	1,138,751	638,253	5,415	495,083
32	Other manufacturing	1	17	30,231	4,952	25,278	3,721	0	21,557
C	Manufacturing	174	3,662	79,265,923	47,174,015	32,091,908	8,346,321	106,677	23,638,910
Total		195	4,085	81,989,418	49,006,504	32,982,914	9,211,906	116,160	23,654,848

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 2: Challenges Encountered by Responding Establishments by Industrial Activity (ISIC R4) Industrial Sector, 2016

ISIC REV 4	Descriptions	Challenges																				
		Number of Establishment	Shortage of customer	Insufficient raw material	High taxes	Insufficient production capacity	Shortage of qualified labour	Lack of equipment	Transport problem	Lack of production area	Inadequate supply of electricity	Economic environment	High cost of production	Financial problem	Foreign currency	Inflation	Depreciation of currency	Illegal imports	Inadequate supply of water	Feasibility study	Other	Total
08	Other mining and quarrying	21	11	12	9	5	1	4	2	2	5	6	8	5	0	1	0	0	0	0	2	21
B	Mining and Quarrying	21	11	12	9	5	1	4	2	2	5	6	8	5	0	1	0	0	0	0	2	21
10	Manufacture of food products	31	17	10	10	7	1	3	2	2	8	5	7	6	0	4	1	0	2	0	2	31
11	Manufacture of beverages	4	1	2	3	2	1	1	0	0	1	1	4	2	1	0	0	0	0	0	0	4
13	Manufacture of textiles	8	8	6	1	2	2	1	2	2	0	0	0	4	0	1	0	0	0	1	0	8
14	Manufacture of wearing apparel	28	24	14	4	9	7	2	2	11	4	3	6	14	1	3	3	1	0	2	0	28
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	3	1	1	2	0	2	3	0	1	0	1	2	1	0	1	1	0	0	0	0	3
18	Printing and reproduction of recorded media	2	2	2	1	0	2	0	1	0	0	0	1	0	0	0	0	0	1	0	0	2
20	Manufacture of chemicals and chemical products	6	3	2	2	1	1	0	1	0	1	1	2	1	0	1	1	1	0	0	1	6
23	Manufacture of other non metallic mineral products	51	27	28	16	11	4	1	10	7	15	10	15	23	0	6	2	1	1	1	3	51
24	Manufacture of basic metals	1	0	0	1	0	0	0	1	1	1	1	1	1	0	1	1	0	0	0	0	1
25	Manufacture of fabricated metal products, except machinery and equipment	11	7	3	4	3	0	1	3	2	5	1	2	5	0	2	1	0	0	0	2	11
30	Manufacture of other transport equipment	5	4	1	0	3	0	0	1	1	0	1	2	2	0	1	0	0	0	0	0	5
31	Manufacture of furniture	23	16	14	8	8	2	4	2	4	5	5	11	14	0	2	1	0	0	0	2	23
32	Other manufacturing	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
C	Manufacturing	174	111	84	53	47	22	16	25	31	40	29	53	74	2	22	11	3	4	4	10	174
Total		195	122	96	62	52	23	20	27	33	45	35	61	79	2	23	11	3	4	4	12	195

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 3: Number of Establishments by Activity and Form of Ownership (ISIC R4), 2016

ISIC REV 4	Descriptions	Form of Ownership					Total
		Individual proprietorship	Partnership	Public	Cooperative	Private limited company	
08	Other mining and quarrying	14	0	1	6	0	21
B	Mining and Quarrying	14	0	1	6	0	21
10	Manufacture of food products	21	1	1	6	2	31
11	Manufacture of beverages	0	0	0	0	4	4
13	Manufacture of textiles	0	0	0	8	0	8
14	Manufacture of wearing apparel	2	3	1	21	1	28
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	2	0	0	1	0	3
18	Printing and reproduction of recorded media	0	1	1	0	0	2
20	Manufacture of chemicals and chemical products	1	0	1	2	2	6
23	Manufacture of other non- metallic mineral products	37	4	0	10	0	51
24	Manufacture of basic metals	1	0	0	0	0	1
25	Manufacture of fabricated metal products, except machinery and equipment	9	2	0	0	0	11
30	Manufacture of other transport equipment	2	0	0	3	0	5
31	Manufacture of furniture	14	1	0	7	1	23
32	Other manufacturing	0	0	0	1	0	1
C	Manufacturing	89	12	4	59	10	174
Total		103	12	5	65	10	195

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 4: Number of Establishments by Activity and Employment Size (ISIC R4), 2016

ISIC REV 4	Descriptions	Persons Engaged						Total
		< 10	10-19	20-49	50-99	100-499	500+	
08	Other mining and quarrying	0	10	11	0	0	0	21
B	Mining and Quarrying	0	10	11	0	0	0	21
10	Manufacture of food products	0	26	2	1	2	0	31
11	Manufacture of beverages	0	0	2	1	1	0	4
13	Manufacture of textiles	0	5	3	0	0	0	8
14	Manufacture of wearing apparel	0	24	3	1	0	0	28
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	0	3	0	0	0	0	3
18	Printing and reproduction of recorded media	0	0	1	1	0	0	2
20	Manufacture of chemicals and chemical products	0	3	2	0	1	0	6
23	Manufacture of other non metallic mineral products	0	41	10	0	0	0	51
24	Manufacture of basic metals	0	1	0	0	0	0	1
25	Manufacture of fabricated metal products, except machinery and equipment	0	11	0	0	0	0	11
30	Manufacture of other transport equipment	0	3	1	1	0	0	5
31	Manufacture of furniture	0	22	1	0	0	0	23
32	Other manufacturing	0	1	0	0	0	0	1
C	Manufacturing	0	140	25	5	4	0	174
Total		0	150	36	5	4	0	195

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 5: Detailed Intermediate Consumption by Industrial Activity (ISIC R4), 2016

TZS ('000')

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					
8	Other mining and quarrying	0	1,061,631	505,492	28,120	19,116	(218,130)	1,832,489
B	Mining and Quarrying	0	1,061,631	505,492	28,120	19,116	(218,130)	1,832,489
10	Manufacture of food products	17,213,285	7,988,340	1,220,034	368,567	1,898,013	(996,319)	29,684,559
11	Manufacture of beverages	76,374	3,028,200	698,419	215,200	196,111	254,427	3,959,876
13	Manufacture of textiles	0	65,500	3,145	350	504	(259)	69,758
14	Manufacture of wearing apparel	0	320,652	18,074	27,888	8,306	(2,095)	377,015
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting material	0	43,200	12,420	4,500	700	200	60,620
18	Printing and reproduction of recorded media	0	1,536,725	89,947	107,723	213,328	582,413	1,365,311
20	Manufacture of chemicals and chemical products	35,120	1,027,210	41,417	46,163	56,565	235,188	971,286
23	Manufacture of other non-metallic mineral products	0	8,469,617	244,544	42,075	27,820	(62,400)	8,846,456
24	Manufacture of basic metals	0	64,876	4,440	100	0	(2,000)	71,416
25	Manufacture of fabricated metal products, except machinery and equipment	0	314,144	142,606	3,750	5,372	(27,578)	493,450
30	Manufacture of other transport equipment	0	340,720	2,400	3,290	1,300	(10,500)	358,210
31	Manufacture of furniture	5,525	778,813	52,289	24,487	17,759	(32,234)	911,107
32	Other manufacturing	0	2,129	1,300	0	1,524	0	4,952
C	Manufacturing	17,330,304	23,980,126	2,531,035	844,093	2,427,302	(61,157)	47,174,016
Total		17,330,304	25,041,757	3,036,527	872,213	2,446,418	(279,287)	49,006,505

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 6: Number of Person Engaged by ISIC (ISIC R4), 2016

ISIC REV 4	Activity of the Establishment	June 30						December 31					
		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
8	Other mining and quarrying	221	188	0	0	221	188	227	196	0	0	227	196
B	Mining and Quarrying	221	188	0	0	221	188	227	196	0	0	227	196
10	Manufacture of food products	735	118	19	0	754	118	755	122	20	1	775	123
11	Manufacture of beverages	153	64	6	0	159	64	153	73	6	0	159	73
13	Manufacture of textiles	25	112	0	0	25	112	25	112	0	0	25	112
14	Manufacture of wearing apparel	97	335	1	0	98	335	111	344	1	0	112	344
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting material	29	0	0	0	29	0	32	0	0	0	32	0
18	Printing and reproduction of recorded media	53	64	4	0	57	64	52	62	5	0	57	62
20	Manufacture of chemicals and chemical products	122	337	1	1	123	338	122	337	1	1	123	338
23	Manufacture of other non-metallic mineral products	533	218	0	0	533	218	539	222	0	0	539	222
24	Manufacture of basic metals	15	0	0	0	15	0	15	0	0	0	15	0
25	Manufacture of fabricated metal products, except machinery and equipment	110	0	0	0	110	0	126	0	0	0	126	0
30	Manufacture of other transport equipment	115	0	0	0	115	0	116	0	0	0	116	0
31	Manufacture of furniture	275	9	0	0	275	9	283	9	0	0	283	9
32	Other manufacturing	17	0	0	0	17	0	17	0	0	0	17	0
C	Manufacturing	2,279	1,257	31	1	2,310	1,258	2,346	1,281	33	2	2,379	1,283
Total		2,500	1,445	31	1	2,531	1,446	2,573	1,477	33	2	2,606	1,479

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 7: Number of Person Engaged by Activity (ISIC R4), 2016

ISIC Rev 4	Activity of the Establishment	Working proprietors and partners		Unpaid workers		Managerial and professional staff		Operatives skilled		Operatives non skilled		Other		Total Persons Engaged	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
8	Other mining and quarrying	51	31	0	0	20	0	107	139	46	26	3	0	227	196
B	Mining and Quarrying	51	31	0	0	20	0	107	139	46	26	3	0	227	196
10	Manufacture of food products	62	29	18	0	33	6	300	56	277	20	85	12	775	123
11	Manufacture of beverages	0	0	0	0	21	5	91	46	40	29	0	0	159	73
13	Manufacture of textiles	22	80	0	0	0	0	3	32	0	0	0	0	25	112
14	Manufacture of wearing apparel	51	217	6	29	7	6	32	49	11	43	5	0	112	344
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	11	0	0	0	2	0	14	0	3	0	2	0	32	0
18	Printing and reproduction of recorded media	0	0	0	0	7	3	17	21	28	38	5	0	57	62
20	Manufacture of chemicals and chemical products	2	22	0	0	3	1	13	16	91	287	14	12	123	338
23	Manufacture of other non-metallic mineral products	47	125	0	0	88	31	309	38	88	28	7	0	539	222
24	Manufacture of basic metals	1	0	0	0	0	0	14	0	0	0	0	0	15	0
25	Manufacture of fabricated metal products, except machinery and equipment	8	0	27	0	37	0	36	0	16	0	2	0	126	0
30	Manufacture of other transport equipment	15	0	3	0	2	0	86	0	10	0	0	0	116	0
31	Manufacture of furniture	73	5	24	1	15	0	158	0	9	0	6	1	283	9
32	Other manufacturing	0	0	0	0	0	0	17	0	0	0	0	0	17	0
C	Manufacturing	292	478	78	30	215	52	1,090	258	573	445	126	25	2,374	1,288
Total		343	509	78	30	235	52	1,197	397	619	471	129	25	2,606	1,479

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 8: Components of Gross Output by Industrial Activity (ISIC R4), 2016

TZS ('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
8	Other mining and quarrying	4,099,825	0	(1,381,830)	5,500	0	0	0	2,723,495
B	Mining and Quarrying	4,099,825	0	(1,381,830)	5,500	0	0	0	2,723,495
10	Manufacture of food products	43,443,492	6,258,200	276,693	196,990	1,885,241	0	1,505,553	50,555,064
11	Manufacture of beverages	2,832,719	5,857,910	4,367	0	0	0	0	8,694,996
13	Manufacture of textiles	95,252	0	(145)	4,225	0	0	0	99,332
14	Manufacture of wearing apparel	1,022,514	0	(21,770)	150,951	1,101	1,700	1,023	1,153,473
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting material	72,000	0	(1,360)	252,990	0	0	0	323,630
18	Printing and reproduction of recorded media	836,265	985,000	(27,209)	0	0	0	0	1,794,057
20	Manufacture of chemicals and chemical products	1,426,624	574,550	(28,936)	42,240	0	0	0	2,014,478
23	Manufacture of other non-metallic mineral products	12,631,396	0	(2,488,657)	15,355	53,300	4,000	43,200	10,172,195
24	Manufacture of basic metals	89,000	0	(700)	100,000	0	0	0	188,300
25	Manufacture of fabricated metal products, except machinery and equipment	1,044,132	0	817	235,102	0	0	0	1,280,051
30	Manufacture of other transport equipment	875,000	0	13,750	21,510	0	0	0	910,260
31	Manufacture of furniture	1,794,620	286,000	(44,312)	42,350	27,000	0	55,800	2,049,858
32	Other manufacturing	15,115	0	15,115	0	0	0	0	30,231
C	Manufacturing	66,178,130	13,961,661	(2,302,346)	1,061,713	1,966,642	5,700	1,605,576	79,265,923
Total		70,277,955	13,961,661	(3,684,176)	1,067,213	1,966,642	5,700	1,605,576	81,989,418

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 9: Stocks Held by Industrial Activity

TZS ('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
8	Other mining and quarrying	300,138	400	1,537,310	0	1,837,848	82,008	2,100	153,780	0	237,888
B	Mining and Quarrying	300,138	400	1,537,310	0	1,837,848	82,008	2,100	153,780	0	237,888
10	Manufacture of food products	7,840,047	765	1,803,416	0	9,644,229	6,843,728	675	2,080,199	0	8,924,602
11	Manufacture of beverages	652,209	0	2,835,300	1,050,000	4,537,510	906,636	0	1,839,667	2,050,000	4,796,303
13	Manufacture of textiles	1,380	375	990	110	2,855	1,121	330	920	80	2,451
14	Manufacture of wearing apparel	22,694	15,576	41,880	7,100	87,250	20,599	14,134	25,567	3,085	63,385
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	500	200	2,200	0	2,900	700	320	720	0	1,740
18	Printing and reproduction of recorded media	214,223	0	59,691	0	273,914	796,636	21,700	10,782	0	829,118
20	Manufacture of chemicals and chemical products	210,224	26,418	594,062	358,142	1,188,847	445,412	32,514	460,440	456,732	1,395,099
23	Manufacture of other non- metallic mineral products	477,202	443,978	2,424,996	19,175	3,365,351	414,802	86,475	310,293	2,725	814,295
24	Manufacture of basic metals	3,500	0	1,000	0	4,500	1,500	0	300	0	1,800
25	Manufacture of fabricated metal products, except machinery and equipment	238,416	8,510	12,310	0	259,236	210,838	7,342	14,295	0	232,475
30	Manufacture of other transport equipment	15,720	19,900	19,000	0	54,620	5,220	26,300	26,350	0	57,870
31	Manufacture of furniture	109,229	49,322	121,000	13,550	293,101	76,995	24,570	85,740	29,250	216,555
32	Other manufacturing	0	0	4,557	0	4,557	0	0	19,672	0	19,672
C	Manufacturing	9,785,344	565,044	7,920,403	1,448,077	19,718,868	9,724,187	214,360	4,874,946	2,541,872	17,355,365
	Total	10,085,482	565,444	9,457,713	1,448,077	21,556,716	9,806,195	216,460	5,028,726	2,541,872	17,593,253

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 10: Production Account by Individual Establishment (ISIC R4), 2016**TZS ('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
8	Other mining and quarrying	21	423	2,723,495	1,832,489	891,006	865,586	9,483	15,938
B	Mining and Quarrying	21	423	2,723,495	1,832,489	891,006	865,586	9,483	15,938
10	Manufacture of food products	31	898	50,555,064	29,684,559	20,870,505	2,635,334	5,717	18,229,454
11	Manufacture of beverages	4	232	8,694,996	3,959,876	4,735,119	1,048,658	40,760	3,645,701
13	Manufacture of textiles	8	137	99,332	69,758	29,574	21,600	0	7,974
14	Manufacture of wearing apparel	28	456	1,153,473	377,015	776,459	125,756	5,987	644,716
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting material	3	32	323,630	60,620	263,010	64,800	950	197,260
18	Printing and reproduction of recorded media	2	119	1,794,057	1,365,311	428,746	804,654	29,990	(405,898)
20	Manufacture of chemicals and chemical products	6	461	2,014,478	971,286	1,043,192	568,291	5,104	469,798
23	Manufacture of other non metallic mineral products	51	761	10,172,195	8,846,456	1,325,739	1,748,849	10,622	(433,732)
24	Manufacture of basic metals	1	15	188,300	71,416	116,884	26,040	140	90,704
25	Manufacture of fabricated metal products, except machinery and equipment	11	126	1,280,051	493,450	786,601	282,300	1,436	502,865
30	Manufacture of other transport equipment	5	116	910,260	358,210	552,050	378,065	556	173,429
31	Manufacture of furniture	23	292	2,049,858	911,107	1,138,751	638,253	5,415	495,083
32	Other manufacturing	1	17	30,231	4,952	25,278	3,721	0	21,557
C	Manufacturing	174	3,662	79,265,923	47,174,015	32,091,908	8,346,321	106,677	23,638,910
Total		195	4,085	81,989,418	49,006,504	32,982,914	9,211,906	116,160	23,654,848

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 11: Principal Indicators by Industrial Activity (ISIC R4), 2016

ISIC REV 4	Descriptions	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	TZS ('000')	
								Compensation of employees	
								Per employee per month	As a percent of VA
8	Other mining and quarrying	21	108	10	33	42,429	2,106	212	97
B	Mining and Quarrying	21	897	15	33	42,429	2,106	212	97
10	Manufacture of food products	31	1,630,809	56,297	41	673,242	23,241	278	13
11	Manufacture of beverages	4	2,173,749	37,478	54	1,183,780	20,410	377	22
13	Manufacture of textiles	8	12,417	725	30	3,697	216	51	73
14	Manufacture of wearing apparel	28	41,195	2,530	67	27,731	1,703	68	16
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting material	3	107,877	10,113	81	87,670	8,219	257	25
18	Printing and reproduction of recorded media	2	897,028	15,076	24	214,373	3,603	563	188
20	Manufacture of chemicals and chemical products	6	335,746	4,370	52	173,865	2,263	108	54
23	Manufacture of other non metallic mineral products	51	199,455	13,367	13	25,995	1,742	247	132
24	Manufacture of basic metals	1	188,300	12,553	62	116,884	7,792	155	22
25	Manufacture of fabricated metal products, except machinery and equipment	11	116,368	10,159	61	71,509	6,243	259	36
30	Manufacture of other transport equipment	5	182,052	7,847	61	110,410	4,759	321	68
31	Manufacture of furniture	23	89,124	7,020	56	49,511	3,900	281	56
32	Other manufacturing	1	30,231	1,778	84	25,278	1,487	18	15
C	Manufacturing	174	6,004,351	179,315	46	184,436	8,764	250	26
Total		195	6,134,041	185,753	47	169,143	8,074	246	28

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 12: Principal Indicators by Industrial Activity (ISIC R4), 2016

TZS ('000')

ISIC REV 4	Activity of the Establishment	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
8	Other mining and quarrying	21	423	11	341	2,723,495	11	891,006	11	865,586	11
B	Mining and Quarrying	21	423	11	341	2,723,495	11	891,006	11	865,586	11
10	Manufacture of food products	31	898	16	789	50,555,064	16	20,870,505	16	2,635,334	16
11	Manufacture of beverages	4	232	2	232	8,694,996	2	4,735,119	2	1,048,658	2
13	Manufacture of textiles	8	137	4	35	99,332	4	29,574	4	21,600	4
14	Manufacture of wearing apparel	28	456	14	153	1,153,473	14	776,459	14	125,756	14
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting mat	3	32	2	21	323,630	2	263,010	2	64,800	2
18	Printing and reproduction of recorded media	2	119	1	119	1,794,057	1	428,746	1	804,654	1
20	Manufacture of chemicals and chemical products	6	461	3	437	2,014,478	3	1,043,192	3	568,291	3
23	Manufacture of other non metallic mineral products	51	761	26	589	10,172,195	26	1,325,739	26	1,748,849	26
24	Manufacture of basic metals	1	15	1	14	188,300	1	116,884	1	26,040	1
25	Manufacture of fabricated metal products, except machinery and equipment	11	126	6	91	1,280,051	6	786,601	6	282,300	6
30	Manufacture of other transport equipment	5	116	3	98	910,260	3	552,050	3	378,065	3
31	Manufacture of furniture	23	292	12	189	2,049,858	12	1,138,751	12	638,253	12
32	Other manufacturing	1	17	1	17	30,231	1	25,278	1	3,721	1
C	Manufacturing	174	3,662	89	2,784	79,265,923	89	32,091,908	89	8,346,321	89
Total		195	4,085	100	3,125	81,989,418	100	32,982,914	100	9,211,906	100

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 13: Principal Indicators by Industrial activity (ISIC R4), 2016

TZS ('000')

ISIC REV 4	Descriptions	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
810	Quarrying of stone, sand and clay	19	387	10	341	2,717,995	10	894,121	10	865,586	10
893	Extraction of salt	2	36	1	0	5,500	1	(3,115)	1	0	1
B	Mining and Quarrying	21	423	11	341	2,723,495	11	891,006	11	865,586	11
1050	Manufacture of dairy products	1	91	1	91	14,976,412	1	1,002,601	1	486,779	1
1061	Manufacture of grain mill products	7	191	4	139	24,877,429	4	11,465,783	4	1,100,836	4
1071	Manufacture of bakery products	20	261	10	235	4,899,218	10	1,113,606	10	613,121	10
1072	Manufacture of sugar	1	315	1	315	7,135,731	1	3,743,393	1	416,598	1
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	1	10	1	9	163,314	1	46,684	1	18,000	1
1080	Manufacture of prepared animal feeds	1	30	1	0	24,980	1	20,460	1	0	1
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	4	232	2	232	8,694,996	2	4,735,119	2	1,048,658	2
1394	Manufacture of cordage, rope, twine and netting	8	137	4	35	99,332	4	29,574	4	21,600	4
1410	Manufacture of wearing apparel, except fur apparel	28	456	14	153	1,153,473	14	776,459	14	125,756	14
1610	Sawmilling and planning of wood	3	32	2	21	323,630	2	263,010	2	64,800	2
1811	Printing	2	119	1	119	1,794,057	1	428,746	1	804,654	1
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	3	48	2	24	662,614	2	278,254	2	63,379	2
2029	Manufacture of other chemical products n.e.c.	3	413	2	413	1,351,864	2	764,938	2	504,911	2
2391	Manufacture of refractory products	4	87	2	52	60,175	2	40,156	2	56,835	2
2392	Manufacture of clay building materials	1	20	1	0	82,800	1	74,160	1	0	1
2395	Manufacture of articles of concrete, cement and plaster	46	654	24	537	10,029,220	24	1,211,423	24	1,692,014	24
2410	Manufacture of basic iron and steel	1	15	1	14	188,300	1	116,884	1	26,040	1
2511	Manufacture of structural metal products	1	10	1	10	105,400	1	50,624	1	31,860	1
2593	Manufacture of cutlery, hand tools and general hardware	1	12	1	0	5,197	1	3,857	1	0	1
2599	Manufacture of other fabricated metal products n.e.c.	9	104	5	81	1,169,454	5	732,120	5	250,440	5
3012	Building of pleasure and sporting boats	5	116	3	98	910,260	3	552,050	3	378,065	3
3100	Manufacture of furniture	23	292	12	189	2,049,858	12	1,138,751	12	638,253	12
3211	Manufacture of jewellery and related articles	1	17	1	17	30,231	1	25,278	1	3,721	1
C	Manufacturing	174	3,662	89	2,784	80,787,944	89	28,613,929	89	8,346,321	89
	Total	195	4,085	100	3,125	83,511,439	100	29,504,935	100	9,211,906	100

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 14: Number of Establishments by Activity and Region (ISIC R4), 2016

ISIC REV 4	Descriptions	Kaskazini Unguja	Kusini Unguja	Mjini Magharibi	Kaskazini Pemba	Kusini Pemba	Total
81	Quarrying of stone, sand and clay	1	12	3	1	2	19
89	Mining and quarrying n.e.c.	0	0	0	1	1	2
B	Mining and Quarrying	1	12	3	2	3	21
105,106	Manufacture of dairy and grain mill products	3	0	2	0	3	8
107,108	Manufacture of other food products and prepared animal feeds	3	1	13	2	4	23
110	Manufacture of beverages	0	3	1	0	0	4
139	Manufacture of other textiles	4	0	0	1	3	8
141	Manufacture of wearing apparel, except fur apparel	6	0	4	3	15	28
161	Sawmilling and planning of wood	1	0	1	1	0	3
181	Printing and service activities related to printing	0	0	2	0	0	2
202	Manufacture of other chemical products	0	0	3	1	2	6
239	Manufacture of non metallic mineral products n.e.c.	13	8	23	0	7	51
241	Manufacture of basic iron and steel	0	0	1	0	0	1
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	0	0	1	0	0	1
259	Manufacture of other fabricated metal products; metalworking service activities	1	0	6	2	1	10
301	Building of ships and boats	3	0	1	0	1	5
310,321	Manufacture of furniture and jewellery, bijouterie and related articles	4	1	12	6	1	24
C	Manufacturing	38	13	70	16	37	174
Total		39	25	73	18	40	195

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table15: Number of Persons engaged by Industrial Activity (ISIC R4), Employment Status and Gender, 2016

Table B: Number of Persons Engaged by Industrial Activity (2010 H1), Employment Status and Gender, 2010																		
ISIC REV 4	Descriptions	Number of Establishment	Working proprietors and partners		Unpaid workers		Managerial and professional staff		Employees						Grand Total person engaged		Total person engaged	
			Male	Female	Male	Female	Male	Female	Operatives skilled		Operatives non skilled		Other					
									Male	Female	Male	Female	Male	Female				
81	Quarrying of stone, sand and clay	19	33	13	0	0	20	0	107	139	46	26	3	0	209	178	387	
89	Mining and quarrying n.e.c.	2	18	18	0	0	0	0	0	0	0	0	0	0	18	18	36	
B	Mining and Quarrying	21	51	31	0	0	20	0	107	139	46	26	3	0	227	196	423	
105,106	Manufacture of dairy and grain mill products	8	34	18	0	0	13	4	61	13	51	20	56	12	215	67	282	
107,108	Manufacture of other food products and prepared animal feeds	23	28	11	18	0	20	2	239	43	226	0	29	0	560	56	616	
110	Manufacture of beverages	4	0	0	0	0	21	5	91	46	40	29	0	0	159	73	232	
139	Manufacture of other textiles	8	22	80	0	0	0	0	3	32	0	0	0	0	25	112	137	
141	Manufacture of wearing apparel, except fur apparel	28	51	217	6	29	7	6	32	49	11	43	5	0	112	344	456	
161	Sawmilling and planning of wood	3	11	0	0	0	2	0	14	0	3	0	2	0	32	0	32	
181	Printing and service activities related to printing	2	0	0	0	0	7	3	17	21	28	38	5	0	57	62	119	
202	Manufacture of other chemical products	6	2	22	0	0	3	1	13	16	91	287	14	12	123	338	461	
239	Manufacture of non metallic mineral products n.e.c.	51	47	125	0	0	88	31	309	38	88	28	7	0	539	222	761	
241	Manufacture of basic iron and steel	1	1	0	0	0	0	0	14	0	0	0	0	0	15	0	15	
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1	0	0	0	0	1	0	6	0	1	0	2	0	10	0	10	
259	Manufacture of other fabricated metal products; metalworking service activities	10	8	0	27	0	36	0	30	0	15	0	0	0	116	0	116	
301	Building of ships and boats	5	15	0	3	0	2	0	86	0	10	0	0	0	116	0	116	
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	24	73	5	24	1	15	0	175	0	9	0	6	1	300	9	309	
C	Manufacturing	174	292	478	78	30	215	52	1,090	258	573	445	126	25	2,374	1,288	3,662	
Total		195	343	509	78	30	235	52	1,197	397	619	471	129	25	2,606	1,479	4,085	

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 16: Number of Establishments by Activity and Origin of Ownership (ISIC R4), 2016

ISIC R4	Descriptions	National	Foreign	Joint	Total
81	Quarrying of stone, sand and clay	19	0	0	19
89	Mining and quarrying n.e.c.	2	0	0	2
B	Mining and Quarrying	21	0	0	21
105,106	Manufacture of dairy and grain mill products	8	0	0	8
107,108	Manufacture of other food products and prepared animal feeds	23	0	0	23
110	Manufacture of beverages	2	1	1	4
139	Manufacture of other textiles	8	0	0	8
141	Manufacture of wearing apparel, except fur apparel	26	1	1	28
161	Sawmilling and planning of wood	3	0	0	3
181	Printing and service activities related to printing	1	0	1	2
202	Manufacture of other chemical products	5	1	0	6
239	Manufacture of non metallic mineral products n.e.c.	51	0	0	51
241	Manufacture of basic iron and steel	1	0	0	1
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1	0	0	1
259	Manufacture of other fabricated metal products; metalworking service activities	10	0	0	10
301	Building of ships and boats	5	0	0	5
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	23	1	0	24
C	Manufacturing	167	4	3	174
Total		188	4	3	195

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 16b: Number of Persons Engaged by Industrial Activity (ISIC R4) and Origin of Ownership (ISIC R4), 2016

ISIC R4	Descriptions	Persons Engaged			Total
		National	Foreign	Joint	
81	Quarrying of stone, sand and clay	387	0	0	387
89	Mining and quarrying n.e.c.	36	0	0	36
B	Mining and Quarrying	423	0	0	423
105,106	Manufacture of dairy and grain mill products	282	0	0	282
107,108	Manufacture of other food products and prepared animal feeds	616	0	0	616
110	Manufacture of beverages	144	65	23	232
139	Manufacture of other textiles	137	0	0	137
141	Manufacture of wearing apparel, except fur apparel	381	65	10	456
161	Sawmilling and planing of wood	32	0	0	32
181	Printing and service activities related to printing	96	0	23	119
202	Manufacture of other chemical products	450	11	0	461
239	Manufacture of non metallic mineral products n.e.c.	761	0	0	761
241	Manufacture of basic iron and steel	15	0	0	15
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	10	0	0	10
259	Manufacture of other fabricated metal products; metalworking service activities	116	0	0	116
301	Building of ships and boats	116	0	0	116
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	295	14	0	309
C	Manufacturing	3,451	155	56	3,662
Total		3,874	155	56	4,085

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 17: Number of Establishments by Activity and Form of Ownership (ISIC R4), 2016

ISIC R4	Descriptions	Form of ownership					Total
		Individual proprietorship	Partnership	Public	Cooperative	Private limited company	
81	Quarrying of stone, sand and clay	14	0	1	4	0	19
89	Mining and quarrying n.e.c.	0	0	0	2	0	2
B	Mining and Quarrying	14	0	1	6	0	21
105,106	Manufacture of dairy and grain mill products	1	0	0	5	2	8
107,108	Manufacture of other food products and prepared animal feeds	20	1	1	1	0	23
110	Manufacture of beverages	0	0	0	0	4	4
139	Manufacture of other textiles	0	0	0	8	0	8
141	Manufacture of wearing apparel, except fur apparel	2	3	1	21	1	28
161	Sawmilling and planing of wood	2	0	0	1	0	3
181	Printing and service activities related to printing	0	1	1	0	0	2
202	Manufacture of other chemical products	1	0	1	2	2	6
239	Manufacture of non metallic mineral products n.e.c.	37	4	0	10	0	51
241	Manufacture of basic iron and steel	1	0	0	0	0	1
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	0	1	0	0	0	1
259	Manufacture of other fabricated metal products; metalworking service activities	9	1	0	0	0	10
301	Building of ships and boats	2	0	0	3	0	5
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	14	1	0	8	1	24
C	Manufacturing	89	12	4	59	10	174
Total		103	12	5	65	10	195

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 18: Number of Persons Engaged by Size and Industrial Group (ISIC R4), 2016

ISIC REV 4	Descriptions	Persons engaged				
		10 -19	20 - 49	50 - 99	100 - 499	Total
081	Quarrying of stone, sand and clay	124	263	0	0	387
089	Mining and quarrying n.e.c.	16	20	0	0	36
B	Mining and Quarrying	140	283	0	0	423
105,106	Manufacture of dairy and grain mill products	79	0	91	112	282
107,108	Manufacture of other food products and prepared animal feeds	241	60	0	315	616
110	Manufacture of beverages	0	63	65	104	232
139	Manufacture of other textiles	62	75	0	0	137
141	Manufacture of wearing apparel, except fur apparel	316	75	65	0	456
161	Sawmilling and planing of wood	32	0	0	0	32
181	Printing and service activities related to printing	0	23	96	0	119
202	Manufacture of other chemical products	36	57	0	368	461
239	Manufacture of non metallic mineral products n.e.c.	500	261	0	0	761
241	Manufacture of basic iron and steel	15	0	0	0	15
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	10	0	0	0	10
259	Manufacture of other fabricated metal products; metalworking service activities	116	0	0	0	116
301	Building of ships and boats	36	20	60	0	116
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	283	26	0	0	309
C	Manufacturing	1,726	660	377	899	3,662
Total		1,866	943	377	899	4,085

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 19: Number of 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	15	0	1	2	1	19
089	Mining and quarrying n.e.c.	2	0	0	0	0	2
B	Mining and Quarrying	17	0	1	2	1	21
105,106	Manufacture of dairy and grain mill products	2	1	2	3	0	8
107,108	Manufacture of other food products and prepared animal feeds	22	0	0	1	0	23
110	Manufacture of beverages	3	1	0	0	0	4
139	Manufacture of other textiles	6	0	0	2	0	8
141	Manufacture of wearing apparel, except fur apparel	27	0	0	0	1	28
161	Sawmilling and planning of wood	3	0	0	0	0	3
181	Printing and service activities related to printing	1	0	1	0	0	2
202	Manufacture of other chemical products	5	0	0	0	1	6
239	Manufacture of non metallic mineral products n.e.c.	44	2	2	3	0	51
241	Manufacture of basic iron and steel	1	0	0	0	0	1
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1	0	0	0	0	1
259	Manufacture of other fabricated metal products; metalworking service activities	10	0	0	0	0	10
301	Building of ships and boats	4	1	0	0	0	5
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	22	0	0	1	1	24
C	Manufacturing	151	5	5	10	3	174
	Total	168	5	6	12	4	195

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 20: Number of Establishments by Employment Size and Region

Region	Person Engaged				Total
	10-19	20-49	50-99	100-499	
Kaskazini Unguja	31	7	0	1	39
Kusini Unguja	12	12	1	0	25
Mjini Magharibi	63	4	4	2	73
Kaskazini Pemba	15	2	0	1	18
Kusini Pemba	29	11	0	0	40
Total	150	36	5	4	195

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

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

Person Engaged	Origin of Ownership			Total
	National	Foreign	Joint	
10-19	147	2	1	150
20-49	34	0	2	36
50-99	3	2	0	5
100-499	4	0	0	4
Total	188	4	3	195

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 22: Number of Establishments by Employment Size and Type of Legal Organization

Person Engaged	Form of Ownership					Total
	Individual proprietorship	Partnership	Public	Cooperative	Private limited company	
10-19	92	10	0	45	3	150
20-49	11	2	2	19	2	36
50-99	0	0	2	1	2	5
100-499	0	0	1	0	3	4
Total	103	12	5	65	10	195

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

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

Person Engaged	Source of Finance					Total
	Personal and Relatives	Loans	Government	Other Source	Missing	
10-19	133	4	4	8	1	150
20-49	29	1	1	3	2	36
50-99	2	0	1	1	1	5
100-499	4	0	0	0	0	4
Total	168	5	6	12	4	195

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 24: Number of Establishment by Activity and Year Started Operation (ISIC R4), 2016

ISIC REV 4	Descriptions	Year Establishment Started					Total
		Below 1990	1990 -1994	1995 -1999	2000 - 2004	2005+	
081	Quarrying of stone, sand and clay	1	1	1	1	15	19
089	Mining and Quarrying n.e.c.	0	0	1	0	1	2
B	Mining and Quarrying	1	1	2	1	16	21
105,106	Manufacture of dairy and grain mill products	1	1	0	2	4	8
107,108	Manufacture of other food products and prepared animal feeds	2	2	0	8	11	23
107	Manufacture of other food products	2	2	0	7	11	22
108	Manufacture of prepared animal feeds	0	0	0	1	0	1
110	Manufacture of beverages	0	0	0	2	2	4
139	Manufacture of other textiles	0	0	0	1	7	8
141	Manufacture of wearing apparel, except fur apparel	0	1	0	4	23	28
161	Sawmilling and planning of wood	0	0	0	1	2	3
181	Printing and service activities related to printing	1	0	1	0	0	2
202	Manufacture of other chemical products	1	0	0	0	5	6
239	Manufacture of non metallic mineral products n.e.c.	0	1	4	7	39	51
241	Manufacture of basic iron and steel	0	0	1	0	0	1
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	0	0	0	0	1	1
259	Manufacture of other fabricated metal products; metalworking service activities	2	1	1	2	4	10
301	Building of ships and boats	0	2	0	2	1	5
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	3	6	3	3	9	24
C	Manufacturing	10	14	10	32	108	174
Total		11	15	12	33	124	195

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 25: Evolution in Person Engaged by Activity, June to December (ISIC R4), 2016

ISIC REV 4	Descriptions	June			December		
		Male	Female	Total	Male	Female	Total
081	Quarrying of stone, sand and clay	203	170	373	209	178	387
089	Mining and quarrying n.e.c.	18	18	36	18	18	36
B	Mining and Quarrying	221	188	409	227	196	423
105,106	Manufacture of dairy and grain mill products	202	62	264	215	67	282
107,108	Manufacture of other food products and prepared animal feeds	552	56	608	560	56	616
110	Manufacture of beverages	159	64	223	159	73	232
139	Manufacture of other textiles	25	112	137	25	112	137
141	Manufacture of wearing apparel, except fur apparel	98	335	433	112	344	456
161	Sawmilling and planing of wood	29	0	29	32	0	32
181	Printing and service activities related to printing	57	64	121	57	62	119
202	Manufacture of other chemical products	123	338	461	123	338	461
239	Manufacture of non metallic mineral products n.e.c.	533	218	751	539	222	761
241	Manufacture of basic iron and steel	15	0	15	15	0	15
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	10	0	10	10	0	10
259	Manufacture of other fabricated metal products; metal working service activities	100	0	100	116	0	116
301	Building of ships and boats	115	0	115	116	0	116
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	292	9	301	300	9	309
C	Manufacturing	2,310	1,258	3,568	2,379	1,283	3,662
Total		2,531	1,446	3,977	2,606	1,479	4,085

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 26a: Production Account by Individual Establishment (ISIC R4), 2016

TZS ('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	19	387	2,717,995	1,823,874	894,121	865,586	9,483	19,053
089	Mining and quarrying n.e.c.	2	36	5,500	8,615	(3,115)	0	0	(3,115)
B	Mining and Quarrying	21	423	2,723,495	1,832,489	891,006	865,586	9,483	15,938
105,106	Manufacture of dairy and grain mill products	8	282	38,331,820	22,385,458	15,946,362	1,587,615	2,975	14,355,772
107,108	Manufacture of other food products and prepared animal feeds	23	616	12,223,243	7,299,101	4,924,143	1,047,719	2,742	3,873,682
110	Manufacture of beverages	4	232	8,694,996	3,959,876	4,735,119	1,048,658	40,760	3,645,701
139	Manufacture of other textiles	8	137	99,332	69,758	29,574	21,600	0	7,974
141	Manufacture of wearing apparel, except fur apparel	28	456	1,153,473	377,015	776,459	125,756	5,987	644,716
161	Sawmilling and planning of wood	3	32	323,630	60,620	263,010	64,800	950	197,260
181	Printing and service activities related to printing	2	119	1,794,057	1,365,311	428,746	804,654	29,990	(405,898)
202	Manufacture of other chemical products	6	461	2,014,478	971,286	1,043,192	568,291	5,104	469,798
239	Manufacture of non metallic mineral products n.e.c.	51	761	10,172,195	8,846,456	1,325,739	1,748,849	10,622	(433,732)
241	Manufacture of basic iron and steel	1	15	188,300	71,416	116,884	26,040	140	90,704
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1	10	105,400	54,776	50,624	31,860	250	18,514
259	Manufacture of other fabricated metal products; metalworking service activities	10	116	1,174,651	438,674	735,977	250,440	1,186	484,351
301	Building of ships and boats	5	116	910,260	358,210	552,050	378,065	556	173,429
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	24	309	2,080,089	916,059	1,164,029	641,974	5,415	516,640
C	Manufacturing	174	3,662	79,265,923	47,174,015	32,091,908	8,346,321	106,677	23,638,910
Total		195	4,085	81,989,418	49,006,504	32,982,914	9,211,906	116,160	23,654,848

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 26b: Production Account by Region (ISIC R4), 2016**TZS ('000')**

Region	Number of Establishment	Persons Engaged	Gross Output	Intermediate Consumption	Value Added (Basic prices)	Compensation of Employees	Taxes on Production Less subsidies	Gross Operating Surplus
Kaskazini Unguja	39	848	12,090,395	6,709,123	5,381,273	1,454,998	3,373	3,922,901
Kusini Unguja	25	572	9,163,934	6,289,951	2,873,984	1,609,922	44,593	1,219,468
Mjini Magharibi	73	1,402	55,926,032	33,903,215	22,022,816	5,387,557	66,114	16,569,145
Kaskazini Pemba	18	600	1,103,718	835,389	268,329	202,500	1,095	64,734
Kusini Pemba	40	663	3,705,338	1,268,825	2,436,513	556,929	985	1,878,599
Total	195	4,085	81,989,418	49,006,504	32,982,914	9,211,906	116,160	23,654,848

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 27a: Principal Indicators by Industrial Activity (ISIC R4), 2016

ISIC REV 4	Descriptions	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	TZS ('000')	
								Compensation of Employees	
								Per employee per month	As a percent of VA
081	Quarrying of stone, sand and clay	19	143,052	7,023	33	47,059	2,310	212	97
089	Mining and quarrying n.e.c.	2	2,750	153	(57)	(1,558)	(87)	0	0
B	Mining and Quarrying	21	129,690	6,439	33	42,429	2,106	212	97
105,106	Manufacture of dairy and grain mill products	8	4,791,478	135,928	42	1,993,295	56,547	575	10
107,108	Manufacture of other food products and prepared animal feeds	23	531,445	19,843	40	214,093	7,994	156	21
110	Manufacture of beverages	4	2,173,749	37,478	54	1,183,780	20,410	377	22
139	Manufacture of other textiles	8	12,417	725	30	3,697	216	51	73
141	Manufacture of wearing apparel, except fur apparel	28	41,195	2,530	67	27,731	1,703	68	16
161	Sawmilling and planning of wood	3	107,877	10,113	81	87,670	8,219	257	25
181	Printing and service activities related to printing	2	897,028	15,076	24	214,373	3,603	563	188
202	Manufacture of other chemical products	6	335,746	4,370	52	173,865	2,263	108	54
239	Manufacture of non metallic mineral products n.e.c.	51	199,455	13,367	13	25,995	1,742	247	132
241	Manufacture of basic iron and steel	1	188,300	12,553	62	116,884	7,792	155	22
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1	105,400	10,540	48	50,624	5,062	266	63
259	Manufacture of other fabricated metal products; metalworking service activities	10	117,465	10,126	63	73,598	6,345	258	34
301	Building of ships and boats	5	182,052	7,847	61	110,410	4,759	321	68
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	24	86,670	6,732	56	48,501	3,767	260	55
C	Manufacturing	174	455,551	21,646	41	184,436	8,764	250	26
	Total	195	420,459	20,071	40	169,143	8,074	246	28

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 27b: Principal Indicators by Industrial Activity (ISIC R4), 2016

ISIC REV 4	Descriptions	Number of Establishment	Total persons 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	19	387	10	341	2,717,995	10	894,121	10	865,586	10
089	Mining and quarrying n.e.c.	2	36	1	0	5,500	1	(3,115)	1	0	1
B	Mining and Quarrying	21	423	11	341	2,723,495	11	891,006	11	865,586	11
105,106	Manufacture of dairy and grain mill products	8	282	4	230	38,331,820	4	15,946,362	4	1,587,615	4
107,108	Manufacture of other food products and prepared animal feeds	23	616	12	559	12,223,243	12	4,924,143	12	1,047,719	12
110	Manufacture of beverages	4	232	2	232	8,694,996	2	4,735,119	2	1,048,658	2
139	Manufacture of other textiles	8	137	4	35	99,332	4	29,574	4	21,600	4
141	Manufacture of wearing apparel, except fur apparel	28	456	14	153	1,153,473	14	776,459	14	125,756	14
161	Sawmilling and planing of wood	3	32	2	21	323,630	2	263,010	2	64,800	2
181	Printing and service activities related to printing	2	119	1	119	1,794,057	1	428,746	1	804,654	1
202	Manufacture of other chemical products	6	461	3	437	2,014,478	3	1,043,192	3	568,291	3
239	Manufacture of non metallic mineral products n.e.c.	51	761	26	589	10,172,195	26	1,325,739	26	1,748,849	26
241	Manufacture of basic iron and steel	1	15	1	14	188,300	1	116,884	1	26,040	1
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1	10	1	10	105,400	1	50,624	1	31,860	1
259	Manufacture of other fabricated metal products; metalworking service activities	10	116	5	81	1,174,651	5	735,977	5	250,440	5
301	Building of ships and boats	5	116	3	98	910,260	3	552,050	3	378,065	3
310, 321	Manufacture of furniture and jewellery, bijouterie and related articles	24	309	12	206	2,080,089	12	1,164,029	12	641,974	12
C	Manufacturing	174	3,662	89	2,784	79,265,923	89	32,091,908	89	8,346,321	89
Total		195	4,085	100	3,125	81,989,418	100	32,982,914	100	9,211,906	100

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 28: Detailed Intermediate Consumption by Industrial Activity (ISIC R4), 2016

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	0	1,060,611	497,917	28,120	19,116	(218,110)	1,823,874
089	Mining and Quarrying n.e.c.	0	1,020	7,575	0	0	(20)	,8615
B	Mining and Quarrying	0	1,061,631	505,492	28,120	19,116	(218130)	1,832,489
105,106	Manufacture of dairy and grain mill products	17,213,285	898,496	928,819	359,441	1,709,500	(1,275,918)	22,385,458
107,108	Manufacture of other food products and prepared animal feeds	0.00	7,089,844	291,216	9,126	188,513	279,598	7,299,101
110	Manufacture of beverages	76,374	3,028,200	698,419	215,200	196,111	254,427	3,959,876
139	Manufacture of other textiles	0	65,500	3,145	350	504	(259)	69,758
141	Manufacture of wearing apparel, except fur apparel	0	320,652	18,074	27,888	8,306	(2,095)	377,015
161	Sawmilling and planning of wood	0	43,200	12,420	4,500	700	200	60,620
181	Printing and service activities related to printing	0	1,536,725	89,947	107,723	213,328	582,413	1,365,311
202	Manufacture of other chemical products	35,120	1,027,210	41,417	46,163	56,565	235,188	971,286
239	Manufacture of non metallic mineral products n.e.c.	0	8,469,617	244,544	42,075	27,820	(62400)	8,846,456
241	Manufacture of basic iron and steel	0	64,876	4,440	100	0	(2,000)	71,416
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	0	38,700	6,840	500	3,736	(5,000)	54,776
259	Manufacture of other fabricated metal products; metalworking service activities	0	275,444	135,766	3,250	1,636	(22,578)	438,674
301	Building of ships and boats	0	340,720	2,400	3,290	1,300	(10,500)	358,210
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	5,525	780,941	53,589	24,487.00	19,283	(32,234)	916,060
C	Manufacturing	17,330,304	23,980,126	2,531,035	844,093	2,427,301	(61,157)	47,174,015
Total		17,330,304	25,041,757	3,036,527	872,213	2,446,417	(279,287)	49,006,504

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 29: Raw Materials Purchased by Product Category and Origin, 2016 TZS ('000')

CPC CODE	Descriptions	Imported Value	Local Value	Total
0	Missing	0	7,613	7,613
1111	Wheat, seed	12,891,000	0	12,891,000
1913	Cereal straw, husks, unprepared, ground, pressed, or in the form of pellets	0	480	480
15120	Marble and other calcareous monumental or building stone	0	1,070,460	1,070,460
15130	Granite, sandstone and other monumental or building stone	0	4,207,880	4,207,880
15200	Gypsum; anhydrite; limestone flux; limestone and other calcareous stone, of a kind used for the manufacture of lime or c	0	250,088	250,088
15320	Pebbles, gravel, broken or crushed stone, macadam; granules, chippings and powder of stone	0	139,960	139,960
15400	Clays	0	1,872	1,872
16200	Salt and pure sodium chloride; sea water	0	22,720	22,720
21421	Groundnuts, shelled	0	3,600	3,600
21429	Other shelled nuts	0	1,430	1,430
21549	Other vegetable oils, refined, n.e.c.	0	102,302	102,302
22120	Cream, fresh	0	12	12
23110	Wheat and meslin flour	0	3,189,500	3,189,500
23120	Other cereal flours	0	41	41
23511	Cane sugar	0	1,657,833	1,657,833
23924	Anise, badian, coriander, cumin, caraway, fennel and juniper berries, processed	0	31,500	31,500
23925	Cinnamon (canella), processed	0	36,000	36,000
23926	Cloves (whole stems), processed	0	3,500	3,500
23996	Yeasts (active or inactive); other single-cell micro-organisms, dead; prepared baking powders	0	35,341	35,341
24410	Bottled waters, not sweetened or flavoured	32,000	0	32,000
26350	Cotton sewing thread	0	5,401	5,401
27150	Sacks and bags, of a kind used for the packing of goods	0	208	208
27290	Other carpets and textile floor coverings (including those of felt)	0	6	6
27310	Twine, cordage, rope and cables	0	4,867	4,867
28224	Women's or girls' blouses, shirts, petticoats, panties, nightdresses, dressing gowns and similar articles, knitted or cr	0	0	0
28238	Handkerchiefs, shawls, scarves, veils, ties, cravats, gloves and other made-up clothing accessories, of textile fabric,	0	298,569	298,569
31310	Wood in the rough, treated with paint, stains, creosote or other preservatives	5,525	879,526	885,051
31330	Other wood in the rough (including split poles and pickets)	0	113,200	113,200
31410	Plywood consisting solely of sheets of wood, except of bamboo	0	27,316	27,316
31700	Packing cases, boxes, crates, drums and similar pickings, of wood; cable-drums of wood; pallets, box pallets and other l	1,961,810	843,624	2,805,434
32129	Other uncoated paper and paperboard, of a kind used for writing, printing or other graphic purposes, and punch card stock	0	291,700	291,700
32700	Registers, account books, notebooks, letter pads, diaries and similar articles, blotting-pads, binders, file covers, for	0	115,200	115,200

CPC CODE	Descriptions	Imported Value	Local Value	Total
34139	Other alcohols, phenols, phenol-alcohols, and their halogenated, sulphonated, nitrated or nitro sated derivatives; industry	0	101,003	101,003
34510	Wood charcoal	0	63,000	63,000
34550	Animal or vegetable fats and oils and their fractions, chemically modified, except those hydrogenated, inter-esterifies,	0	391,452	391,452
35130	Printing ink	0	545,694	545,694
35321	Soap; organic surface-active products and preparations for use as soap; paper, wadding, felt and nonwovens, impregnated,	0	500	500
35333	Polishes and creams, for footwear, furniture, floors, coachwork, glass or metal	0	8,592	8,592
35334	Scouring pastes and powders and other scouring preparations	0	740	740
35420	Glues and gelatine, peptones and their derivatives, and related products; castigates and other casein derivatives; album	0	10,729	10,729
36320	Tubes, pipes and hoses, and fittings therefore, of plastics	0	45,860	45,860
36390	Other plates, sheets, film, foil and strip, of plastics	0	106,610	106,610
36490	Other articles for the conveyance or packing of goods, of plastics; stoppers, lids, caps and other closures, of plastics	0	2,501,523	2,501,523
37114	Glass in sheets, bent, edge-worked, engraved, drilled, enamelled or otherwise worked, but not framed, etc.	0	5,340	5,340
37116	Glass mirrors; multiple walled insulating units of glass	0	10,200	10,200
37191	Bottles, jars, phials and other containers, of glass, of a kind used for the conveyance or packing of goods, except ampo	76,374	143,899	220,272
37310	Bricks, blocks, tiles and other ceramic goods of siliceous earths	0	960	960
37350	Non-refractory ceramic building bricks, flooring blocks, support or filler tiles, roofing tiles, chimney-pots, cowl	0	5	5
37440	Portland cement, aluminous cement, slag cement and similar hydraulic cements, except in the form of clinkers	0	3,750,162	3,750,162
37690	Other worked monumental or building stone and articles thereof; other artificially coloured granules, chippings and powder	0	23,431	23,431
38130	Other wooden furniture, of a kind used in the kitchen	0	5,500	5,500
38160	Parts of furniture	0	3,600	3,600
38240	Jewellery and other articles of precious metal or of metal clad with precious metal; articles of natural or cultured pearl	0	2,129	2,129
38993	Brooms, brushes, hand-operated mechanical floor sweepers (not motorized), mops and feather dusters; prepared knots and t	0	34,575	34,575
39120	Bran and other residues from the working of cereals or legumes; vegetable materials and vegetable waste, vegetable residue	0	3,480	3,480
39310	Slag, dross, scaling and other waste from the manufacture of iron or steel	0	20,360	20,360
41261	Bars and rods, cold-formed, cold-finished or further worked, of iron or non-alloy steel	0	109,720	109,720
41263	Wire of iron or non-alloy steel	0	9,245	9,245
41532	Bars, rods and profiles, of aluminium	0	864	864
41534	Plates, sheets and strip, of aluminium, of a thickness exceeding 0.2 mm	0	60,200	60,200
42911	Sinks, wash-basins, baths and other sanitary ware and parts thereof, of iron, steel, copper or aluminium	0	144	144
42921	Hand tools (including hand tools of a kind used in agriculture, horticulture or forestry, hand saws, files, pliers and m	0	2,675	2,675

CPC CODE	Descriptions	Imported Value	Local Value	Total
42922	Interchangeable tools for hand tools or for machine tools, including dies for drawing or extruding metal, and rock drill	0	11,100	11,100
42931	Tanks, casks, drums, cans, boxes and similar containers (other than for compressed or liquefied gas) of iron, steel or a	3,120	0	3,120
42944	Nails, tacks, staples (except staples in strips), screws, bolts, nuts, screw hooks, rivets, cotters, cotter-pins, washer	0	21,402	21,402
42950	Wire, rods, tubes, plates, electrodes and similar products, of base metal or of metal carbides, coated or cored with flu	0	7,200	7,200
42992	Padlocks and locks, of base metal; clasps and frames with clasps, incorporating locks, of base metal; keys and parts the	0	1,480	1,480
42993	Armoured or reinforced safes, strong-boxes and doors and safe deposit lockers for strong-rooms, cash or deed boxes and t	0	250	250
42995	Fittings for loose-leaf binders or files; letter clips, letter corners, paper clips, indexing tags and similar office	0	12,126	12,126
42997	Sewing needles, knitting needles, bodkins, crochet hooks, embroidery stiletos and similar articles, for use in the hand	0	191	191
44222	Machine-tools for working wood, cork, bone, hard rubber, hard plastics or similar hard materials; presses for the manufacture	0	13,268	13,268
44621	Sewing machines, except book sewing machines and household sewing machines	0	1,100	1,100
44821	Cooking appliances and plate warmers, non-electric, domestic, of iron or steel	0	45	45
53262	Power plants	0	2,124	2,124
87390	Installation services of other goods n.e.c.	0	60	60
88427	Other chemical products manufacturing services n.e.c.	0	144,000	144,000
88429	Man-made fibre manufacturing services	0	52,056	52,056
88533	Clay building material manufacturing services	0	23,886	23,886
88774	Mining, quarrying and construction machinery manufacturing services	0	55,000	55,000
89121	Printing services	0	457,013	457,013
99998	Other	2,360,476	2,935,516	5,295,991
Total		17,330,304	25,041,757	42,372,060

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 30: Net Investment and Value of Fixed Assets at the End of the Year by Industrial Activity (ISIC R4), 2016 TZS ('000')

ISIC REV.4	Description	Land		Buildings and other construction works		Transport equipment		Machinery and other equipment		Other		Total		Total: G.F.C.F	Total Value of fixed Assets
		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	0	140,600	0	838,664	0	348,638	22,500	870,800	0	473	22,500	2,199,174	22,500	2,199,174
089	Mining and quarrying n.e.c.	0	0	0	1,152	0	0	0	0	0	0	0	1,152	0	1,152
B	Mining and Quarrying	0	140,600	0	839,816	0	348,638	22,500	870,800	0	473	22,500	2,200,326	22,500	2,200,326
105, 106	Manufacture of dairy products	0	8,096,065	0	431,354	0	15,626,160	0	270,046	0	0	0	0	0	24,423,625
107,108	Manufacture of other food products	0	38,400	2,000	33,282,900	12,000	90,255	278,300	8,589,865	893,050	1,713,001	1,185,350	43,714,421	1,185,350	43,714,421
110	Manufacture of beverages	0	0	30,000	665,564	3,475	111,000	0	823,677	8,285	16,792	41,760	1,617,033	41,760	1,617,033
139	Manufacture of other textiles	0	0	0	10,368	0	0	0	1,041	0	26	0	11,436	0	11,436
141	Manufacture of wearing apparel, except fur apparel	0	11,520	0	25,440	0	12,750	732	108,398	172	4,988	904	147,584	904	163,096
161	Sawmilling and planning of wood	0	0	0	410,800	0	11,250	0	68,000	0	875	0	490,925	0	490,925
181	Printing and service activities related to printing	0	150,000	0	1,980,859	(27,000)	32,300	(345,750)	12,629,200	(27,500)	880	(400,250)	14,793,239	(400,250)	14,793,239
202	Manufacture of other chemical products	0	192,226	0	865,579	5,327	145,081	25,913	282,813	0	7,563	31,240	1,493,262	31,240	1,493,262
239	Manufacture of non metallic mineral products n.e.c.	0	769,038	0	321,082	0	415,350	1,700	526,985	0	40,050	1,700	2,072,505	1,700	2,072,505
241	Manufacture of basic iron and steel	0	0	0	57,600	0	0	0	2,550	0	0	0	60,150	0	77,050
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	0	0	0	0	0	5,250	0	21,250	0	2,188	0	28,688	0	28,688
259	Manufacture of other fabricated metal products; metalworking service activities	35,000	55,000	1,500	31,740	50	2,263	0	34,028	0	175	36,550	123,206	36,550	123,206
301	Building of ships and boats	0	96,000	0	1,200	0	0	0	9,478	0	0	0	106,678	0	106,678
310,321	Manufacture of furniture, Manufacture of jewellery, bijouterie and related articles	0	57,600	0	314,971	0	1,719	45	147,526	0	1,131	45	522,947	45	522,947
C	Manufacturing	35,000	9,465,849	33,500	38,399,457	(6,149)	16,453,377	(39,060)	23,514,856	874,007	1,787,669	897,298	65,267,187	897,298	89,638,108
	Total	35,000	9,606,449	33,500	39,239,273	(6,149)	16,802,015	(16,560)	24,385,656	874,007	1,788,141	919,798	67,467,513	919,798	91,838,434

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 31a: Change in Stock by ISIC (ISIC R4), 2016

TZS ('000')

ISIC REV 4	Descriptions	Materials, Supplies and fuel	Work in Progress	Finished Product	Good Purchased for resale	Total
081	Quarrying of stone, sand and clay	(218,110)	1,800	(1,383,730)	0	2,073,415
089	Mining and quarrying n.e.c.	(20)	(100)	200	0	2,320
B	Mining and Quarrying	(218,130)	1,700	(1,383,530)	0	2,075,735
105,106	Manufacture of dairy and grain mill products	(1,275,918)	0	(760,861)	0	14,045,919
107,108	Manufacture of other food products and prepared animal feeds	279,598	(90)	1,037,643	0	4,522,911
110	Manufacture of beverages	254,427	0	(995,633)	1,000,000	9,333,813
139	Manufacture of other textiles	(259)	(45)	(70)	(30)	5,306
141	Manufacture of wearing apparel, except fur apparel	(2,095)	(1,442)	(16,313)	(4,015)	150,634
161	Sawmilling and planing of wood	200	120	(1,480)	0	4,640
181	Printing and service activities related to printing	582,413	21,700	(48,909)	0	1,103,032
202	Manufacture of other chemical products	235,188	6,096	(133,622)	98,590	2,583,946
239	Manufacture of non metallic mineral products n.e.c.	(62,400)	(357,503)	(2,114,703)	(16,450)	4,179,646
241	Manufacture of basic iron and steel	(2,000)	0	(700)	0	6,300
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	(5,000)	(1,100)	0	0	39,300
259	Manufacture of other fabricated metal products; metalworking service activities	(22,578)	(68)	1,985	0	452,411
301	Building of ships and boats	(10,500)	6,400	7,350	0	112,490
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	(32,234)	(24,752)	(20,145)	15,700	533,885
C	Manufacturing	(61,157)	(350,684)	(3,045,457)	1,093,795	37,074,233
	Total	(279,287)	(348,984)	(4,428,987)	1,093,795	39,149,969

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 31b: Stocks Held by Industrial Activity, 2016

							TZS ('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
081	Quarrying of stone, sand and clay	300,018	0	1,536,710	0	1,836,728	81,908	1,800	152,980	0	236,688
089	Mining and Quarrying n.e.c.	120	400	600	0	1,120	100	300	800	0	1,200
B	Mining and Quarrying	300,138	400	1,537,310	0	1,837,848	82,008	2,100	153,780	0	237,888
105,106	Manufacture of dairy and grain mill products	6,248,465	0	1,792,883	0	8,041,349	4,972,548	0	1,032,023	0	6,004,571
107,108	Manufacture of other food products and prepared animal feeds	1,591,582	765	10,533	0	1,602,880	1,871,180	675	1,048,176	0	2,920,032
110	Manufacture of beverages	22,694	15,576	41,880	7,100	87,250	20,599	14,134	25,567	3,085	63,385
139	Manufacture of other textiles	500	200	2,200	0	2,900	700	320	720	0	1,740
141	Manufacture of wearing apparel, except fur apparel	214,223	0	59,691	0	273,914	796,636	21,700	10,782	0	829,118
161	Sawmilling and planning of wood	210,224	26,418	594,062	358,142	1,188,847	445,412	32,514	460,440	456,732	1,395,099
181	Printing and service activities related to printing	477,202	443,978	2,424,996	19,175	3,365,351	414,802	86,475	310,293	2,725	814,295
202	Manufacture of other chemical products	3,500	0	1,000	0	4,500	1,500	0	300	0	1,800
239	Manufacture of non metallic mineral products n.e.c.	18,000	4,700	0	0	22,700	13,000	3,600	0	0	16,600
241	Manufacture of basic iron and steel	220,416	3,810	12,310	0	236,536	197,838	3,742	14,295	0	215,875
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	15,720	19,900	19,000	0	54,620	5,220	26,300	26,350	0	57,870
259	Manufacture of other fabricated metal products; metalworking service activities	220,416	3,810	12,310	0	236,536	197,838	3,742	14,295	0	215,875
301	Building of ships and boats	109,229	49,322	121,000	13,550	293,101	76,995	24,570	85,740	29,250	216,555
310,321	Manufacture of furniture and jewellery, bijouterie and related articles	0	0	4,557	0	4,557	0	0	19,672	0	19,672
C	Manufacturing	9,785,344	565,044	7,920,403	1,448,077	19,718,868	9,724,187	214,360	4,874,946	2,541,872	17,355,365
Total		10,085,482	565,444	9,457,713	1,448,077	21,556,716	9,806,195	216,460	5,028,726	2,541,872	17,593,253

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 32: Compensation of Employees by Labour Cost and Industrial Activity, 2016

TZS ('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	757,508	73,498	0	33,600	980	0	200	865,786
089	Mining and quarrying n.e.c.	0	0	0	0	0	0	0	0
B	Mining and Quarrying	757,508	73,498	0	33,600	980	0	200	865,786
105,106	Manufacture of dairy and grain mill products	949,717	196,662	0	0	441,236	0	0	1,587,615
107,108	Manufacture of other food products and prepared animal feeds	907,572	0	550	111,089	28,509	0	598,710	1,646,429
110	Manufacture of beverages	921,358	52,561	16,000	0	58,739	0	164,491	1,213,149
139	Manufacture of other textiles	21,600	0	0	0	0	0	7,475	29,075
141	Manufacture of wearing apparel, except fur apparel	122,650	570	100	0	2,436	0	11,500	137,256
161	Sawmilling and planing of wood	64,800	0	0	0	0	0	0	64,800
181	Printing and service activities related to printing	591,082	61,007	78,468	22,811	51,286	3,729	10,301	818,684
202	Manufacture of other chemical products	469,073	42,492	26,880	9,580	20,265	0	3,392	571,682
239	Manufacture of non metallic mineral products n.e.c.	1,622,897	113,040	2,016	10,896	0	0	14,400	1,763,249
241	Manufacture of basic iron and steel	26,040	0	0	0	0	0	0	26,040
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	26,400	1,500	0	0	3,960	0	0	31,860
259	Manufacture of other fabricated metal products; metalworking service activities	250,440	0	0	0	0	0	0	250,440
301	Building of ships and boats	378,065	0	0	0	0	0	0	378,065
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	636,148	0	0	2,731	3,096	0	50	642,024
C	Manufacturing	6,987,840	467,832	124,014	157,106	609,528	3,729	810,318	9,160,367
	Total	7,745,348	541,330	124,014	190,706	610,508	3,729	810,518	10,026,153

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 33: Service Consumed by ISIC (ISIC R4), 2016

TZS ('000')

ISIC REV 4	Descriptions	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	800	27,320	1,866	0	17,250	0	0	0	0	47,236
089	Mining and quarrying n.e.c.	0	0	0	0	0	0	0	0	0	0
B	Mining and Quarrying	800	27,320	1,866	0	17,250	0	0	0	0	47,236
105,106	Manufacture of dairy and grain mill products	1,000	358,441	33,859	0	45,864	413,360	70	14,445	1,201,902	2,068,941
107,108	Manufacture of other food products and prepared animal feeds	430	8,846	31,998	13,740	7,992	64,098	70,685	0	0	197,639
110	Manufacture of beverages	0	215,200	27,422	61,367	0	18,819	40,666	47,836	0	411,311
139	Manufacture of other textiles	100	250	230	0	274	0	0	0	0	854
141	Manufacture of wearing apparel, except fur apparel	24,228	3,660	660	6,030	416	0	0	0	1,200	36,194
161	Sawmilling and planing of wood	3,000	1,500	200	500	0	0	0	0	0	5,200
181	Printing and service activities related to printing	0	107,723	182,548	12,520	3,750	14,310	0	200	0	321,051
202	Manufacture of other chemical products	120	46,043	14,186	28,966	724	4,732	7,957	0	0	102,727
239	Manufacture of non metallic mineral products n.e.c.	9,280	32,795	4,860	15,220	7,028	712	0	0	0	69,895
241	Manufacture of basic iron and steel	0	100	0	0	0	0	0	0	0	100
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	0	500	200	3,500	0	36	0	0	0	4,236
259	Manufacture of other fabricated metal products; metalworking service activities	2,300	950	996	640	0	0	0	0	0	4,886
301	Building of ships and boats	2,620	670	0	0	1,300	0	0	0	0	4,590
310, 321	Manufacture of furniture and jewellery, bijouterie and related articles	8,836	15,651	4,116	10,877	1,804	362	2,000	0	124	43,770
C	Manufacturing	51,914	792,329	301,275	153,360	69,152	516,429	121,377	62,482	1,203,225	3,271,394
Total		52,714	819,649	303,141	153,360	86,402	516,429	121,377	62,482	1,203,225	3,318,630

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 34a: Number of Persons Engaged by Industrial Activity (ISIC R4), 2016

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
081	Quarrying of stone, sand and clay	203	170	0	0	203	170	209	178	0	0	209	178
089	Mining and quarrying n.e.c.	18	18	0	0	18	18	18	18	0	0	18	18
B	Mining and Quarrying	221	188	0	0	221	188	227	196	0	0	227	196
105,106	Manufacture of dairy and grain mill products	196	62	6	0	202	62	208	66	7	1	215	67
107,108	Manufacture of other food products and prepared animal feeds	539	56	13	0	552	56	547	56	13	0	560	56
110	Manufacture of beverages	153	64	6	0	159	64	153	73	6	0	159	73
139	Manufacture of other textiles	25	112	0	0	25	112	25	112	0	0	25	112
141	Manufacture of wearing apparel, except fur apparel	97	335	1	0	98	335	111	344	1	0	112	344
161	Sawmilling and planing of wood	29	0	0	0	29	0	32	0	0	0	32	0
181	Printing and service activities related to printing	53	64	4	0	57	64	52	62	5	0	57	62
202	Manufacture of other chemical products	122	337	1	1	123	338	122	337	1	1	123	338
239	Manufacture of non metallic mineral products n.e.c.	533	218	0	0	533	218	539	222	0	0	539	222
241	Manufacture of basic iron and steel	15	0	0	0	15	0	15	0	0	0	15	0
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	10	0	0	0	10	0	10	0	0	0	10	0
259	Manufacture of other fabricated metal products; metalworking service activities	100	0	0	0	100	0	116	0	0	0	116	0
301	Building of ships and boats	115	0	0	0	115	0	116	0	0	0	116	0
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	292	9	0	0	292	9	300	9	0	0	300	9
C	Manufacturing	2,279	1,257	31	1	2,310	1,258	2,346	1,281	33	2	2,379	1,283
Total		2,500	1,445	31	1	2,531	1,446	2,573	1,477	33	2	2,606	1,479

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 34b: Number of Persons Employed by Industrial Activity (ISIC R4), Employment Status and Gender, 2016

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	20	0	107	139	46	26	3	0	176	165	341
089	Mining and Quarrying n.e.c.	0	0	0	0	0	0	0	0	0	0	0
B	Mining and Quarrying	20	0	107	139	46	26	3	0	176	165	341
105,106	Manufacture of dairy and grain mill products	13	4	61	13	51	20	56	12	181	49	230
107,108	Manufacture of other food products and prepared animal feeds	20	2	239	43	226	0	29	0	514	45	559
110	Manufacture of beverages	21	5	91	46	40	29	0	0	152	80	232
139	Manufacture of other textiles	0	0	3	32	0	0	0	0	3	32	35
141	Manufacture of wearing apparel, except fur apparel	7	6	32	49	11	43	5	0	55	98	153
161	Sawmilling and planning of wood	2	0	14	0	3	0	2	0	21	0	21
181	Printing and service activities related to printing	7	3	17	21	28	38	5	0	57	62	119
202	Manufacture of other chemical products	3	1	13	16	91	287	14	12	121	316	437
239	Manufacture of non metallic mineral products n.e.c.	88	31	309	38	88	28	7	0	492	97	589
241	Manufacture of basic iron and steel	0	0	14	0	0	0	0	0	14	0	14
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1	0	6	0	1	0	2	0	10	0	10
259	Manufacture of other fabricated metal products; metalworking service activities	36	0	30	0	15	0	0	0	81	0	81
301	Building of ships and boats	2	0	86	0	10	0	0	0	98	0	98
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	15	0	175	0	9	0	6	1	205	1	206
C	Manufacturing	215	52	1,090	258	573	445	126	25	2,004	780	2,784
	Total	235	52	1,197	397	619	471	129	25	2,180	945	3,125

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 35 a: Components of Gross Output by Industrial Activity (ISIC R4), 2016

TZS ('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	4,094,425	0	(1,381,930)	5,500	0	0	0	2,717,995
089	Mining and Quarrying n.e.c.	5,400	0	100	0	0	0	0	5,500
B	Mining and Quarrying	4,099,825	0	(1,381,830)	5,500	0	0	0	2,723,495
105,106	Manufacture of dairy and grain mill products	38,523,513	0	(760,861)	192,780	1,881,941	0	1,505,553	38,331,820
107,108	Manufacture of other food products and prepared animal feeds	4,919,980	6,258,200	1,037,553	4,210	3,300	0	0	12,223,243
110	Manufacture of beverages	2,832,719	5,857,910	4,367	0	0	0	0	8,694,996
139	Manufacture of other textiles	95,252	0	(145)	4,225	0	0	0	99,332
141	Manufacture of wearing apparel, except fur apparel	1,022,514	0	(21,770)	150,951	1,101	1,700	1,023	1,153,473
161	Sawmilling and planing of wood	72,000	0	(1,360)	252,990	0	0	0	323,630
181	Printing and service activities related to printing	836,265	985,000	(27,209)	0	0	0	0	1,794,057
202	Manufacture of other chemical products	1,426,624	574,550	(28,936)	42,240	0	0	0	2,014,478
239	Manufacture of non metallic mineral products n.e.c.	12,631,396	0	(2,488,657)	15,355	53,300	4,000	43,200	10,172,195
241	Manufacture of basic iron and steel	89,000	0	(700)	100,000	0	0	0	188,300
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	98,500	0	(1,100)	8,000	0	0	0	105,400
259	Manufacture of other fabricated metal products; metalworking service activities	945,632	0	1,917	227,102	0	0	0	1,174,651
301	Building of ships and boats	875,000	0	13,750	21,510	0	0	0	910,260
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	1,809,735	286,000	(29,197)	42,350	27,000	0	55,800	2,080,089
C	Manufacturing	66,178,130	13,961,661	(2,302,346)	1,061,713	1,966,642	5,700	1,605,576	79,265,923
	Total	70,277,955	13,961,661	(3,684,176)	1,067,213	1,966,642	5,700	1,605,576	81,989,418

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 36 b: Electricity, Water and Fuels Consumed by Industrial Activity (ISIC R4), 2016

TZS ('000')

ISIC REV 4	Descriptions	Description						Total
		Electricity	Water	Gas	Fuel for machines and vehicles	Wood, charcoal and peat	Other fuels	
081	Quarrying of stone, sand and clay	68,600	170	10,800	414,320	0	4,027	497,917
089	Mining and Quarrying n.e.c.	0	0	0	7,560	0	15	7,575
B	Mining and Quarrying	68,600	170	10,800	421,880	0	4,042	505,492
105,106	Manufacture of dairy and grain mill products	925,135	0	0	3,530	0	154	928,819
107,108	Manufacture of other food products and prepared animal feeds	33,924	4,836	0	33,688	218,768	0	291,216
110	Manufacture of beverages	436,967	122,846	600	136,606	0	1,400	698,419
139	Manufacture of other textiles	0	0	0	0	3,145	0	3,145
141	Manufacture of wearing apparel, except fur apparel	15,358	0	0	1,585	523	608	17,402
161	Sawmilling and planning of wood	11,700	0	0	600	0	120	12,420
181	Printing and service activities related to printing	49,673	12,850	0	27,424	0	0	89,947
202	Manufacture of other chemical products	16,472	1,860	240	20,044	2,800	0	41,417
239	Manufacture of non metallic mineral products n.e.c.	92,275	14,704	0	117,416	12,455	7,694	244,544
241	Manufacture of basic iron and steel	1,080	0	3,360	0	0	0	4,440
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	2,640	0	0	4,200	0	0	6,840
259	Manufacture of other fabricated metal products; metalworking service activities	13,470	0	1,200	120,240	540	316	135,766
301	Building of ships and boats	0	0	0	2,400	0	0	2,400
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	43,144	0	1,075	9,020	0	350	53,229
C	Manufacturing	1,641,837	157,096	6,475	476,753	238,231	10,642	2,530,003
	Total	1,710,437	157,266	17,275	898,633	238,231	14,684	3,035,495

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 37(a): Sales of Goods by Product Category and Origin, 2016**TZS ('000')**

CPC CODE	Descriptions	Local Sold Value	Exported Value	Total
15200	Missing	0	0	0
15320	Gypsum; anhydrite; limestone flux; limestone and other calcareous stone, of a kind used for the manufacture of lime or c	188,495	0	188,495
15330	Pebbles, gravel, broken or crushed stone, macadam; granules, chippings and powder of stone	346,585	0	346,585
16200	Bitumen and asphalt, natural; asphaltites and asphaltic rock	845,000	0	845,000
23110	Salt and pure sodium chloride; sea water	5,400	0	5,400
23140	Wheat and meslin flour	22,006,200	0	22,006,200
23319	Other cereal grain products (including corn flakes)	31,860	0	31,860
23410	Preparations used in animal feeding n.e.c.	2,293,051	0	2,293,051
23490	Crisp bread; rusks, toasted bread and similar toasted products	174,800	0	174,800
23710	Bread and other bakers' wares	4,706,356	0	4,706,356
24410	Uncooked pasta, not stuffed or otherwise prepared	13,824	0	13,824
27130	Bottled waters, not sweetened or flavoured	2,832,719	5,857,910	8,690,629
27180	Curtains (including drapes) and interior blinds; curtain or bed valances	10,800	0	10,800
27310	Quilts, eiderdowns, cushions, puffers, pillows, sleeping bags and the like, fitted with springs or stuffed or internally	463,110	0	463,110
27320	Twine, cordage, rope and cables	700	0	700
28221	Knotted netting of twine, cordage or rope; made up nets of textile materials; articles of yarn, strip, twine, cordage, r	93,042	0	93,042
28222	Men's or boys' suits, coats, jackets, trousers, shorts and the like, knitted or crocheted	46,800	0	46,800
28223	Men's or boys' shirts, underpants, pyjamas, dressing gowns and similar articles, knitted or crocheted	7,680	0	7,680
28224	Women's or girls' suits, coats, jackets, dresses, skirts, trousers, shorts and the like, knitted or crocheted	222,610	0	222,610
28227	Women's or girls' blouses, shirts, petticoats, panties, nightdresses, dressing gowns and similar articles, knitted or cr	82,710	0	82,710
28229	Babies' garments and clothing accessories, knitted or crocheted	8,100	0	8,100
28238	Gloves, shawls, scarves, veils, ties, cravats and other made up clothing accessories, knitted or crocheted; knitted or c	5,000	0	5,000
31310	Handkerchiefs, shawls, scarves, veils, ties, cravats, gloves and other made up clothing accessories, of textile fabric,	2,444	0	2,444
32220	Wood in the rough, treated with paint, stains, creosote or other preservatives	72,000	0	72,000
32690	General reference books, in print	836,265	0	836,265
34550	Other printed matter	0	985,000	985,000
35240	Animal or vegetable fats and oils and their fractions, chemically modified, except those hydrogenated, inter-esterifies,	152,491	574,550	727,042
35321	Sugars, chemically pure n.e.c.; sugar ethers and sugar esters and their salts n.e.c.	0	6,258,200	6,258,200
35322	Soap; organic surface-active products and preparations for use as soap; paper, wadding, felt and nonwovens, impregnated,	644,616	0	644,616
35410	Detergents and washing preparations	20,768	0	20,768
37350	Essential oils and concentrates, aqueous distillates and aqueous solutions thereof; resinoids; terpenic by products of t	524,870	0	524,870
37440	Non refractory ceramic building bricks, flooring blocks, support or filler tiles, roofing tiles, chimney-pots, cowls, ch	161,993	0	161,993
37520	Portland cement, aluminous cement, slag cement and similar hydraulic cements, except in the form of clinkers	145,152	0	145,152

CPC CODE	Descriptions	Local Sold Value	Exported Value	Total
37560	Boards, blocks and similar articles of vegetable fibre, straw or wood waste agglomerated with mineral binders	11,481,111	0	11,481,111
38112	Other articles of cement, concrete or artificial stone	10,200	0	10,200
38122	Seats, primarily with wooden frames	42,700	0	42,700
38140	Other wooden furniture, of a kind used in offices	115,640	0	115,640
38240	Other furniture n.e.c	1,584,980	286,000	1,870,980
38350	Jewellery and other articles of precious metal or of metal clad with precious metal; articles of natural or cultured pearl	15,115	0	15,115
38520	Other musical instruments (including percussion instruments, musical boxes and fairground organs); decoy calls; whistles	12,500	0	12,500
42120	Dolls representing human beings; toys representing animals or nonhuman creatures	627,000	0	627,000
42912	Doors, windows and their frames and thresholds for doors, of iron, steel or aluminium	98,500	0	98,500
42913	Table, kitchen or other household articles and parts thereof, of iron, steel, copper or aluminium; cooking or heating apparatus	60,272	0	60,272
42921	Knives (except for machines) and scissors, and blades therefor	960	0	960
42943	Hand tools (including hand tools of a kind used in agriculture, horticulture or forestry, hand saws, files, pliers and m	4,200	0	4,200
49410	Cloth, grill, netting and fencing, of iron or steel wire; expanded metal of iron or steel	959,200	0	959,200
88150	Sailboats (except inflatable), with or without auxiliary motor	875,000	0	875,000
88427	Dairy product manufacturing services	14,215,401	0	14,215,401
88744	Other chemical products manufacturing services n.e.c.	80,000	0	80,000
88772	Consumer electronics manufacturing services	30,000	0	30,000
88774	Metal-forming machinery and machine tools manufacturing services	322,000	0	322,000
99998	Mining, quarrying and construction machinery manufacturing services	2,555,785	0	2,555,785
99999	Other	241,948	0	241,948
Total		70,277,955	13,961,661	84,239,616

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 38a: Value of Fixed Assets at the End of the Year by Industrial Activity (ISIC R4), 2016

TZS ('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	140,600	838,664	348,638	870,800	473	2,199,174
089	Mining and quarrying n.e.c.	0	1,152	0	0	0	1,152
B	Mining and Quarrying	140,600	839,816	348,638	870,800	473	2,200,326
105,106	Manufacture of dairy and grain mill products	8,96,065	431,354	15,626,160	270,046	0	85,116
107,108	Manufacture of other food products and prepared animal feeds	38,400	33,282,900	90,255	8,589,865	1,713,001	43,714,421
110	Manufacture of beverages	0	665,564	111,000	823,677	16,792	1,617,033
139	Manufacture of other textiles	0	10,368	0	1,041	26	11,436
141	Manufacture of wearing apparel, except fur apparel	11,520	25,440	12,750	108,398	4,988	147,584
161	Sawmilling and planning of wood	0	410,800	11,250	68,000	875	490,925
181	Printing and service activities related to printing	150,000	1,980,859	32,300	12,629,200	880	14,793,239
202	Manufacture of other chemical products	192,226	865,579	145,081	282,813	7,563	1,493,262
239	Manufacture of non metallic mineral products n.e.c.	769,038	321,082	415,350	526,985	40,050	2,072,505
241	Manufacture of basic iron and steel	0	57,600	0	2,550	0	60,150
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	0	0	5,250	21,250	2,188	28,688
259	Manufacture of other fabricated metal products; metalworking service activities	55,000	31,740	2,263	34,028	175	123,206
301	Building of ships and boats	96,000	1,200	0	9,478	0	106,678
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	57,600	314,971	1,719	147,526	1,131	522,947
C	Manufacturing	9,465,849	38,399,457	16,453,377	23,514,856	1,787,669	65,267,187
Total		9,606,449	39,239,273	16,802,015	24,385,656	1,788,141	67,467,513

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 38b: Net Investment by Industrial Activity (ISIC R4), 2016

TZS ('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	0	0	0	22,500	0	22,500
089	Mining and Quarrying n.e.c.	0	0	0	0	0	0
B	Mining and Quarrying	0	0	0	22,500	0	22,500
105,106	Manufacture of dairy and grain mill products	0	0	0	0	0	0
107,108	Manufacture of other food products and prepared animal feeds	0	2,000	12,000	278,300	893,050	1,185,350
110	Manufacture of beverages	0	30,000	3,475	0	8,285	41,760
139	Manufacture of other textiles	0	0	0	0	0	0
141	Manufacture of wearing apparel, except fur apparel	0	0	0	732	172	904
161	Sawmilling and planning of wood	0	0	0	0	0	0
181	Printing and service activities related to printing	0	0	(27,000)	(345,750)	(27,500)	(400,250)
202	Manufacture of other chemical products	0	0	5,327	25,913	0	31,240
239	Manufacture of non metallic mineral products n.e.c.	0	0	0	1,700	0	1,700
241	Manufacture of basic iron and steel	0	0	0	0	0	0
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	0	0	0	0	0	0
259	Manufacture of other fabricated metal products; metalworking service activities	35,000	1,500	50	0	0	36,550
301	Building of ships and boats	0	0	0	0	0	0
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	0	0	0	45	0	45
C	Manufacturing	35,000	33,500	(6,149)	(39,060)	874,007	897,298
	Total	35,000	33,500	(6,149)	(16,560)	874,007	919,798

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 40: Change in Stock by Industrial Activity (ISIC R4), 2016

TZS ('000')

ISIC REV 4	Descriptions	Materials, Supplies and fuel	Work in Progress	Finished Product	Good Purchased for resale	Total
081	Quarrying of stone, sand and clay	(218,110)	1,800	(1,383,730)	0	(1,600,040)
089	Mining and Quarrying n.e.c.	(20)	(100)	200	0	80
B	Mining and Quarrying	(218,130)	1,700	(1,383,530)	0	(1,599,960)
105,106	Manufacture of dairy and grain mill products	(127,5917)	0	(760,860)	0	(2,036,778)
107,108	Manufacture of other food products and prepared animal feeds	279,598	(90)	103,7644	0	1,317,152
110	Manufacture of beverages	254,427	0	(995,633)	1,000,000	258,793
139	Manufacture of other textiles	(259)	(45)	(70)	(30)	(404)
141	Manufacture of wearing apparel, except fur apparel	(2,095)	(1,442)	(16,313)	(4,015)	(23,865)
161	Sawmilling and planning of wood	200	120	(1,480)	0	(1,160)
181	Printing and service activities related to printing	582,413	21,700	(48,909)	0	555,204
202	Manufacture of other chemical products	235,188	6,096	(133,622)	98,590	206,252
239	Manufacture of non metallic mineral products n.e.c.	(62,400)	(357,503)	(2,114,703)	(16,450)	(2,551,056)
241	Manufacture of basic iron and steel	(2,000)	0	(700)	0	(2,700)
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	(5,000)	(1,100)	0	0	(6,100)
259	Manufacture of other fabricated metal products; metalworking service activities	(22,578)	(68)	1,985	0	(20,661)
301	Building of ships and boats	(10,500)	6,400	7,350	0	3,250
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	(32,234)	(24,752)	(20,145)	15,700	(61,431)
C	Manufacturing	(61,157)	(350,684)	(3,045,457)	1,093,795	(2,363,503)
	Total	(279,287)	(348,984)	(4,428,987)	1,093,795	(3,963,463)

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

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

Challenges	Responses	Percent
Shortage of customer	122	63
Insufficient raw material	96	49
High taxes	62	32
Insufficient production capacity	52	27
Shortage of qualified labour	23	12
Lack of equipment	20	10
Transport problem	27	14
Lack of production area	33	17
Inadequate supply of electricity	45	23
Economic environment	35	18
High cost of production	61	31
Financial problem	79	41
Foreign currency	2	1
Inflation	23	12
Depreciation of currency	11	6
Illegal imports	3	2
Inadequate supply of water	4	2
Feasibility study	4	2
Other	12	6
Total	195	100

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 42: Principal Indicators by Industrial Activity (ISIC R4), 2016

TZS ('000')

ISIC REV 4	Descriptions	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	19	387	10	341	2,717,995	10	894,121	10	865,586	10
089	Mining and quarrying n.e.c.	2	36	1	0	5,500	1	(3,115)	1	0	1
B	Mining and Quarrying	21	423	11	341	2,723,495	11	891,006	11	865,586	11
105,106	Manufacture of dairy and grain mill products	8	282	4	230	38,331,820	4	15,946,362	4	1,587,615	4
107,108	Manufacture of other food products and prepared animal feeds	44	1,039	23	900	14,946,738	23	5,815,149	23	1,913,305	23
110	Manufacture of beverages	4	232	2	232	8,694,996	2	4,735,119	2	1,048,658	2
139	Manufacture of other textiles	8	137	4	35	99,332	4	29,574	4	21,600	4
141	Manufacture of wearing apparel, except fur apparel	28	456	14	153	1,153,473	14	776,459	14	125,756	14
161	Sawmilling and planing of wood	3	32	2	21	323,630	2	263,010	2	64,800	2
181	Printing and service activities related to printing	2	119	1	119	1,794,057	1	428,746	1	804,654	1
202	Manufacture of other chemical products	6	461	3	437	2,014,478	3	1,043,192	3	568,291	3
239	Manufacture of non metallic mineral products n.e.c.	51	761	26	589	10,172,195	26	1,325,739	26	1,748,849	26
241	Manufacture of basic iron and steel	1	15	1	14	188,300	1	116,884	1	26,040	1
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1	10	1	10	105,400	1	50,624	1	31,860	1
259	Manufacture of other fabricated metal products; metalworking service activities	10	116	5	81	1,174,651	5	735,977	5	250,440	5
301	Building of ships and boats	5	116	3	98	910,260	3	552,050	3	378,065	3
310 , 321	Manufacture of furniture and jewellery, bijouterie and related articles	24	309	12	206	2,080,089	12	1,164,029	12	641,974	12
C	Manufacturing	195	4,085	100	3,125	81,989,418	100	32,982,914	100	9,211,906	100
Total		195	4,085	100	3,125	81,989,418	100	32,982,914	100	9,211,906	100

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 43: Number of Establishments by Activity and Form of Ownership (ISIC R4), 2016

ISIC REV 4	Descriptions	Form of ownership					Total
		Individual proprietorship	Partnership	Public	Cooperative	Private limited company	
0810	Quarrying of stone, sand and clay	14	0	1	4	0	19
0893	Extraction of salt	0	0	0	2	0	2
B	Mining and Quarrying	14	0	1	6	0	21
1050, 1061	Manufacture of dairy products and grain mill products	1	0	0	5	2	8
1071, 1072	Manufacture of bakery products and sugar	19	1	1	0	0	21
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	1	0	0	1	0	2
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	0	0	0	0	4	4
1394	Manufacture of cordage, rope, twine and netting	0	0	0	8	0	8
1410	Manufacture of wearing apparel, except fur apparel	2	3	1	21	1	28
1610	Sawmilling and planning of wood	2	0	0	1	0	3
1811	Printing	0	1	1	0	0	2
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	0	0	0	2	1	3
2029	Manufacture of other chemical products n.e.c.	1	0	1	0	1	3
2391	Manufacture of refractory products	0	0	0	4	0	4
2392	Manufacture of clay building materials	0	0	0	1	0	1
2395	Manufacture of articles of concrete, cement and plaster	37	4	0	5	0	46
2410	Manufacture of basic iron and steel	1	0	0	0	0	1
2511	Manufacture of structural metal products	0	1	0	0	0	1
2593	Manufacture of cutlery, hand tools and general hardware	1	0	0	0	0	1
2599	Manufacture of other fabricated metal products n.e.c.	8	1	0	0	0	9
3012	Building of pleasure and sporting boats	2	0	0	3	0	5
3100	Manufacture of furniture	14	1	0	7	1	23
3211	Manufacture of jewellery and related articles	0	0	0	1	0	1
C	Manufacturing	89	12	4	59	10	174
Total		103	12	5	65	10	195

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 44: Number of Establishments by Activity and Employment Size (ISIC R4), 2016

ISIC REV 4	Descriptions	Persons engaged					Total
		10-19	20-49	50-99	100-499	500+	
0810	Quarrying of stone, sand and clay	9	10	0	0	0	19
0893	Extraction of salt	1	1	0	0	0	2
B	Mining and Quarrying	10	11	0	0	0	21
1050, 1061	Manufacture of dairy products and grain mill products	6	0	1	1	0	8
1071, 1072	Manufacture of bakery products and sugar	19	1	0	1	0	21
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	1	1	0	0	0	2
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	0	2	1	1	0	4
1394	Manufacture of cordage, rope, twine and netting	5	3	0	0	0	8
1410	Manufacture of wearing apparel, except fur apparel	24	3	1	0	0	28
1610	Sawmilling and planing of wood	3	0	0	0	0	3
1811	Printing	0	1	1	0	0	2
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	2	1	0	0	0	3
2029	Manufacture of other chemical products n.e.c.	1	1	0	1	0	3
2391	Manufacture of refractory products	1	3	0	0	0	4
2392	Manufacture of clay building materials	0	1	0	0	0	1
2395	Manufacture of articles of concrete, cement and plaster	40	6	0	0	0	46
2410	Manufacture of basic iron and steel	1	0	0	0	0	1
2511	Manufacture of structural metal products	1	0	0	0	0	1
2593	Manufacture of cutlery, hand tools and general hardware	1	0	0	0	0	1
2599	Manufacture of other fabricated metal products n.e.c.	9	0	0	0	0	9
3012	Building of pleasure and sporting boats	3	1	1	0	0	5
3100	Manufacture of furniture	22	1	0	0	0	23
3211	Manufacture of jewellery and related articles	1	0	0	0	0	1
C	Manufacturing	140	25	5	4	0	174
Total		150	36	5	4	0	195

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 45: Number of Persons Engaged by Industrial Activity (ISIC R4), Employment Status and Gender, 2016

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	33	13	0	0	20	0	107	139	46	26	3	0	209	178	387
0893	Extraction of salt	18	18	0	0	0	0	0	0	0	0	0	0	18	18	36
B	Mining and Quarrying	51	31	0	0	20	0	107	139	46	26	3	0	227	196	423
1050, 1061	Manufacture of dairy products and grain mill products	34	18	0	0	13	4	61	13	51	20	56	12	215	67	282
1071, 1072	Manufacture of bakery products and sugar	8	0	18	0	20	2	230	43	226	0	29	0	531	45	576
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	20	11	0	0	0	0	9	0	0	0	0	0	29	11	40
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	0	0	0	0	21	5	91	46	40	29	0	0	159	73	232
1394	Manufacture of cordage, rope, twine and netting	22	80	0	0	0	0	3	32	0	0	0	0	25	112	137
1410	Manufacture of wearing apparel, except fur apparel	51	217	6	29	7	6	32	49	11	43	5	0	112	344	456
1610	Sawmilling and planing of wood	11	0	0	0	2	0	14	0	3	0	2	0	32	0	32
1811	Printing	0	0	0	0	7	3	17	21	28	38	5	0	57	62	119
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	2	22	0	0	0	1	3	10	0	10	0	0	5	43	48
2029	Manufacture of other chemical products n.e.c.	0	0	0	0	3	0	10	6	91	277	14	12	118	295	413
2391	Manufacture of refractory products	22	13	0	0	0	1	0	23	0	28	0	0	22	65	87
2392	Manufacture of clay building materials	0	20	0	0	0	0	0	0	0	0	0	0	0	20	20
2395	Manufacture of articles of concrete, cement and plaster	25	92	0	0	88	30	309	15	88	0	7	0	517	137	654
2410	Manufacture of basic iron and steel	1	0	0	0	0	0	14	0	0	0	0	0	15	0	15
2511	Manufacture of structural metal products	0	0	0	0	1	0	6	0	1	0	2	0	10	0	10
2593	Manufacture of cutlery, hand tools and general hardware	1	0	11	0	0	0	0	0	0	0	0	0	12	0	12
2599	Manufacture of other fabricated metal products n.e.c.	7	0	16	0	36	0	30	0	15	0	0	0	104	0	104
3012	Building of pleasure and sporting boats	15	0	3	0	2	0	86	0	10	0	0	0	116	0	116
3100	Manufacture of furniture	73	5	24	1	15	0	158	0	9	0	6	1	283	9	292
3211	Manufacture of jewellery and related articles	0	0	0	0	0	0	17	0	0	0	0	0	17	0	17
C	Manufacturing	292	478	78	30	215	52	1,090	258	573	445	126	25	2,374	1,288	3,662
Total		343	509	78	30	235	52	1,197	397	619	471	129	25	2,606	1,479	4,085

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 46: Number of Person Engaged by Activity (ISIC R4), 2016

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	203	170	0	0	203	170	209	178	0	0	209	178
0893	Extraction of salt	18	18	0	0	18	18	18	18	0	0	18	18
B	Mining and Quarrying	221	188	0	0	221	188	227	196	0	0	227	196
1050, 1061	Manufacture of dairy products and grain mill products	196	62	6	0	202	62	208	66	7	1	215	67
1071, 1072	Manufacture of bakery products and sugar	510	45	13	0	523	45	518	45	13	0	531	45
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	29	11	0	0	29	11	29	11	0	0	29	11
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	153	64	6	0	159	64	153	73	6	0	159	73
1394	Manufacture of cordage, rope, twine and netting	25	112	0	0	25	112	25	112	0	0	25	112
1410	Manufacture of wearing apparel, except fur apparel	97	335	1	0	98	335	111	344	1	0	112	344
1610	Sawmilling and planing of wood	29	0	0	0	29	0	32	0	0	0	32	0
1811	Printing	53	64	4	0	57	64	52	62	5	0	57	62
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	4	42	1	1	5	43	4	42	1	1	5	43
2029	Manufacture of other chemical products n.e.c.	118	295	0	0	118	295	118	295	0	0	118	295
2391	Manufacture of refractory products	18	62	0	0	18	62	22	65	0	0	22	65
2392	Manufacture of clay building materials	0	20	0	0	0	20	0	20	0	0	0	20
2395	Manufacture of articles of concrete, cement and plaster	515	136	0	0	515	136	517	137	0	0	517	137
2410	Manufacture of basic iron and steel	15	0	0	0	15	0	15	0	0	0	15	0
2511	Manufacture of structural metal products	10	0	0	0	10	0	10	0	0	0	10	0
2593	Manufacture of cutlery, hand tools and general hardware	12	0	0	0	12	0	12	0	0	0	12	0
2599	Manufacture of other fabricated metal products n.e.c.	88	0	0	0	88	0	104	0	0	0	104	0
3012	Building of pleasure and sporting boats	115	0	0	0	115	0	116	0	0	0	116	0
3100	Manufacture of furniture	275	9	0	0	275	9	283	9	0	0	283	9
3211	Manufacture of jewellery and related articles	17	0	0	0	17	0	17	0	0	0	17	0
C	Manufacturing	2,279	1,257	31	1	2,310	1,258	2,346	1,281	33	2	2,379	1,283
Total		2,500	1,445	31	1	2,531	1,446	2,573	1,477	33	2	2,606	1,479

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 47: Stocks Held by Industrial Activity

TZS ('000')

ISIC REV 4	Descriptions	At the Beginning				At the End			
		Materials and supplies	Work in progress	Finished products	Goods purchased for resale	Materials and supplies	Work in progress	Finished products	Goods purchased for resale
0810	Quarrying of stone, sand and clay	300,018	0	1,536,710	0	81,908	1,800	152,980	0
0893	Extraction of salt	120	400	600	0	100	300	800	0
B	Mining and Quarrying	300,138	400	1,537,310	0	82,008	2,100	153,780	0
1050, 1061	Manufacture of dairy products and grain mill products	6,248,465	0	1,031,873	0	4,972,548	0	1,793,033	0
1071, 1072	Manufacture of bakery products and sugar	1,591,442	715	9,243	0	1,871,080	655	897,386	0
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	140	50	1,290	0	100	20	150,790	0
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	652,209	0	2,835,300	1,050,000	906,636	0	1,839,667	2,050,000
1394	Manufacture of cordage, rope, twine and netting	1,380	375	990	110	1,121	330	920	80
1410	Manufacture of wearing apparel, except fur apparel	22,694	15,576	41,880	7,100	20,599	14,134	25,567	3,085
1610	Sawmilling and planning of wood	500	200	2,200	0	700	320	720	0
1811	Printing	214,223	0	59,691	0	796,636	21,700	10,782	0
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	0	0	150	0	0	0	100	0
2029	Manufacture of other chemical products n.e.c.	210,224	26,418	593,912	358,142	445,412	32,514	460,340	456,732
2391	Manufacture of refractory products	7,692	500	0	1,500	32	25	2,581	0
2392	Manufacture of clay building materials	0	0	0	0	0	0	0	0
2395	Manufacture of articles of concrete, cement and plaster	469,510	443,478	2,424,996	17,675	414,770	86,450	307,712	2,725
2410	Manufacture of basic iron and steel	3,500	0	1,000	0	1,500	0	300	0
2511	Manufacture of structural metal products	18,000	4,700	0	0	13,000	3,600	0	0
2593	Manufacture of cutlery, hand tools and general hardware	40	10	35	0	20	12	70	0
2599	Manufacture of other fabricated metal products n.e.c.	220,376	3,800	12,275	0	197,818	3,730	14,225	0
3012	Building of pleasure and sporting boats	15,720	19,900	19,000	0	5,220	26,300	26,350	0
3100	Manufacture of furniture	109,229	49,322	121,000	13,550	76,995	24,570	85,740	29,250
3211	Manufacture of jewellery and related articles	0	0	4,557	0	0	0	19,672	0
C	Manufacturing	9,785,344	565,044	7,159,392	1,448,077	9,724,187	214,360	5,635,956	2,541,872
Total		10,085,482	565,444	8,696,702	1,448,077	9,806,195	216,460	5,789,736	2,541,872

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 47: Components of Gross Output by Industrial Activity (ISIC R4), 2016

TZS ('000')

ISIC REV 4	Descriptions	Local market	Exports	Change in Stock	Industrial Services	Nonindustrial services consumed	Other	Cost of goods sold as purchased	Total Gross
0810	Quarrying of stone, sand and clay	4,094,425	0	(1,381,930)	5,500	0	0	0	2,717,995
0893	Extraction of salt	5,400	0	100	0	0	0	0	5,500
B	Mining and Quarrying	4,099,825	0	(1,381,830)	5,500	0	0	0	2,723,495
1050, 1061	Manufacture of dairy products and grain mill products	38,523,513	0	761,161	192,780	1,881,941	0	1,505,553	39,853,841
1071, 1072	Manufacture of bakery products and sugar	4,881,156	6,258,200	888,083	4,210	3,300	0	0	12,034,949
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	38,824	0	149,470	0	0	0	0	188,294
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	2,832,719	5,857,910	4,367	0	0	0	0	8,694,996
1394	Manufacture of cordage, rope, twine and netting	95,252	0	(145)	4,225	0	0	0	99,332
1410	Manufacture of wearing apparel, except fur apparel	1,022,514	0	(21,770)	150,951	1,101	1,700	1,023	1,153,473
1610	Sawmilling and planing of wood	72,000	0	(1,360)	252,990	0	0	0	323,630
1811	Printing	836,265	985,000	(27,209)	0	0	0	0	1,794,057
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	662,424	0	(50)	240	0	0	0	662,614
2029	Manufacture of other chemical products n.e.c.	764,200	574,550	(28,886)	42,000	0	0	0	1,351,864
2391	Manufacture of refractory products	50,534	0	606	8,535	2,000	0	1,500	60,175
2392	Manufacture of clay building materials	82,800	0	0	0	0	0	0	82,800
2395	Manufacture of articles of concrete, cement and plaster	12,498,062	0	(2,489,262)	6,820	51,300	4,000	41,700	10,029,220
2410	Manufacture of basic iron and steel	89,000	0	(700)	100,000	0	0	0	188,300
2511	Manufacture of structural metal products	98,500	0	(1,100)	8,000	0	0	0	105,400
2593	Manufacture of cutlery, hand tools and general hardware	5,160	0	37	0	0	0	0	5,197
2599	Manufacture of other fabricated metal products n.e.c.	940,472	0	1,880	227,102	0	0	0	1,169,454
3012	Building of pleasure and sporting boats	875,000	0	13,750	21,510	0	0	0	910,260
3100	Manufacture of furniture	1,794,620	286,000	(44,312)	42,350	27,000	0	55,800	2,049,858
3211	Manufacture of jewellery and related articles	15,115	0	15,115	0	0	0	0	30,231
C	Manufacturing	66,178,130	13,961,661	(780,325)	1,061,713	1,966,642	5,700	1,605,576	80,787,944
Total		70,277,955	13,961,661	(2,162,155)	1,067,213	1,966,642	5,700	1,605,576	83,511,439

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 48: Detailed Intermediate Consumption by Industrial Activity (ISIC R4), 2016**TZS ('000')**

ISIC REV .4	Descriptions	Imported	Local	Electricity, water & fuel	Industrial Services Consumed	Non Industrial Services Consumed	Change in Stock	Total Intermediate
0810	Quarrying of stone, sand and clay	0	1,060,611	497,917	28,120	19,116	(218,110)	1,823,874
0893	Extraction of salt	0	1,020	7,575	0	0	(20)	8,615
B	Mining and Quarrying	0	1,061,631	505,492	28,120	19,116	(218,130)	1,832,489
1050, 1061	Manufacture of dairy products and grain mill products	19,213,285	898,496	928,819	359,441	4,709,500	(1,275,918)	27,385,458
1071, 1072	Manufacture of bakery products and sugar	0	6,995,564	264,866	8,826	188,333	279,638	7,177,951
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	0	94,280	26,350	300	180	(40)	121,150
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	76,374	3,028,200	698,419	215,200	196,111	254,427	3,959,876
1394	Manufacture of cordage, rope, twine and netting	0	65,500	3,145	350	504	(259)	69,758
1410	Manufacture of wearing apparel, except fur apparel	0	320,652	18,074	27,888	8,306	(2,095)	377,015
1610	Sawmilling and planning of wood	0	43,200	12,420	4,500	700	200	60,620
1811	Printing	0	1,536,725	89,947	107,723	213,328	582,413	1,365,311
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	0	319,958	2,322	8,625	53,455	0	384,359
2029	Manufacture of other chemical products n.e.c.	35,120	707,252	39,095	37,538	3,110	235,188	586,926
2391	Manufacture of refractory products	0	11,601	468	0	290	(7,660)	20,019
2392	Manufacture of clay building materials	0	7,200	1,200	0	240	0	8,640
2395	Manufacture of articles of concrete, cement and plaster	0	8,450,816	242,876	42,075	27,290	(54,740)	8,817,797
2410	Manufacture of basic iron and steel	0	64,876	4,440	100	0	(2,000)	71,416
2511	Manufacture of structural metal products	0	38,700	6,840	500	3,736	(5,000)	54,776
2593	Manufacture of cutlery, hand tools and general hardware	0	1,080	240	0	0	(20)	1,340
2599	Manufacture of other fabricated metal products n.e.c.	0	274,364	135,526	3,250	1,636	(22,558)	437,334
3012	Building of pleasure and sporting boats	0	340,720	2,400	3,290	1,300	(10,500)	358,210
3100	Manufacture of furniture	5,525	778,813	52,289	24,487	17,759	(32,234)	911,107
3211	Manufacture of jewellery and related articles	0	2,129	1,300	0	1,524	0	4,952
C	Manufacturing	19,330,304	23,980,126	2,531,035	844,093	5,427,301	(61,157)	52,174,015
Total		19,330,304	25,041,757	3,036,527	872,213	5,446,417	(279,287)	54,006,504

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 49: Principal Indicators by Industrial Activity (ISIC R4), 2016

TZS ('000')

ISIC REV.4	Descriptions	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	19	387	10	341	2,717,995	10	894,121	10	865,586	10
0893	Extraction of salt	2	36	1	0	5,500	1	(3,115)	1	0	1
B	Mining and Quarrying	21	423	11	341	2,723,495	11	891,006	11	865,586	11
1050, 1061	Manufacture of dairy products and grain mill products	8	282	4	230	39,853,841	4	12,468,383	4	1,587,615	4
1071, 1072	Manufacture of bakery products and sugar	21	576	11	550	12,034,949	11	4,856,999	11	1,029,719	11
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	2	40	1	9	188,294	1	67,144	1	18,000	1
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	4	232	2	232	8,694,996	2	4,735,119	2	1,048,658	2
1394	Manufacture of cordage, rope, twine and netting	8	137	4	35	99,332	4	29,574	4	21,600	4
1410	Manufacture of wearing apparel, except fur apparel	28	456	14	153	1,153,473	14	776,459	14	125,756	14
1610	Sawmilling and planning of wood	3	32	2	21	323,630	2	263,010	2	64,800	2
1811	Printing	2	119	1	119	1,794,057	1	428,746	1	804,654	1
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	3	48	2	24	662,614	2	278,254	2	63,379	2
2029	Manufacture of other chemical products n.e.c.	3	413	2	413	1,351,864	2	764,938	2	504,911	2
2391	Manufacture of refractory products	4	87	2	52	60,175	2	40,156	2	56,835	2
2392	Manufacture of clay building materials	1	20	1	0	82,800	1	74,160	1	0	1
2395	Manufacture of articles of concrete, cement and plaster	46	654	24	537	10,029,220	24	1,211,423	24	1,692,014	24
2410	Manufacture of basic iron and steel	1	15	1	14	188,300	1	116,884	1	26,040	1
2511	Manufacture of structural metal products	1	10	1	10	105,400	1	50,624	1	31,860	1
2593	Manufacture of cutlery, hand tools and general hardware	1	12	1	0	5,197	1	3,857	1	0	1
2599	Manufacture of other fabricated metal products n.e.c.	9	104	5	81	1,169,454	5	732,120	5	250,440	5
3012	Building of pleasure and sporting boats	5	116	3	98	910,260	3	552,050	3	378,065	3
3100	Manufacture of furniture	23	292	12	189	2,049,858	12	1,138,751	12	638,253	12
3211	Manufacture of jewellery and related articles	1	17	1	17	30,231	1	25,278	1	3,721	1
C	Manufacturing	174	3,662	89	2,784	80,787,944	89	28,613,929	89	8,346,321	89
Total		195	4,085	100	3,125	83,511,439	100	29,504,935	100	9,211,906	100

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 50: Production Account by Individual Establishment (ISIC R4), 2016

								TZS ('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
0810	Quarrying of stone, sand and clay	19	387	2,717,995	1,823,874	894,121	865,586	9,483	19,053
0893	Extraction of salt	2	36	5,500	8,615	(3,115)	0	0	(3,115)
B	Mining and Quarrying	21	423	2,723,495	1,832,489	891,006	865,586	9,483	15,938
1050, 1061	Manufacture of dairy products and grain mill products	8	282	38,331,820	22,385,458	15,946,362	1,587,615	2,975	14,355,772
1071, 1072	Manufacture of bakery products and sugar	21	576	12,034,949	7,177,951	4,856,999	1,029,719	2,382	3,824,898
1074, 1080	Manufacture of macaroni, noodles, couscous and similar farinaceous products and prepared animal feeds	2	40	188,294	121,150	67,144	18,000	360	48,784
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	4	232	8,694,996	3,959,876	4,735,119	1,048,658	40,760	3,645,701
1394	Manufacture of carpets and rugs	8	137	99,332	69,758	29,574	21,600	0	7,974
1410	Manufacture of cordage, rope, twine and netting	28	456	1,153,473	377,015	776,459	125,756	5,987	644,716
1610	Manufacture of wearing apparel, except fur apparel	3	32	323,630	60,620	263,010	64,800	950	197,260
1811	Sawmilling and planning of wood	2	119	1,794,057	1,365,311	428,746	804,654	29,990	(405,898)
2023	Printing	3	48	662,614	384,359	278,254	63,379	4,844	210,031
2029	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	3	413	1,351,864	586,926	764,938	504,911	260	259,767
2391	Manufacture of other chemical products n.e.c.	4	87	60,175	20,019	40,156	56,835	0	(16,679)
2392	Manufacture of refractory products	1	20	82,800	8,640	74,160	0	0	74,160
2395	Manufacture of clay building materials	46	654	10,029,220	8,817,797	1,211,423	1,692,014	10,622	(491,213)
2410	Manufacture of articles of concrete, cement and plaster	1	15	188,300	71,416	116,884	26,040	140	90,704
2511	Manufacture of basic iron and steel	1	10	105,400	54,776	50,624	31,860	250	18,514
2593	Manufacture of structural metal products	1	12	5,197	1,340	3,857	0	0	3,857
2599	Manufacture of cutlery, hand tools and general hardware	9	104	1,169,454	437,334	732,120	250,440	1,186	480,494
3012	Manufacture of other fabricated metal products n.e.c.	5	116	910,260	358,210	552,050	378,065	556	173,429
3100	Building of pleasure and sporting boats	23	292	2,049,858	911,107	1,138,751	638,253	5,415	495,083
3211	Manufacture of other transport equipment n.e.c.	1	17	30,231	4,952	25,278	3,721	0	21,557
C	Manufacturing	174	3,662	79,265,923	47,174,015	32,091,908	8,346,321	106,677	23,638,910
Total		195	4,085	81,989,418	49,006,504	32,982,914	9,211,906	116,160	23,654,848

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Part three

Small Industrial Establishments

Less than Ten Workers

Table1: Number of Establishments by Activity and Form of Ownership (ISIC R4), 2016

ISIC R4	Description	Form of Ownership								Total
		Individual Proprietorship	Partnership	Public	Parastatal	Cooperative	Private Company	Private Limited Company	Other	
08	Other mining and quarrying	7	0	0	0	4	0	0	0	11
B	Mining and Quarrying	7	0	0	0	4	0	0	0	11
10	Manufacture of food products	54	0	0	0	6	0	0	0	60
11	Manufacture of beverages	0	1	0	0	0	0	0	0	1
13	Manufacture of textiles	4	0	0	0	1	0	0	0	5
14	Manufacture of wearing apparel	158	10	1	0	15	0	1	0	185
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	16	0	0	0	2	0	0	0	18
20	Manufacture of chemicals and chemical products	0	0	0	0	5	1	0	0	6
23	Manufacture of other non metallic mineral products	107	4	1	1	6	0	0	3	122
24	Manufacture of basic metals	1	0	0	0	0	0	0	0	1
25	Manufacture of fabricated metal products, except machinery and equipment	67	6	0	0	4	0	1	0	78
30	Manufacture of other transport equipment	2	0	0	0	0	0	0	0	2
31	Manufacture of furniture	174	8	0	0	24	0	1	0	207
32	Other manufacturing	2	0	0	0	0	0	0	0	2
C	Manufacturing	585	29	2	1	63	1	3	3	687
	Total	592	29	2	1	67	1	3	3	698

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician

Table 2: Number of Establishments by Activity and Employment Size (ISIC R4), 2016

ISIC R4	Description	Persons Engaged					Total
		1 - 2	3 - 4	5 - 6	7 - 8	9	
08	Other mining and quarrying	3	2	3	3	0	11
B	Mining and Quarrying	3	2	3	3	0	11
10	Manufacture of food products	10	8	26	16	0	60
11	Manufacture of beverages	0	0	0	1	0	1
13	Manufacture of textiles	4	0	1	0	0	5
14	Manufacture of wearing apparel	86	47	34	16	2	185
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1	4	9	3	1	18
20	Manufacture of chemicals and chemical products	0	0	4	1	1	6
23	Manufacture of other non metallic mineral products	1	10	56	46	9	122
24	Manufacture of basic metals	0	1	0	0	0	1
25	Manufacture of fabricated metal products, except machinery and equipment	9	22	32	14	1	78
30	Manufacture of other transport equipment	1	1	0	0	0	2
31	Manufacture of furniture	42	56	68	34	7	207
32	Other manufacturing	1	1	0	0	0	2
C	Manufacturing	155	150	230	131	21	687
Total		158	152	233	134	21	698

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician

Table 3: Production Account by Individual Establishment (ISIC R4), 2016

TZS ('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	11	50	103,476	81,724	21,752	39,360	376	(17,984)
B	Mining and Quarrying	11	50	103,476	81,724	21,752	39,360	376	(17,984)
10	Manufacture of food products	60	302	14,735,495	3,919,493	10,816,003	1,466,111	5,265	9,344,627
11	Manufacture of beverages	1	8	0	21,535	(21,535)	8,820	42	(30,396)
13	Manufacture of textiles	5	10	24,332	7,094	17,238	0	40	17,198
14	Manufacture of wearing apparel	185	599	2,426,193	614,456	1,811,737	842,553	7,338	961,846
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	18	96	548,353	118,202	430,151	176,800	2,364	250,987
20	Manufacture of chemicals and chemical products	6	40	938,220	412,868	525,352	0	260	525,092
23	Manufacture of other non metallic mineral products	122	779	17,338,353	11,366,531	5,971,822	4,005,150	26,043	1,940,629
24	Manufacture of basic metals	1	3	12,950	2,015	10,935	0	0	10,935
25	Manufacture of fabricated metal products, except machinery and equipment	78	387	5,018,419	2,326,979	2,691,441	1,623,072	8,379	1,059,990
30	Manufacture of other transport equipment	2	5	25,670	10,415	15,255	14,400	0	855
31	Manufacture of furniture	207	955	9,782,961	3,698,663	6,084,298	2,639,731	18,756	3,425,811
32	Other manufacturing	2	5	81,750	66,820	14,930	10,800	496	3,634
C	Manufacturing	687	3,189	50,932,697	22,565,070	28,367,626	10,787,437	68,983	17,511,207
	Total	698	3,239	51,036,173	22,646,794	28,389,378	10,826,797	69,359	17,493,223

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician

Table 4: Production Account by Individual Establishment and Region (ISIC R4), 2016**TZS ('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	79	395	5,562,235	3,062,105	2,500,129	1,119,496	5,973	1,374,660
Kusini Unguja	47	253	4,639,508	2,947,659	1,691,849	815,280	8,402	868,167
Mjini Magharibi	289	1,503	34,488,447	13,636,720	20,851,727	8,600,691	44,779	12,206,258
Kaskazini Pemba	96	377	2,725,360	1,502,727	1,222,633	145,944	3,715	1,072,974
Kusini Pemba	187	711	3,620,623	1,497,583	2,123,040	145,386	6,490	1,971,164
Total	698	3,239	51,036,173	22,646,794	28,389,378	10,826,797	69,359	17,493,223

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician

Table 5: Principal Indicators by Industrial Activity (ISIC R4), 2016

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	TZS ('000')	
								Compensation of Employees	
								Per employee per month	As a percent of VA
08	Other mining and quarrying	11	9,407	2,070	21	1,977	435	173	181
B	Mining and Quarrying	11	9,407	2,070	21	1,977	435	173	181
10	Manufacture of food products	60	245,592	48,793	73	180,267	35,815	558	14
11	Manufacture of beverages	1	0	0	0	(21,535)	(2,692)	123	(41)
13	Manufacture of textiles	5	4,866	2,433	71	3,448	1,724	0	0
14	Manufacture of wearing apparel	185	13,115	4,050	75	9,793	3,025	377	47
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	18	30,464	5,712	78	23,897	4,481	268	41
20	Manufacture of chemicals and chemical products	6	156,370	23,456	56	87,559	13,134	0	0
23	Manufacture of other non metallic mineral products	122	42,118	22,257	34	48,949	7,666	510	67
24	Manufacture of basic metals	1	12,950	4,317	84	10,935	3,645	0	0
25	Manufacture of fabricated metal products, except machinery and equipment	78	64,339	12,967	54	34,506	6,955	528	60
30	Manufacture of other transport equipment	2	12,835	5,134	59	7,628	3,051	400	94
31	Manufacture of furniture	207	47,490	10,244	62	29,535	6,371	375	43
32	Other manufacturing	2	40,875	16,350	18	7,465	2,986	225	72
C	Manufacturing	687	74,138	15,971	56	41,292	8,893	456	38
	Total	698	73,118	15,757	56	40,672	8,765	454	38

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician

Table 6: Principal Indicators by Industrial Activity (ISIC R4), 2016

TZS ('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
08	Other mining and quarrying	11	50	2	19	103,476	2	21,752	2	39,360	2
B	Mining and Quarrying	11	50	2	19	103,476	2	21,752	2	39,360	2
10	Manufacture of food products	60	302	9	219	14,735,495	9	10,816,003	9	1,466,111	9
11	Manufacture of beverages	1	8	0	6	0	0	(21,535)	0	8,820	0
13	Manufacture of textiles	5	10	1	0	24,332	1	17,238	1	0	1
14	Manufacture of wearing apparel	185	599	27	186	2,426,193	27	1,811,737	27	842,553	27
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	18	96	3	55	548,353	3	430,151	3	176,800	3
20	Manufacture of chemicals and chemical products	6	40	1	0	938,220	1	525,352	1	0	1
23	Manufacture of other non metallic mineral products	122	779	18	654	17,338,353	18	5,971,822	18	4,005,150	18
24	Manufacture of basic metals	1	3	0	0	12,950	0	10,935	0	0	0
25	Manufacture of fabricated metal products, except machinery and equipment	78	387	11	256	5,018,419	11	2,691,441	11	1,623,072	11
30	Manufacture of other transport equipment	2	5	0	3	25,670	0	15,255	0	14,400	0
31	Manufacture of furniture	207	955	30	587	9,782,961	30	6,084,298	30	2,639,731	30
32	Other manufacturing	2	5	0	4	81,750	0	14,930	0	10,800	0
C	Manufacturing	687	3,189	98	1,970	50,932,697	98	28,367,626	98	10,787,437	98
	Total	698	3,239	100	1,989	51,036,173	100	28,389,378	100	10,826,797	100

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 7: Detailed Intermediate Consumption by Industrial Activity (ISIC R4), 2016

		TZS ('000')						
ISIC R4	Description	Imported	Local	Electricity, water & fuel	Industrial Services Consumed	Non Industrial Services Consumed	Change in Stock	Total Intermediate Consumption
08	Other mining and quarrying	0	29,288	45,001	2,485	3,340	(1,610)	81,724
B	Mining and Quarrying	0	29,288	45,001	2,485	3,340	(1,610)	81,724
10	Manufacture of food products	117,000	3,287,240	400,889	12,630	50,367	(51,367)	3,919,493
11	Manufacture of beverages	0	2,980	6,855	300	11,400	0	21,535
13	Manufacture of textiles	0	6,790	438	0	24	158	7,094
14	Manufacture of wearing apparel	15,183	415,139	61,264	91,763	49,174	18,068	614,456
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	0	39,276	36,355	36,650	3,562	(2,360)	118,202
20	Manufacture of chemicals and chemical products	0	362,600	46,928	0	1,060	(2,280)	412,868
23	Manufacture of other non metallic mineral products	0	11,188,682	321,144	41,430	83,693	268,418	11,366,531
24	Manufacture of basic metals	0	1,950	65	0	0	0	2,015
25	Manufacture of fabricated metal products, except machinery and equipment	19,401	2,111,000	72,240	41,043	52,102	(31,192)	2,326,979
30	Manufacture of other transport equipment	0	10,415	0	0	0	0	10,415
31	Manufacture of furniture	66,878	3,253,156	149,455	69,763	78,747	(80,663)	3,698,663
32	Other manufacturing	29,180	4,000	1,850	540	3,120	(28,130)	66,820
C	Manufacturing	247,642	20,683,227	1,097,484	294,119	333,250	90,652	22,565,070
	Total	247,642	20,712,515	1,142,485	296,604	336,590	89,042	22,646,794

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 8: Components of Gross Output by Industrial Activity (ISIC R4), 2016

TZS ('000')

ISIC R4	Description	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	188,560	0	(93,584)	8,500	0	0	0	103,476
B	Mining and Quarrying	188,560	0	(93,584)	8,500	0	0	0	103,476
10	Manufacture of food products	14,395,108	135,000	2,507	200,880	2,000	0	0	4,735,495
11	Manufacture of beverages	0	0	0	0	0	0	0	0
13	Manufacture of textiles	24,546	0	(214)	0	0	0	0	24,332
14	Manufacture of wearing apparel	1,638,300	13,056	(26,808)	801,428	2,362	300	2,446	2,426,193
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	155,610	0	(1,300)	394,043	0	0	0	548,353
20	Manufacture of chemicals and chemical products	934,330	0	3,890	0	0	0	0	938,220
23	Manufacture of other non metallic mineral products	20,729,528	0	(3,435,165)	42,950	6,430	450	5,840	17,338,353
24	Manufacture of basic metals	13,000	0	(50)	0	0	0	0	12,950
25	Manufacture of fabricated metal products, except machinery and equipment	4,269,781	99,000	23,143	621,296	5,900	0	700	5,018,419
30	Manufacture of other transport equipment	22,500	0	170	3,000	0	0	0	25,670
31	Manufacture of furniture	9,265,314	222,487	(306,365)	591,565	22,060	2,000	14,100	9,782,961
32	Other manufacturing	62,530	0	16,720	1,000	4,500	0	3,000	81,750
C	Manufacturing	51,510,548	469,543	(3,723,472)	2,656,162	43,252	2,750	26,086	50,932,697
	Total	51,699,108	469,543	(3,817,056)	2,664,662	43,252	2,750	26,086	51,036,173

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 9: Stocks Held by Industrial Activity at the Beginning and the End of the Year**TZS ('000')**

Description		At the Beginning				At the End			
		Materials and supplies	Work in progress	Finished products	Goods purchased for resale	Materials and supplies	Work in progress	Finished products	Goods purchased for resale
08	Other mining and quarrying	5,340	1,040	103,064	1,400	3,730	990	9,430	1,500
B	Mining and Quarrying	5,340	1,040	103,064	1,400	3,730	990	9,430	1,500
10	Manufacture of food products	94,270	1,929	2,619	400	42,903	1,435	5,670	350
11	Manufacture of beverages	0	0	0	0	0	0	0	0
13	Manufacture of textiles	730	450	511	0	888	460	287	0
14	Manufacture of wearing apparel	30,781	12,755	61,854	3,022	48,849	15,240	29,653	5,930
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	19,820	1,450	2,400	0	17,461	1,150	1,300	100
20	Manufacture of chemicals and chemical products	26,280	1,610	39,200	3,000	24,000	1,350	42,600	3,750
23	Manufacture of other non metallic mineral products	619,651	23,140	4,020,276	867,420	888,069	24,385	881,841	569,445
24	Manufacture of basic metals	0	0	300	0	0	0	250	0
25	Manufacture of fabricated metal products, except machinery and equipment	98,246	26,235	45,085	750	67,054	22,392	71,021	1,800
30	Manufacture of other transport equipment	0	420	400	0	0	590	400	0
31	Manufacture of furniture	246,804	113,696	533,247	29,560	166,140	100,200	201,593	68,345
32	Other manufacturing	29,210	0	10,000	0	1,080	0	25,220	1,500
C	Manufacturing	1,165,791	181,685	4,715,892	904,152	1,256,443	167,202	1,259,834	651,220
Total		1,171,131	182,725	4,818,956	905,552	1,260,173	168,192	1,269,264	652,720

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 10: Number of Person Engaged on June and December by ISIC (ISIC R4), 2016

ISIC R4	Description	June					December				
		Number of persons engaged					Number of persons engaged				
		National		Foreign		Total	National		Foreign		Total
		Male	Female	Male	Female		Male	Female	Male	Female	
08	Other mining and quarrying	48	14	0	0	62	41	9	0	0	50
B	Mining and Quarrying	48	14	0	0	62	41	9	0	0	50
10	Manufacture of food products	283	15	0	0	298	287	15	0	0	302
11	Manufacture of beverages	6	1	1	0	8	6	1	1	0	8
13	Manufacture of textiles	3	7	0	0	10	3	7	0	0	10
14	Manufacture of wearing apparel	286	325	0	0	611	286	313	0	0	599
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting material	96	1	0	0	97	95	1	0	0	96
20	Manufacture of chemicals and chemical products	17	23	0	0	40	17	23	0	0	40
23	Manufacture of other non metallic mineral products	714	61	0	0	775	718	61	0	0	779
24	Manufacture of basic metals	3	0	0	0	3	3	0	0	0	3
25	Manufacture of fabricated metal products, except machinery and equipment	383	0	1	0	384	386	0	1	0	387
30	Manufacture of other transport equipment	5	0	0	0	5	5	0	0	0	5
31	Manufacture of furniture	931	6	0	0	937	949	6	0	0	955
32	Other manufacturing	5	0	0	0	5	5	0	0	0	5
C	Manufacturing	2,732	439	2	0	3,173	2,760	427	2	0	3,189
	Total	2,780	453	2	0	3,235	2,801	436	2	0	3,239

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 11: Number of Persons Engaged by Industrial Activity (ISIC R4), Employment Status and Gender, 2016

ISIC R4	Description	Working proprietors and partners		Unpaid workers		Managerial and professional staff		Operatives skilled		Operatives non skilled		Other		Grand total persons engaged		Total person engaged
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
08	Other mining and quarrying	21	4	5	1	2	0	12	0	1	4	0	0	41	9	50
B	Mining and Quarrying	21	4	5	1	2	0	12	0	1	4	0	0	41	9	50
10	Manufacture of food products	55	3	19	6	23	1	172	6	17	0	0	0	286	16	302
11	Manufacture of beverages	0	0	2	0	1	0	1	0	3	1	0	0	7	1	8
13	Manufacture of textiles	2	7	1	0	0	0	0	0	0	0	0	0	3	7	10
14	Manufacture of wearing apparel	139	197	32	45	17	5	82	51	15	15	0	1	285	314	599
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting material	21	0	20	0	3	1	42	0	6	0	3	0	95	1	96
20	Manufacture of chemicals and chemical products	17	23	0	0	0	0	0	0	0	0	0	0	17	23	40
23	Manufacture of other non metallic mineral products	80	38	7	0	97	5	440	18	85	0	9	0	718	61	779
24	Manufacture of basic metals	3	0	0	0	0	0	0	0	0	0	0	0	3	0	3
25	Manufacture of fabricated metal products, except machinery and equipment	114	0	17	0	29	0	191	0	34	0	2	0	387	0	387
30	Manufacture of other transport equipment	2	0	0	0	0	0	3	0	0	0	0	0	5	0	5
31	Manufacture of furniture	294	0	73	1	73	0	438	5	68	0	3	0	949	6	955
32	Other manufacturing	1	0	0	0	1	0	3	0	0	0	0	0	5	0	5
C	Manufacturing	728	268	171	52	244	12	1,372	80	228	16	17	1	2,760	429	3,189
	Total	749	272	176	53	246	12	1,384	80	229	20	17	1	2,801	438	3,239

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 12: Number of person Employed by Industrial Activity ISIC (ISIC R4), Employment Status and Gender, 2016

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	0	12	0	1	4	0	0	15	4	19
B	Mining and Quarrying	2	0	12	0	1	4	0	0	15	4	19
10	Manufacture of food products	23	1	172	6	17	0	0	0	212	7	219
11	Manufacture of beverages	1	0	1	0	3	1	0	0	5	1	6
13	Manufacture of textiles	0	0	0	0	0	0	0	0	0	0	0
14	Manufacture of wearing apparel	17	5	82	51	15	15	0	1	114	72	186
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting material	3	1	42	0	6	0	3	0	54	1	55
20	Manufacture of chemicals and chemical products	0	0	0	0	0	0	0	0	0	0	0
23	Manufacture of other non metallic mineral products	97	5	440	18	85	0	9	0	631	23	654
24	Manufacture of basic metals	0	0	0	0	0	0	0	0	0	0	0
25	Manufacture of fabricated metal products, except machinery and equipment	29	0	191	0	34	0	2	0	256	0	256
30	Manufacture of other transport equipment	0	0	3	0	0	0	0	0	3	0	3
31	Manufacture of furniture	73	0	438	5	68	0	3	0	582	5	587
32	Other manufacturing	1	0	3	0	0	0	0	0	4	0	4
C	Manufacturing	244	12	1,372	80	228	16	17	1	1,861	109	1,970
Total		246	12	1,384	80	229	20	17	1	1,876	113	1,989

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 13: Number of Establishments by Activity and Region (ISIC R4), 2016

ISIC R4	Description	Region					Total
		Kaskazini Unguja	Kusini Unguja	Mjini Magharibi	Kaskazini Pemba	Kusini Pemba	
081	Quarrying of stone, sand and clay	1	0	2	0	1	4
089	Mining and quarrying n.e.c.	0	0	0	7	0	7
B	Mining and Quarrying	1	0	2	7	1	11
106	Manufacture of grain mill products, starches and starch products	9	2	2	3	3	19
107	Manufacture of other food products	2	3	24	8	4	41
110	Manufacture of beverages	0	0	1	0	0	1
139	Manufacture of other textiles	0	1	0	1	3	5
141	Manufacture of wearing apparel, except fur apparel	12	1	55	22	95	185
161	Sawmilling and planing of wood	3	2	6	4	3	18
202	Manufacture of other chemical products	0	0	0	1	5	6
239	Manufacture of non metallic mineral products n.e.c.	16	23	63	7	13	122
241	Manufacture of basic iron and steel	1	0	0	0	0	1
259	Manufacture of other fabricated metal products; metalworking service activities	6	3	54	4	11	78
309	Manufacture of transport equipment n.e.c.	1	0	1	0	0	2
310	Manufacture of furniture	28	12	79	39	49	207
321	Manufacture of jewellery, bijouterie and related articles	0	0	2	0	0	2
C	Manufacturing	78	47	287	89	186	687
	Total	79	47	289	96	187	698

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 13b: Number of Persons engaged by Industrial Activity (ISIC R4), Employment Status and Gender, 2016

ISIC R4	Description	Working proprietors and partners		Unpaid workers		Managerial and professional staff		Operatives skilled		Operatives non skilled		Other		Total person engaged
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
081	Quarrying of stone, sand and clay	4	0	5	0	2	0	12	0	0	0	0	0	23
089	Mining and quarrying n.e.c.	17	4	0	1	0	0	0	0	1	4	0	0	27
B	Mining and Quarrying	21	4	5	1	2	0	12	0	1	4	0	0	50
106	Manufacture of grain mill products, starches and starch products	29	2	6	6	2	0	30	3	0	0	0	0	78
107	Manufacture of other food products	26	1	13	0	21	1	142	3	17	0	0	0	224
110	Manufacture of beverages	0	0	2	0	1	0	1	0	3	1	0	0	8
139	Manufacture of other textiles	2	7	1	0	0	0	0	0	0	0	0	0	10
141	Manufacture of wearing apparel, except fur apparel	139	197	32	45	17	5	82	51	15	15	0	1	599
161	Sawmilling and planning of wood	21	0	20	0	3	1	42	0	6	0	3	0	96
202	Manufacture of other chemical products	17	23	0	0	0	0	0	0	0	0	0	0	40
239	Manufacture of non metallic mineral products n.e.c.	80	38	7	0	97	5	440	18	85	0	9	0	779
241	Manufacture of basic iron and steel	3	0	0	0	0	0	0	0	0	0	0	0	3
259	Manufacture of other fabricated metal products; metalworking service activities	114	0	17	0	29	0	191	0	34	0	2	0	387
309	Manufacture of transport equipment n.e.c.	2	0	0	0	0	0	3	0	0	0	0	0	5
310	Manufacture of furniture	294	0	73	1	73	0	438	5	68	0	3	0	955
321	Manufacture of jewellery, bijouterie and related articles	1	0	0	0	1	0	3	0	0	0	0	0	5
C	Manufacturing	728	268	171	52	244	12	1,372	80	228	16	17	1	3,189
	Total	749	272	176	53	246	12	1,384	80	229	20	17	1	3,239

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 14: Number of Establishments by Activity and Origin of Ownership (ISIC R4), 2016

ISIC R4	Description	Origin of Ownership			
		National	Foreign	Joint	Total
081	Quarrying of stone, sand and clay	4	0	0	4
089	Mining and quarrying n.e.c.	7	0	0	7
C	Mining and Quarrying	11	0	0	11
106	Manufacture of grain mill products, starches and starch products	19	0	0	19
107	Manufacture of other food products	41	0	0	41
110	Manufacture of beverages	0	0	1	1
139	Manufacture of other textiles	5	0	0	5
141	Manufacture of wearing apparel, except fur apparel	184	1	0	185
161	Sawmilling and planing of wood	18	0	0	18
202	Manufacture of other chemical products	6	0	0	6
239	Manufacture of non metallic mineral products n.e.c.	121	1	0	122
241	Manufacture of basic iron and steel	1	0	0	1
259	Manufacture of other fabricated metal products; metalworking service activities	78	0	0	78
309	Manufacture of transport equipment n.e.c.	2	0	0	2
310	Manufacture of furniture	207	0	0	207
321	Manufacture of jewellery, bijouterie and related articles	2	0	0	2
B	Manufacturing	684	2	1	687
	Total	695	2	1	698

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 15: Number of Establishments by Activity and Form of Ownership (ISIC R4), 2016

ISIC R4	Description	Form of Ownership								Total
		Individual proprietorship	Partnership	Public	Parastatal	Cooperative	Private company	Private limited company	Other	
081	Quarrying of stone, sand and clay	3	0	0	0	1	0	0	0	4
089	Mining and quarrying n.e.c.	4	0	0	0	3	0	0	0	7
C	Mining and Quarrying	7	0	0	0	4	0	0	0	11
106	Manufacture of grain mill products, starches and starch products	14	0	0	0	5	0	0	0	19
107	Manufacture of other food products	40	0	0	0	1	0	0	0	41
110	Manufacture of beverages	0	1	0	0	0	0	0	0	1
139	Manufacture of other textiles	4	0	0	0	1	0	0	0	5
141	Manufacture of wearing apparel, except fur apparel	158	10	1	0	15	0	1	0	185
161	Sawmilling and planing of wood	16	0	0	0	2	0	0	0	18
202	Manufacture of other chemical products	0	0	0	0	5	1	0	0	6
239	Manufacture of non metallic mineral products n.e.c.	107	4	1	1	6	0	0	3	122
241	Manufacture of basic iron and steel	1	0	0	0	0	0	0	0	1
259	Manufacture of other fabricated metal products; metalworking service activities	67	6	0	0	4	0	1	0	78
309	Manufacture of transport equipment n.e.c.	2	0	0	0	0	0	0	0	2
310	Manufacture of furniture	174	8	0	0	24	0	1	0	207
321	Manufacture of jewellery, bijouterie and related articles	2	0	0	0	0	0	0	0	2
B	Manufacturing	585	29	2	1	63	1	3	3	687
	Total	592	29	2	1	67	1	3	3	698

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 16: Number of Establishments by Activity and Employment Size (ISIC R4), 2016

ISIC R4	Description	Persons Engaged					Total
		1 - 2	3 - 4	5 - 6	7 - 8	9	
081	Quarrying of stone, sand and clay	1	0	0	3	0	4
089	Mining and quarrying n.e.c.	2	2	3	0	0	7
C	Mining and Quarrying	3	2	3	3	0	11
106	Manufacture of grain mill products, starches and starch products	5	4	8	2	0	19
107	Manufacture of other food products	5	4	18	14	0	41
110	Manufacture of beverages	0	0	0	1	0	1
139	Manufacture of other textiles	4	0	1	0	0	5
141	Manufacture of wearing apparel, except fur apparel	86	47	34	16	2	185
161	Sawmilling and planing of wood	1	4	9	3	1	18
202	Manufacture of other chemical products	0	0	4	1	1	6
239	Manufacture of non metallic mineral products n.e.c.	1	10	56	46	9	122
241	Manufacture of basic iron and steel	0	1	0	0	0	1
259	Manufacture of other fabricated metal products; metal working service activities	9	22	32	14	1	78
309	Manufacture of transport equipment n.e.c.	1	1	0	0	0	2
310	Manufacture of furniture	42	56	68	34	7	207
321	Manufacture of jewellery, bijouterie and related articles	1	1	0	0	0	2
B	Manufacturing	155	150	230	131	21	687
	Total	156	152	233	134	21	698

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 17: Number of Persons Engaged by Size and Industrial Group (ISIC R4), 2016

ISIC R4	Description	Persons Engaged					Total
		1 - 2	3 - 4	5 - 6	7 - 8	9	
081	Quarrying of stone, sand and clay	1	0	0	22	0	23
089	Mining and quarrying n.e.c.	3	7	17	0	0	27
C	Mining and Quarrying	4	7	17	22	0	50
106	Manufacture of grain mill products, starches and starch products	9	14	40	15	0	78
107	Manufacture of other food products	10	12	99	103	0	224
110	Manufacture of beverages	0	0	0	8	0	8
139	Manufacture of other textiles	5	0	5	0	0	10
141	Manufacture of wearing apparel, except fur apparel	115	163	183	120	18	599
161	Sawmilling and planing of wood	2	15	48	22	9	96
202	Manufacture of other chemical products	0	0	23	8	9	40
239	Manufacture of non metallic mineral products n.e.c.	2	40	311	345	81	779
241	Manufacture of basic iron and steel	0	3	0	0	0	3
259	Manufacture of other fabricated metal products; metal working service activities	15	82	179	102	9	387
309	Manufacture of transport equipment n.e.c.	1	4	0	0	0	5
310	Manufacture of furniture	64	194	379	255	63	955
321	Manufacture of jewellery, bijouterie and related articles	2	3	0	0	0	5
B	Manufacturing	225	530	1,267	978	189	3,189
Total		229	537	1,284	1,000	189	3,239

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar.

Table 18: Number of Persons Engaged by Industrial Activity (ISIC R4) and Origin of Ownership (ISIC R4), 2016

ISIC R4	Description	Origin of Ownership			
		National	Foreign	Joint	Total
081	Quarrying of stone, sand and clay	23	0	0	23
089	Mining and quarrying n.e.c.	27	0	0	27
C	Mining and Quarrying	50	0	0	50
106	Manufacture of grain mill products, starches and starch products	78	0	0	78
107	Manufacture of other food products	224	0	0	224
110	Manufacture of beverages	0	0	8	8
139	Manufacture of other textiles	10	0	0	10
141	Manufacture of wearing apparel, except fur apparel	593	6	0	599
161	Sawmilling and planning of wood	96	0	0	96
202	Manufacture of other chemical products	40	0	0	40
239	Manufacture of non metallic mineral products n.e.c.	770	9	0	779
241	Manufacture of basic iron and steel	3	0	0	3
259	Manufacture of other fabricated metal products; metal working service activities	387	0	0	387
309	Manufacture of transport equipment n.e.c.	5	0	0	5
310	Manufacture of furniture	955	0	0	955
321	Manufacture of jewellery, bijouterie and related articles	5	0	0	5
B	Manufacturing	3,166	15	8	3,189
	Total	3,216	15	8	3,239

Source: 2016 Annual Survey of Industrial Production; Office of the 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	4	0	0	0	0	4
089	Mining and quarrying n.e.c.	7	0	0	0	0	7
C	Mining and Quarrying	11	0	0	0	0	11
106	Manufacture of grain mill products, starches and starch products	16	0	0	3	0	19
107	Manufacture of other food products	39	1	0	1	0	41
110	Manufacture of beverages	1	0	0	0	0	1
139	Manufacture of other textiles	4	0	0	0	1	5
141	Manufacture of wearing apparel, except fur apparel	175	2	1	5	2	185
161	Sawmilling and planing of wood	18	0	0	0	0	18
202	Manufacture of other chemical products	5	0	1	0	0	6
239	Manufacture of non metallic mineral products n.e.c.	110	6	0	6	0	122
241	Manufacture of basic iron and steel	1	0	0	0	0	1
259	Manufacture of other fabricated metal products; metalworking service activities	75	2	0	1	0	78
309	Manufacture of transport equipment n.e.c.	1	0	0	0	1	2
310	Manufacture of furniture	185	11	0	11	0	207
321	Manufacture of jewellery, bijouterie and related articles	0	1	0	1	0	2
B	Manufacturing	630	23	2	28	4	687
	Total	641	23	2	28	4	698

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 20: Number of Establishments by Employment Size and Region

Person Engaged	Region					Total
	Kaskazini Unguja	Kusini Unguja	Mjini Magharibi	Kaskazini Pemba	Kusini Pemba	
1 - 2	12	5	33	31	77	158
3 - 4	16	6	70	25	35	152
5 - 6	32	23	105	28	45	233
7 - 8	17	9	71	11	26	134
9	2	4	10	1	4	21
Total	79	47	289	96	187	698

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

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

Person Engaged	Origin of ownership			Total
	National	Foreign	Joint	
1 - 2	158	0	0	158
3 - 4	152	0	0	152
5 - 6	232	1	0	233
7 - 8	133	0	1	134
9	20	1	0	21
Total	695	2	1	698

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

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

Person Engaged	Form of ownership								Total
	Individual proprietorship	Partnership	Public	Parastatal	Cooperative	Private company	Private limited company	Other	
1 - 2	154	1	1	0	2	0	0	0	158
3 - 4	129	12	0	0	11	0	0	0	152
5 - 6	188	8	1	1	31	1	1	2	233
7 - 8	105	7	0	0	19	0	2	1	134
9	16	1	0	0	4	0	0	0	21
Total	592	29	2	1	67	1	3	3	698

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

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

Person Engaged	Source of finance					Total
	Personal and Relatives	Loans	Government	Other Source	Missing	
1 - 2	146	2	0	7	3	158
3 - 4	145	4	0	3	0	152
5 - 6	210	9	1	12	1	233
7 - 8	123	6	1	4	0	134
9	17	2	0	2	0	21
Total	641	23	2	28	4	698

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 24: Number of Establishment by Activity and Year Started Operation (ISIC R4), 2016

ISIC R4	Description	Year Establishment Started					Total
		Below 1990	1990-1994	1995-1999	2000-2004	2005+	
81	Quarrying of stone, sand and clay	0	0	0	0	4	4
89	Mining and quarrying n.e.c.	0	2	1	1	3	7
B	Mining and quarrying	0	2	1	1	7	11
106	Manufacture of grain mill products, starches and starch products	1	0	3	1	14	19
107	Manufacture of other food products	1	1	1	5	33	41
110	Manufacture of beverages	0	0	0	0	1	1
139	Manufacture of other textiles	0	1	1	0	3	5
141	Manufacture of wearing apparel, except fur apparel	8	6	14	20	137	185
161	Sawmilling and planing of wood	0	0	1	4	13	18
202	Manufacture of other chemical products	0	1	1	0	4	6
239	Manufacture of non-metallic mineral products n.e.c.	0	3	6	18	95	122
241	Manufacture of basic iron and steel	0	0	0	1	0	1
259	Manufacture of other fabricated metal products; metal working service activities	9	1	6	17	45	78
309	Manufacture of transport equipment n.e.c.	0	0	0	0	2	2
310	Manufacture of furniture	18	19	24	36	110	207
321	Manufacture of jewellery, bijouterie and related articles	0	0	0	0	2	2
C	Manufacturing	37	32	57	102	459	687
	Total	37	34	58	103	466	698

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 25: Evolution in Person Engaged by Activity, June to December (ISIC R4), 2016

ISIC R4	Description	June 2016			December 2016		
		Males	Females	Total	Males	Females	Total
081	Quarrying of stone, sand and clay	23	0	23	23	0	23
089	Mining and quarrying n.e.c.	25	14	39	18	9	27
B	Mining and Quarrying	48	14	62	41	9	50
106	Manufacture of grain mill products, starches and starch products	66	11	77	67	11	78
107	Manufacture of other food products	217	4	221	220	4	224
110	Manufacture of beverages	7	1	8	7	1	8
139	Manufacture of other textiles	3	7	10	3	7	10
141	Manufacture of wearing apparel, except fur apparel	286	325	611	286	313	599
161	Sawmilling and planning of wood	96	1	97	95	1	96
202	Manufacture of other chemical products	17	23	40	17	23	40
239	Manufacture of non metallic mineral products n.e.c.	714	61	775	718	61	779
241	Manufacture of basic iron and steel	3	0	3	3	0	3
259	Manufacture of other fabricated metal products; metal working service activities	384	0	384	387	0	387
309	Manufacture of transport equipment n.e.c.	5	0	5	5	0	5
310	Manufacture of furniture	931	6	937	949	6	955
321	Manufacture of jewellery, bijouterie and related articles	5	0	5	5	0	5
B	Manufacturing	2,734	439	3,173	2,762	427	3,189
Total		2,782	453	3,235	2,803	436	3,239

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 26: Production Account by Individual Establishment (ISIC R4), 2016

TZS ('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	4	23	61,230	62,946	(1,716)	34,560	236	(36,512)
089	Mining and quarrying n.e.c.	7	27	42,246	18,778	23,468	4,800	140	18,528
B	Mining and Quarrying	11	50	103,476	81,724	21,752	39,360	376	(17,984)
106	Manufacture of grain mill products, starches and starch products	19	78	365,811	184,666	181,145	78,080	1,401	101,664
107	Manufacture of other food products	41	224	14,369,684	3,734,827	10,634,857	1,388,031	3,864	9,242,962
110	Manufacture of beverages	1	8	0	21,535	(21,535)	8,820	42	(30,396)
139	Manufacture of other textiles	5	10	24,332	7,094	17,238	0	40	17,198
141	Manufacture of wearing apparel, except fur apparel	185	599	2,426,193	614,456	1,811,737	842,553	7,338	961,846
161	Sawmilling and planning of wood	18	96	548,353	118,202	430,151	176,800	2,364	250,987
202	Manufacture of other chemical products	6	40	938,220	412,868	525,352	0	260	525,092
239	Manufacture of non metallic mineral products n.e.c.	122	779	17,338,353	11,366,531	5,971,822	4,005,150	26,043	1,940,629
241	Manufacture of basic iron and steel	1	3	12,950	2,015	10,935	0	0	10,935
259	Manufacture of other fabricated metal products; metalworking service activities	78	387	5,018,419	2,326,979	2,691,441	1,623,072	8,379	1,059,990
309	Manufacture of transport equipment n.e.c.	2	5	25,670	10,415	15,255	14,400	0	855
310	Manufacture of furniture	207	955	9,782,961	3,698,663	6,084,298	2,639,731	18,756	3,425,811
321	Manufacture of jewellery, bijouterie and related articles	2	5	81,750	66,820	14,930	10,800	496	3,634
B	Manufacturing	687	3189	50,932,697	22,565,070	28,367,626	10,787,437	68,983	17,511,207
	Total	698	3239	51,036,173	22,646,794	28,389,378	10,826,797	69,359	17,493,223

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 26b: Production Account by Region and Individual Establishment (ISIC R4), 2016
TZS ('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	79	395	5,562,235	3,062,105	2,500,129	1,119,496	5,973	1,374,660
Kusini Unguja	47	253	4,639,508	2,947,659	1,691,849	815,280	8,402	868,167
Mjini Magharibi	289	,503	34,488,447	13,636,720	20,851,727	8,600,691	44,779	12,206,258
Kaskazini Pemba	96	377	2,725,360	1,502,727	1,222,633	145,944	3,715	1,072,974
Kusini Pemba	187	711	3,620,623	1,497,583	2,123,040	145,386	6,490	1,971,164
Total	698	3,239	51,036,173	22,646,794	28,389,378	10,826,797	69,359	17,493,223

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 27a: Principal Indicators by Industrial Activity (ISIC R4), 2016

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	TZS ('000')	
								Compensation to employee	
								Per employee per month	As a percent of VA
081	Quarrying of stone, sand and clay	4	15,308	2,662	(3)	(429)	(75)	206	(2,014)
089	Mining and quarrying n.e.c.	7	6,035	1,565	56	3,353	869	80	20
B	Mining and Quarrying	11	9,407	2,070	21	1,977	435	173	181
106	Manufacture of grain mill products, starches and starch products	19	19,253	4,690	50	9,534	2,322	186	43
107	Manufacture of other food products	41	350,480	64,150	74	259,387	47,477	629	13
110	Manufacture of beverages	1	0	0	0	(21,535)	(2,692)	123	(41)
139	Manufacture of other textiles	5	4,866	2,433	71	3,448	1,724	0	0
141	Manufacture of wearing apparel, except fur apparel	185	13,115	4,050	75	9,793	3,025	377	47
161	Sawmilling and planing of wood	18	30,464	5,712	78	23,897	4,481	268	41
202	Manufacture of other chemical products	6	156,370	23,456	56	87,559	13,134	0	0
239	Manufacture of non-metallic mineral products n.e.c.	122	142,118	22,257	34	48,949	7,666	510	67
241	Manufacture of basic iron and steel	1	12,950	4,317	84	10,935	3,645	0	0
259	Manufacture of other fabricated metal products; metal working service activities	78	64,339	12,967	54	34,506	6,955	528	60
309	Manufacture of transport equipment n.e.c.	2	12,835	5,134	59	7,628	3,051	400	94
310	Manufacture of furniture	207	47,490	10,244	62	29,535	6,371	375	43
321	Manufacture of jewellery, bijouterie and related articles	2	40,875	16,350	18	7,465	2,986	225	72
B	Manufacturing	687	74,138	15,971	56	41,292	8,895	456	38
	Total	698	33,118	15,757	56	40,672	8,765	454	38

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 27b: Principal Indicators by Industrial Activity (ISIC R4), 2016

TZS ('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	4	23	1	14	61,230	1	(1,716)	1	34,560	1
089	Mining and quarrying n.e.c.	7	27	1	5	42,246	1	23,468	1	4,800	1
B	Mining and Quarrying	11	50	2	19	103,476	2	21,752	2	39,360	2
106	Manufacture of grain mill products, starches and starch products	19	78	3	35	365,811	3	181,145	3	78,080	3
107	Manufacture of other food products	41	224	6	184	14,369,684	6	10,634,857	6	1,388,031	6
110	Manufacture of beverages	1	8	0	6	0	0	(21,535)	0	8,820	0
139	Manufacture of other textiles	5	10	1	0	24,332	1	17,238	1	0	1
141	Manufacture of wearing apparel, except fur apparel	185	599	27	186	2,426,193	27	1,811,737	27	842,553	27
161	Sawmilling and planing of wood	18	96	3	55	548,353	3	430,151	3	176,800	3
202	Manufacture of other chemical products	6	40	1	0	938,220	1	525,352	1	0	1
239	Manufacture of non metallic mineral products n.e.c.	122	779	18	654	7,338,353	18	5,971,822	18	4,005,150	18
241	Manufacture of basic iron and steel	1	3	0	0	12,950	0	10,935	0	0	0
259	Manufacture of other fabricated metal products; metal working service activities	78	387	11	256	5,018,419	11	2,691,441	11	1,623,072	11
309	Manufacture of transport equipment n.e.c.	2	5	0	3	25,670	0	15,255	0	14,400	0
310	Manufacture of furniture	207	955	30	587	9,782,961	30	6,084,298	30	2,639,731	30
321	Manufacture of jewellery, bijouterie and related articles	2	5	0	4	81,750	0	14,930	0	10,800	0
B	Manufacturing	687	3,189	98	1,970	50,932,697	98	28,367,626	98	10,787,437	98
	Total	698	3,239	100	1,989	51,036,173	100	28,389,378	100	10,826,797	100

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 28: Detailed Intermediate Consumption by Industrial Activity (ISIC R4), 2016

TZS ('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	0	20,380	39,121	1,215	1,770	(460)	62,946
089	Mining and quarrying n.e.c.	0	8,908	5,880	1,270	1,570	(1,150)	18,778
B	Mining and Quarrying	0	29,288	45,001	2,485	3,340	(1,610)	81,724
106	Manufacture of grain mill products, starches and starch products	0	129,502	45,713	6,635	1,696	(1,120)	184,666
107	Manufacture of other food products	117,000	3,157,738	355,176	5,995	48,671	(50,247)	3,734,827
110	Manufacture of beverages	0	2,980	6,855	300	11,400	0	21,535
139	Manufacture of other textiles	0	6,790	438	0	24	158	7,094
141	Manufacture of wearing apparel, except fur apparel	15,183	415,139	61,264	91,763	49,174	18,068	614,456
161	Sawmilling and planing of wood	0	39,276	36,355	36,650	3,562	(2,360)	118,202
202	Manufacture of other chemical products	0	362,600	46,928	0	1,060	(2,280)	412,868
239	Manufacture of non metallic mineral products n.e.c.	0	11,188,682	321,144	41,430	83,693	268,418	11,366,531
241	Manufacture of basic iron and steel	0	1,950	65	0	0	0	2,015
259	Manufacture of other fabricated metal products; metal working service activities	19,401	2,111,000	72,240	41,043	52,102	(31,192)	2,326,979
309	Manufacture of transport equipment n.e.c.	0	10,415	0	0	0	0	10,415
310	Manufacture of furniture	66,878	3,253,156	149,455	69,763	78,747	(80,663)	3,698,663
321	Manufacture of jewellery, bijouterie and related articles	29,180	4,000	1,850	540	3,120	(28,130)	66,820
B	Manufacturing	247,642	20,683,227	1,097,484	294,119	333,250	90,652	22,565,070
	Total	247,642	20,712,515	1,142,485	296,604	336,590	89,042	22,646,794

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 29: Compensation of Employee and Labour Cost by Industrial Activity

		TZS ('000')							
ISIC R4	Activity of the Establishment	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	34,560	0	0	0	0	0	140	34,700
089	Mining and quarrying n.e.c.	4,800	0	0	0	0	0	0	4,800
B	Mining and Quarrying	39,360	0	0	0	0	0	140	39,500
106	Manufacture of grain mill products, starches and starch products	78,080	0	0	0	0	0	1,440	79,520
107	Manufacture of other food products	1,371,812	0	10,800	5,419	0	0	0	1,388,031
110	Manufacture of beverages	8,820	0	0	0	0	0	0	8,820
139	Manufacture of other textiles	0	0	0	0	0	0	0	0
141	Manufacture of wearing apparel, except fur apparel	836,323	4,200	0	624	1,405	0	9,044	851,596
161	Sawmilling and planning of wood	176,800	0	0	0	0	0	0	176,800
202	Manufacture of other chemical products	0	0	0	0	0	0	0	0
239	Manufacture of non metallic mineral products n.e.c.	4,005,072	0	78	0	0	0	16,800	4,021,950
241	Manufacture of basic iron and steel	0	0	0	0	0	0	0	0
259	Manufacture of other fabricated metal products; metalworking service activities	1,616,412	0	0	5,400	1,260	0	300	1,623,372
309	Manufacture of transport equipment n.e.c.	14,400	0	0	0	0	0	0	14,400
310	Manufacture of furniture	2,637,696	200	0	600	1,235	0	10,800	2,650,531
321	Manufacture of jewellery, bijouterie and related articles	10,800	0	0	0	0	0	0	10,800
B	Manufacturing	10,756,215	4,400	10,878	12,043	3,900	0	38,384	10,825,821
Total		10,795,575	4,400	10,878	12,043	3,900	0	38,524	10,865,321

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 30: Service consumed by ISIC (ISIC R4), 2016

TZS ('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	0	1,215	330	0	1,440	0	0	0	0	2,985
089	Mining and quarrying n.e.c.	0	1,070	60	0	1,300	0	0	0	0	2,840
B	Mining and Quarrying	0	2,285	390	0	2,740	0	0	0	0	5,825
106	Manufacture of grain mill products, starches and starch products	2,050	4,585	1,420	0	0	36	0	0	0	8,331
107	Manufacture of other food products	2,480	3,515	2,112	15,180	26,247	0	0	0	0	54,666
110	Manufacture of beverages	0	300	250	11,150	0	0	0	0	0	11,700
139	Manufacture of other textiles	0	0	0	0	24	0	0	0	0	24
141	Manufacture of wearing apparel, except fur apparel	67,286	9,411	2,186	41,367	607	430	250	0	2,235	140,937
161	Sawmilling and planning of wood	29,300	6,050	462	3,000	100	0	0	0	0	40,212
202	Manufacture of other chemical products	0	0	170	0	800	90	0	0	0	1,060
239	Manufacture of non metallic mineral products n.e.c.	2,750	38,880	4,273	51,534	27,876	10	0	0	0	125,123
241	Manufacture of basic iron and steel	0	0	0	0	0	0	0	0	0	0
259	Manufacture of other fabricated metal products; metalworking service activities	26,620	8,123	2,478	37,804	7,432	132	0	3,600	360	93,145
309	Manufacture of transport equipment n.e.c.	0	0	0	0	0	0	0	0	0	0
310	Manufacture of furniture	40,049	23,846	8,312	45,315	21,480	0	0	0	1,140	148,510
321	Manufacture of jewellery, bijouterie and related articles	0	540	120	3,000	0	0	0	0	0	3,660
B	Manufacturing	170,535	95,250	21,783	208,350	84,567	698	250	3,600	3,735	627,369
Total		170,535	97,535	22,173	208,350	87,307	698	250	3,600	3,735	633,194

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 31: Number of Person Engaged by Activity ISIC (ISIC R4), 2016

ISIC R4	Description	June					December				
		Number of persons engaged		Number of persons engaged		Total	Number of persons engaged		Number of persons engaged		Total
		Male	Female	Male	Female		Male	Female	Male	Female	
081	Quarrying of stone, sand and clay	23	0	0	0	23	23	0	0	0	23
089	Mining and quarrying n.e.c.	25	14	0	0	39	18	9	0	0	27
B	Mining and Quarrying	48	14	0	0	62	41	9	0	0	50
106	Manufacture of grain mill products, starches and starch products	66	11	0	0	77	67	11	0	0	78
107	Manufacture of other food products	217	4	0	0	221	220	4	0	0	224
110	Manufacture of beverages	6	1	1	0	8	6	1	1	0	8
139	Manufacture of other textiles	3	7	0	0	10	3	7	0	0	10
141	Manufacture of wearing apparel, except fur apparel	286	325	0	0	611	286	313	0	0	599
161	Sawmilling and planning of wood	96	1	0	0	97	95	1	0	0	96
202	Manufacture of other chemical products	17	23	0	0	40	17	23	0	0	40
239	Manufacture of non-metallic mineral products n.e.c.	714	61	0	0	775	718	61	0	0	779
241	Manufacture of basic iron and steel	3	0	0	0	3	3	0	0	0	3
259	Manufacture of other fabricated metal products; metal working service activities	383	0	1	0	384	386	0	1	0	387
309	Manufacture of transport equipment n.e.c.	5	0	0	0	5	5	0	0	0	5
310	Manufacture of furniture	931	6	0	0	937	949	6	0	0	955
321	Manufacture of jewellery, bijouterie and related articles	5	0	0	0	5	5	0	0	0	5
B	Manufacturing	2,732	439	2	0	3,173	2,760	427	2	0	3,189
	Total	2,780	453	2	0	3,235	2,801	436	2	0	3,239

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table32: Components of Gross Output by Industrial Activity (ISIC R4), 2016

						TZS ('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	148,260	0	(92,630)	5,600	0	0	0	61,230
089	Mining and quarrying n.e.c.	40,300	0	(954)	2,900	0	0	0	42,246
B	Mining and Quarrying	188,560	0	(93,584)	8,500	0	0	0	103,476
106	Manufacture of grain mill products, starches and starch products	184,641	0	0	181,170	0	0	0	365,811
107	Manufacture of other food products	14,210,467	135,000	2,507	19,710	2,000	0	0	14,369,684
110	Manufacture of beverages	0	0	0	0	0	0	0	0
139	Manufacture of other textiles	24,546	0	(214)	0	0	0	0	24,332
141	Manufacture of wearing apparel, except fur apparel	1,638,300	13,056	(26,808)	801,428	2,362	300	2,446	2,426,193
161	Sawmilling and planing of wood	155,610	0	(1,300)	394,043	0	0	0	548,353
202	Manufacture of other chemical products	934,330	0	3,890	0	0	0	0	938,220
239	Manufacture of non metallic mineral products n.e.c.	20,729,528	0	(3,435,165)	42,950	6,430	450	5,840	17,338,353
241	Manufacture of basic iron and steel	13,000	0	(50)	0	0	0	0	12,950
259	Manufacture of other fabricated metal products; metal working service activities	4,269,781	99,000	23,143	621,296	5,900	0	700	5,018,419
309	Manufacture of transport equipment n.e.c.	22,500	0	170	3,000	0	0	0	25,670
310	Manufacture of furniture	9,265,314	222,487	(306,365)	591,565	22,060	2,000	14,100	9,782,961
321	Manufacture of jewellery, bijouterie and related articles	62,530	0	16,720	1,000	4,500	0	3,000	81,750
B	Manufacturing	51,510,548	469,543	(3,723,472)	2,656,162	43,252	2,750	26,086	50,932,697
Total		51,699,108	469,543	(3,817,056)	2,664,662	43,252	2,750	26,086	51,036,173

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 33: Electricity, Water and Fuels Consumed by Industrial Activity (ISIC R4), 2016**TZS ('000')**

ISIC R4	Description	Electricity	Water	Gas	Fuel for machines and vehicles	Wood, charcoal and peat	Other fuels	Total
081	Quarrying of stone, sand and clay	4,520	0	0	32,256	0	2,345	39,121
089	Mining and quarrying n.e.c.	0	0	0	5,680	0	200	5,880
B	Mining and Quarrying	4,520	0	0	37,936	0	2,545	45,001
106	Manufacture of grain mill products, starches and starch products	34,680	144	0	10,240	0	649	46,313
107	Manufacture of other food products	95,247	8,627	11,040	24,996	210,656	4,610	355,176
110	Manufacture of beverages	4,000	455	0	2,400	0	0	6,855
139	Manufacture of other textiles	240	120	0	78	0	0	438
141	Manufacture of wearing apparel, except fur apparel	53,695	0	0	3,534	1,718	2,317	64,646
161	Sawmilling and planning of wood	33,480	4	0	1,648	0	1,223	36,355
202	Manufacture of other chemical products	780	1,496	0	9,980	34,600	72	46,928
239	Manufacture of non metallic mineral products n.e.c.	171,771	21,946	6,780	110,536	6,660	3,451	321,144
241	Manufacture of basic iron and steel	65	0	0	0	0	0	65
259	Manufacture of other fabricated metal products; metal working service activities	47,631	0	150	2,960	19,700	1,800	78,338
309	Manufacture of transport equipment n.e.c.	0	0	0	0	0	0	0
310	Manufacture of furniture	127,569	2	36	19,367	0	2,481	148,319
321	Manufacture of jewellery, bijouterie and related articles	1,550	0	300	0	0	0	1,850
B	Manufacturing	570,707	32,794	18,306	185,739	273,334	16,603	1,106,427
Total		575,227	32,794	18,306	223,675	273,334	19,148	1,151,428

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table34a: Sales of Goods by Product Category and Origin, 2016

TZS ('000')

CPC CODE	Description	Local Sold Value	Exported Value	Total
0	Missing	0	0	0
16200	Salt and pure sodium chloride; sea water	40,300	0	40,300
22221	Evaporated milk	3,600	0	3,600
23140	Other cereal grain products (including corn flakes)	184,281	0	184,281
23410	Crisp bread; rusks, toasted bread and similar toasted products	64,480	0	64,480
23430	Pastry goods and cakes	57,600	0	57,600
23490	Bread and other bakers' wares	13,908,387	0	13,908,387
23710	Uncooked pasta, not stuffed or otherwise prepared	0	135,000	135,000
24410	Bottled waters, not sweetened or flavoured	0	0	0
27130	Curtains (including drapes) and interior blinds; curtain or bed valances	161,384	0	161,384
27180	Quilts, eiderdowns, cushions, pouffes, pillows, sleeping bags and the like, fitted with springs or stuffed or internally	206,895	0	206,895
27190	Other made up textile articles (including floorcloths, dishcloths, dusters and similar cleaning cloths, lifejackets a	144	0	144
27290	Other carpets and textile floor coverings (including those of felt)	6,000	0	6,000
27310	Twine, cordage, rope and cables	0	0	0
27320	Knotted netting of twine, cordage or rope; made up nets of textile materials; articles of yarn, strip, twine, cordage, r	12,156	0	12,156
28221	Men's or boys' suits, coats, jackets, trousers, shorts and the like, knitted or crocheted	109,380	3,800	113,180
28222	Men's or boys' shirts, underpants, pyjamas, dressing gowns and similar articles, knitted or crocheted	293,428	0	293,428
28223	Women's or girls' suits, coats, jackets, dresses, skirts, trousers, shorts and the like, knitted or crocheted	407,204	0	407,204
28224	Women's or girls' blouses, shirts, petticoats, panties, nightdresses, dressing gowns and similar articles, knitted or cr	250,740	8,856	259,596
28227	Babies' garments and clothing accessories, knitted or crocheted	54,320	400	54,720
28238	Handkerchiefs, shawls, scarves, veils, ties, cravats, gloves and other madeup clothing accessories, of textile fabric,	13,665	0	13,665
28262	Hats and other headgear, of felt, or plaited or made by assembling strips of any material, or knitted or crocheted or ma	1,760	0	1,760
29490	Other sports footwear, except skating boots	180,000	0	180,000
31100	Wood, sawn or chipped lengthwise, sliced or peeled, of a thickness exceeding 6 mm; railway or tramway sleepers	397,260	0	397,260
31310	Wood in the rough, treated with paint, stains, creosote or other preservatives	64,800	0	64,800
31520	Dandified wood	74,250	0	74,250
34140	Carboxylic acids and their anhydrides, halides, peroxides and proxyacids and their halogenated, sulphonated, nitrated o	0	0	0
34520	Sulphur, except sublimed sulphur, precipitated sulphur and colloidal sulphur	273,000	0	273,000
34550	Animal or vegetable fats and oils and their fractions, chemically modified, except those hydrogenated, inter0esterified,	48,000	0	48,000
35322	Detergents and washing preparations	127,330	0	127,330
35410	Essential oils and concentrates, aqueous distillates and aqueous solutions thereof; resinoids; terpenic by0products of t	757,500	0	757,500
37111	Glass in the mass, in balls (except microspheres), rods or tubes, unworked; waste and scrap of glass	1,700	0	1,700
37114	Glass in sheets, bent, edge0worked, engraved, drilled, enamelled or otherwise worked, but not framed, etc.	54,000	0	54,000

CPC CODE	Description	Local Sold Value	Exported Value	Total
37350	Nonrefractory ceramic building bricks, flooring blocks, support or filler tiles, roofing tiles, chimney pots, cowl, ch	91,280	0	91,280
37520	Boards, blocks and similar articles of vegetable fibre, straw or wood waste agglomerated with mineral binders	18,380,748	0	18,380,748
37560	Other articles of cement, concrete or artificial stone	1,911,530	0	1,911,530
38112	Seats, primarily with wooden frames	95,870	750	96,620
38122	Other wooden furniture, of a kind used in offices	450,015	0	450,015
38130	Other wooden furniture, of a kind used in the kitchen	2,780	0	2,780
38140	Other furniture n.e.c	8,442,642	147,427	8,590,069
38160	Parts of furniture	6,500	0	6,500
38240	Jewellery and other articles of precious metal or of metal clad with precious metal; articles of natural or cultured pearl	53,570	0	53,570
38961	Paintings, drawings and pastels; original engravings, prints and lithographs; original sculptures and statuary, in any m	19,200	0	19,200
39140	Beet pulp, biogas and other waste of sugar manufacture	8,400	0	8,400
41534	Plates, sheets and strip, of aluminium, of a thickness exceeding 0.2 mm	5,000	0	5,000
42912	Table, kitchen or other household articles and parts thereof, of iron, steel, copper or aluminium; cooking or heating ap	601,802	0	601,802
42913	Knives (except for machines) and scissors, and blades there for	7,500	0	7,500
42921	Hand tools (including hand tools of a kind used in agriculture, horticulture or forestry, hand saws, files, pliers and m	116,784	0	116,784
42922	Interchangeable tools for hand tools or for machine tools, including dies for drawing or extruding metal, and rock drill	13,440	0	13,440
42931	Tanks, casks, drums, cans, boxes and similar containers (other than for compressed or liquefied gas) of iron, steel or a	46,320	0	46,320
42942	Stranded wire, cables, plaited bands and the like, of copper or aluminium, not electrically insulated	11,520	0	11,520
42943	Cloth, grill, netting and fencing, of iron or steel wire; expanded metal of iron or steel	2,420,471	99,000	2,519,471
42944	Nails, tacks, staples (except staples in strips), screws, bolts, nuts, screw hooks, rivets, cotters, cotter pins, washer	21,250	0	21,250
42945	Springs and leaves for springs, of iron or steel	51,200	0	51,200
42950	Wire, rods, tubes, plates, electrodes and similar products, of base metal or of metal carbides, coated or cored with flu	58,816	0	58,816
42993	Armoured or reinforced safes, strong boxes and doors and safe deposit lockers for strong rooms, cash or deed boxes and t	51,840	0	51,840
43530	Forklift trucks; other works trucks whether or not fitted with lifting or handling equipment; tractors of the type used	28,300	0	28,300
44112	Harrows, scarifiers, cultivators, weeders and hoes	200	0	200
88140	Vegetable and animal oil and fat manufacturing services	31,500	0	31,500
88221	Wearing apparel manufacturing services, except fur apparel	80	0	80
88429	Manmade fibre manufacturing services	7,350	0	7,350
88774	Mining, quarrying and construction machinery manufacturing services	148,260	0	148,260
99998	Other	861,375	74,310	935,685
99999	Total	51,699,108	469,543	52,168,651

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 34b: Value and Percentage of Sales from Own Production **TZS ('000')**

Description	Value of Sales	Percent
Local sold value	51,699,108	99
Exported Value	469,543	1
Total	52,168,651	100

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 35: Net Investment at the End of the Year by Industrial Activity (ISIC R4), 2016**TZS ('000')**

ISIC R4	Description	Land		Buildings and other construction works		Transport equipment		Machinery and other equipment		Other		Total		Total: G.F.C.F	Total: Value of fixed Assets
		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	0	150,000	0	14,880	0	37,500	0	105,400	0	0	0	307,780	0	307,780
089	Mining and quarrying n.e.c.	0	0	0	45,600	0	0	0	2,257	30	31,982	30	79,839	30	79,839
B	Mining and quarrying	0	150,000	0	60,480	0	37,500	0	107,657	30	31,982	30	387,619	30	387,619
106	Manufacture of grain mill products, starches and starch products	0	3,744	0	429,260	0	0	1,200	201,183	0	3,360	1,200	637,547	1,200	637,547
107	Manufacture of other food products	0	3,384	0	909,454	0	26,241	1,000	169,171	220	14,794	1,220	1,123,044	1,220	1,123,044
110	Manufacture of beverages	0	0	0	0	0	16,500	0	16,112	0	0	0	32,612	0	32,612
139	Manufacture of other textiles	0	0	0	480	0	0	0	878	0	0	0	1,358	0	1,358
141	Manufacture of wearing apparel, except fur apparel	0	45,010	0	282,726	0	0	6,125	183,535	190	9,247	6,315	520,518	6,315	520,518
161	Sawmilling and planing of wood	0	261,120	0	213,888	0	0	2,560	227,225	0	88	2,560	702,320	2,560	702,320
202	Manufacture of other chemical products	0	768	0	46,080	0	3,000	1	92,182	0	0	1	142,030	1	142,030
239	Manufacture of non metallic mineral products n.e.c.	1,000	1,456,440	2,000	506,544	0	772,725	7,000	711,241	0	20,288	10,000	3,467,238	10,000	3,527,388
241	Manufacture of basic iron and steel	0	2,125	0	0	0	0	0	0	0	0	0	2,125	0	2,125
259	Manufacture of other fabricated metal products; metalworking service activities	0	180,510	0	416,734	0	0	2,720	281,005	300	2,628	3,020	880,876	3,020	880,876
309	Manufacture of transport equipment n.e.c.	0	850	0	0	0	0	0	94	0	0	0	944	0	944
310	Manufacture of furniture	12,000	210,532	300	557,610	0	100,305	16,890	814,589	895	12,676	30,085	1,695,712	30,085	1,695,712
321	Manufacture of jewellery, bijouterie and related articles	0	0	0	0	0	0	0	1,046	0	0	0	1,046	0	1,046
C	Manufacturing	13,000	2,164,483	2,300	3,362,776	0	918,771	37,496	2,698,260	1,605	63,080	54,401	9,207,369	54,401	9,267,519
	Total	13,000	2,314,483	2,300	3,423,256	0	956,271	37,496	2,805,917	1,635	95,062	54,431	9,594,988	54,431	9,655,138

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 36: Value of Fixed Assets at the End of the Year by Industrial Activity and Type (ISIC R4), 2016

ISIC R4	Description	Land	Buildings and other construction works	Transport equipment	Machinery and other equipment	Other	Total
081	Quarrying of stone, sand and clay	150,000	14,880	37,500	105,400	0	307,780
089	Mining and quarrying n.e.c.	0	45,600	0	2,257	31,982	79,839
B	Mining and Quarrying	150,000	60,480	37,500	107,657	31,982	387,619
106	Manufacture of grain mill products, starches and starch products	3,744	429,260	0	201,183	3,360	637,547
107	Manufacture of other food products	3,384	909,454	26,241	169,171	14,794	1,123,044
110	Manufacture of beverages	0	0	16,500	16,112	0	32,612
139	Manufacture of other textiles	0	480	0	878	0	1,358
141	Manufacture of wearing apparel, except fur apparel	45,010	282,726	0	183,535	9,247	520,518
161	Sawmilling and planing of wood	261,120	213,888	0	227,225	88	702,320
202	Manufacture of other chemical products	768	46,080	3,000	92,182	0	142,030
239	Manufacture of non-metallic mineral products n.e.c.	1,456,440	506,544	772,725	711,241	20,288	3,467,238
241	Manufacture of basic iron and steel	2,125	0	0	0	0	2,125
259	Manufacture of other fabricated metal products; metalworking service activities	180,510	416,734	0	281,005	2,628	880,876
309	Manufacture of transport equipment n.e.c.	850	0	0	94	0	944
310	Manufacture of furniture	210,532	557,610	100,305	814,589	12,676	1,695,712
321	Manufacture of jewellery, bijouterie and related articles	0	0	0	1,046	0	1,046
B	Manufacturing	2,164,483	3,362,776	918,771	2,698,260	63,080	9,207,369
Total		2,314,483	3,423,256	956,271	2,805,917	95,062	9,594,988

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 37: Change in Stock by Industrial Activity (ISIC R4), 2016

TZS ('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	(460)	0	(92,630)	0	(93,090)
089	Mining and quarrying n.e.c.	(1,150)	(50)	(1,004)	100	(2,104)
B	Mining and Quarrying	(1,610)	(50)	(93,634)	100	(95,194)
106	Manufacture of grain mill products, starches and starch products	(1,120)	0	0	0	(1,120)
107	Manufacture of other food products	(50,247)	(494)	3,051	(50)	(47,740)
110	Manufacture of beverages	0	0	0	0	0
139	Manufacture of other textiles	158	10	(224)	0	(56)
141	Manufacture of wearing apparel, except fur apparel	18,068	2,485	(32,201)	2,908	(8,740)
161	Sawmilling and planing of wood	(2,360)	(300)	(1,100)	100	(3,660)
202	Manufacture of other chemical products	(2,280)	(260)	3,400	750	1,610
239	Manufacture of non-metallic mineral products n.e.c.	268,418	1,245	(3,138,435)	(297,975)	(3,166,748)
241	Manufacture of basic iron and steel	0	0	(50)	0	(50)
259	Manufacture of other fabricated metal products; metal working service activities	(31,192)	(3,843)	25,936	1,050	(8,050)
309	Manufacture of transport equipment n.e.c.	0	170	0	0	170
310	Manufacture of furniture	(80,663)	(13,496)	(331,654)	38,785	(387,028)
321	Manufacture of jewellery, bijouterie and related articles	(28,130)	0	15,220	1,500	(11,410)
B	Manufacturing	118,782	(14,483)	(3,471,277)	(254,432)	(3,621,411)
	Total	89,042	(14,533)	(3,549,691)	(252,832)	(3,728,015)

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 38: Major Challenges Facing Industries in Zanzibar, 2016

Challenges	No of Response rate	Percent of Response rate
Shortage of customer	492	20
Insufficient raw material	317	13
High taxes	204	8
Insufficient production capacity	210	8
Shortage of qualified labour	71	3
Lack of equipment	70	3
Transport problem	68	3
Lack of production area	121	5
Inadequate supply of electricity	149	6
Economic environment	120	5
High cost of production	188	7
Financial problem	295	12
Foreign currency	1	0
Inflation	79	3
Depreciation of currency	46	2
Illegal imports	2	0
Inadequate supply of water	13	1
Feasibility study	11	0
Other	55	2
Total	2,512	100

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 39: Utilization of Production Capacity by Activity in Percentage

ISIC R4	Description	Capacity utilization
081	Quarrying of stone, sand and clay	60
089	Mining and quarrying n.e.c.	46
106	Manufacture of grain mill products, starches and starch products	67
107	Manufacture of other food products	65
110	Manufacture of beverages	45
139	Manufacture of other textiles	52
141	Manufacture of wearing apparel, except fur apparel	54
161	Sawmilling and planning of wood	68
202	Manufacture of other chemical products	55
239	Manufacture of nonmetallic mineral products n.e.c.	63
241	Manufacture of basic iron and steel	50
259	Manufacture of other fabricated metal products; metal working service activities	58
309	Manufacture of transport equipment n.e.c.	38
310	Manufacture of furniture	59
321	Manufacture of jewellery, bijouterie and related articles	55
Total		59

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 40: Number of Establishments by Activity and Form of Ownership (ISIC R4), 2016

ISIC R4	Description	Form of Ownership								Total
		Individual proprietorship	Partnership	Public	Parastatal	Cooperative	Private company	Private limited company	Other	
0810	Quarrying of stone, sand and clay	3	0	0	0	1	0	0	0	4
0893	Extraction of salt	4	0	0	0	3	0	0	0	7
B	Mining and Quarrying	7	0	0	0	4	0	0	0	11
1061	Manufacture of grain mill products	14	0	0	0	5	0	0	0	19
1071	Manufacture of bakery products	39	0	0	0	1	0	0	0	40
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	1	0	0	0	0	0	0	0	1
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	0	1	0	0	0	0	0	0	1
1393	Manufacture of carpets and rugs	1	0	0	0	0	0	0	0	1
1394	Manufacture of cordage, rope, twine and netting	3	0	0	0	1	0	0	0	4
1410	Manufacture of wearing apparel, except fur apparel	158	10	1	0	15	0	1	0	185
1610	Sawmilling and planning of wood	16	0	0	0	2	0	0	0	18
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	0	0	0	0	2	1	0	0	3
2029	Manufacture of other chemical products n.e.c.	0	0	0	0	3	0	0	0	3
2391	Manufacture of refractory products	0	0	0	0	2	0	0	0	2
2395	Manufacture of articles of concrete, cement and plaster	107	4	1	1	4	0	0	3	120
2410	Manufacture of basic iron and steel	1	0	0	0	0	0	0	0	1
2593	Manufacture of cutlery, hand tools and general hardware	5	0	0	0	1	0	0	0	6
2599	Manufacture of other fabricated metal products n.e.c.	62	6	0	0	3	0	1	0	72
3099	Manufacture of other transport equipment n.e.c.	2	0	0	0	0	0	0	0	2
3100	Manufacture of furniture	174	8	0	0	24	0	1	0	207
3211	Manufacture of jewellery and related articles	2	0	0	0	0	0	0	0	2
C	Manufacturing	585	29	2	1	63	1	3	3	687
	Total	592	29	2	1	67	1	3	3	698

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 41: Number of Establishments by Activity and Employment Size (ISIC R4), 2016

ISIC R4	Description	Persons Engaged					Total
		1 - 2	3 - 4	5 - 6	7 - 8	9	
0810	Quarrying of stone, sand and clay	1	0	0	3	0	4
0893	Extraction of salt	2	2	3	0	0	7
B	Mining and Quarrying	3	2	3	3	0	11
1061	Manufacture of grain mill products	5	4	8	2	0	19
1071	Manufacture of bakery products	5	4	17	14	0	40
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	0	0	1	0	0	1
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	0	0	0	1	0	1
1393	Manufacture of carpets and rugs	1	0	0	0	0	1
1394	Manufacture of cordage, rope, twine and netting	3	0	1	0	0	4
1410	Manufacture of wearing apparel, except fur apparel	86	47	34	16	2	185
1610	Sawmilling and planing of wood	1	4	9	3	1	18
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	0	0	1	1	1	3
2029	Manufacture of other chemical products n.e.c.	0	0	3	0	0	3
2391	Manufacture of refractory products	0	1	0	1	0	2
2395	Manufacture of articles of concrete, cement and plaster	1	9	56	45	9	120
2410	Manufacture of basic iron and steel	0	1	0	0	0	1
2593	Manufacture of cutlery, hand tools and general hardware	0	2	4	0	0	6
2599	Manufacture of other fabricated metal products n.e.c.	9	20	28	14	1	72
3099	Manufacture of other transport equipment n.e.c.	1	1	0	0	0	2
3100	Manufacture of furniture	42	56	68	34	7	207
3211	Manufacture of jewellery and related articles	1	1	0	0	0	2
C	Manufacturing	155	150	230	131	21	687
Total		158	152	233	134	21	698

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 42: Production Account by Individual Establishment (ISIC R4), 2016

TZS ('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
0810	Quarrying of stone, sand and clay	4	23	61,230	62,946	(1,716)	34,560	236	(36,512)
0893	Extraction of salt	7	27	42,246	18,778	23,468	4,800	140	18,528
B	Mining and Quarrying	11	50	103,476	81,724	21,752	39,360	376	(17,984)
1061	Manufacture of grain mill products	19	78	365,811	184,666	181,145	78,080	1,401	101,664
1071	Manufacture of bakery products	40	218	14,234,684	3,622,287	10,612,397	1,374,591	3,704	9,234,102
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	1	6	135,000	112,540	22,460	13,440	160	8,860
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	1	8	0	21,535	(21,535)	8,820	42	(30,396)
1393	Manufacture of carpets and rugs	1	2	5,930	2,984	2,946	0	40	2,906
1394	Manufacture of cordage, rope, twine and netting	4	8	18,402	4,110	14,292	0	0	14,292
1410	Manufacture of wearing apparel, except fur apparel	185	599	2,426,193	614,456	1,811,737	842,553	7,338	961,846
1610	Sawmilling and planning of wood	18	96	548,353	118,202	430,151	176,800	2,364	250,987
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	3	23	128,970	37,636	91,334	0	100	91,234
2029	Manufacture of other chemical products n.e.c.	3	17	809,250	375,232	434,018	0	160	433,858
2391	Manufacture of refractory products	2	11	4,393	774	3,618	1,800	0	1,818
2395	Manufacture of articles of concrete, cement and plaster	120	768	17,333,961	11,365,757	5,968,204	4,003,350	26,043	1,938,811
2410	Manufacture of basic iron and steel	1	3	12,950	2,015	10,935	0	0	10,935
2593	Manufacture of cutlery, hand tools and general hardware	6	30	133,356	33,048	100,308	42,600	0	57,708
2599	Manufacture of other fabricated metal products n.e.c.	72	357	4,885,064	2,293,931	2,591,133	1,580,472	8,379	1,002,282
3099	Manufacture of other transport equipment n.e.c.	2	5	25,670	10,415	15,255	14,400	0	855
3100	Manufacture of furniture	207	955	9,782,961	3,698,663	6,084,298	2,639,731	18,756	3,425,811
3211	Manufacture of jewellery and related articles	2	5	81,750	66,820	14,930	10,800	496	3,634
C	Manufacturing	687	3,189	50,932,697	22,565,070	28,367,626	10,787,437	68,983	17,511,207
	Total	698	3,239	51,036,173	22,646,794	28,389,378	10,826,797	69,359	17,493,223

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 43: Production Account by Individual Establishment (ISIC R4), 2016

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	79	395	5,562,235	3,062,105	2,500,129	1,119,496	5,973	1,374,660
Kusini Unguja	47	253	4,639,508	2,947,659	1,691,849	815,280	8,402	868,167
Mjini Magharibi	289	1,503	34,488,447	13,636,720	20,851,727	8,600,691	44,779	12,206,258
Kaskazini Pemba	96	377	2,725,360	1,502,727	1,222,633	145,944	3,715	1,072,974
Kusini Pemba	187	711	3,620,623	1,497,583	2,123,040	145,386	6,490	1,971,164
Total	698	3,239	51,036,173	22,646,794	28,389,378	10,826,797	69,359	17,493,223

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 44: Principal Indicators by Industrial Activity (ISIC R4), 2016

								TZS ('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 Employees	
								Per employee per month	As a percent of VA
0810	Quarrying of stone, sand and clay	4	15,308	2,662	(3)	(429)	(75)	206	(2,014)
0893	Extraction of salt	7	6,035	1,565	56	3,353	869	80	20
B	Mining and Quarrying	11	9,407	2,070	53	1,977	435	173	181
1061	Manufacture of grain mill products	19	19,253	4,690	50	9,534	2,322	186	43
1071	Manufacture of bakery products	40	355,867	65,297	75	265,310	48,681	636	13
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	1	135,000	22,500	17	22,460	3,743	280	60
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	1	0	0		(21,535)	(2,692)	123	(41)
1393	Manufacture of carpets and rugs	1	5,930	2,965	50	2,946	1,473	0	0
1394	Manufacture of cordage, rope, twine and netting	4	4,601	2,300	78	3,573	1,787	0	0
1410	Manufacture of wearing apparel, except fur apparel	185	13,115	4,050	75	9,793	3,025	377	47
1610	Sawmilling and planing of wood	18	30,464	5,712	78	23,897	4,481	268	41
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	3	42,990	5,607	71	30,445	3,971	0	0
2029	Manufacture of other chemical products n.e.c.	3	269,750	47,603	54	144,673	25,530	0	0
2391	Manufacture of refractory products	2	2,196	399	82	1,809	329	21	50
2395	Manufacture of articles of concrete, cement and plaster	120	144,450	22,570	34	49,735	7,771	516	67
2410	Manufacture of basic iron and steel	1	12,950	4,317	84	10,935	3,645	0	0
2593	Manufacture of cutlery, hand tools and general hardware	6	22,226	4,445	75	16,718	3,344	254	42
2599	Manufacture of other fabricated metal products n.e.c.	72	67,848	13,684	53	35,988	7,258	544	61
3099	Manufacture of other transport equipment n.e.c.	2	12,835	5,134	59	7,628	3,051	400	94
3100	Manufacture of furniture	207	47,490	10,244	62	29,535	6,371	375	43
3211	Manufacture of jewellery and related articles	2	40,875	16,350	18	7,465	2,986	225	72
C	Manufacturing	687	74,138	15,971	56	41,292	8,895	456	38
	Total	698	33,118	15,757	56	40,672	8,765	454	38

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 45: Principal Indicators by Industrial Activity (ISIC R4), 2016

TZS ('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	4	23	1	14	61,230	1	(1,716)	1	34,560	1
0893	Extraction of salt	7	27	1	5	42,246	1	23,468	1	4,800	1
B	Mining and Quarrying	11	50	2	19	103,476	2	21,752	2	39,360	2
1061	Manufacture of grain mill products	19	78	3	35	365,811	3	181,145	3	78,080	3
1071	Manufacture of bakery products	40	218	6	180	14,234,684	6	10,612,397	6	1,374,591	6
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	1	6	0	4	135,000	0	22,460	0	13,440	0
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	1	8	0	6	0	0	(21,535)	0	8,820	0
1393	Manufacture of carpets and rugs	1	2	0	0	5,930	0	2,946	0	0	0
1394	Manufacture of cordage, rope, twine and netting	4	8	1	0	18,402	1	14,292	1	0	1
1410	Manufacture of wearing apparel, except fur apparel	185	599	27	186	2,426,193	27	1,811,737	27	842,553	27
1610	Sawmilling and planning of wood	18	96	3	55	548,353	3	430,151	3	176,800	3
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	3	23	0	0	128,970	0	91,334	0	0	0
2029	Manufacture of other chemical products n.e.c.	3	17	0	0	809,250	0	434,018	0	0	0
2391	Manufacture of refractory products	2	11	0	7	4,393	0	3,618	0	1,800	0
2395	Manufacture of articles of concrete, cement and plaster	120	768	17	647	17,333,961	17	5,968,204	17	4,003,350	17
2410	Manufacture of basic iron and steel	1	3	0	0	12,950	0	10,935	0	0	0
2593	Manufacture of cutlery, hand tools and general hardware	6	30	1	14	133,356	1	100,308	1	42,600	1
2599	Manufacture of other fabricated metal products n.e.c.	72	357	10	242	4,885,064	10	2,591,133	10	1,580,472	10
3099	Manufacture of other transport equipment n.e.c.	2	5	0	3	25,670	0	15,255	0	14,400	0
3100	Manufacture of furniture	207	955	30	587	9,782,961	30	6,084,298	30	2,639,731	30
3211	Manufacture of jewellery and related articles	2	5	0	4	81,750	0	14,930	0	10,800	0
C	Manufacturing	687	3,189	98	1,970	50,932,697	98	28,367,626	98	10,787,437	98
	Total	698	3,239	100	1,989	51,036,173	100	28,389,378	100	10,826,797	100

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 46: Detailed Intermediate Consumption by Industrial activity (ISIC R4), 2016**TZS ('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	0	20,380	39,121	1,215	1,770	(460)	62,946
0893	Extraction of salt	0	8,908,000	5,880,000	1,270,000	1,570,000	(1,150,000)	18,778,000
B	Mining and Quarrying	0	8,928,380	5,919,121	1,271,215	1,571,770	(1,150,460)	18,840,946
1061	Manufacture of grain mill products	0	129,502,000	45,712,800	6,635,000	1,696,000	(1,120,000)	184,665,800
1071	Manufacture of bakery products	117,000,000	3,058,238,100	344,326,000	5,795,000	48,521,200	(48,406,600)	3,622,286,900
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	0	99,500,000	10,850,000	200,000	150,000	(1,840,000)	112,540,000
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	0	2,980,000	6,854,572	300,000	11,400,000	0	21,534,572
1393	Manufacture of carpets and rugs	0	2,736,000	288,000	0	0	40,000	2,984,000
1394	Manufacture of cordage, rope, twine and netting	0	4,054,000	150,000	0	24,000	118,000	4,110,000
1410	Manufacture of wearing apparel, except fur apparel	15,183,452	415,138,700	61,264,156	91,762,880	49,174,450	18,067,800	614,455,838
1610	Sawmilling and planning of wood	0	39,275,500	36,355,440	36,650,000	3,562,000	(2,359,500)	118,202,440
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	0	32,680,000	1,636,000	0	990,000	(2,330,000)	37,636,000
2029	Manufacture of other chemical products n.e.c.	0	329,920,000	45,292,000	0	70,000	50,000	375,232,000
2391	Manufacture of refractory products	0	240,000	574,400	0	0	40,000	774,400
2395	Manufacture of articles of concrete, cement and plaster	0	11,188,441,500	320,569,760	41,430,000	83,693,000	268,377,700	11,365,756,560
2410	Manufacture of basic iron and steel	0	1,950,000	65,000	0	0	0	2,015,000
2593	Manufacture of cutlery, hand tools and general hardware	0	22,402,000	8,110,000	2,250,000	696,000	410,000	33,048,000
2599	Manufacture of other fabricated metal products n.e.c.	19,400,500	2,088,598,200	64,130,500	38,793,000	51,406,347	(31,602,200)	2,293,930,747
3099	Manufacture of other transport equipment n.e.c.	0	10,415,000	0	0	0	0	10,415,000
3100	Manufacture of furniture	66,878,000	3,253,156,200	149,455,400	69,763,000	78,747,100	(80,663,375)	3,698,663,075
3211	Manufacture of jewellery and related articles	29,180,000	4,000,000	1,850,000	540,000	3,120,000	(28,130,000)	66,820,000
C	Manufacturing	247,641,952	20,683,227,200	1,097,484,028	294,118,880	333,250,097	90,651,825	22,565,070,332
	Total	247,641,952	20,712,515,200	1,142,485,028	296,603,880	336,590,097	89,041,825	22,646,794,332

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Table 47: Components of Gross Output by Industrial Activity (ISIC R4), 2016

TZS ('000')

ISIC R4	Description	Local market	Exports	Change in Stock	Industrial Services	Nonindustrial services consumed	Other	Cost of goods sold as purchased	Total Gross
0810	Quarrying of stone, sand and clay	148,260	0	(92,630)	5,600	0	0	0	61,230
0893	Extraction of salt	40,300	0	(954)	2,900	0	0	0	42,246
B	Mining and Quarrying	188,560	0	(954)	2,900	0	0	0	42,246
1061	Manufacture of grain mill products	184,641	0	0	181,170	0	0	0	365,811
1071	Manufacture of bakery products	14,210,467	0	2,507	19,710	2,000	0	0	14,234,684
1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products	0	135,000	0	0	0	0	0	135,000
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	0	0	0	0	0	0	0	0
1393	Manufacture of carpets and rugs	6,000	0	(70)	0	0	0	0	5,930
1394	Manufacture of cordage, rope, twine and netting	8,546	0	(144)	0	0	0	0	18,402
1410	Manufacture of wearing apparel, except fur apparel	1,638,300	13,056	(26,808)	801,428	2,362	300	2,446	2,426,193
1610	Sawmilling and planing of wood	155,610	0	(1,300)	394,043	0	0	0	548,353
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	128,830	0	140	0	0	0	0	128,970
2029	Manufacture of other chemical products n.e.c.	805,500	0	3,750	0	0	0	0	809,250
2391	Manufacture of refractory products	4,320	0	23	0	0	50	0	4,393
2395	Manufacture of articles of concrete, cement and plaster	20,725,208	0	(3,435,188)	42,950	6,430	400	5,840	17,333,961
2410	Manufacture of basic iron and steel	13,000	0	(50)	0	0	0	0	12,950
2593	Manufacture of cutlery, hand tools and general hardware	121,198	0	(168)	12,325	0	0	0	133,356
2599	Manufacture of other fabricated metal products n.e.c.	4,148,583	99,000	23,310	608,971	5,900	0	700	4,885,064
3099	Manufacture of other transport equipment n.e.c.	22,500	0	170	3,000	0	0	0	25,670
3100	Manufacture of furniture	9,265,314	222,487	(306,365)	591,565	22,060	2,000	14,100	9,782,961
3211	Manufacture of jewellery and related articles	62,530	0	16,720	1,000	4,500	0	3,000	81,750
C	Manufacturing	51,510,548	469,543	(3,723,472)	2,656,162	43,252	2,750	26,086	50,932,697
Total		51,699,108	469,543	(3,817,056)	2,664,662	43,252	2,750	26,086	51,036,173

Source: 2016 Annual Survey of Industrial Production; Office of the Chief Government Statistician Zanzibar

Part Three
Figures and Maps

Figure 1: Percentage Distribution of Establishment by Region

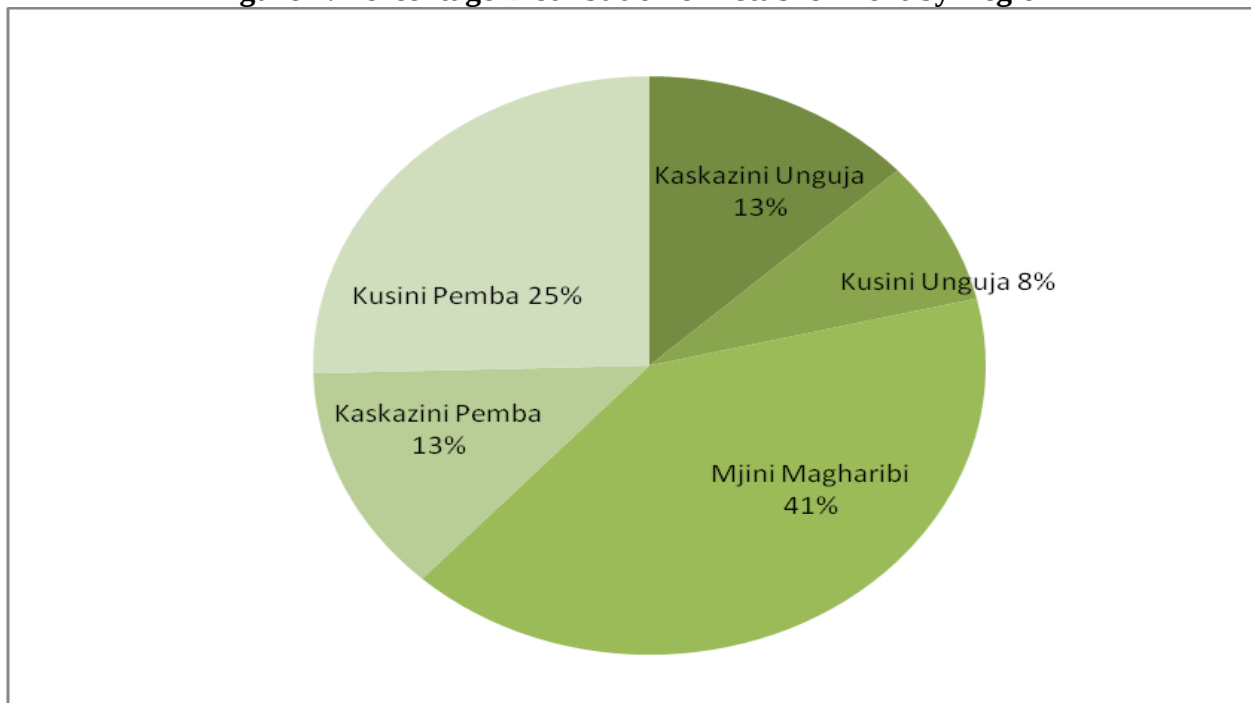


Figure 2: Percentage Distribution of Establishment by Form of Ownership (ISIC R4),2016

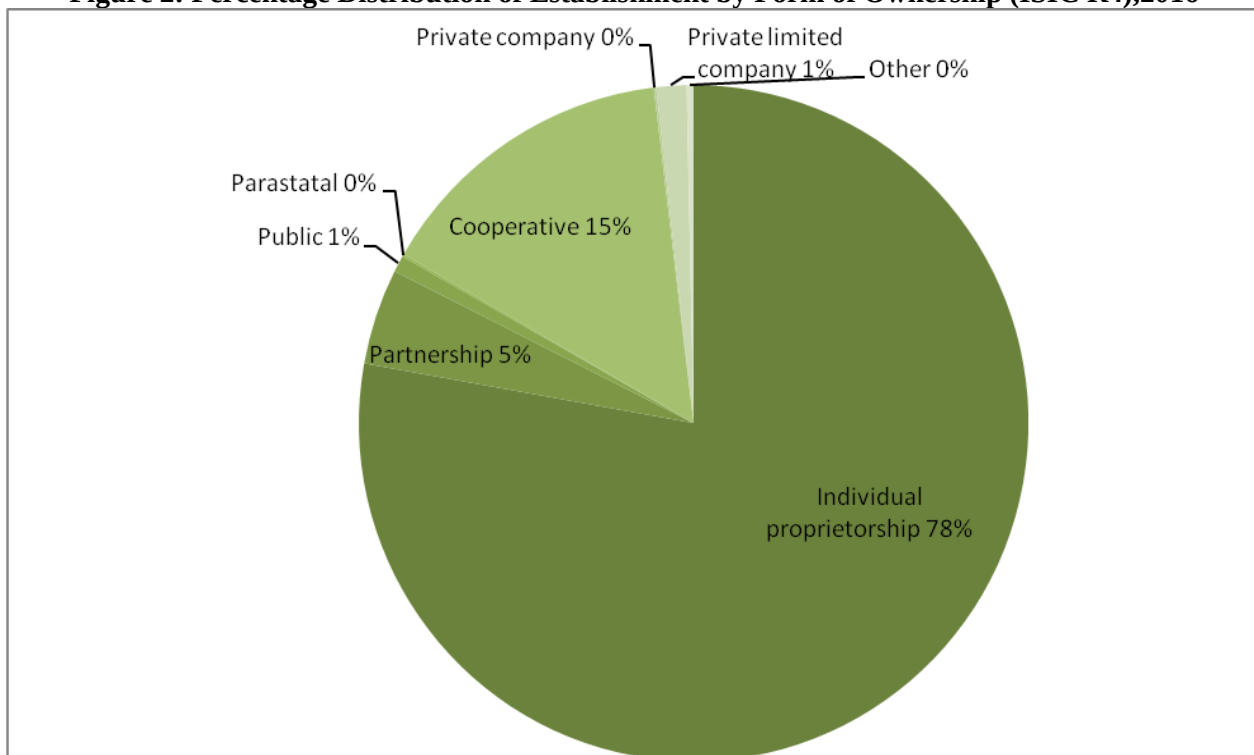


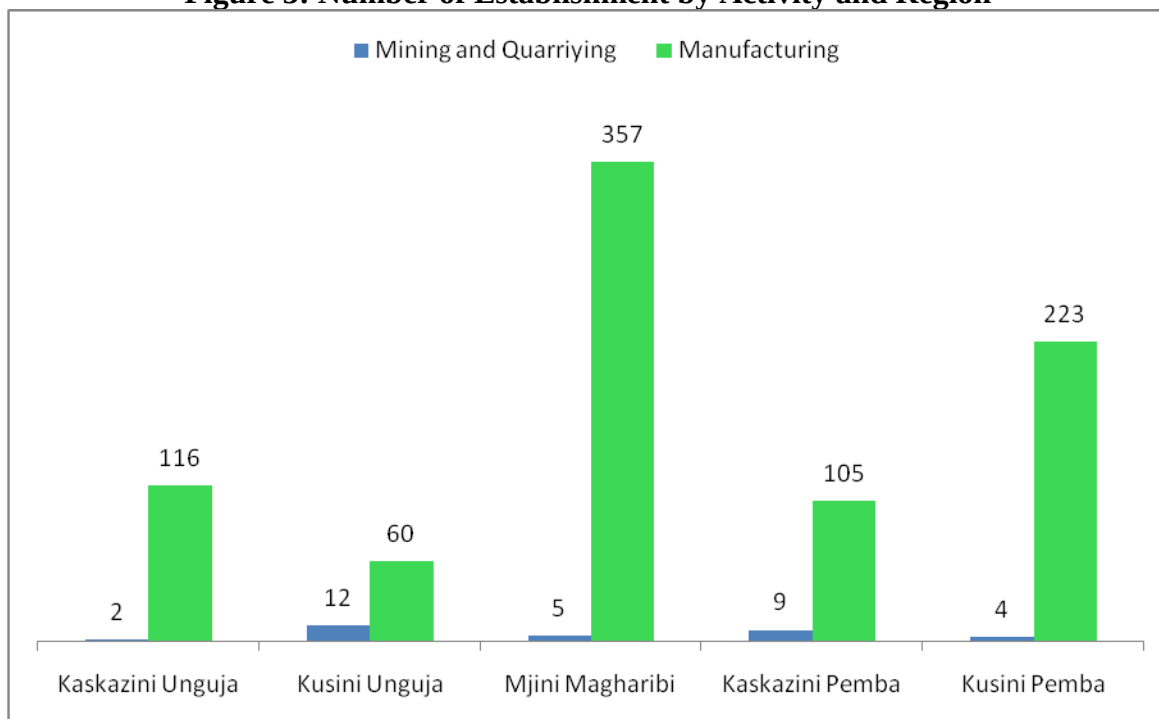
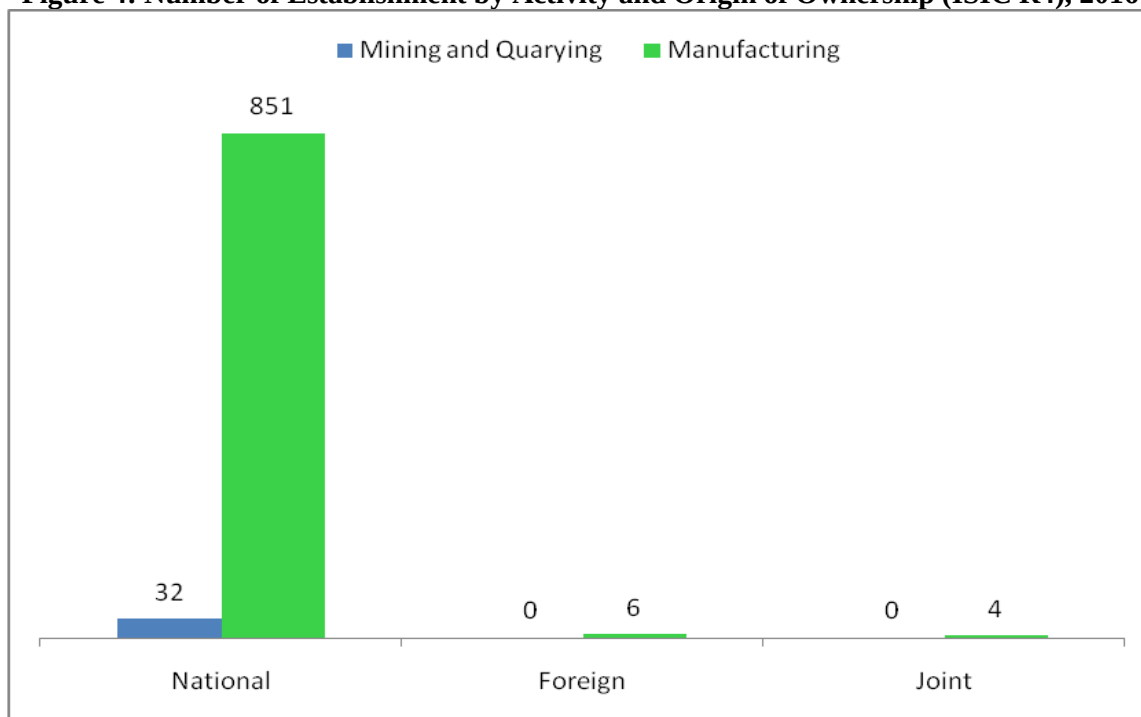
Figure 3: Number of Establishment by Activity and Region**Figure 4: Number of Establishment by Activity and Origin of Ownership (ISIC R4), 2016**

Figure 5: Number of Establishment by Activity and Form of Ownership (ISIC R4), 2016

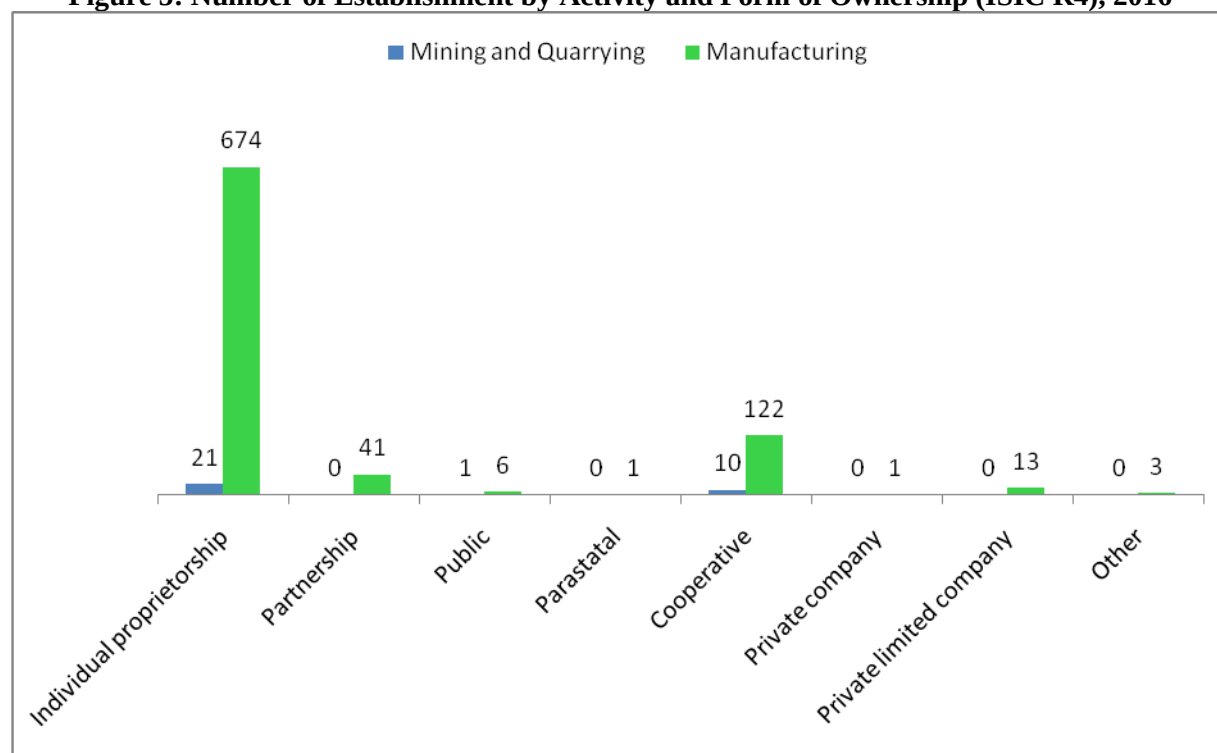
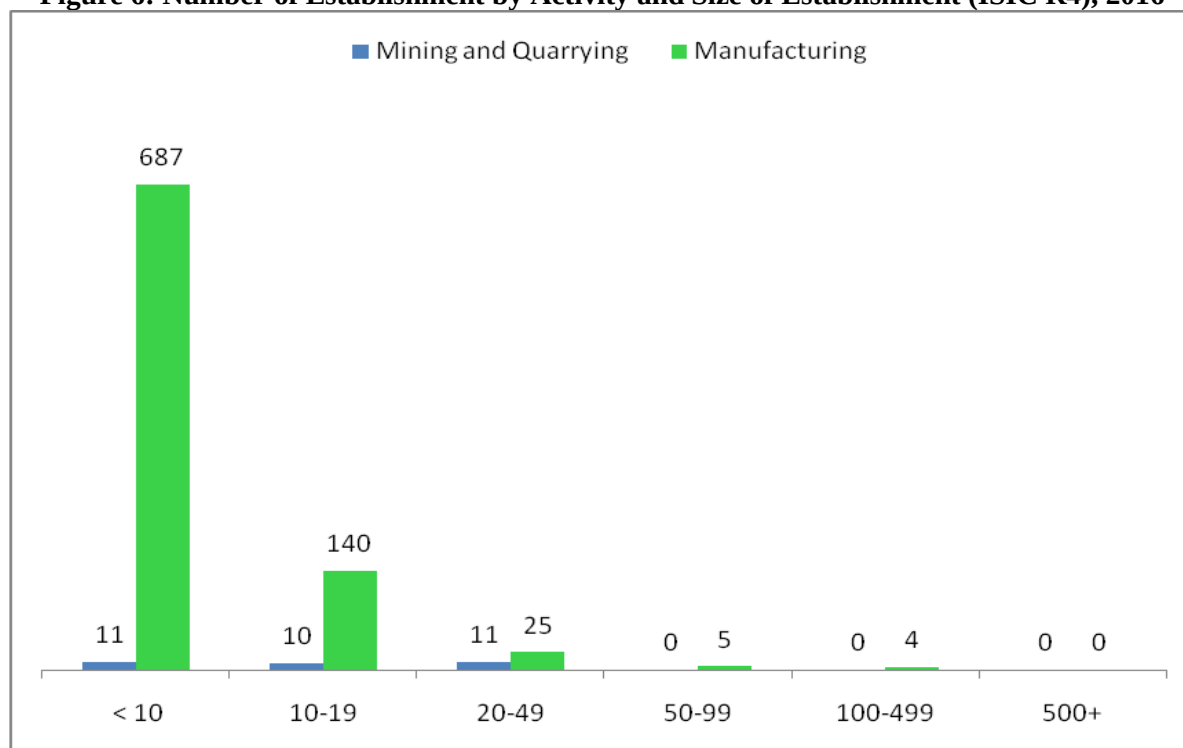
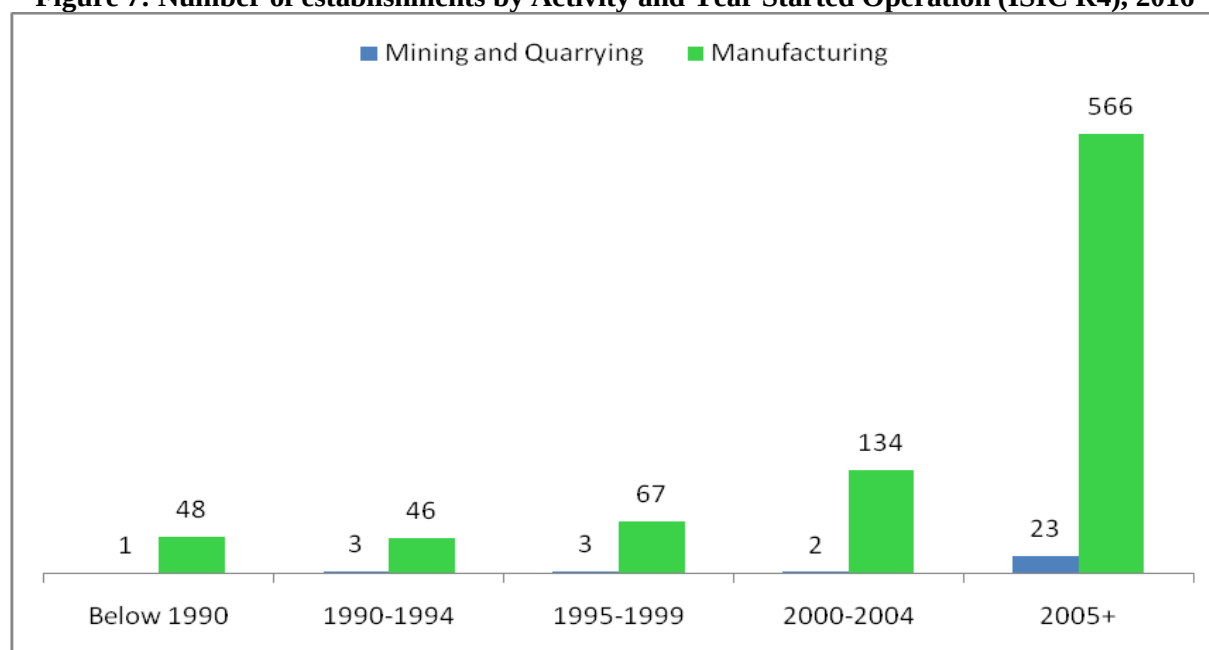


Figure 6: Number of Establishment by Activity and Size of Establishment (ISIC R4), 2016**Figure 7: Number of establishments by Activity and Year Started Operation (ISIC R4), 2016**

Map 1: Number of Establishment by Region



CHAPTER FIVE

Recommendation and way Forward

The 2016 Survey of Industrial Production shows that Zanzibar is dominated by micro and small industries hence it fails to compete in the Regional and International markets. 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.

There is need to involve different stakeholders (including The National Chamber of Commerce, Agriculture and Industries) in the preparation and raising awareness of the Survey. This may be facilitated through publicity workshops so as to sensitize the industrial entrepreneurs on the importance of statistical data for planning, policy and decision making, hence ease implementation on the part of OCGS.

The Government has the role to support and protect new Industries with modern production technologies through:

- Improving manufacturing industries production capacity.
- Promoting and support expansion of products manufacturing processes.
- Encouraging utilization of female workers in the industrial sector.
- Improving entrepreneur's skills at regional level in order increase productivity, employment and market.

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

ANNEX

ANNEX 1: QUESTIONNAIRE

CONFIDENTIAL	 Office of the Chief Government Statistician 	SERIAL NO. REGION
(P. O Box 2321, Zanzibar) Telephone 2231869	Fax: (024) 2231742 Email: zanstat@ocgs.go.tz	

To,
 The Manager,

ANNUAL SURVEY OF INDUSTRIAL PRODUCTION , 2016

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 organizations. The figures should be taken from the accounts of the enterprise for the accounting year covering 2016. If precise figures are not available, please give best estimates you can.

Thanking you in anticipation

.....

Chief 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:.....

Region:

District:.....

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 refer to:

from :..... to:

1.10 Activity of establishment:

Principle
activity:

Other activity:

ISIC R4

ISICR4

1.11 Main products manufactured:

(i)

(ii) CPC CODE

(iii)

1.12 Origin of ownership:(please circle)

National 1

Foreign 2

Joint 3

1.13 Type of legal organization: (please circle)

Individual proprietorship

Partnership

Public

Parastatal

1 Cooperative 5

2 Private company 6

3 Private limited company 7

4 Other, specify..... 8

1.14 Source of Finance (multiple answers are allowed)

1 Personal and relatives

2 Loans from banks and other credit institutions

3 Government

4 Other, specify.....

Amount (T.Shs)

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 Year started operation:

1.18 Utilisation 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 2016	*	*	*	*	*	*
31 December 2016	*	*	*	*	*	*

2.2 Number of persons engaged as at 31 December 2016 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	*	*	*	*	*	*
Total	*	*	*	*	*	*

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	
Total	*

4. PURCHASES MADE DURING REFERENCE PERIOD 2016 (please exclude VAT)

4.1 Electricity, water and fuels consumed

Description	Unit	Quantity	Value (T. Shs.)
4.11 Electricity	KWH		*
4.12 Water	M³		*
4.13 Gas			*
4.14 Fuel for machines and vehicles			*
4.15 Wood, charcoal and peat			*
4.16 Other fuels, please specify			*
Total			*

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

Description	CPC CODE	Unit	Value in T.Shs.		
			Imported		Local
			Quantity	Value	Quantity
1					
2					
3					
4					
5. Other including stationery and spare parts					
6. Total				*	

4.3 Services consumed**4.31 Industrial services**

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

4.32 Non-industrial services

Description	Amount (T. Shs.)
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	
Total	*

4.4 Other expenses

Description	Amount (T.s Shs.)
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, licences, road tax	
4.46 Other, please specify	
Total	*

5. OUTPUT (please exclude VAT and excise duties)**5.1 Sales from own production**

Description	CPC CODE	Unit	Exported		Locally sold
			Quantity	Value	Quantity
1					
2					
3					
4					
5.Other					
6.Total				*	

5.2 Receipts from services rendered**5.21 Industrial services**

Description	Amount (T. Shs.)
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	
Total	*

5.22 Nonindustrial services

Description	Amount (T. Shs.)
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	
Total	*

5.23 Other receipts

Description	Amount (T.Shs.)
5.231 Interests and dividends received	
5.232 Insurance premiums received	
5.233 Subsidies received	
5.234 Other, please specify	
Total	*

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		
Total	*	*

7 VALUE OF FIXED ASSETS

Type	Value at beginning	Additions	Sales	Depreciation during period	Value in T.Shs.
					Value at end
7.1 Land					
7.2 Buildings and other construction works					
7.3 Transport equipment					
7.4 Machinery and other equipment					
7.5 Other					
Total	*	*	*	*	*

8. PROBLEMS ENCOUNTERED DURING REFERENCE PERIOD -2016**(multiple answers are allowed)**

Insufficient demand	A	Economic environment	J
Shortage of raw materials	B	High cost of production	K
High taxes	C	Financial problems/foreign currency	L
Insufficient production capacity	D	Inflation/Depreciation of Currency	M
Shortage of qualified labour	E	Illegal imports	N
Lack of equipment	F	Inadequate supply of electricity	O
Transport problems	G	Inadequate supply of water	P
	H	Marketing problems	Q
	I	Other, specify	R

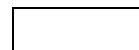
Declaration:

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_____ 

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MAIN STATISTICS - FOR EDITING PURPOSES		Value in 000's Shs
A. NO. OF EMPLOYEES (Total)	(Total 2.2 - Total 2.21 - Total 2.22)	
B. GROSS OUTPUT (G.O)		
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.))	
C. INTERMEDIATE CONSUMPTION		
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)	
D. VALUE ADDED (V.A)	(B - C)	
ase check V.A/G.O (%)	D*100/B	
E. COMPENSATION OF EMPLOYEES (C.E)	(3-3.06-3.07)	
ase check (a) C.E/V.A (%)	E*100/D	
(b) C.E per employee per month	E/A*12	
F. OTHER TAXES ON PRODUCTION	4.45	
G. SUBSIDIES	5.233	
H. GROSS OPERATING SURPLUS	(D - E - F)	

ANNEX II: FORMULAE FOR DERIVED STATISTICAL VARIABLES

OFFICE OF THE GOVERNMENT STATISTICIAN, ZANZIBAR ANNUAL SURVEY OF INDUSTRIAL PRODUCTION, 2016

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:

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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).

ANNEX IV: LIST OF CONTRIBUTORS

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Office of the Chief Government Statistician, Zanzibar

Vision

The Vision of the Office of Chief Government Statistician (OCGS) is “To become a Centre of excellence for statistical production and for promoting a culture of Evidence -based policy and decision- making”.

Mission

The Mission of OCGS is “to coordinate production of official statistics, provide high quality statistical data and information and promote their use in planning, decision making, administration, governance, monitoring and evaluation”.

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