



Annual Survey of Industrial Production 2010



**Office of Chief Government Statistician,
Zanzibar**

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LIST OF ACRONYMS AND ABBREVIATIONS

ASIP	Annual Survey of Industrial Production
BP	Basic Price
CIP	Census of Industrial Production
CPC	Central Product Classification
GDP	Gross Domestic Product
GFCF	Gross Fixed Capital Formation
GO	Gross Output
GOS	Gross Operating Surplus
ISIC	International Standard Industrial Classification
I.T	Information Technology
n.e.c	not elsewhere classified
OCGS	Office of Chief Government Statistician
RGoZ	Revolutionary Government of Zanzibar
T.shs.	Tanzania Shillings
TSMP	Tanzania Statistical Master Plan
UN	United Nations
UNIDO	United Nations Industrial Development Organization
VA	Value Added

FOREWORD

This statistical publication is an annual publication from the Office of Chief Government Statistician (OCGS) Zanzibar. The office is mandated to provide relevant, reliable and timely official statistics needed to support evidence - based policy formulation and to monitor development outcomes. This statistical publication present as much as possible the information derived from 2010 Annual Survey of Industrial Production (ASIP). The statistical information is compiled based on the standards, definitions and classification in accordance with international principles and guidelines. It followed by objective

In this publication, the information covers the two sectors of industrial activities, namely;

- 1.) Manufacturing sector and
- 2.) Mining and Quarrying sector.

Presentation in this publication, are in the form of tables, graphs and charts with the explanatory text there in. Detailed tables on all chapters are appended. In addition data from these tables may also be used for further analysis.

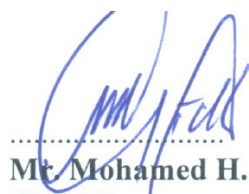
The purpose of this report is to provide a comprehensive database for industrial sector planning. It is hoped that, this publication will be great use for those who are interested in the study and development of Zanzibar Industrial Sector.

The tabulations presented here are based on the information collected through the survey questionnaire. The survey covered those establishments which did operate during the year 2010 and were engaged in at least one of the following activities: Manufacturing, Mining and Quarrying. In report different Indicator has been shown in accordance with the International Standard of Industrial Classification of all Economic Activities (ISIC). Also data relating to some important statistics are given by regions, size of establishment and ownership.

We wish to acknowledge with gratitude the service rendered by all the persons in the production of this publication. Special mention should be made the members of the OCGS Industrial statistical Unit who have handled the project efficiently from the beginning up to its logical end.

OCGS appreciate the continued cooperation of owners of establishments in availing the requisite data in time to produce this publication. Special thanks go to the Development partners through TSNP project, OCGS technical staff who compiled the 2010 ASIP.

We sincerely hope that our stakeholders will find the information in this publication useful. OCGS continues to appreciate comments from stakeholders that are aimed at improving the quality of our future publications.



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ACKNOWLEDGEMENTS

This statistical report shows the performance of industrial sector based on an Industrial Survey that was undertaken by the office of the chief Government Statistician and other line ministries. The statistics presented, reflect the contribution of the Industrial sector to the economy.

The survey Executive team was comprised by Mr. Mohammed .H. Rajab, Chief Government Statisticians, Mr. Abdul Ramadhan acting head of Economic Statistics Section (OCGS), Mr. Haroub Ali Massoud head of Statistics Office Pemba, Mr. Abdulla Othman manager for Information and Communication Technology and Publication Section and Mr. Maulid S. Kombo manager for Production Statistics and head of Industrial Statistics

The field research team was composed of Talhiyat. Z .Salum, Fahima .M. Issa, Mwanangaza .M. Hafidh, Said Khamis, Juma . S. Juma, Mwalimu Haji, Abbas .KH. Omar, Abdulla .O. Makungu. Halima .M. Suleiman, Mtumwa .M. Hamdun, Chande .S. Salum, Talib Shaaban, Salum Khamis, Khamis .A. Ali, Rashid. S. Ali, Rashid Suleima Khamis and Haidar Pande. For their tireless effort and great contribution at different stages of the survey, we say thank you.

Management team is indebted to a number of Institutions and people who supported it in. Many were while carrying out the Industrial Performance Survey. The inputs of representatives of private sector, the individual investors and entrepreneurs have ensured that the findings in this report reflect the realities on the ground.

We are also grateful to all five (5) region of Zanzibar, where this survey was undertaken. WE highly appreciate the valuable support from the Regional Commissioners, Districts Commissioners and sheha's for their assistance and facilitation in many ways while undertaking the survey.

Likewise we extend special thanks to TSMP project and development partners and UNIDO for providing their assistance to improve the Industrial statistical system in Zanzibar.

EXECUTIVE SUMMARY

The report provides the results of the 2010 ANNUAL SURVEY of Industrial production. These results are on ownership of the establishments, employment, inputs and outputs, Value of stocks and other related statistics covering all establishments which did operate during the reference year. The survey used ISIC rev. 4 to classify the standard categories of industrial classification.

The OCGS has been collecting the Annual Survey of Industrial Production since 1978 but during the 2007 – 2009, the coverage and response rate has been decreasing over the years. So by extending the coverage in 2010, then we do hope to give good industrial indicator for all industrial planners, policy makers and other users of industrial statistics.

The 2010 ASIP covered the total of 529 establishments with (10+) about 155 and a sample for size (5 – 9) 116 and size (1 – 4) 258 establishments. These industries fall in the two major industrial divisions as described in ISIC Rev. 4: which were

(a) Mining and Quarrying.

(b) Manufacturing.

Data collection was conducted in the months of March and April 2012; the year 2010 is the reference period of the collected information.

The contribution of industrial sector (share) to total GDP during 2010 was 12.6 percent compared to 13.1 in the previous year (2009). The world economic history shows that the share of the manufacturing sector increases as economies develop. It is perhaps for this reason that the size of the manufacturing sector is often thought to be one of the indicators of level of economic development of a country. With economic progress however the share of the manufacturing sector are expected to increase beyond their current level.

So in order to promote growth in the industrial sector it is essentials that more information becomes available with respect to the present status of industry, its structure, its real contribution to GDP etc, to provide knowledge – base information to the industrial planners and policy makers.

Annual Industrial Surveys stand as a useful source of data on the structure of industrial sector. They provide data which are needed for measuring the contribution of the sector of the economy for compilation of National Account and for filling existing gaps in industrial statistics.

The survey ranks high in terms of coverage; thanks to the development partners through TSMP project for funding and OCGS staff who have developed the necessary technical capabilities to handle the exercise. The results of the survey comprise comprehensive data sets for both large and small establishments which we hope ministries and other potential users would make the best use of it.

SUMMARY OF SURVEY RESULTS

The industrial sector in Zanzibar is relatively small and according to national accounts estimates it represents around 12.6 per cent of GDP: 1.0 percent mining, 4.2 percent manufacturing, 1.4 percent electricity, and 6.0 percent construction. Most of the manufacturing establishments are small; few large size establishments operate mainly in the production of soft drinks and food processing.

The 2010 ASIP covered a total of 2162 establishments, this include 120 large establishment and 2042 small establishments. Out of 2162 establishments, 59 (3 percent) were in Mining & Quarrying industry and 2103 (97 percent) were in Manufacturing industry.

The survey revealed that a total number of 8.37 employed in these two industrial division, out of these 426 were employed in mining and quarrying sector 5.1 per cent while 7944 (94.9%) were employed in manufacturing sector.

The 2010 ASIP enumerate a total of 120 large scale establishments with 3,189.

Number of persons engaged of whom 430 were engaged in mining and quarrying sector and 2,759 engaged in manufacturing sector. Mean while a total of 2,042 small establishments were covered in the survey in 2010 with 6,599 persons engaged out of 6,599, 203 were engaged in mining and quarrying sector and 6,396 or 96.9 percent were engaged in manufacturing sector. The manufacture of furniture shows the highest number of persons engaged in both large and small scale industries, with 329 persons engaged in large establishments and 2,625 persons engaged in small establishments.

The total number of persons engaged in small and large establishments stood at 9,788 persons of which 8,303 or 84.8 percent were male and 1,485 or 15.2 percent were workers.

The survey shows that in 2010 gross output produced by large establishments amounted to be Tshs.39, 704,115 thousands and 62,959,141 thousand for small establishment.

Total intermediate consumption for large establishment stood at Tshs. 21,586,779 thousand while in small establishment stand at Tshs. 33,234,204 thousands.

Value added works out to Tshs. 18,723,557 thousands for large establishments and Tshs. 31,664,464 thousands for small establishments

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CHAPTER ONE

INTRODUCTION

1.1 Background

The Office of Chief Government Statistician (OCGS) has been collecting the Annual Survey of Industrial Production (ASIP) since 1978, but during the year between 2012 – 2010 the coverage and the rate of response rate have been decreasing. So by extending the coverage in this sector, we do hope to have a very good publication on industrial sector in Zanzibar that will cover all SIZE of establish these are SIZE 1- 4 workers, SIZE 5 - 9 and 10+ workers.

The 2010 ASIP covered a total of **529** establishments. These establishments fall into two major industrial divisions as described in ISIC Rev.4 which are (i) Mining & Quarrying and (ii) Manufacturing.

Data collection was conducted in the months of March and April 2012; the survey covered all establishments which operate in both urban and rural areas in Unguja and Pemba.

1.2 Legal Authority

The 2010 ASIP was conducted under the authority of the Statistics Act No. 9 of 2007. Under this Act, OCGS is empowered to collect statistical information from the various fields including industrial statistics. The information collected under the Act is treated as confidential, not provided to any unauthorized person, and solely used for statistical purposes. The processed information is, however accessible to all potential users.

1.3 Objective of the Survey

The overall objective of the 2010 ASIP is to generate relevant, reliable and timely industrial sector data to be used as inputs for measuring the achievement of Zanzibar Strategy for Growth and Reduction of Poverty (ZSGRP) / MKUZA, providing benchmark data for subsequent surveys and for planning, policy formulation and decision making purposes. The survey aimed at producing basic statistics on Zanzibar's industrial sector in order to minimize the existing data gaps. The specific objectives of the survey are:

- i. Producing relevant figures for the industrial sector to improve the national account estimates for the country.
- ii. Setting up an appropriate system of classification by type of activities, type of ownership and geographic area for industrial statistics.
- iii. Updating the register of industrial establishments.
- iv. Updating the computerized database of industrial establishments.
- v. Having an accurate list of all Industrial Establishments which were in operation 2010. Collecting detailed information which can facilitate:
 - Accurate estimation of the contribution of Industrial Sector to the economy.
 - To have a systematic study of the structure and activities of the Industrial Sector
 - Analysis of various factors influencing the growth and structure of Industrial Sector.

1.4 Scope and Coverage

The industrial sector according to international recommendation of industrial statistics comprises of all establishments that are primarily engaged in mining, manufacturing and the production and distribution of electricity gas and water (categories B, C and D of ISIC rev. 4). These activities are defined below

(B) Mining & Quarrying

Mining & Quarrying are used in a broad sense encompassing extraction of minerals occurring naturally as solids such as coal and ores, liquids such as crude petroleum, or gases such as natural gas. Underground or surface mining, well operation and all supplemental activities aimed at preparing the crude materials for marketing done generally near or at the mine site such as milling, dressing and beneficiating, are classified here.

(C) Manufacturing

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

Assembly of the component part of manufactured products is considered manufacturing except in a case where the activity is appropriately classified in any class of division 41 (Construction); also included is the recycling of waste materials.

(D) Has not been defined; no survey activities incorporated there after

The twelve months period of 2010 calendar year was used as a reference period or the period which covers the most of year 2010, if information is not yet available for that period, the respondent should give available data covering the latest accounting period. Data were collected from March to April 2010 and referred to the calendar year 2010. Respondents were asked to provide the data from their accounting records wherever possible.

1.5 Methodology

The survey design, including sampling scheme, tools design, organization of data collection methods and data processing are explained below.

1.5.1 Sampling Scheme

The 2010 Annual Survey of Industrial Production (ASIP) was based on a full enumeration of large and medium industrial establishments and a sample of small enterprises. It covered all establishments with employment size 10 or more (155 establishments) all establishments with employment size 5 to 9 (116 establishments) and a sample of 258 establishments with employment size 1 to 4. Thus we expected to have 529 establishments that fall in the two major Industrial divisions as described in ISIC Rev.4.

These major divisions are:

1. Mining and Quarrying
2. Manufacturing

1.5.2 Survey Tools (Instruments)

The 2010 ASIP consisted of three main instruments aimed at collecting the main industrial information and indicators, guiding in survey implementation and perform the necessary controls and operation of the survey. These are:

1. Questionnaire

2. Instruction Manual

3. Control Form

Questionnaire

The questionnaire (attached as Annex 1) has eight main parts described as below:

Part 1: General information

Part 2: Employment

Part 3: Labour cost

Part 4: Purchases made

Part 5: Output

Part 6: Value of stocks

Part 7: Value of fixed assets

Part 8: Problems encountered during the reference period

Instruction Manual

The survey manual (attached as Annex 2) was used to guide enumerators during the survey exercise. The manual provides explanations of technical terminologies used in the questionnaire.

Control Form

The control form (attached as Annex 3) was used for operational modalities of questionnaire administration.

Field work organization and data collection

The field work team will consist of the following members:

- 1 Project coordinator
- 1 Senior Supervisors

- 3 Field work Supervisors
- 15 Field Enumerators
- 2 IT Personnel
- 2 Data Entry Clerks
- 2 Drivers

Data collection was undertaken by a trained team of enumerators and supervisors. Questionnaires were mailed to large establishments by survey staff that also provided guidance and information on filling them. Enumerators collected back the filled questionnaires after one week. Direct interview was used to collect information to all establishments of employment size less than 10. Vital information on manufacturing, mining and quarrying was collected.

1.5.3 Data Processing

Completed questionnaires were sent to OCGS headquarter in Zanzibar where they were edited and coded by OCGS staff. The data were then entered into the data capturing program designed by using a Census and Survey Processing System where they were then thoroughly checked for validity and consistency before transferred into statistical analysis software (SPSS) for tabulation and analysis.

1.5.4 Response Rate

A total of 527 questionnaire returns, equivalent to 99.6 percent of all questionnaire distributed (529), were received back at OCGS. The response rate was calculated based on all questionnaires completed and returned, but excluded those establishments that could not be located or closed. For the 155 large (10 +) establishments to be surveyed, 20 were found to be either closed or engaged in non-industrial activities. This gives out a response rate of 87.1 percent. Out of the remaining 135 establishment 15 were small as they engaged less than ten workers. The number of potential respondents there stood at 120. This further reduced the response rate to 77.4 percent of the expected number of establishments within this category. The production data presented in this report therefore refer to the 120 large (10 +) industrial establishments.

Table 1.1: Response Rates by Size of Establishment

Establishment size	Total number of establishments	Number of selected establishments
1 to 4	1,669	258
5 to 9	116	116
10 or more	155	155
Total	1,940	529

1.6 Limitations of the Survey

This survey was exemplary of OCGS activities in terms of coverage and response rates. However, some limitations were observed in its implementation. These are:

- i. Inconsistencies in information supplied resulting, in part, from lack of understanding of the terms and concepts applied.
- ii. Non-compliance in providing information on the part of establishments owners, who usually under-report output production values and over-report intermediate costs of inputs. Some refused to comply on information related to levels of stocks and assets.
- iii. An outdated directory of establishments which was last updated in 2008 was used as a sampling frame for this survey, resulting into some establishment found to have closed their businesses, moved to other places, reported erroneously number of employees, or even changed the main activity of the establishment.
- iv. Fifteen (15) establishments classified before enumeration as employment size 10 or more reported to have shifted to employment size 5 to 9.

CHAPTER TWO

KEY FINDINGS ON LARGE INDUSTRIAL ESTABLISHMENTS

2.1 Introduction

Taking into consideration the reliability and precision of the data and to ensure confidentiality of information at individual establishment have been classified into thirteen (13) industrial divisions operating under mining and manufacturing industries.

2.2 Number of Establishments

Table 2.1 shows the distribution of establishments by industrial division and administrative region. The number of large (i.e. employment size ten or more) industrial establishment operating in Zanzibar stood at 120 in the year 2010. Most large establishments (47.5 percent) were located at Mjini Magharibi administrative region and Kaskazini Pemba had the least number of establishments (6).

Table 2.1: Number of Establishments by Industry and Administrative Region

ISIC Division	Description	Administrative Region					Total
		Kaskazini Unguja	Kusini Unguja	Mjini Magharibi	Kaskazini Pemba	Kusini Pemba	
B	Mining and Quarrying	2	8	0	5	8	23
08	Other mining and quarrying	2	8	0	5	8	23
C	Manufacturing	16	11	57	1	12	97
10	Manufacture of food products	4	1	12	1	3	21
11	Manufacture of beverages	0	1	2	0	0	3
13	Manufacture of textiles	1	2	0	0	0	3
14	Manufacture of wearing apparel	1	2	3	0	3	9
16	Manufacture of woods and products of woods and cork	0	0	3	0	0	3
18	Printing and reproduction of recorded media	0	0	3	0	0	3
20	Manufacture of chemicals and chemical products	1	1	0	0	1	3
22	Manufacture of rubber and other plastic products	0	0	2	0	0	2
23	Manufacture of other non-metallic mineral products	5	3	14	0	1	23
25	Manufacture of fabricated metal products	0	0	2	0	1	3
30	Manufacture of other transport equipment	0	0	1	0	0	1
31	Manufacture of furniture	4	1	13	0	3	21
32	Other manufacturing	0	0	1	0	0	1
33	Repair and installation of machinery and equipment	0	0	1	0	0	1
Grand Total		18	19	57	6	20	120

Note: For the need of maintaining confidentiality some data items have been regrouped.

The manufacturing industry shared four-fifths (97) of all large establishments surveyed; dominated by the manufacture of articles of concrete, furniture, and bakery products. The three products in manufacturing divisions (non-metallic mineral products, food products and furniture) comprised more than a half (54.2 percent) of all large establishments. The only activities observed in quarrying industry to large establishments are the extraction of salt and the quarrying of stone, sand and clay.

2.3 Ownership

The distribution of these activities by origin of ownership (Table 2.2) suggests that only 5.2 percent of the manufacturing establishments are either solely foreign owned or are joint ventures (public and private). The few foreign investments in manufacturing are observed in the manufacture of soft drinks, mineral water, plastic materials, furniture and other sporting boats.

Table 2.2: Number of Establishments by Industrial Division and Type of Ownership

ISIC Division	Description	Type of ownership			Total
		National	Foreign	Joint	
B	Mining and Quarrying	23	0	0	23
	08 Other mining and quarrying	23	0	0	23
C	Manufacturing	90	5	2	97
	10 Manufacture of food products	21	0	0	21
	11 Manufacture of beverages	2	1	0	3
	13 Manufacture of textiles	3	0	0	3
	14 Manufacture of wearing apparel	9	0	0	9
	16 Manufacture of wood and products of wood and cork	3	0	0	3
	18 Printing and reproduction of recorded media	1	1	1	3
	20 Manufacture of chemicals and chemical products	3	0	0	3
	22 Manufacture of rubber and other plastic products	0	1	1	2
	23 Manufacture of other non-metallic mineral products	23	0	0	23
	25 Manufacture of fabricated metal products	3	0	0	3
	30 Manufacture of other transport equipment	0	1	0	1
	31 Manufacture of furniture	20	1	0	21
	32 Other manufacturing	1	0	0	1
	33 Repair and installation of machinery and equipment	1	0	0	1
Grand Total		113	5	2	120

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 2.3 portrays the distribution of establishments by their form of ownership. It is revealed that only six (6) of the large establishments were operating as private limited companies, about three-fifths (58.3 percent) were public owned and five were in joint partnership.

Table 2.3: Number of Establishments by Industrial Division and Form of Ownership

ISIC Division	Description	Form of ownership						
		Individual proprietorship	Partnership	Public	Cooperative	Private company	Private limited company	Total
B	Mining and Quarrying	14	0	1	8	0	0	23
	08 Other mining and quarrying	14	0	1	8	0	0	23
C	Manufacturing	56	5	3	23	4	6	97
	10 Manufacture of food products	17	1	0	3	0	0	21
	11 Manufacture of beverages	1	0	0	0	1	1	3
	13 Manufacture of textiles	1	0	0	2	0	0	3
	14 Manufacture of wearing apparel	3	0	0	5	1	0	9
	16 Manufacture of wood and products of wood and cork	0	1	0	1	0	1	3
	18 Printing and reproduction of recorded media	0	0	1	0	0	2	3
	20 Manufacture of chemicals and chemical products	1	0	1	1	0	0	3
	22 Manufacture of rubber and other plastic products	0	1	0	0	1	0	2
	23 Manufacture of other non-metallic mineral products	23	0	0	0	0	0	23
	25 Manufacture of fabricated metal products	0	0	0	2	1	0	3
	30 Manufacture of other transport equipment	1	0	0	0	0	0	1
	31 Manufacture of furniture	9	2	0	8	0	2	21
	32 Other manufacturing	0	0	0	1	0	0	1
	33 Repair and installation of machinery and equipment	0	0	1	0	0	0	1
Grand Total		70	5	4	31	4	6	120

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

2.4 Age of Establishments

The distribution of establishment by industrial division and year started operation (i.e. age of establishment) is given in Table 2.4. Only one-sixth of large establishments started operation before 1990, and 31 reported having started operation after 2005. The number of establishments that started operation between 1994 and 2004 stood at 69.

Table 2.4: Number of Establishment by Industrial Division and Year Started Operation

ISIC Division	Description	Year establishment started					Total
		Before 1990	1990 - 1994	1995 - 1999	2000 - 2004	2005 or later	
B	Mining and Quarrying	2	4	6	4	7	23
	08 Other mining and quarrying	2	4	6	4	7	23
C	Manufacturing	18	7	19	29	24	97
	10 Manufacture of food products	1	1	6	8	5	21
	11 Manufacture of beverages	0	0	1	2	0	3
	13 Manufacture of textiles	0	0	1	0	2	3
	14 Manufacture of wearing apparel	0	0	2	2	5	9
	16 Manufacture of wood and products of wood and cork	1	0	2	0	0	3
	18 Printing and reproduction of recorded media	1	0	2	0	0	3
	20 Manufacture of chemicals and chemical products	1	1	0	1	0	3
	22 Manufacture of rubber and other plastic products	0	0	0	1	1	2
	23 Manufacture of other non-metallic mineral products	0	3	1	10	9	23
	25 Manufacture of fabricated metal products	1	1	0	1	0	3
	30 Manufacture of other transport equipment	0	0	0	1	0	1
	31 Manufacture of furniture	11	1	4	3	2	21
	32 Other manufacturing	1	0	0	0	0	1
	33 Repair and installation of machinery and equipment	1	0	0	0	0	1
Grand Total		20	11	25	33	31	120

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

2.5 Employment and Engagement

The distribution of establishments by activity and size of employment (Table 2.5) suggests that one manufacturing establishment (manufacture of other rubber products) had more than 500 employees and the other one (extraction of salt) had number of employees in the range 100 - 499. Seven in every ten large operating establishment had more than 10 but less than 50 employees.

Out of 3,189 workers in the large establishments 2,034 were employed by establishment reported to be owned by nationals and 211 were employed by foreign firms; the joint owned had 944 workers (Table 2.6). The table also reveals that manufacturing had 2,759 (86.5 percent) of all employees; out of these 246 were in food products division. The other divisions contributing greatly to employment are the manufacture of rubber, non-metallic products, and furniture.

Table 2.5: Number of Establishments by Industrial Division and Employment Size

ISIC Division	Description	Persons engaged						Total
		< 10	10-19	20-49	50-99	100-499	500+	
B	Mining and Quarrying	0	14	9	0	0	0	23
	08 Other mining and quarrying	0	7	5	0	0	0	12
C	Manufacturing	0	73	17	5	1	1	97
	10 Manufacture of food products	0	21	0	0	0	0	21
	11 Manufacture of beverages	0	0	1	2	0	0	3
	13 Manufacture of textiles	0	0	3	0	0	0	3
	14 Manufacture of wearing apparel	0	9	0	0	0	0	9
	16 Manufacture of wood and products of wood and cork	0	2	1	0	0	0	3
	18 Printing and reproduction of recorded media	0	0	1	1	1	0	3
	20 Manufacture of chemicals and chemical products	0	0	3	0	0	0	3
	22 Manufacture of rubber and other plastic products	0	0	1	0	0	1	2
	23 Manufacture of other non-metallic mineral products	0	20	3	0	0	0	23
	25 Manufacture of fabricated metal products	0	3	0	0	0	0	3
	30 Manufacture of other transport equipment	0	0	1	0	0	0	1
	31 Manufacture of furniture	0	18	2	1	0	0	21
	32 Other manufacturing	0	0	1	0	0	0	1
	33 Repair and installation of machinery and equipment	0	0	0	1	0	0	1
Grand Total		0	87	26	5	1	1	120

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 2.6: Number of Establishments by Employment Size and Form of Ownership

Persons engaged	Form of ownership						Total
	Individual proprietorship	Partnership	Public	Cooperative	Private company	Private limited company	
10-19	58	4	0	22	2	1	87
20-49	10	1	2	9	0	4	26
50-99	2	0	1	0	1	1	5
100-499	0	0	1	0	0	0	1
500+	0	0	0	0	1	0	1
Total	70	5	4	31	4	6	120

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Engagement, as distinct from employment, considers the non-regular payment workers, the self employed and family labour. Table 2.7 below suggests that the small scale industrial activities are more likely to have large size engagement; one third of the persons engaged were in the establishments with 10 – 19. Two-fifths (43.1 percent) of the engagement was to establishments with size 50 persons or more. Establishments located at Mjini Magharibi administrative region employed two-thirds of all workers, while Kaskazini Pemba had the least number of workers, namely 84.

Table 2.7: Number of Persons Engaged by Industrial Division and Size of Engagement

ISIC Division	Description	Persons engaged					Total
		10-19	20-49	50-99	100-499	500+	
B	Mining and Quarrying	181	249	0	0	0	430
	08 Other mining and quarrying	181	249	0	0	0	430
C	Manufacturing	896	488	328	136	911	2,759
	10 Manufacture of food products	246	0	0	0	0	246
	11 Manufacture of beverages	0	44	144	0	0	188
	13 Manufacture of textiles	0	101	0	0	0	101
	14 Manufacture of wearing apparel	117	0	0	0	0	117
	16 Manufacture of wood and products of wood and cork	22	30	0	0	0	52
	18 Printing and reproduction of recorded media	0	33	79	136	0	248
	20 Manufacture of chemicals and chemical products	0	82	0	0	0	82
	22 Manufacture of rubber and other plastic products	0	33	0	0	911	944
	23 Manufacture of other non-metallic mineral products	255	64	0	0	0	319
	25 Manufacture of fabricated metal products	35	0	0	0	0	35
	30 Manufacture of other transport equipment	0	22	0	0	0	22
	31 Manufacture of furniture	221	58	50	0	0	329
	32 Other manufacturing	0	21	0	0	0	21
	33 Repair and installation of machinery and equipment	0	0	55	0	0	55
Grand Total		1,077	737	328	136	911	3,189

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

2.6 Compensation of Employees (Salaries and Wages)

In 2010 the large industrial establishment paid a total of Tshs. 4.26 billion as compensation to the 2,826 employees. This represents an average compensation of Tshs. 126,000 per employee per month. The highly paying establishments fall under the divisions of the manufacture of food products and beverages, with an average of Tshs. 381,000 per employee per month. The lowest compensation were paid to employees in establishments operating in the division other mining (namely, extraction of salt), with an average of Tshs. 76,000 per employee per month, and the division under the manufacture rubber and other plastics products, with an average of Tshs. 69,000 per employee per month.

Table 2.8: Compensation of Employees

ISIC Division	Description	Number of Establishment	Total person engaged		Total person employed	Compensation of Employees	
		Number	Number	Percent	Number	Value	Percent
B	Mining and Quarrying	23	430	14	277	313,686	8
	08 Other mining and quarrying	23	430	14	277	313,686	8
C	Manufacturing						
	10 Manufacture of food products	21	246	7	225	279,208	7
	11 Manufacture of beverages	3	188	6	182	915,670	22
	13 Manufacture of textiles	3	101	3	61	13,920	0
	14 Manufacture of wearing apparel	9	117	4	82	138,717	3
	16 Manufacture of wood and products of wood and cork	3	52	2	47	69,088	2
	18 Printing and reproduction of recorded media	3	248	8	213	411,398	10
	20 Manufacture of chemicals and chemical products	3	82	3	62	173,953	4
	22 Manufacture of rubber and other plastic products	2	944	30	920	758,408	18
	23 Manufacture of articles of concrete, cement and plaster	23	319	10	310	442,340	10
	25 Manufacture of fabricated metal products	3	35	1	33	63,307	1
	30 Building of pleasure and sporting boats	1	22	1	22	31,100	1
	31 Manufacture of furniture	21	329	10	316	550,811	13
	30 Manufacture of other transport equipment	1	???	???	???	???	???
	31 Manufacture of furniture	21	351	11	338	581,911	14
	32 Other manufacturing	1	76	2	76	96,715	2
	33 Repair and installation of machinery and equipment	1	???	???	???	???	???
	Total	120	3,189	100	2,826	4,258,3	100

2.4 Gross Output and Intermediate costs

The gross output or total value of goods and services produced by large industrial establishment amounted to TShs 39.7 billion in 2010, of which 91.1 percent were produced by manufacturing establishments. Intermediate consumption amounted to Tshs. 21.6 billion. The Value Added (V.A), the excess of gross output over intermediate consumption, which measures the contribution of the large industrial sector to Gross Domestic Product (GDP) was TShs18.7 billion. Table 10 below shows these contributions by industrial division.

Out of the value added generated by the sector (Tshs. 4.3 billion were paid to employees as salaries and wages (compensation of employees). The remainder which after deduction of T Shs 41.4 million paid as taxes on production (less subsidies) to government represents gross operating surplus (gross profits); this amounted to TShs.14.6 billion (or 78 percent of V.A). The gross operating surplus represents the gross amount that went to employers as remuneration for their capital and economic rent.

Analysis of value added by industrial group revealed that the sum of TShs. 16.5 billion was generated by large manufacturing establishment in 2010; of which the division for the manufacture of printing and reproduction of record media generated the highest value added worth TShs. 4.7 million. Other mining and quarrying division (comprising of stone quarrying, sand and clay) generated TShs 2.3 billion of the value added of large operating establishments

Table 14: Production account (in 000 Tshs.)

ISIC Division	Descriptions	Gross Output	Intermediate Consumption	Value Added (Basic prices)	Compensation of Employees	Taxes on Production Less subsidies	Gross Operating Surplus
B	Mining and Quarrying	3,538,517	1,273,431	2,271,836	313,686	2,620	1,965,910
	08 Other Mining and Quarrying	3,538,517	1,273,431	2,271,836	313,686	2,620	1,965,910
C	Manufacturing	36,165,599	20,313,350	16,451,721	3,944,635	36,858	12,628,988
	10 Manufacture of food products	10,213,500	5,980,793	4,462,792	1,194,878	20,586	3,276,168
	13 Manufacture of textiles	12,146	3,680	10,916	13,920	-	10,916
	14 Manufacture of wearing apparel	534,294	219,233	315,062	138,717	1,875	174,470
	16 Manufacture of wood and of products of wood and cork	1,075,700	799,120	334,540	69,088	550	276,902
	18 Printing and reproduction of recorded media	11,181,301	6,465,934	4,715,367	411,398	4,693	4,299,277
	20 Manufacture of chemicals and chemical products	4,577,613	2,121,988	2,455,625	932,361	-	1,521,352
	23 Manufacture of other non-metallic mineral products	4,832,263	3,406,110	1,510,573	442,340	3,949	1,076,425
	25 Manufacture of fabricated metal products	213,703	40,444	173,258	63,307	1,020	108,931
	31 Manufacture of furniture	3,385,697	1,242,454	2,367,800	581,911	3,765	1,875,894
	32 Other manufacturing*	139,382	33,594	105,788	96,715	420	8,653
Total		39,704,116	21,586,781	18,723,152	4,258,321	39,478	14,594,898

2.5 Value of Stocks

The 2010 ASIP results revealed that the total value of stocks, including work in progress amounted to TShs. 759 million for large establishment. Manufacture of other chemical products had the highest value of stocks of TShs. 943 million. Materials, fuel and supplies had a stock value of TShs. 774 million finished products worth TShs. 10.0 million and work in progress valued at TShs. 4.3 million.

Table 14: Value of Stocks (in 000 Tshs.)

ISIC Division	Description	Materials, Supplies and fuel	Work in Progress	Finished Product	Good Purchased for resale	Total
B	Mining and Quarrying	-3,382	-3,806	-147,560	-	-154,748
08	Other Mining and Quarrying	-3,382	-3,806	-147,560	-	-154,748
C	Manufacturing	776,973	8,148	157,604	-29,000	913,724
10	Manufacture of food products	2211	18,060	-5,474	0	14,797
11	Manufacture of soft drinks; production of mineral waters and	-197,900	0	14,396	25,600	-157,904
13	Manufacture of cordage, rope, twine and netting	-40	0	4,495	-5	4,450
14	Manufacture of wearing apparel, except fur apparel	7,690	-3,893	-4,588	-410	-1,202
16	Sawmilling and planning of wood	32,000	0	-4,500	0	27,500
18	Printing and reproduction of recorded media	-30,145	13385	6,071	4621	-6,067
20	Manufacture of chemicals and chemical products	848,010	-300	94,775	0	942,486
22	Manufacture of rubber and other plastic products	156,797	0	40,513	-12,001	185,310
23	Manufacture of articles of concrete, cement and plaster	-41,958	0	-2,170	-44,875	-89,003
25	Manufacture of fabricated metal products	260	2,491	1,000	0	3,751
30	Building of pleasure and sporting boats	-7,000	0	16,500	0	9,500
31	Manufacture of furniture	137	-21,595	-3,815	-1,930	-27,203
32	Manufacture of jewellery and related articles	0	0	400	0	400
33	Repair of machinery	6,910	0	0	0	6,910
	Total	773,591	4,342	10,044	-29,000	758,976

2.6 Value of Fixed Assets

The total value of fixed assets held by large manufacturing establishments at the end of 2010 was reported at TShs. 9.8 billion; the value takes account of depreciation during the year. Machinery and equipment accounted for 46 percent of the total value. However, many establishments did not provide details on value by type of assets.

ASIP 2010 shows that net investment (Gross Fixed Capital Formation) during the year amounted to TShs. 172.9 million, resulting mainly from purchases of machinery and equipment, including transport equipment.

Table 14: Fixed Asset (in 000)

Description	Buildings and other construction works		Land Machinery, equipment and other		Total	
	Additions Less Sales	Net Value at the end	Additions Less Sales	Net Value at the end	G.F.C.F	Net Value at the end
Mining and Quarrying	550	206,814	42,350	570,967	42,900	1,043,721
Manufacturing	27,344	2,221,573	46,435	3,923,660	129,989	8,759,857
Manufacture of vegetable and animal oils and fats	0	67,200	0	5,100	0	72,300
Manufacture of grain mill products	0	87,376	0	13,295	0	173,791
Manufacture of bakery products	120	219,720	1,500	26,113	1,620	319,063
Manufacture of macaroni, noodles, couscous and similar faring	0	54,000	0	9,850	0	63,850
Manufacture of soft drinks; production of mineral waters and	12,224	39,728	0	1,270,551	21,723	1,550,357
Manufacture of cordage, rope, twine and netting	0	19,200	0	170	0	19,370
Manufacture of wearing apparel, except fur apparel	0	32,640	25	29,734	25	123,374
Sawmilling and planning of wood	0	47,600	0	97,750	0.00	288,300
Printing	0		21,000	162,100	65,000	235,825
Reproduction of recorded media	0	159,120	0	872,814	0	1,101,635
Manufacture of soap and detergents, cleaning and polishing p	0	5,760	0	1,510	0	10,575
Manufacture of pharmaceuticals, medicinal chemical and botany	0	681,693	0	215,954	0	904,229
Manufacture of other rubber products	0		0	27,305	2,711	83,641
Manufacture of plastics products	0		0	693,512	0	693,512
Manufacture of articles of concrete, cement and plaster	0	272,680	0	274,660	0	2,088,125
Manufacture of cutlery, hand tools and general hardware	0	170	0	200	0	370
Manufacture of other fabricated metal products n.e.c.	15,000	81,600	4,360	24,006	19,360	125,215
Building of pleasure and sporting boats	0	21,200	0	14,450	0	61,510
Manufacture of furniture	0	176,886	19,550	168,872	19,550	503,564
Manufacture of jewellery and related articles	0	0	0	1,900	0	1,900
Repair of machinery	0	255,000	0	13,814	0	339,351
Total	27,894	2,428,387	88,785	4,494,627	172,888	9,803,578

2.7 Operation Ratio

Value added to gross output ratio works out to 47 percent for the large industrial sector in 2010. This ratio ranges from 31 percent for the manufacture of sawmilling and plumbing of wood to 78 percent for the manufacture of rubber products and plastics. The ratio for mining and quarrying stood at 64 percent while extraction of salt had a ratio of 72 percent.

Average gross output per establishment stood at TShs. 330.9 million; ranging from TShs. 6.2 million for establishments involved in the extraction of salt to TShs. 3.7 billion for printing. Compensation of employees represented 23 percent of value added. The ratio is higher for

establishments engaged in manufacture of jewelers and related articles as well as repair of machinery.

Table 15: Gross Output and Value Added

Description	Gross Output per Establishment	Gross Output per Workers	Value Added as a percent of GO	Value Added per Establishment	Value Added per Workers	Per employee per month
Mining and Quarrying						
Quarrying of stone, sand and clay	289,192	14,281	0	185,214	9,146	97
Extraction of salt	6,202	365	72	4,479	263	76
Manufacturing						
Manufacture of vegetable and animal oils and fats, grain mill products	248,566	22,889	0	111,526	10,480	233
Manufacture of macaroni, noodles, couscous and similar faring, other food products n.e.c ;production of mineral waters and	2,706,956	61,038	94	1,211,127	23,572	650
Manufacture of cordage, rope, twine and netting	45,537	2,507	60	27,165	1,495	89
Sawmilling and planning of wood	358,567	20,687	31	111,513	6,433	122
Printing	3,727,100	45,086	42	1,571,789	19,014	161
Manufacture of soap and detergents, cleaning and polishing; other chemical product	2,578,434	61,545	95	890,069	21,285	374
Manufacture of other rubber products; plastics products	1,993,293	11,578	149	1,561,998	8,138	301
Manufacture of articles of concrete, cement and plaster	210,098	15,148	31	65,677	4,735	119
Manufacture of cutlery, hand tools and general hardware; other fabricated metal products n.e.c.	132,771	11,358	171	111,147	9,487	328
Building of pleasure and sporting boats; furniture	240,033	13,801	132	161,645	9,374	263
Manufacture of jewellery and related articles; Repair of machinery	139,382	3,066	126	105,788	2,169	154
Total	12,676,130	283,347	1,162	6,119,138	125,594	2,967

CHAPTER THREE

KEY FINDINGS FOR SMALL SCALE ESTABLISHMENTS

3.1 Introduction

Small scale establishments are those with employment size of less than ten and are engaged in industrial activities namely mining, quarrying and manufacturing. This chapter explains the key findings for the small scale establishments covered in the 2010 ASIP.

3.2 Number of Establishments

The number of small scale establishments operating in 2010, stood at 2042 with the highest proportion, 60 percent, located at Mjini Magharibi Region, followed by Kaskazini Unguja with 12.7 percent establishments. Kusini Unguja had the least proportion of 6.5 percent of all small scale industrial establishments. (Table 1)

Persons engaged	Region					
	Kaskazini Unguja	Kusini Unguja	Mjini Magharibi	Kaskazini Pemba	Kusini Pemba	Total
1 - 2	93	64	495	77	72	800
3 - 4	130	63	554	71	102	920
5 - 6	28	2	108	36	21	195
7 - 8	6	4	55	30	7	103
9	2	0	15	2	4	24
Total	259	132	1,227	217	206	2,042

3.3 Ownership

The 2010 ASIP results show that individual proprietorship, as a form of ownership had 1880 establishments (92.1 percent), followed by cooperative with 96 establishment equivalent to 5 percent (Table 3). All these establishments were owned by nationals (table 2).

Persons engaged	Form of ownership						Total
	Individual proprietorship	Partnership	Public	Parastatals	Cooperative	Other	
1 - 2	767	15	0	0	18	0	800
3 - 4	865	22	0	0	33	0	920
5 - 6	149	10	0	2	28	6	195
7 - 8	81	4	5	0	13	0	103
9	18	0	0	0	4	2	24
Total	1,880	51	5	2	96	8	2,042

3.4 Employment and engagement

The 2010 ASIP revealed that a total of 5,544 persons were employed by small scale industries. The survey further reveals that the total number of persons engaged stood at 6,599 persons for small establishments. Out of these, establishments with employment size 3-4 had the highest number of persons engaged with 3,188 persons (48.3 percent), followed by establishments with employment size 1-2 which engaged 1,370 persons (20.8 percent). (Table 5). Manufacturing activities shared 96.9 percent of the total persons engaged.

Region	Persons engaged					
	1 - 2	3 - 4	5 - 6	7 - 8	9	Total
Kaskazini Unguja	141	459	150	47	17	814
Kusini Unguja	101	261	11	33	0	406
Mjini Magharibi	877	1,894	586	414	139	3,910
Kaskazini Pemba	129	231	201	223	22	806
Kusini Pemba	122	343	111	52	36	663
Total	1,370	3,188	1,058	769	214	6,599

The 2010 ASIP shows that 94.4 percent of establishments (Small) reported that personal and relatives were their source of finance to start their business. Other source had 3.7 percent while loans had a 0.0 percent. (Table 7 and 1).

Persons engaged	Source of Finance					
	Personal and Relatives	Loans	Government	Other Source	Missing	Total
1 – 2	764	0	0	29	7	800
3 – 4	877	0	7	29	7	920
5 – 6	179	1	0	9	6	195
7 – 8	87	0	0	8	8	103
9	19	0	0	2	2	24
Total	1,927	1	7	76	31	2,042

3.5 Age of establishment

The results further shows that 901 or 44.1 percent of the establishments started operation between 2005 and above, while 555 establishments started operation between 2000– 2004 and 227 establishment started operation before 2000, (Table 12).

Descriptions	Year establishment started					
	Before 1990	1990-1994	1995-1999	2000-2004	2005 or later	Total
Quarrying of stone, sand and clay	1	2	1	1	0	5
Extraction of salt	1	3	7	15	5	31
Manufacture of vegetable and animal oils and fats	0	2	0	0	0	2
Manufacture of grain mill products	0	0	6	17	46	70
Manufacture of bakery products	8	2	14	17	49	90
Manufacture of macaroni, noodles, couscous and similar farin	2	0	13	0	0	14
Manufacture of cordage, rope, twine and netting	2	0	0	0	0	2
Manufacture of wearing apparel, except fur apparel	41	30	48	177	344	639
Manufacture of footwear	0	12	0	6	0	18
Sawmilling and planing of wood	2	0	0	13	8	23
Manufacture of soap and detergents, cleaning and polishing p	0	0	0	0	2	2
Manufacture of cement, lime and plaster	0	0	12	0	0	12
Manufacture of articles of concrete, cement and plaster	2	4	7	11	88	112
Manufacture of other non-metallic mineral products n.e.c.	0	2	0	2	12	16
Manufacture of cutlery, hand tools and general hardware	11	0	6	18	5	40
Manufacture of other fabricated metal products n.e.c.	20	9	11	52	38	129
Manufacture of parts and accessories for motor vehicles	0	0	0	0	5	5
Manufacture of furniture	118	86	101	212	271	789
Manufacture of jeweler and related articles	0	0	0	15	22	37
Manufacture of imitation jeweler and related articles	0	0	0	0	7	7
Total	206	151	227	555	901	2,042

3.6 Compensation of employees

The 2010 ASIP revealed that all 5,544 employed persons were paid a total of (TShs. 9.5 billion) as compensation. Additionally, these establishments paid a total amount of (T.sh 9.5billion) as a labor cost incurred to these industries.(Table 21)

3.7 Gross output and intermediate costs

The 2010 ASIP revealed that small scale establishments had a total of (T.sh 630 billion) as gross output. Total costs of production amounted to (Tshs. 33.2 billion) while the value added stood at (T.sh 31.7 billion). The gross operating surplus amounted to (T.sh 23.2 billion) (Table 14).

3.8 Operating Ratios

Value Added to gross output ratio works out to 50.3 percent for small establishments, ranging from (T.sh 4.4 million) for extraction o f salt to (T.sh 146.4 million) for manufacture of articles of concrete (Table 15a).

Descriptions	Gross wages and salaries paid to employees	Overtime payments	Reimbursement of travel expenses	Payment in kind	Employer's contribution to social Security Schemes	Training expenses	Other labour costs	Total
Quarrying of stone, sand and clay	21,441	0	0	0	0	0	0	21,441
Extraction of salt	77,029	5,200	0	0	0	0	2,365	84,594
Manufacture of vegetable and animal oils and fats	11,200	0	0	0	0	0	0	11,200
Manufacture of grain mill products	242,244	0	0	0	0	0	0	242,244
Manufacture of bakery products	606,947	0	0	6,567	0	0	0	613,514
Manufacture of macaroni, noodles, couscous and similar faring	31,691	0	0	0	0	0	0	31,691
Manufacture of cordage, rope, twine and netting	13,608	0	0	0	0	0	0	13,608
Manufacture of wearing apparel, except fur apparel	2,342,172	0	370	759	0	11,026	2,663	2,356,990
Manufacture of footwear	29,700	0	0	0	0	0	0	29,700
Sawmilling and planing of wood	163,789	1,901	0	0	2,006	0	0	167,696
Manufacture of soap and detergents, cleaning and polishing p	11,880	0	0	0	0	0	0	11,880
Manufacture of cement, lime and plaster	11,931	0	0	0	0	0	0	11,931
Manufacture of articles of concrete, cement and plaster	914,883	0	0	550	0	0	0	915,433
Manufacture of other non-metallic mineral products n.e.c.	32,746	0	0	0	0	0	0	32,746
Manufacture of cutlery, hand tools and general hardware	226,755	0	0	0	0	0	0	226,755
Manufacture of other fabricated metal products n.e.c.	715,772	0	0	0	0	0	0	715,772
Manufacture of parts and accessories for motor vehicles	7,616	0	0	0	0	0	0	7,616
Manufacture of furniture	3,858,697	295	0	0	2,174	0	9,603	3,870,769
Manufacture of jewellery and related articles	74,445	0	0	0	0	0	0	74,445
Manufacture of imitation jewellery and related articles	46,085	0	0	0	0	0	0	46,085
Total	9,440,631	7,396	370	7,876	4,180	11,026	14,631	9,486,111

Compensation of employees represented to 29.9 percent of value added. This ratio is higher for establishments engaged in extraction of salt 79.5 percent.

Annual Survey of Industrial Production, 2010

ISIC R4	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 month	As a percent of VA
810	Quarrying of stone, sand and clay	5	17,924	4,379	57	10,179	2,487	103	40
893	Extraction of salt	31	4,375	741	77	3,357	569	52	80
1040	Manufacture of vegetable and animal oils and fats	2	111,000	18,500	99	109,990	18,332	120	7
1061	Manufacture of grain mill products	70	10,638	3,581	63	6,665	2,243	115	52
1071	Manufacture of bakery products	90	74,851	15,859	31	23,526	4,984	140	29
1074	Manufacture of macaroni, noodles, couscous and similar farin	14	50,356	11,940	68	34,491	8,178	50	6
1394	Manufacture of cordage, rope, twine and netting	641	12,345	5,019	81	9,986	4,060	152	37
1520	Manufacture of footwear	18	17,367	10,420	71	12,336	7,402	83	13
1610	Sawmilling and planing of wood	23	14,447	3,310	89	12,794	2,931	162	57
2023	Manufacture of soap and detergents, cleaning and polishing p	2	18,909	3,152	91	17,236	2,873	90	38
2394	Manufacture of cement, lime and plaster	12	8,050	4,025	33	2,620	1,310	80	37
2395	Manufacture of articles of concrete, cement and plaster	112	146,449	32,349	26	37,422	8,266	154	22
2399	Manufacture of other non-metallic mineral products n.e.c.	16	99,638	31,741	22	22,161	7,060	79	9
2593	Manufacture of cutlery, hand tools and general hardware	40	26,140	6,276	68	17,739	4,259	118	32
2599	Manufacture of other fabricated metal products n.e.c.	129	30,715	8,164	64	19,548	5,196	138	28
2930	Manufacture of parts and accessories for motor vehicles	5	133,500	66,750	94	125,300	62,650	70	1
3100	Manufacture of furniture	826	26,238	8,004	59	15,462	4,717	149	31
3212	Manufacture of imitation jewellery and related articles	7	59,500	14,875	42	25,140	6,285	130	25
Total		2,042	30,831	9,540	50	15,507	4,798	142	30

CHAPTER FOUR

CONCLUSION AND RECOMMENDATIONS

3.1 Conclusion

The census established that Industrial Sector is constrained by myriad of factors such as lack of Finance, Inadequate Infrastructure, Market access, Quality Standards and Technological constrains. As a result of these bottlenecks, the contribution of industrial sector to the economy especially (manufacturing) has remained insignificant despite Government's effort to revamp the sector. Majority of the industries are small in size, hence fail to compete in the regional and international markets. However these obstacles seem to be different for different size groups of establishment.

3.2 Recommendation

Government

- ✚ The Government is advised to review its industrial policy, so as to encourage the interested, parties, individuals to invest more on Industrial Sector.
- ✚ Ensure reliable sources of financial information and reduce cost of doing business
- ✚ To adopt policies which will provide more women to invest in industrial sector
- ✚ To change mind set of the Zanzibaris in work ethics morale and attitude in order to benefit from investing in Industrial Sector.
- ✚ For sustainability of the awareness campaign, the Government and Zanzibar National Chamber of Commerce Industry and Agriculture (ZNCCIA) have to take the leading role for aggressive sensitization campaign in the form of workshop and media to enhance regional outlook among SMEs.
- ✚ The Government in consultation with Ministry of Trade are advised to design special incentives that will sensitize SMEs to actively participate in the Industrial Sectors.

TABLES

Part One

Large Industrial Establishments

10+ workers

Table 1: Number of establishments by activity and region (ISIC R4) 2010

ISIC R4	Description	Region					
		Kaskazini Unguja	Kusini Unguja	Mjini Magharibi	Kaskazini Pemba	Kusini Pemba	Total
B	Mining and Quarrying						
810	Quarrying of stone, sand and clay	2	8	0	0	2	12
893	Extraction of salt	0	0	0	5	6	11
	Total Mining and Quarrying	2	8	0	5	8	23
C	Manufacturing						
1040	Manufacture of vegetable and animal oils and fats	0	0	1	0	0	1
1061	Manufacture of grain mill products	2	0	1	0	0	3
1071	Manufacture of bakery products	2	1	8	1	3	15
1074	Manufacture of macaroni, noodles, couscous and similar faring	0	0	1	0	0	1
1079	Manufacture of other food products n.e.c.	0	0	1	0	0	1
1104	Manufacture of soft drinks; production of mineral waters and	0	1	2	0	0	3
1394	Manufacture of cordage, rope, twine and netting	1	2	0	0	0	3
1410	Manufacture of wearing apparel, except fur apparel	1	2	3	0	3	9
1610	Sawmilling and planing of wood	0	0	3	0	0	3
1811	Printing	0	0	2	0	0	2
1820	Reproduction of recorded media	0	0	1	0	0	1
2023	Manufacture of soap and detergents, cleaning and polishing p	1	1	0	0	0	2
2029	Manufacture of other chemical product n.e.c	0	0	0	0	1	1
2219	Manufacture of other rubber products	0	0	1	0	0	1
2220	Manufacture of plastics products	0	0	1	0	0	1
2395	Manufacture of articles of concrete, cement and plaster	5	3	14	0	1	23
2593	Manufacture of cutlery, hand tools and general hardware	0	0	1	0	0	1
2599	Manufacture of other fabricated metal products n.e.c.	0	0	1	0	1	2
3012	Building of pleasure and sporting boats	0	0	1	0	0	1
3100	Manufacture of furniture	4	1	13	0	3	21
3211	Manufacture of jewellery and related articles	0	0	1	0	0	1
3312	Repair of machinery	0	0	1	0	0	1
	Total Manufacturing	16	11	57	1	12	97
	Grand Total	18	19	57	6	20	120

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 1 above represents the distribution of establishment by Region and activities, and it revealed that 47.5 percent of industries (large) are located in urban west region followed by South Unguja accounted for a (16.7percent), Kusini North Unguja accounted for 15.8percent while Kaskazini North Pemba had only 5.0 percent.

Table 1 b: Number of person engaged by ISIC (ISIC R4), 2010

ISIC R4	Description	Working proprietors and partners		Unpaid workers		Managerial and professional staff		Operatives - skilled		Operatives -non skilled		Others		Total Persons Engaged	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
B	Mining and Quarrying														
810	Quarrying of stone, sand and clay	4	0	0	0	13	0	81	19	26	36	39	25	163	80
893	Extraction of salt	94	55	0	0	7	5	2	9	6	5	4	0	113	74
	Mining and Quarrying	98	55	0	0	20	5	83	28	32	41	43	25	276	154
C	Manufacturing														
1040	Manufacture of vegetable and animal oils and fats	1	0	0	0	0	0	0	0	0	0	8	1	9	1
1061	Manufacture of grain mill products	3	0	6	4	0	0	8	0	0	0	10	0	27	4
1071	Manufacture of bakery products	6	0	0	0	11	0	134	0	8	0	18	0	177	0
1074	Manufacture of macaroni, noodles, couscous and similar faring	1	0	0	0	0	0	0	0	0	0	9	0	10	0
1079	Manufacture of other food products n.e.c.	0	0	0	0	1	0	3	0	5	2	4	3	13	5
1104	Manufacture of soft drinks; production of mineral waters and	4	2	0	0	21	13	59	9	34	28	15	3	133	55
1394	Manufacture of cordage, rope, twine and netting	0	40	0	0	0	32	29	0	0	0	0	0	29	72
1410	Manufacture of wearing apparel, except fur apparel	15	11	0	9	4	3	31	31	3	10	0	0	53	64
1610	Sawmilling and planing of wood	5	0	0	0	3	0	40	0	0	0	4	0	52	0
1811	Printing	1	0	0	0	21	17	51	57	12	10	0	0	85	84
1820	Reproduction of recorded media	32	2	0	0	3	4	23	2	5	0	8	0	71	8
2023	Manufacture of soap and detergents, cleaning and polishing p	0	20	0	0	0	0	2	18	0	0	0	0	2	38
2100	Manufacture of other chemical product n.e.c	0	0	0	0	1	0	4	2	4	2	15	14	24	18
2219	Manufacture of other rubber products	6	0	0	0	6	3	30	12	176	573	105	0	323	588
2220	Manufacture of plastics products	18	0	0	0	1	1	11	0	2	0	0	0	32	1
2395	Manufacture of articles of concrete, cement and plaster	8	0	1	0	22	1	170	0	46	0	70	1	317	2
2593	Manufacture of cutlery, hand tools and general hardware	0	0	0	0	0	0	0	0	0	0	12	0	12	0
2599	Manufacture of other fabricated metal products n.e.c.	2	0	0	0	0	0	19	0	2	0	0	0	23	0
3012	Building of pleasure and sporting boats	0	0	0	0	1	1	9	0	6	0	3	2	19	3
3100	Manufacture of furniture	9	4	0	0	22	1	216	8	33	0	36	0	316	13
3211	Manufacture of jewellery and related articles	0	0	0	0	0	0	21	0	0	0	0	0	21	0
3312	Repair of machinery	0	0	0	0	3	0	25	4	0	0	12	11	40	15
	Manufacturing	111	79	7	13	120	76	885	143	336	625	329	35	1788	971
Grand Total		209	134	7	13	140	81	968	171	368	666	372	60	2064	1125

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 2: Number of establishments by activity and origin of ownership (ISIC R4) 2010

ISIC R4	Description	Origin of ownership		
		National	Foreign	Joint
B	Mining and Quarrying			
810	Quarrying of stone, sand and clay	12	0	0
893	Extraction of salt	11	0	0
	Mining and Quarrying	23	0	0
C	Manufacturing			
1040	Manufacture of vegetable and animal oils and fats	1	0	0
1061	Manufacture of grain mill products	3	0	0
1071	Manufacture of bakery products	15	0	0
1074	Manufacture of macaroni, noodles, couscous and similar faring	1	0	0
1079	Manufacture of other food products n.e.c.	1	0	0
1104	Manufacture of soft drinks; production of mineral waters and	2	1	0
1394	Manufacture of cordage, rope, twine and netting	3	0	0
1410	Manufacture of wearing apparel, except fur apparel	9	0	0
1610	Sawmilling and planning of wood	3	0	0
1811	Printing	1	0	1
1820	Reproduction of recorded media	0	1	0
2023	Manufacture of soap and detergents, cleaning and polishing p	2	0	0
2029	Manufacture of other chemical product n.e.c	1	0	0
2219	Manufacture of other rubber products	0	0	1
2220	Manufacture of plastics products	0	1	0
2395	Manufacture of articles of concrete, cement and plaster	23	0	0
2593	Manufacture of cutlery, hand tools and general hardware	1	0	0
2599	Manufacture of other fabricated metal products n.e.c.	2	0	0
3012	Building of pleasure and sporting boats	0	1	0
3100	Manufacture of furniture	20	1	0
3211	Manufacture of jewellery and related articles	1	0	0
3312	Repair of machinery	1	0	0
	Manufacturing	90	5	2
	Grand Total	113	5	2

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 1b above shows the distribution of the workers by employment status and sex. Out of 3,189 workers, there were 1788 males constituting around 56.1 percent of the total. 2823 workers were salaried employees comprising 221 managerial and professional staff 2174 operatives of whom 1139 skilled one and 432 falling in the other category.

Table 2 above shows that 113 establishments were owned by Nationals, 94.2 percent, compared to Foreign owned and jointly owned with only 5.8 percent.

Table 3: Number of establishments by activity and form of ownership (ISIC R4) 2010

ISIC R4	Description	Form of ownership						Total
		Individual proprietorship	Partnership	Public	Cooperative	Private company	Private limited company	
B	Mining and Quarrying							
810	Quarrying of stone, sand and clay	11	0	1	0	0	0	12
893	Extraction of salt	3	0	0	8	0	0	11
	Mining and Quarrying	14	0	1	8	0	0	23
C	Manufacturing							
1,040	Manufacture of vegetable and animal oils and fats	1	0	0	0	0	0	1
1061	Manufacture of grain mill products	1	0	0	2	0	0	3
1071	Manufacture of bakery products	13	1	0	1	0	0	15
1074	Manufacture of macaroni, noodles, couscous and similar faring	1	0	0	0	0	0	1
1079	Manufacture of other food products n.e.c.	1	0	0	0	0	0	1
1104	Manufacture of soft drinks; production of mineral waters and	1	0	0	0	1	1	3
1394	Manufacture of cordage, rope, twine and netting	1	0	0	2	0	0	3
1410	Manufacture of wearing apparel, except fur apparel	3	0	0	5	1	0	9
1610	Sawmilling and planning of wood	0	1	0	1	0	1	3
1811	Printing	0	0	1	0	0	1	2
1820	Reproduction of recorded media	0	0	0	0	0	1	1
2023	Manufacture of soap and detergents, cleaning and polishing p	1	0	0	1	0	0	2
2029	Manufacture of other chemical product n.e.c	0	0	1	0	0	0	1
2219	Manufacture of other rubber products	0	0	0	0	1	0	1
2220	Manufacture of plastics products	0	1	0	0	0	0	1
2395	Manufacture of articles of concrete, cement and plaster	23	0	0	0	0	0	23
2593	Manufacture of cutlery, hand tools and general hardware	0	0	0	1	0	0	1
2599	Manufacture of other fabricated metal products n.e.c.	0	0	0	1	1	0	2
3012	Building of pleasure and sporting boats	1	0	0	0	0	0	1
3100	Manufacture of furniture	9	2	0	8	0	2	21
3211	Manufacture of jewellery and related articles	0	0	0	1	0	0	1
3312	Repair of machinery	0	0	1	0	0	0	1
	Manufacturing	56	5	3	23	4	6	97
	Grand Total	70	5	4	31	4	6	120

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 3 above shows an analysis by legal types of organization existing in large industries and it reveals that 70 establishments were operating as sole partnership 4 as public 5 in partnership, 6 were operating as private limited company, while 4 establishments were operating as private company. There were also 31 establishments operating as cooperative.

Table 4: Number of establishments by activity and employment size (ISIC R4), 2010

ISIC R4	Description	Persons engaged						Total
		< 10	10-19	20-49	50-99	100-499	500+	
B	Mining and Quarrying							
810	Quarrying of stone, sand and clay	0	7	5	0	0	0	12
893	Extraction of salt	0	7	4	0	0	0	11
	Mining and Quarrying	0	14	9	0	0	0	23
C	Manufacturing							
1040	Manufacture of vegetable and animal oils and fats	0	1	0	0	0	0	1
1061	Manufacture of grain mill products	0	3	0	0	0	0	3
1071	Manufacture of bakery products	0	15	0	0	0	0	15
1074	Manufacture of macaroni, noodles, couscous and similar faring	0	1	0	0	0	0	1
1079	Manufacture of other food products n.e.c.	0	1	0	0	0	0	1
1104	Manufacture of soft drinks; production of mineral waters and	0	0	1	2	0	0	3
1394	Manufacture of cordage, rope, twine and netting	0	0	3	0	0	0	3
1410	Manufacture of wearing apparel, except fur apparel	0	9	0	0	0	0	9
1610	Sawmilling and planning of wood	0	2	1	0	0	0	3
1811	Printing	0	0	1	0	1	0	2
1820	Reproduction of recorded media	0	0	0	1	0	0	1
2023	Manufacture of soap and detergents, cleaning and polishing p	0	0	2	0	0	0	2
2029	Manufacture of other chemical product n.e.c	0	0	1	0	0	0	1
2219	Manufacture of other rubber products	0	0	0	0	0	1	1
2220	Manufacture of plastics products	0	0	1	0	0	0	1
2395	Manufacture of articles of concrete, cement and plaster	0	20	3	0	0	0	23
2593	Manufacture of cutlery, hand tools and general hardware	0	1	0	0	0	0	1
2599	Manufacture of other fabricated metal products n.e.c.	0	2	0	0	0	0	2
3012	Building of pleasure and sporting boats	0	0	1	0	0	0	1
3100	Manufacture of furniture	0	18	2	1	0	0	21
3211	Manufacture of jewellery and related articles	0	0	1	0	0	0	1
3312	Repair of machinery	0	0	0	1	0	0	1
	Manufacturing	0	73	17	5	1	1	97
	Grand Total	0	87	26	5	1	1	120

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 4 above show the distribution of establishment and employment size of 10 – 19, constitute 72.5 percent of the total establishment, also the table shows that only one establishment of which in manufacturing were in size 500+.

Table 5: Number of Persons Engaged by Size and Industrial Group (ISIC R4), 2010

ISIC R4	Description	Persons engaged					
		10-19	20-49	50-99	100-499	500+	Total
B	Mining and Quarrying						
810	Quarrying of stone, sand and clay	91	152	0	0	0	243
893	Extraction of salt	90	97	0	0	0	187
	Mining and Quarrying	181	249	0	0	0	430
C	Manufacturing						
1040	Manufacture of vegetable and animal oils and fats	10	0	0	0	0	10
1061	Manufacture of grain mill products	31	0	0	0	0	31
1071	Manufacture of bakery products	177	0	0	0	0	177
1074	Manufacture of macaroni, noodles, couscous and similar faring	10	0	0	0	0	10
1079	Manufacture of other food products n.e.c.	18	0	0	0	0	18
1104	Manufacture of soft drinks; production of mineral waters and	0	44	144	0	0	188
1394	Manufacture of cordage, rope, twine and netting	0	101	0	0	0	101
1410	Manufacture of wearing apparel, except fur apparel	117	0	0	0	0	117
1610	Sawmilling and planning of wood	22	30	0	0	0	52
1811	Printing	0	33	0	136	0	169
1820	Reproduction of recorded media	0	0	79	0	0	79
2023	Manufacture of soap and detergents, cleaning and polishing p	0	40	0	0	0	40
2029	Manufacture of other chemical product n.e.c	0	42	0	0	0	42
2219	Manufacture of other rubber products	0	0	0	0	911	911
2220	Manufacture of plastics products	0	33	0	0	0	33
2395	Manufacture of articles of concrete, cement and plaster	255	64	0	0	0	319
2593	Manufacture of cutlery, hand tools and general hardware	12	0	0	0	0	12
2599	Manufacture of other fabricated metal products n.e.c.	23	0	0	0	0	23
3012	Building of pleasure and sporting boats	0	22	0	0	0	22
3100	Manufacture of furniture	221	58	50	0	0	329
3211	Manufacture of jewellery and related articles	0	21	0	0	0	21
3312	Repair of machinery	0	0	55	0	0	55
	Manufacturing	896	488	328	136	911	2,759
	Grand Total	1,077	737	328	136	911	3,189

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 5 above indicate number of person engaged in 120 large establishments in 2010 and shows that the total numbers of persons engaged were 3,189person, sizes 10 – 19 had 1,077person engaged which is the highest number of workers (33.8 percent).

Table 6: Number of Persons Engaged by Industrial activity (ISIC R4) and origin of ownership (ISIC R4), 2010

B	Mining and Quarrying				
810	Quarrying of stone, sand and clay	243	0	0	243
893	Extraction of salt	187	0	0	187
Mining and Quarrying		430	0	0	430
C	Manufacturing				
1040	Manufacture of vegetable and animal oils and fats	10	0	0	10
1061	Manufacture of grain mill products	31	0	0	31
1071	Manufacture of bakery products	177	0	0	177
1074	Manufacture of macaroni, noodles, couscous and similar faring	10	0	0	10
1079	Manufacture of other food products n.e.c.	18	0	0	18
1104	Manufacture of soft drinks; production of mineral waters and	138	50	0	188
1394	Manufacture of cordage, rope, twine and netting	101	0	0	101
1410	Manufacture of wearing apparel, except fur apparel	117	0	0	117
1610	Sawmilling and planning of wood	52	0	0	52
1811	Printing	136	0	33	169
1820	Reproduction of recorded media	0	79	0	79
2023	Manufacture of soap and detergents, cleaning and polishing p	40	0	0	40
2029	Manufacture of other chemical product n.e.c	42	0	0	42
2219	Manufacture of other rubber products	0	0	911	911
2220	Manufacture of plastics products	0	33	0	33
2395	Manufacture of articles of concrete, cement and plaster	319	0	0	319
2593	Manufacture of cutlery, hand tools and general hardware	12	0	0	12
2599	Manufacture of other fabricated metal products n.e.c.	23	0	0	23
3012	Building of pleasure and sporting boats	0	22	0	22
3100	Manufacture of furniture	302	27	0	329
3211	Manufacture of jewellery and related articles	21	0	0	21
3312	Repair of machinery	55	0	0	55
Manufacturing		1,604	211	944	2,759
Grand Total		2,034	211	944	3,189

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 6 above shows that establishment owned by nationals, employed a total of 2,034 workers (63.8 percent), foreign owned had 6.6 percent 211 persons, and jointly owned 944 workers (30.0 percent).

Table 7: Number establishment by Activity and Source of Finance

ISIC R4	Description	Source of Finance					Total
		Personal and Relatives	Loans	Government	Other Source	Missing	
B	Mining and Quarrying						
810	Quarrying of stone, sand and clay	8	0	0	1	3	12
893	Extraction of salt	10	0	0	1	0	11
	Mining and Quarrying	18	0	0	2	3	23
C	Manufacturing						
1040	Manufacture of vegetable and animal oils and fats	1	0	0	0	0	1
1061	Manufacture of grain mill products	1	1	0	1	0	3
1071	Manufacture of bakery products	15	0	0	0	0	15
1074	Manufacture of macaroni, noodles, couscous and similar faring	1	0	0	0	0	1
1079	Manufacture of other food products n.e.c.	1	0	0	0	0	1
1104	Manufacture of soft drinks; production of mineral waters and	2	0	0	0	1	3
1394	Manufacture of cordage, rope, twine and netting	1	0	0	2	0	3
1410	Manufacture of wearing apparel, except fur apparel	6	0	1	1	1	9
1610	Sawmilling and planning of wood	3	0	0	0	0	3
1811	Printing	0	0	0	0	2	2
1820	Reproduction of recorded media	1	0	0	0	0	1
2023	Manufacture of soap and detergents, cleaning and polishing p	1	0	0	1	0	2
2029	Manufacture of other chemical product n.e.c	1	0	0	0	0	1
2219	Manufacture of other rubber products	0	0	0	0	1	1
2220	Manufacture of plastics products	1	0	0	0	0	1
2395	Manufacture of articles of concrete, cement and plaster	23	0	0	0	0	23
2593	Manufacture of cutlery, hand tools and general hardware	0	0	0	1	0	1
2599	Manufacture of other fabricated metal products n.e.c.	1	0	0	1	0	2
3012	Building of pleasure and sporting boats	1	0	0	0	0	1
3100	Manufacture of furniture	13	0	0	7	1	21
3211	Manufacture of jewellery and related articles	1	0	0	0	0	1
3312	Repair of machinery	0	0	0	0	1	1
	Manufacturing	74	1	1	14	7	97
	Grand Total	92	1	1	16	10	120

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 7 above reveals that out of 120 establishments 92 (76.7 percent) reported that their sources of finance come from personal and relatives, other source 13.3 percent, while loans / Government 1.7 percent.

Table 8: Number of establishments by employment size and region

Region	Persons engaged					
	10-19	20-49	50-99	100-499	500+	Total
Kaskazini Unguja	15	3	0	0	0	18
Kusini Unguja	12	6	1	0	0	19
Mjini Magharibi	41	10	4	1	1	57
Kaskazini Pemba	5	1	0	0	0	6
Kusini Pemba	14	6	0	0	0	20
Total	87	26	5	1	1	120

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 9: Number of establishments by employment size and origin of ownership

Persons engaged	Origin of ownership			
	National	Foreign	Joint	Total
10-19	87	0	0	87
20-49	22	3	1	26
50-99	3	2	0	5
100-499	1	0	0	1
500+	0	0	1	1
Total	113	5	2	120

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 10: Number of establishments by employment size and type of legal organization

Persons engaged	Form of ownership						Total
	Individual proprietorship	Partnership	Public	Cooperative	Private company	Private limited company	
10-19	58	4	0	22	2	1	87
20-49	10	1	2	9	0	4	26
50-99	2	0	1	0	1	1	5
100-499	0	0	1	0	0	0	1
500+	0	0	0	0	1	0	1
Total	70	5	4	31	4	6	120

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 11: Number of establishments by employment size and Source of finance

Persons engaged	Source of Finance					
	Personal and Relatives	Loans	Government	Other Source	Missing	Total
10-19	73	1	1	11	1	87
20-49	16	0	0	5	5	26
50-99	3	0	0	0	2	5
100-499	0	0	0	0	1	1
500+	0	0	0	0	1	1
Total	92	1	1	16	10	120

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 12: Number of Establishment by Activity and Year started Operation (ISIC R4), 2010

ISIC R4	Description	Year establishment started					Total
		Before 1990	1990 - 1994	1995 - 1999	2000 - 2004	2005 or later	
B	Mining and Quarrying						
810	Quarrying of stone, sand and clay	2	3	1	4	2	12
893	Extraction of salt	0	1	5	0	5	11
	Mining and Quarrying	2	4	6	4	7	23
C	Manufacturing						
1040	Manufacture of vegetable and animal oils and fats	0	0	1	0	0	1
1061	Manufacture of grain mill products	0	0	1	0	2	3
1071	Manufacture of bakery products	1	0	4	7	3	15
1074	Manufacture of macaroni, noodles, couscous and similar faring	0	1	0	0	0	1
1079	Manufacture of other food products n.e.c.	0	0	0	1	0	1
1104	Manufacture of soft drinks; production of mineral waters and	0	0	1	2	0	3
1394	Manufacture of cordage, rope, twine and netting	0	0	1	0	2	3
1410	Manufacture of wearing apparel, except fur apparel	0	0	2	2	5	9
1610	Sawmilling and planing of wood	1	0	2	0	0	3
1811	Printing	1	0	1	0	0	2
1820	Reproduction of recorded media	0	0	1	0	0	1
2023	Manufacture of soap and detergents, cleaning and polishing p	0	1	0	1	0	2
2029	Manufacture of other chemical product n.e.c	1	0	0	0	0	1
2219	Manufacture of other rubber products	0	0	0	1	0	1
2220	Manufacture of plastics products	0	0	0	0	1	1
2395	Manufacture of articles of concrete, cement and plaster	0	3	1	10	9	23
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.	0	1	0	1	0	2
3012	Building of pleasure and sporting boats	0	0	0	1	0	1
3100	Manufacture of furniture	11	1	4	3	2	21
3211	Manufacture of jewellery and related articles	1	0	0	0	0	1
3312	Repair of machinery	1	0	0	0	0	1
	Manufacturing	18	7	19	29	24	97
	Grand Total	20	11	25	33	31	120

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 12 above shows that the number of large industrial establishments which started operation before 1990 were 20, 31 reported as having started operation after 2005. Table also shows the number of establishment started operation between 1994 and 2004 stood at 69.

Table 13: Evolution in person engaged by Activity, June to December (ISIC R4), 2010

ISIC R4	Description	No. of person engaged					
		30th June 2010			31st December		
		Males	Females	Total	Males	Females	Total
B	Mining and Quarrying						
810	Quarrying of stone, sand and clay	162	81	243	162	81	243
893	Extraction of salt	93	69	162	113	74	187
	Mining and Quarrying	162	81	243	162	81	243
C	Manufacturing						
1040	Manufacture of vegetable and animal oils and fats	9	1	10	9	1	10
1061	Manufacture of grain mill products	25	4	29	27	4	31
1071	Manufacture of bakery products	177	0	177	265	0	265
1074	Manufacture of macaroni, noodles, couscous and similar faring	10	0	10	10	0	10
1079	Manufacture of other food products n.e.c.	13	6	19	13	6	19
1104	Manufacture of soft drinks; production of mineral waters and	135	47	182	133	49	182
1394	Manufacture of cordage, rope, twine and netting	0	101	101	0	101	101
1410	Manufacture of wearing apparel, except fur apparel	52	62	114	52	62	114
1610	Sawmilling and planning of wood	52	0	52	52	0	52
1811	Printing	83	82	165	85	83	168
1820	Reproduction of recorded media	41	5	46	39	4	43
2023	Manufacture of soap and detergents, cleaning and polishing p	2	200	202	2	38	40
2029	Manufacture of other chemical product n.e.c	24	18	42	24	18	42
2219	Manufacture of other rubber products	218	588	806	323	588	911
2220	Manufacture of plastics products	28	0	28	32	0	32
2395	Manufacture of articles of concrete, cement and plaster	317	2	319	307	2	309
2593	Manufacture of cutlery, hand tools and general hardware	12	0	12	12	0	12
2599	Manufacture of other fabricated metal products n.e.c.	23	0	23	23	0	23
3012	Building of pleasure and sporting boats	24	2	26	19	2	21
3100	Manufacture of furniture	324	13	337	304	13	317
3211	Manufacture of jewellery and related articles	21	0	21	21	0	21
3312	Repair of machinery	38	13	51	40	15	55
	Manufacturing	1,628	1,144	2,772	1,792	986	2,778
	Grand Total	1,883	1,294	3,177	2,067	1,141	3,208

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

xxxTable 13: Shows that from 30th June 2010, the number of persons engaged increased by 31 workers to 3,208 at the end of December 2010, from 3177, but the number of female workers at the same date decreased by 153 to 1,141 workers.

Table 14 below indicates the gross output or total value of goods and services produced by the large industries amounted to (T.shs 39,704,115) thousand in 2010, of which 91.1 percent were produced by manufacturing establishments. Intermediate consumption amounted to (T.shs 21,586,779) thousand. After deduction of intermediate consumption from gross output, value added which measure the

contribution of large establishment to GDP, works out to (T.shs 18,723,557) thousand, out of the value added generated by the sector, (T.shs 4,258,321) thousand were paid to employees as wages and salaries (compensation of employees). The remainder after deducting (T.shs 41,389) thousand paid as taxes on production (less subsidies) to government represent gross operating surplus (or gross profit) amounted to (T.shs 14,594,897) thousand. The gross operating surplus represents the gross amount that went to employee as remuneration for their capital.

Table 15a above shows that value added to gross output ratio works out to 47 for the large industrial establishments in 2010. This ratio ranges from 31percent for manufacture of saw milling and planning of wood to 78 percent for manufacture of rubber products, plastics. The ratio for Mining and Quarrying stood at 64 percent, while extraction of salt had 72 percent.

Table 14: Production account by individual establishment (ISIC R4), 2010

('000') Tshs

ISIC R4	Description	Number of Establishment	Person Engaged	Gross Output	Intermediate Consumption	Value Added (Basic prices)	Compensation of Employees	Taxes on Production	Gross Operating Surplus
B	Mining and Quarrying								
810	Quarrying of stone, sand and clay	12	0	3,470,299	1,247,736	2,222,563	279,106	2,620	1,940,837
893	Extraction of salt	11	187	68,218	25,695	49,273	34,580	0	25,073
	Mining and Quarrying	23	0	3,538,516	1,273,431	2,271,836	313,686	2,620	1,965,910
C	Manufacturing								
1040	Manufacture of vegetable and animal oils and fats, grain mill product	4	41	264,780	156,378	108,402	28,500	460	79,442
1071	Manufacture of bakery products	15	265	2,468,608	1,846,241	852,451	211,736	770	668,785
1074	Manufacture of macaroni, noodles, couscous and similar faring, other food products, production of mineral water	5	211	7,480,112	3,978,174	3,501,939	954,642	19,356	2,527,941
1079									
1104									
1394	Manufacture of cordage, rope, twine and netting	3	101	12,146	3,680	10,916	13,920	0	10,916
1410	Manufacture of wearing apparel, except fur apparel	9	114	534,294	219,233	315,062	138,717	1,875	174,470
1610	Sawmilling and planing of wood	3	52	1,075,700	799,120	334,540	69,088	550	276,902
1811	Printing, Reproduction of recorded media	3	211	11,181,301	6,465,934	4,715,367	411,398	4,693	4,299,277
1820									
2023	Manufacture of soap and detergents, cleaning and polishing, other chemical product	3	82	2,584,320	1,690,693	893,627	173,953	-	719,674
2029									
2219	Manufacture of other rubber products and plastics products	2	943	1,993,293	431,295	1,561,998	758,408	1,913	801,678
2220									
2395	Manufacture of articles of concrete, cement and plaster	23	309	4,832,263	3,406,110	1,510,573	442,340	3,949	1,076,425
2593	Manufacture of cutlery, hand tools and general hardware, other fabricated metal products n.e.c.	3	35	213,703	40,444	173,258	63,307	1,020	108,931
2599									
3012	Building of pleasure and sporting boats, furniture	22	338	3,385,697	1,242,454	2,367,800	581,911	3,765	1,875,894
3100									
3211	Manufacture of jewellery and related articles, Repair of machinery	2	76	139,382	33,594	105,788	96,715	420	8,653
3312									
	Manufacturing	97	3	36,165,599	20,313,348	16,451,721	3,944,635	38,769	12,628,987
	Grand Total	120	3,208	39,704,115	21,586,779	18,723,557	4,258,321	41,389	14,594,897

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 15a: Operation Ratios by Industrial activity (ISIC R4), 2010

('000') Tshs

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	Per employee per month	As a percent of VA
B	Mining and Quarrying								
810	Quarrying of stone, sand and clay	12	289,192	14,281	0	185,214	9,146	97	13
893	Extraction of salt	11	6,202	365	72	4,479	263	76	70
C	Manufacturing								
1040 1061	Manufacture of vegetable and animal oils and fats, grain mill products	19	248,566	22,889	0	111,526	10,480	233	0
1074 1079 1104	Manufacture of macaroni, noodles, couscous and similar faring, other food products n.e.c ;production of mineral waters and	5	2,706,956	61,038	94	1,211,127	23,572	650	154
1394	Manufacture of cordage, rope, twine and netting	12	45,537	2,507	60	27,165	1,495	89	47
1610	Sawmilling and planning of wood	3	358,567	20,687	31	111,513	6,433	122	21
1811	Printing	3	3,727,100	45,086	42	1,571,789	19,014	161	9
2023 2029	Manufacture of soap and detergents, cleaning and polishing; other chemical product	3	2,578,434	61,545	95	890,069	21,285	374	204
2219 2220	Manufacture of other rubber products; plastics products	2	1,993,293	11,578	149	1,561,998	8,138	301	73
2395	Manufacture of articles of concrete, cement and plaster	23	210,098	15,148	31	65,677	4,735	119	29
2593 2599	Manufacture of cutlery, hand tools and general hardware; other fabricated metal products n.e.c.	3	132,771	11,358	171	111,147	9,487	328	83
3012 3100	Building of pleasure and sporting boats; furniture	22	240,033	13,801	132	161,645	9,374	263	84
3211 3312	Manufacture of jewellery and related articles; Repair of machinery	2	139,382	3,066	126	105,788	2,169	154	133
Total		120	12,676,130	283,347	1,162	6,119,138	125,594	2,967	967

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 15b: Principal Indicators by Industrial activity (ISIC R4), 2010

('000) Tshs

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
B	Mining and Quarrying										
810	Quarrying of stone, sand and clay	12	243	8	239	3,470,299	9	2,222,563	12	279,106	7
893	Extraction of salt	11	187	6	38	68,218	0	49,273	0	34,580	1
C	Manufacturing										
1040	Manufacture of vegetable and animal oils and fats; vegetable and animal oils and fats	4	41	1	27	264,780	1	108,402	1	28,500	1
1061											
1071	Manufacture of bakery products; macaroni, noodles, couscous and similar faring; other food products n.e.c.	17	205	6	198	2,788,986	7	918,172	5	250,708	6
1074											
1079											
1104	Manufacture of soft drinks; production of mineral waters and	3	188	6	182	7,159,735	18	3,436,217	18	915,670	22
1394	Manufacture of cordage, rope, twine and netting	3	101	3	61	12,146	0	10,916	0	13,920	0
1410	Manufacture of wearing apparel, except fur apparel	9	117	4	82	534,294	1	315,062	2	138,717	3
1610	Sawmilling and planing of wood	3	52	2	47	1,075,700	3	334,540	2	69,088	2
1811	Printing; Reproduction of recorded media	3	248	8	213	11,181,301	28	4,715,367	25	411,398	10
1820											
2023	Manufacture of soap and detergents, cleaning and polishing; other chemical product	3	82	3	62	2,584,320	7	893,627	5	173,953	4
2029											
2219	Manufacture of other rubber products; plastics products	2	944	30	920	1,993,293	5	1,561,998	8	758,408	18
2220											
2395	Manufacture of articles of concrete, cement and plaster	23	319	10	310	4,832,263	12	1,510,573	8	442,340	10
2593	Manufacture of cutlery, hand tools and general hardware; other fabricated metal products n.	3	35	1	33	213,703	1	173,258	1	63,307	1
2599											
3012	Building of pleasure and sporting boats	1	22	1	22	82,750	0	51,337	0	31,100	1
3100	Manufacture of furniture	21	329	10	316	3,302,947	8	2,316,463	12	550,811	13
3012	Building of pleasure and sporting boats; furniture	22	351	11	338	3,385,697	9	2,367,800	13	581,911	14
3100											
3211	Manufacture of jeweler and related articles; Repair of machinery	2	76	2	76	139,382	0	105,788	1	96,715	2
3312											
Total		120	3,189	100	2,826	39,704,115	100	18,723,557	100	4,258,321	100

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 17: Detailed Intermediate consumption by Industrial activity (ISIC R4), 2010 ('000) T.sh.

ISIC R4	Description	Imported	Local	Electricity, water & fuel	Industrial Services Consumed	Non Industrial Services Consumed	Change in Stock	Total Intermediate
B	Mining and Quarrying							
810	Quarrying of stone, sand and clay	0	244,067	981,689	16,500	4,800	(680)	1,247,736
893	Extraction of salt	3,225	0	7,438	10,770	1,560	(2,702)	25,695
	Mining and Quarrying	3,225	244,067	989,127	27,270	6,360	(3,382)	1,273,431
C	Manufacturing							
1040	Manufacture of vegetable and animal oils and fats	0	35,840	2,844	2,000	0	(150)	40,834
1061	Manufacture of grain mill products	0	112,800	10,476	3,250	18	11,000	115,544
1071	Manufacture of bakery products	600,758	1,100,050	127,282	6,813	7,700	(3,639)	1,846,241
1074	Manufacture of macaroni, noodles, couscous and similar faring	69,120	0	4,310	500	100	(5,000)	79,030
1079	Manufacture of other food products n.e.c.	1,500	159,000	8,572	3,600	2,954	0	175,626
1104	Manufacture of soft drinks; production of mineral waters and	182,531	1,286,563	688,997	44,877	1,322,650	(197,900)	3,723,518
1394	Manufacture of cordage, rope, twine and netting	0	3,530	110	0	0	(40)	3,680
1410	Manufacture of wearing apparel, except fur apparel	142,825	38,883	33,083	1,567	10,564	7,690	219,233
1610	Sawmilling and planing of wood	14,280	753,120	19,820	4,220	39,680	32,000	799,120
1811	Printing	0	909,376	74,809	52,831	18,980	(48,803)	1,104,799
1820	Reproduction of recorded media	4,847,686	260,075	44,745	55,343	171,944	18,658	5,361,135
2023	Manufacture of soap and detergents, cleaning and polishing p	252	3,926	184	0	0	(295)	4,657
2029	Manufacture of other chemical product n.e.c	0	2,500,000	33,390	0	951	848,305	1,686,036
2219	Manufacture of other rubber products	0	97,895	157,026	0	74,822	0	329,742
2220	Manufacture of plastics products	185,313	0	33,060	5,467	34,509	156,797	101,553
2395	Manufacture of articles of concrete, cement and plaster	881,880	2,238,421	210,596	21,130	12,125	(41,958)	3,406,110
2593	Manufacture of cutlery, hand tools and general hardware	0	2,664	0	140	0	0	2,804
2599	Manufacture of other fabricated metal products n.e.c.	0	22,351	9,292	2,501	3,757	260	37,640
3012	Building of pleasure and sporting boats	11,330	249	6,794	1,500	4,540	(7,000)	31,413
3100	Manufacture of furniture	236,190	884,548	50,833	17,242	22,365	137	1,211,041
3211	Manufacture of jewellery and related articles	0	8,695	793	0	244	0	9,732
3312	Repair of machinery	0	15,372	12,123	1,740	1,537	6,910	23,862
	Manufacturing	7,173,665	10,433,357	1,529,141	224,720	1,729,438	776,973	20,313,348
	Grand Total	7,176,890	10,677,424	2,518,267	251,990	1,735,798	773,591	21,586,779

Table 18: Raw materials purchased by product category and origin, 2010 ('000) Tshs

CPC Codes	Description	Imported Value	Local Value	Total
15120	Marble and other calcium roes monumental or building stone	0	35,269	35,269
15130	Granite, sandstone and other monumental or building stone	0	552,880	552,880
15200	Gypsum; anhydrite; limestone flux; limestone and other calcium	0	2,920	2,920
16200	Salt and pure sodium chloride; sea water	180	525	705
21549	Other vegetable oils, refined, n.e.c.	0	1,736	1,736
23110	Wheat and Maslin flour	0	587,544	587,544
23921	Pepper (piper spp.), processed	100	0	100
23995	Sauces; mixed condiments; mustard flour and meal; prepared m	0	20	20
23996	Yeasts (active or inactive); other single-cell micro-organizations	0	1,747	1,747
26350	Cotton sewing thread	17,444	14,958	32,402
27310	Twine, cordage, rope and cables	0	1,040	1,040
28238	Handkerchiefs, shawls, scarves, veils, ties, cravats, gloves	100,267	3,647	103,914
29120	Other leather, of bovine or equine animals, without hair on	0	7,200	7,200
29600	Parts of footwear; removable insoles, heel cushions	0	1,800	1,800
30310	30,310	0	14,400	14,400
31310	Wood in the rough, treated with paint, stains, creosote or o	5,421	302,018	307,439
31330	Other wood in the rough (including split poles and pickets)	0	1,200	1,200
31911	Tools, tool bodies, tool handles, broom or brush bodies and	0	653	653
34140	Carboxylic acids and their anhydrides, halides, peroxides an	0	50	50
35130	Printing ink	0	85,300	85,300
35240	Sugars, chemically pure n.e.c.; sugar ethers and sugar ester	360	0	360
35333	Polishes and creams, for footwear, furniture, floors, coachwork	1,602	48,815	50,417
35420	Glues and gelatin, peptones and their derivatives, and	780	5,204	5,984
36320	Tubes, pipes and hoses, and fittings thereof, of plastics	4,536	36,762	41,298
36390	Other plates, sheets, film, foil and strip, of plastics	3,456	21,540	24,996
37440	Portland cement, aluminous cement, slag cement and similar h	44,470	374,520	418,990
38240	Jewellery and other articles of precious metal or of metal c	0	3,600	3,600
39310	Slag, dross, scaling and other waste from the manufacture o	2,000	2,400	4,400
41261	Bars and rods, cold-formed, cold-finished or further worked,	6,084	47,440	53,524
41263	Wire of iron or non-alloy steel	0	1,200	1,200
41532	Bars, rods and profiles, of aluminium	0	4,020	4,020
41534	Plates, sheets and strip, of aluminium, of a thickness exceeding	0	1,560	1,560
42913	Knives (except for machines) and scissors, and blades thereof	0	21	21
42941	Stranded wire, ropes, cables, plaited bands, slings and the	0	960	960
42944	Nails, tacks, staples (except staples in strips), screws, bolts	1,698	25,504	27,201
42950	Wire, rods, tubes, plates, electrodes and similar products,	0	3,192	3,192
42992	Padlocks and locks, of base metal; clasps and frames with	0	15,000	15,000
42995	Fittings for loose-leaf binders or files; letter clips,	8,549	3,355	11,904
42997	Sewing needles, knitting needles, bodkins, crochet hooks,	44	1,823	1,867
88774	Mining, quarrying and construction machinery manufacturing s	0	36,380	36,380
99998	Other	7,626	812,777	820,403
Total		204,517	2,895,459	3,099,976

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 19: Additional table

CPC Codes	Description	Imported Quantity	Local Quantity	Total
15120	Marble and other calcium reous monumental or building stone	0	645	645
15130	Granite, sandstone and other monumental or building stone	0	4,984	4,984
15200	Gypsum; anhydrite; limestone flux; limestone and other calcium	0	1,460	1,460
16200	Salt and pure sodium chloride; sea water	72	2,760	2,832
21549	Other vegetable oils, refined, n.e.c.	0	1,160	1,160
23110	Wheat and Maslin flour	0	130,962	130,962
23921	Pepper (piper spp.), processed	13	0	13
23995	Sauces; mixed condiments; mustard flour and meal; prepared m	0	0	0
23996	Yeasts (active or inactive); other single-cell micro-organizations	0	1,057	1,057
26350	Cotton sewing thread	907	3,254	4,161
27310	Twine, cordage, rope and cables	0	50	50
28238	Handkerchiefs, shawls, scarves, veils, ties, cravats, gloves	15,044	24	15,068
29120	Other leather, of bovine or equine animals, without hair on	0	0	0
29600	Parts of footwear; removable insoles, heel cushions and	0	0	0
31310	Wood in the rough, treated with paint, stains, creosote or o	2	19,939	19,941
31330	Other wood in the rough (including split poles and pickets)	0	40	40
31911	Tools, tool bodies, tool handles, broom or brush bodies and	0	0	0
34140	Carboxylic acids and their anhydrides, halides, peroxides an	0	5	5
35130	Printing ink	0	0	0
35240	Sugars, chemically pure n.e.c.; sugar ethers and sugar ester	15,000	0	15,000
35333	Polishes and creams, for footwear, furniture, floors, coachwork	0	4,806	4,806
35420	Glues and gelatin, peptones and their derivatives, and	50	1,790	1,840
36320	Tubes, pipes and hoses, and fittings thereof, of plastics	0	2,364	2,364
36390	Other plates, sheets, film, foil and strip, of plastics	0	432	432
37440	Portland cement, aluminous cement, slag cement and similar h	25,742	888,240	913,982
38240	Jeweler and other articles of precious metal or of metal c	0	0	0
39310	Slag, dross, scaling and other waste from the manufacture o	2,000	0	2,000
41261	Bars and rods, cold-formed, cold-finished or further worked,	0	3,720	3,720
41263	Wire of iron or non-alloy steel	0	0	0
41532	Bars, rods and profiles, of aluminium	0	305	305
41534	Plates, sheets and strip, of aluminium, of a thickness exceeding	0	36	36
42913	Knives (except for machines) and scissors, and blades thereof	0	3	3
42941	Stranded wire, ropes, cables, plaited bands, slings and the	0	0	0
42944	Nails, tacks, staples (except staples in strips), screws,	536	55,647	56,183
42950	Wire, rods, tubes, plates, electrodes and similar products,	0	78	78
42992	Padlocks and locks, of base metal; clasps and frames with	0	2,160	2,160
42995	Fittings for loose-leaf binders or files; letter clips	7,393	721,516	728,909
42997	Sewing needles, knitting needles, bodkins, crochet hooks,	34	121,839	121,873
88774	Mining, quarrying and construction machinery manufacturing s	0	181	181
99998	Other	17	10,333	10,350
Total		66,810	1,980,270	2,047,080

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 20: Change in Stock by ISIC (ISIC R4), 2010 ('000') Tshs

ISIC R4	Description	Materials, Supplies and fuel	Work in Progress	Finished Product	Good Purchased for resale	Total
B	Mining and Quarrying					
810	Quarrying of stone, sand and clay	(680)	0	(144,200)	0	(144,880)
893	Extraction of salt	(2,702)	(3,806)	(3,360)	0	(9,868)
	Mining and Quarrying	(3,382)	(3,806)	(147,560)	-	(154,748)
C	Manufacturing					
1040	Manufacture of vegetable and animal oils and fats	(150)	0	0	0	(150)
1061	Manufacture of grain mill products	11,000	0	0	0	11,000
1071	Manufacture of bakery products	(3,639)	0	(1,774)	0	(5,413)
1074	Manufacture of macaroni, noodles, couscous and similar faring	(5,000)	0	0	0	(5,000)
1079	Manufacture of other food products n.e.c.	0	18,060	(3,700)	0	14,360
1104	Manufacture of soft drinks; production of mineral waters and	(197,900)	0	14,396	25,600	(157,904)
1394	Manufacture of cordage, rope, twine and netting	(40)	0	4,495	(5)	4,450
1410	Manufacture of wearing apparel, except fur apparel	7,690	(3,893)	(4,588)	(410)	(1,202)
1610	Sawmilling and planning of wood	32,000	0	(4,500)	0	27,500
1811	Printing	(48,803)	13,385	2,022	4,621	(28,775)
1820	Reproduction of recorded media	18,658	0	4,049	0	22,708
2023	Manufacture of soap and detergents, cleaning and polishing p	(295)	(300)	52	0	(543)
2029	Manufacture of other chemical product n.e.c	848,305	0	94,723	0	943,029
2219	Manufacture of other rubber products	0	0	0	0	0
2220	Manufacture of plastics products	156,797	0	40,513	(12,001)	185,310
2395	Manufacture of articles of concrete, cement and plaster	(41,958)	0	(2,170)	(44,875)	(89,003)
2593	Manufacture of cutlery, hand tools and general hardware	0	0	0	0	0
2599	Manufacture of other fabricated metal products n.e.c.	260	2,491	1,000	0	3,751
3012	Building of pleasure and sporting boats	(7,000)	0	16,500	0	9,500
3100	Manufacture of furniture	137	(21,595)	(3,815)	(1,930)	(27,203)
3211	Manufacture of jewellery and related articles	0	0	400	0	400
3312	Repair of machinery	6,910	0	0	0	6,910
	Manufacturing	776,973	8,148	157,604	(29,000)	913,724
	Total	773,591	4,342	10,044	(29,000)	758,976

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 21: Labour cost by ISIC ('000') Tshs

ISIC R4	Description	Gross wages and salaries paid to employees	Overtime payments	Reimbursement of travel expenses	Payments in kind	Employer's contribution to social Security Schemes	Training expenses	Other labour costs	Total
B	Mining and Quarrying								
810	Quarrying of stone, sand and clay	273,096	0	0	0	6,010	0	0	279,106
893	Extraction of salt	34,380	0	0	200	0	0	4,120	38,700
	Mining and Quarrying	307,476	-	-	200	6,010	-	4,120	317,806
C	Manufacturing								
1040	Manufacture of vegetable and animal oils and fats	14,400	0	0	0	0	0	0	14,400
1061	Manufacture of grain mill products	14,100	0	0	0	0	0	500	14,600
1071	Manufacture of bakery products	210,452	0	0	1,284	0	0	0	211,736
1074	Manufacture of macaroni, noodles, couscous and similar faring	10,800	0	0	0	0	0	0	10,800
1079	Manufacture of other food products n.e.c.	17,088	300	2,000	5,712	3,072	0	0	28,172
1104	Manufacture of soft drinks; production of mineral waters and	445,067	99,291	319,390	0	51,921	22,937	321,775	1,260,381
1394	Manufacture of cordage, rope, twine and netting	13,920	0	0	0	0	0	3,840	17,760
1410	Manufacture of wearing apparel, except fur apparel	131,760	918	500	0	5,539	200	6,836	145,753
1610	Sawmilling and planning of wood	66,000	0	1,000	0	2,088	0	0	69,088
1811	Printing	267,267	2,745	3,078	1,750	19,576	1,590	2,350	298,355
1820	Reproduction of recorded media	98,773	8,741	0	6,116	3,352	600	822	118,404
2023	Manufacture of soap and detergents, cleaning and polishing p	13,200	0	0	0	0	0	0	13,200
2029	Manufacture of other chemical product n.e.c	136,626	0	12,104	0	12,023	0	0	160,753
2219	Manufacture of other rubber products	652,733	0	0	0	63,441	0	30,518	746,692
2220	Manufacture of plastics products	37,487	2,504	0	705	1,538	0	886	43,119
2395	Manufacture of articles of concrete, cement and plaster	442,340	0	0	0	0	0	0	442,340
2593	Manufacture of cutlery, hand tools and general hardware	25,920	0	0	0	0	0	0	25,920
2599	Manufacture of other fabricated metal products n.e.c.	35,546	600	675	0	566	0	0	37,387
3012	Building of pleasure and sporting boats	28,000	1,300	1,800	0	0	600	800	32,500
3100	Manufacture of furniture	543,732	275	0	3,600	3,204	0	320	551,131
3211	Manufacture of jewellery and related articles	3,041	0	0	0	0	0	0	3,041
3312	Repair of machinery	82,810	668	1,916	0	8,281	596	2,237	96,508
	Manufacturing	3,291,062	117,342	342,462	19,167	174,602	26,523	370,883	4,342,041
	Grand Total	3,598,538	117,342	342,462	19,367	180,612	26,523	375,003	4,659,847

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 22: Service consumed by ISIC (ISIC R4), 2010

('000') Tshs

ISIC R4	Description	Contract and commission paid for work done on your mat	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
B	Mining and Quarrying										
810	Quarrying of stone, sand and clay	0	16,500	1,800	3,000	0	0	0	0	0	21,300
893	Extraction of salt	0	10,770	1,560	0	0	0	0	0	0	12,330
	Mining and Quarrying	0	27,270	3,360	3,000	0	0	0	0	0	33,630
C	Manufacturing										
104	Manufacture of vegetable and animal oils and fats	0	2,000	0	0	0	0	0	0	0	2,000
106	Manufacture of grain mill products	0	3,250	0	0	0	18	0	0	0	3,268
107	Manufacture of bakery products	0	5,463	1,720	4,220	1,760	0	0	0	0	14,513
107	Manufacture of macaroni, noodles, couscous and similar	0	500	100	0	0	0	0	0	0	600
107	Manufacture of other food products n.e.c.	0	3,600	520	1,700	610	262	362	0	0	6,554
110	Manufacture of soft drinks; production of mineral waters and	0	44,877	234,135	160,909	52,466	84,667	29,552	602,721	158,200	1,367,527
139	Manufacture of cordage, rope, twine and netting	0	0	0	0	0	0	0	0	0	0
141	Manufacture of wearing apparel, except fur apparel	0	1,567	314	9,840	0	210	300	0	0	12,131
161	Sawmilling and planning of wood	0	4,220	1,500	960	720	35,000	0	1,500	0	43,900
181	Printing	0	52,831	7,000	7,200	0	1,000	3,780	0	0	71,811
182	Reproduction of recorded media	37,516	17,827	13,824	4,105	18,203	2,614	0	2,000	131,198	227,287
202	Manufacture of soap and detergents, cleaning and polishing p	0	0	0	0	0	0	0	0	0	0
202	Manufacture of other chemical product n.e.c	0	0	951	0	0	0	0	0	0	951
221	Manufacture of other rubber products	0	0	6,769	21,964	10,997	12,541	6,600	15,950	0	74,822
222	Manufacture of plastics products	4,450	1,017	0	0	6,350	1,400	0	1,000	25,759	39,977
239	Manufacture of articles of concrete, cement and plaster	600	20,530	5,235	6,050	840	0	0	0	0	33,255
259	Manufacture of cutlery, hand tools and general hardware	0	140	0	0	0	0	0	0	0	140
259	Manufacture of other fabricated metal products n.e.c.	0	2,501	92	0	0	65	0	3,600	0	6,257
301	Building of pleasure and sporting boats	0	1,500	118	1,098	600	24	1,500	1,200	0	6,040
310	Manufacture of furniture	7,000	10,242	4,845	3,520	9,980	2,200	1,200	500	0	39,607
321	Manufacture of jewellery and related articles	0	0	0	120	0	0	0	0	124	244
331	Repair of machinery	0	1,740	912	0	0	282	0	0	343	3,277
	Manufacturing	49,566	173,804	278,035	221,686	102,526	140,282	43,294	628,471	315,624	1,954,159
	Grand Total	49,566	201,074	281,395	224,686	102,526	140,282	43,294	628,471	315,624	1,987,789

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 23: Number of person engaged by ISIC (ISIC R4), 2010

ISIC R4	Description	Working proprietors and partners		Unpaid workers (Tanzania Female)		Managerial and professional staff		Operatives - skilled		Operatives -non skilled		Others		Total Persons Engaged	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
B	Mining and Quarrying														
810	Quarrying of stone, sand and clay	4	0	0	0	13	0	81	19	26	36	39	25	163	80
893	Extraction of salt	94	55	0	0	7	5	2	9	6	5	4	0	113	74
	Mining and Quarrying	98	55	0	0	20	5	83	28	32	41	43	25	276	154
C	Manufacturing														
1040	Manufacture of vegetable and animal oils and fats	1	0	0	0	0	0	0	0	0	0	8	1	9	1
1061	Manufacture of grain mill products	3	0	6	4	0	0	8	0	0	0	10	0	27	4
1071	Manufacture of bakery products	6	0	0	0	11	0	134	0	8	0	18	0	177	0
1074	Manufacture of macaroni, noodles, couscous and similar faring	1	0	0	0	0	0	0	0	0	0	9	0	10	0
1079	Manufacture of other food products n.e.c.	0	0	0	0	1	0	3	0	5	2	4	3	13	5
1104	Manufacture of soft drinks; production of mineral waters and	4	2	0	0	21	13	59	9	34	28	15	3	133	55
1394	Manufacture of cordage, rope, twine and netting	0	40	0	0	0	32	29	0	0	0	0	0	29	72
1410	Manufacture of wearing apparel, except fur apparel	15	11	0	9	4	3	31	31	3	10	0	0	53	64
1610	Sawmilling and planning of wood	5	0	0	0	3	0	40	0	0	0	4	0	52	0
1811	Printing	1	0	0	0	21	17	51	57	12	10	0	0	85	84
1820	Reproduction of recorded media	32	2	0	0	3	4	23	2	5	0	8	0	71	8
2023	Manufacture of soap and detergents, cleaning and polishing p	0	20	0	0	0	0	2	18	0	0	0	0	2	38
2100	Manufacture of other chemical product n.e.c	0	0	0	0	1	0	4	2	4	2	15	14	24	18
2219	Manufacture of other rubber products	6	0	0	0	6	3	30	12	176	573	105	0	323	588
2220	Manufacture of plastics products	18	0	0	0	1	1	11	0	2	0	0	0	32	1
2395	Manufacture of articles of concrete, cement and plaster	8	0	1	0	22	1	170	0	46	0	70	1	317	2
2593	Manufacture of cutlery, hand tools and general hardware	0	0	0	0	0	0	0	0	0	0	12	0	12	0
2599	Manufacture of other fabricated metal products n.e.c.	2	0	0	0	0	0	19	0	2	0	0	0	23	0
3012	Building of pleasure and sporting boats	0	0	0	0	1	1	9	0	6	0	3	2	19	3
3100	Manufacture of furniture	9	4	0	0	22	1	216	8	33	0	36	0	316	13
3211	Manufacture of jewellery and related articles	0	0	0	0	0	0	21	0	0	0	0	0	21	0
3312	Repair of machinery	0	0	0	0	3	0	25	4	0	0	12	11	40	15
	Manufacturing	111	79	7	13	120	76	885	143	336	625	329	35	1788	971
	Grand Total	209	134	7	13	140	81	968	171	368	666	372	60	2064	1125

Table 24: Components of gross output by Industrial activity (ISIC R4), 2010 ('000') Tshs

ISIC R4	Description	Exports	Local market	Change in Stock	Industrial Services	Non-industrial services consumed	Other	Cost of goods sold as purchased	Total Gross
B	Mining and Quarrying								
810	Quarrying of stone, sand and clay	0	3,614,499	(144,200)	0	0	0	0	3,470,299
893	Extraction of salt	0	93,833	(7,166)	0	0	16,000	0	68,218
	Mining and Quarrying	0	3,708,332	(151,366)	0	0	16,000	0	3,538,516
C	Manufacturing								
1040	Manufacture of vegetable and animal oils and fats	0	102,400	0	0	0	0	0	102,400
1061	Manufacture of grain mill products	0	162,380	0	0	0	0	0	162,380
1071	Manufacture of bakery products	0	2,784,698	(1,774)	0	0	4,500	0	2,468,608
1074	Manufacture of macaroni, noodles, couscous and similar faring	0	116,000	0	0	0	0	0	116,000
1079	Manufacture of other food products n.e.c.	0	212,390	14,360	0	0	0	22,372	204,378
1104	Manufacture of soft drinks; production of mineral waters and	0	7,119,739	39,996	0	0	0	0	7,159,735
1394	Manufacture of cordage, rope, twine and netting	0	29,436	4,490	0	0	0	0	12,146
1410	Manufacture of wearing apparel, except fur apparel	3,900	534,162	(8,891)	3,775	7,588	0	6,240	534,294
1610	Sawmilling and planing of wood	0	1,154,300	(4,500)	3,600	0	0	0	1,075,700
1811	Printing	0	2,289,792	20,028	0	0	0	0	2,309,819
1820	Reproduction of recorded media	709,395	8,158,038	4,049	0	0	0	0	8,871,482
2023	Manufacture of soap and detergents, cleaning and polishing p	0	12,021	(248)	0	0	0	0	11,773
2029	Manufacture of other chemical product n.e.c	2,477,824	0	94,723	0	0	0	0	2,572,547
2219	Manufacture of other rubber products	0	1,671,791	0	0	0	0	0	1,671,791
2220	Manufacture of plastics products	115,009	363,294	28,512	0	0	0	185,313	321,502
2395	Manufacture of articles of concrete, cement and plaster	429,000	4,603,308	(47,045)	0	15,000	0	0	4,832,263
2593	Manufacture of cutlery, hand tools and general hardware	0	51,840	0	0	0	0	0	51,840
2599	Manufacture of other fabricated metal products n.e.c.	0	210,672	3,491	0	0	0	52,300	161,863
3012	Building of pleasure and sporting boats	0	41,250	16,500	25,000	0	0	0	82,750
3100	Manufacture of furniture	0	3,706,987	(27,340)	20,400	1,080	0	0	3,302,947
3211	Manufacture of jewellery and related articles	0	17,663	400	0	0	0	0	18,063
3312	Repair of machinery	0	121,319	0	0	0	0	0	121,319
	Manufacturing	3,735,127	33,463,478	136,751	52,775	23,668	4,500	266,225	36,165,59
	Grand Total	3,735,127	37,171,810	(14,614)	52,775	23,668	20,500	266,225	39,704,11

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Additional table ('000') Tshs

CPC Codes	Description	Imported Value	Local Value	Total
1620	Tea leaves	0	6,600	6,600
15120	Marble and other calcium reous monumental or building stone	0	7,641	7,641
15200	Gypsum; anhydrite; limestone flux; limestone and other calcium	0	41,036	41,036
15320	Pebbles, gravel, broken or crushed stone, macadam; granules,	0	500	500
16200	Salt and pure sodium chloride; sea water	0	294,863	294,863
21180	Flours, meals and pellets of meat or meat offal, inedible; g	0	3,600	3,600
21546	Coconut oil, refined	0	211,000	211,000
23110	Wheat and Maslin flour	0	126,000	126,000
23161	Rice, semi- or wholly milled	0	20,772	20,772
23410	Crisp bread; tusk, toasted bread and similar toasted product	0	195,074	195,074
23420	Gingerbread and the like; sweet biscuits; waffles and wafers	0	1,080	1,080
23490	Bread and other bakers' wares	216,000	5,752,054	5,968,054
23710	Uncooked pasta, not stuffed or otherwise prepared	0	262,700	262,700
23912	Coffee substitutes containing coffee; extracts, essences and	0	212,390	212,390
23926	Cloves (whole stems), processed	2,477,824	0	2,477,824
24410	Bottled waters, not sweetened or flavored	0	7,119,739	7,119,739
27130	Curtains (including drapes) and interior blinds; curtain or	0	62,804	62,804
27170	Parachutes	0	1,671,791	1,671,791
27290	Other carpets and textile floor coverings (including those o	0	166,316	166,316
27310	Twine, cordage, rope and cables	10,500	28,620	39,120
27320	Knotted netting of twine, cordage or rope; made up nets of t	0	82,500	82,500
28221	Men's or boys' suits, coats, jackets, trousers, shorts and t	11,340	356,827	368,167
28222	Men's or boys' shirts, underpants, pajamas, dressing gowns a	17,000	67,531	84,531
28223	Women's or girls' suits, coats, jackets, dresses, skirts,	1,300	95,947	97,247
28224	Women's or girls' blouses, shirts, petticoats, panties, nigh	8,100	1,008,530	1,016,630
29330	Footwear with uppers of leather, other than sports footwear,	0	52,000	52,000
31100	Wood, sawn or chipped lengthwise, sliced or peeled, of a thi	54,000	667,870	721,870
31310	Wood in the rough, treated with paint, stains, creosote or o	0	30,215	30,215
32129	Other uncoated paper and paperboard, of a kind used for writ	0	14,135	14,135
32700	Registers, account books, notebooks, letter pads, diaries an	0	402,646	402,646
35321	Soap; organic surface-active products and preparations for u	0	11,421	11,421
36390	Other plates, sheets, film, foil and strip, of plastics	115,009	363,294	478,303
37114	Glass in sheets, bent, edge-worked, engraved, drilled,	0	4,500	4,500
37520	Boards, blocks and similar articles of vegetable fiber,	429,000	9,925,666	10,354,666
37560	Other articles of cement, concrete or artificial stone	0	2,969,150	2,969,150
38112	Seats, primarily with wooden frames	3,000	107,711	110,711
38122	Other wooden furniture, of a kind used in offices	0	47,225	47,225
38130	Other wooden furniture, of a kind used in the kitchen	0	111,000	111,000
38140	Other furniture n.e.c	94,450	7,148,003	7,242,453
38240	Jewellery and other articles of precious metal or of metal c	0	85,493	85,493
39140	Beet-pulp, biogases and other waste of sugar manufacture	0	15,800	15,800
42912	Table, kitchen or other household articles and parts thereof	5,800	226,441	232,241
42931	Tanks, casks, drums, cans, boxes and similar containers	0	14,495	14,495
42943	Cloth, grill, netting and fencing, of iron or steel wire; ex	48,300	1,639,833	1,688,133
42944	Nails, tacks, staples (except staples in strips), screws, bo	0	23,880	23,880
43530	Fork-lift trucks; other works trucks whether or not fitted w	0	71,780	71,780
44112	Harrows, scarifiers, cultivators, welders and hoes	0	65,452	65,452
44113	Seeders, planters and translators	0	100	100
44222	Machine-tools for working wood, cork, bone, hard rubber, har	0	71,200	71,200
44513	Machinery used in the milling industry or for the working of	0	101,270	101,270
47610	Musical audio disks, tapes or other physical media	709,395	8,158,038	8,867,432
49410	Sailboats (except inflatable), with or without auxiliary mot	0	83,250	83,250
83912	Industrial design services	0	1,892	1,892
88774	Mining, quarrying and construction machinery manufacturing s	0	3,569,001	3,569,001
89121	Printing services	0	1,494,000	1,494,000
99998	Other	6,080	458,594	464,574
Total		4,207,097	55,731,270	59,938,367

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Additional table ('000') Tshs

CPC Codes	Description	Imported Value	Local Value	Total
1620	Tea leaves	0	6,600	6,600
15120	Marble and other calcium roes monumental or building stone	0	7,641	7,641
15200	Gypsum; anhydrite; limestone flux; limestone and other calcium	0	41,036	41,036
15320	Pebbles, gravel, broken or crushed stone, macadam; granules,	0	500	500
16200	Salt and pure sodium chloride; sea water	0	294,863	294,863
21180	Flours, meals and pellets of meat or meat offal, inedible; q	0	3,600	3,600
21546	Coconut oil, refined	0	211,000	211,000
23110	Wheat and Maslin flour	0	126,000	126,000
23161	Rice, semi- or wholly milled	0	20,772	20,772
23410	Crisp bread; tusks, toasted bread and similar toasted product	0	195,074	195,074
23420	Gingerbread and the like; sweet biscuits; waffles and wafers	0	1,080	1,080
23490	Bread and other bakers' wares	216,000	5,752,054	5,968,054
23710	Uncooked pasta, not stuffed or otherwise prepared	0	262,700	262,700
23912	Coffee substitutes containing coffee; extracts, essences and	0	212,390	212,390
23926	Cloves (whole stems), processed	2,477,824	0	2,477,824
24410	Bottled waters, not sweetened or flavored	0	7,119,739	7,119,739
27130	Curtains (including drapes) and interior blinds; curtain or	0	62,804	62,804
27170	Parachutes	0	1,671,791	1,671,791
27290	Other carpets and textile floor coverings (including those o	0	166,316	166,316
27310	Twine, cordage, rope and cables	10,500	28,620	39,120
27320	Knotted netting of twine, cordage or rope; made up nets of t	0	82,500	82,500
28221	Men's or boys' suits, coats, jackets, trousers, shorts and t	11,340	356,827	368,167
28222	Men's or boys' shirts, underpants, pajamas, dressing gowns a	17,000	67,531	84,531
28223	Women's or girls' suits, coats, jackets, dresses, skirts, tr	1,300	95,947	97,247
28224	Women's or girls' blouses, shirts, petticoats, panties, nigh	8,100	1,008,530	1,016,630
29330	Footwear with uppers of leather, other than sports footwear,	0	52,000	52,000
31100	Wood, sawn or chipped lengthwise, sliced or peeled, of a thi	54,000	667,870	721,870
31310	Wood in the rough, treated with paint, stains, creosote or o	0	30,215	30,215
32129	Other uncoated paper and paperboard, of a kind used for writ	0	14,135	14,135
32700	Registers, account books, notebooks, letter pads, diaries an	0	402,646	402,646
35321	Soap; organic surface-active products and preparations for u	0	11,421	11,421
36390	Other plates, sheets, film, foil and strip, of plastics	115,009	363,294	478,303
37114	Glass in sheets, bent, edge-worked, engraved, drilled,	0	4,500	4,500
37520	Boards, blocks and similar articles of vegetable fiber,	429,000	9,925,666	10,354,666
37560	Other articles of cement, concrete or artificial stone	0	2,969,150	2,969,150
38112	Seats, primarily with wooden frames	3,000	107,711	110,711
38122	Other wooden furniture, of a kind used in offices	0	47,225	47,225
38130	Other wooden furniture, of a kind used in the kitchen	0	111,000	111,000
38140	Other furniture n.e.c	94,450	7,148,003	7,242,453
38240	Jewellery and other articles of precious metal or of metal c	0	85,493	85,493
39140	Beet-pulp, biogases and other waste of sugar manufacture	0	15,800	15,800
42912	Table, kitchen or other household articles and parts thereof	5,800	226,441	232,241
42931	Tanks, casks, drums, cans, boxes and similar containers	0	14,495	14,495
42943	Cloth, grill, netting and fencing, of iron or steel wire; ex	48,300	1,639,833	1,688,133
42944	Nails, tacks, staples (except staples in strips), screws, bo	0	23,880	23,880
43530	Fork-lift trucks; other works trucks whether or not fitted w	0	71,780	71,780
44112	Harrows, scarifies, cultivators, welders and hoes	0	65,452	65,452
44113	Seeders, planters and translators	0	100	100
44222	Machine-tools for working wood, cork, bone, hard rubber,	0	71,200	71,200
44513	Machinery used in the milling industry or for the working of	0	101,270	101,270
47610	Musical audio disks, tapes or other physical media	709,395	8,158,038	8,867,432
49410	Sailboats (except inflatable), with or without auxiliary mot	0	83,250	83,250
83912	Industrial design services	0	1,892	1,892
88774	Mining, quarrying and construction machinery manufacturing s	0	3,569,001	3,569,001
89121	Printing services	0	1,494,000	1,494,000
99998	Other	6,080	458,594	464,674
Total		4,207,097	55,731,270	59,938,367

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 25: Sales of product by category and destination, 2010 ('000') Tshs

CPC Codes	Description	Imported Quantity	Local Quantity	Total
15200	Gypsum; anhydrite; limestone flux; limestone and other calcium	0	0	0
15320	Pebbles, gravel, broken or crushed stone, macadam; granules,	0	0	0
16200	Salt and pure sodium chloride; sea water	0	38	38
23410	Crisp bread; rusts, toasted bread and similar toasted product	0	440	440
23490	Bread and other bakers' wares	0	22,051	22,051
23710	Uncooked pasta, not stuffed or otherwise prepared	0	15	15
27130	Curtains (including drapes) and interior blinds; curtain or	0	0	0
28221	Men's or boys' suits, coats, jackets, trousers, shorts and t	0	32	32
28222	Men's or boys' shirts, underpants, pajamas, dressing gowns a	0	2	2
28223	Women's or girls' suits, coats, jackets, dresses, skirts,	0	1	1
28224	Women's or girls' blouses, shirts, petticoats, panties, nigh	0	15	15
29330	Footwear with uppers of leather, other than sports footwear,	0	120	120
31100	Wood, sawn or chipped lengthwise, sliced or peeled, of a	0	0	0
31310	Wood in the rough, treated with paint, stains, creosote or o	0	0	0
37520	Boards, blocks and similar articles of vegetable fiber,	0	2,582	2,582
38112	Seats, primarily with wooden frames	0	0	0
38122	Other wooden furniture, of a kind used in offices	0	0	0
38130	Other wooden furniture, of a kind used in the kitchen	0	1	1
38140	Other furniture n.e.c	0	12	12
38240	Jewellery and other articles of precious metal or of metal c	0	0	0
42912	Table, kitchen or other household articles and parts thereof	0	8	8
42931	Tanks, casks, drums, cans, boxes and similar containers	0	2	2
42943	Cloth, grill, netting and fencing, of iron or steel wire; ex	0	2	2
42944	Nails, tacks, staples (except staples in strips), screws, bolts	0	118	118
43530	Fork-lift trucks; other works trucks whether or not fitted w	0	0	0
44112	Harrows, scarifies, cultivators, wielders and hoes	0	6	6
44113	Seeders, planters and translators	0	0	0
44513	Machinery used in the milling industry or for the working of	0	48	48
88774	Mining, quarrying and construction machinery manufacturing s	0	3,603,608	3,603,608
89121	Printing services	0	0	0
99998	Other	0	0	0
Total		0	567	567

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 26: Net Investment and value of Fixed Assets at the End of the year by Industrial Activity (ISIC R4), 2010

(000) Tshs.

Description	Type											
	Land		Buildings and other construction works		Transport equipment		Machinery and other equipment		Other		Total	
	Additions Less Sales	Net Value at the end	Additions Less Sales	Net Value at the end	Additions Less Sales	Net Value at the end	Additions Less Sales	Net Value at the end	Additions Less Sales	Net Value at the end	G.F.C.F	Net Value at the end
Quarrying of stone, sand and clay	0	104,640	0	57,006	0	139,700	40,000	557,757	0	0	40,000	859,103
Extraction of salt	0	21,600	550	149,808	0	0	2,350	13,210	0	0	2,900	184,618
Manufacture of vegetable and animal oils and fats	0	0	0	67,200	0	0	0	5,100	0	0	0	72,300
Manufacture of grain mill products	0	56,120	0	87,376	0	17,000	0	13,295	0	0	0	173,791
Manufacture of bakery products	0	55,680	120	219,720	0	15,000	1,500	26,113	0	2,550	1,620	319,063
Manufacture of macaroni, noodles, couscous and similar faring	0	0	0	54,000	0	0	0	9,850	0	0	0	63,850
Manufacture of soft drinks; production of mineral waters and	6,686	37,405	12,224	39,728	0	96,000	0	1,270,551	2,813	106,674	21,723	1,550,357
Manufacture of cordage, rope, twine and netting	0	0	0	19,200	0	0	0	170	0	0	0	19,370
Manufacture of wearing apparel, except fur apparel	0	56,500	0	32,640	0	4,500	25	29,734	0	0	25	123,374
Sawmilling and planning of wood	0	115,200	0	47,600	0	27,750	0	97,750	0	0	0.00	288,300
Printing	0	0	0		28,000	29,125	21,000	162,100	16,000	44,600	65,000	235,825
Reproduction of recorded media	0	0	0	159,120	0	39,876	0	872,814	0	29,825	0	1,101,635
Manufacture of soap and detergents, cleaning and polishing p	0	2,880	0	5,760	0	0	0	1,510	0	425	0	10,575
Manufacture of pharmaceuticals, medicinal chemical and botany	0	0	0	681,693	0	6,582	0	215,954	0	0	0	904,229
Manufacture of other rubber products	0	4,666	0		0	48,088	0	27,305	2,711	3,582	2,711	83,641
Manufacture of plastics products	0	0	0		0	0	0	693,512	0	0	0	693,512
Manufacture of articles of concrete, cement and plaster	0	1,020,060	0	272,680	0	516,475	0	274,660	0	4,250	0	2,088,125
Manufacture of cutlery, hand tools and general hardware	0	0	0	170	0	0	0	200	0	0	0	370
Manufacture of other fabricated metal products n.e.c.	0	0	15,000	81,600	0	16,800	4,360	24,006	0.00	2,808,750	19,360	125,215
Building of pleasure and sporting boats	0.00	15,360	0	21,200	0	10,500	0	14,450	0	0	0	61,510
Manufacture of furniture	0.00	59,405	0	176,886	0	98,401	19,550	168,872	0	0	19,550	503,564
Manufacture of jewellery and related articles	0	0	0	0	0	0	0	1,900	0	0	0	1,900
Repair of machinery	0	0	0	255,000	0	57,000	0	13,814	0	13,537	0	339,351
Total	6,686	1,549,515	27,894	2,428,387	28,000	1,122,797	88,785	4,494,627	21,524	208,251	172,888	9,803,578

Table 26a: Net Investment by Industrial Activity (ISIC R4), 2010

(000) Tshs.

Description	Type					
	Land	Buildings and other construction works	Transport equipment	Machinery and other equipment	Other	Total
Quarrying of stone, sand and clay	0	0	0	40,000	0	40,000
Extraction of salt	0	550	0	2,350	0	2,900
Manufacture of vegetable and animal oils and fats	0	0	0	0	0	0
Manufacture of grain mill products	0	0	0	0	0	0
Manufacture of bakery products	0	120	0	1,500	0	1,620
Manufacture of macaroni, noodles, couscous and similar faring	0	0	0	0	0	0
Manufacture of soft drinks; production of mineral waters and	6,686	12,224	0	0	2,813	21,723
Manufacture of cordage, rope, twine and netting	0	0	0	0	0	0
Manufacture of wearing apparel, except fur apparel	0	0	0	25	0	25
Sawmilling and planning of wood	0	0	0	0	0	0.00
Printing	0	0	28,000	21,000	16,000	65,000
Reproduction of recorded media	0	0	0	0	0	0
Manufacture of soap and detergents, cleaning and polishing p	0	0	0	0	0	0
Manufacture of pharmaceuticals, medicinal chemical and botany	0	0	0	0	0	0
Manufacture of other rubber products	0	0	0	0	2,711	2,711
Manufacture of plastics products	0	0	0	0	0	0
Manufacture of articles of concrete, cement and plaster	0	0	0	0	0	0
Manufacture of cutlery, hand tools and general hardware	0	0	0	0	0	0
Manufacture of other fabricated metal products n.e.c.	0	15,000	0	4,360	0.00	19,360
Building of pleasure and sporting boats	0.00	0	0	0	0	0
Manufacture of furniture	0.00	0	0	19,550	0	19,550
Manufacture of jewellery and related articles	0	0	0	0	0	0
Repair of machinery	0	0	0	0	0	0
Total	6,686	27,894	28,000	88,785	21,524	172,888

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 26b: Value of Fixed Assets at the End of the year by Industrial Activity (ISIC R4), 2010 (000) Tshs.

Description	Type					
	Land	Buildings and other construction works	Transport equipment	Machinery and other equipment	Other	Total
Quarrying of stone, sand and clay	104,640	57,006	139,700	557,757	0	859,103
Extraction of salt	21,600	149,808	0	13,210	0	184,618
Manufacture of vegetable and animal oils and fats	0	67,200	0	5,100	0	72,300
Manufacture of grain mill products	56,120	87,376	17,000	13,295	0	173,791
Manufacture of bakery products	55,680	219,720	15,000	26,113	2,550	319,063
Manufacture of macaroni, noodles, couscous and similar faring	0	54,000	0	9,850	0	63,850
Manufacture of soft drinks; production of mineral waters and	37,405	39,728	96,000	1,270,551	106,674	1,550,357
Manufacture of cordage, rope, twine and netting	0	19,200	0	170	0	19,370
Manufacture of wearing apparel, except fur apparel	56,500	32,640	4,500	29,734	0	123,374
Sawmilling and planning of wood	115,200	47,600	27,750	97,750	0	288,300
Printing	0		29,125	162,100	44,600	235,825
Reproduction of recorded media	0	159,120	39,876	872,814	29,825	1,101,635
Manufacture of soap and detergents, cleaning and polishing p	2,880	5,760	0	1,510	425	10,575
Manufacture of pharmaceuticals, medicinal chemical and botany	0	681,693	6,582	215,954	0	904,229
Manufacture of other rubber products	4,666		48,088	27,305	3,582	83,641
Manufacture of plastics products	0		0	693,512	0	693,512
Manufacture of articles of concrete, cement and plaster	1,020,060	272,680	516,475	274,660	4,250	2,088,125
Manufacture of cutlery, hand tools and general hardware	0	170	0	200	0	370
Manufacture of other fabricated metal products n.e.c.	0	81,600	16,800	24,006	2,808,750	125,215
Building of pleasure and sporting boats	15,360	21,200	10,500	14,450	0	61,510
Manufacture of furniture	59,405	176,886	98,401	168,872	0	503,564
Manufacture of jewellery and related articles	0	0	0	1,900	0	1,900
Repair of machinery	0	255,000	57,000	13,814	13,537	339,351
Total	1,549,515	2,428,387	1,122,797	4,494,627	208,251	9,803,578

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table27: Main obstacle facing large establishments, 2010

Problems	Number of responses	Percentage of responses
Insufficient demand	74	13.8%
Shortage of raw materials	36	6.7%
High Taxes	24	4.5%
Insufficient production capacity	31	5.8%
Shortage of qualified labour	26	4.9%
Lack of equipment	26	4.9%
Transport problem	17	3.2%
Lack of production area	13	2.4%
Inadequate supply of electricity	42	7.8%
Economic environment	35	6.5%
High cost of production	37	6.9%
Financial problem	73	13.6%
Foreign currency	14	2.6%
Inflation	29	5.4%
Depreciation of currency	17	3.2%
Illegal imports	7	1.3%
Inadequate supply of water	8	1.5%
Feasibility study	7	1.3%
Other	20	3.7%
Total	536	100.0%

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 28 (New): Challenges encountered by responding establishments in 2010 by Industrial activity (ISIC R4)-industrial sector

ISIC R4	Description	Missing	Insufficient demand	Shortage of raw materials	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
B 810	Mining and Quarrying Quarrying of stone, sand and clay	15	8	2	3	4	3	3	2		4	7	3	6	1	1		1				12
893	Extraction of salt		7			1	2	3	1				2	7					2		5	11
	Mining and Quarrying	15	15	2	3	5	5	6	3	0	4	7	5	13	1	1	0	1	2	0	5	23
C 1040	Manufacturing Manufacture of vegetable and animal oils and fats	2	1								1		1	1				1	1			1
1061	Manufacture of grain mill products	14	2	1	1	2		1		1	2	2	3	2	1							3
1071	Manufacture of bakery products		6	4		2	2	1	2	1	4	1	3	8	1	6	2		1		5	14
1074	Manufacture of macaroni, noodles, couscous and similar faring		1								1	1		1								1
1079	Manufacture of other food products n.e.c.		1																			1
1104	Manufacture of soft drinks; production of mineral waters and				2	3		1	2		3	1	2		1	2	1	1	1			3
1394	Manufacture of cordage, rope, twine and netting		1	2							1			2		1					1	3
1410	Manufacture of wearing apparel, except fur apparel		5	3	1	4	4	1	2	2	2	3	3	7						1	2	9
1610	Sawmilling and planing of wood		2	1	1	1		1			1	1	2	3		3	1				1	3
1811	Printing		1	2	1	1	2	2			1	2	1	1	2	1	2					2
1820	Reproduction of recorded media		1					1	1	1			1	1		1	1					1
2023	Manufacture of soap and detergents, cleaning and polishing p		2	2		2		1	1	2	1	1	2	1	2	2	2			2		2
2029	Manufacture of other chemical product n.e.c		1	1																		1
2219	Manufacture of other rubber products				1						1				1			1				1
2220	Manufacture of plastics products		1					1	1		1		1	1	1							1
2395	Manufacture of articles of concrete, cement and plaster	17	16	4	5	5	4	3	2	2	11	12	8	14	2	4	3	1	2	1		22
2593	Manufacture of cutlery, hand tools and general hardware		1		1							1		1								1
2599	Manufacture of other fabricated metal products n.e.c.		1	1	1	1	2	1		1	1	1	1	2	1	1	1	1	1			2
3012	Building of pleasure and sporting boats		1	1		1	1				1		1	1		1	1			1		1
3100	Manufacture of furniture		14	11	6	2	5	4	3	3	5	2	3	12	1	6	3	1		1	6	21
3211	Manufacture of jewellery and related articles			1	1	1		1						1								1
3312	Repair of machinery		1			1	1	1			1			1						1		1
	Manufacturing	33	59	34	21	26	21	20	14	13	38	28	32	60	13	28	17	6	6	7	15	95
	Grand Total	48	74	36	24	31	26	26	17	13	42	35	37	73	14	29	17	7	8	7	20	118

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 4.2: Electricity, water and fuels consumed by industrial activity (ISIC R4), 2010 ('000') Tshs

ISIC R4	Description	Electricity	Water	Gas	Fuel for machines and vehicles	Wood, charcoal and peat	Other fuels	Total
B	Mining and Quarrying							
810	Quarrying of stone, sand and clay	1,620	0	0	27,395	0	144	29,159
1040	Manufacture of vegetable and animal oils and fats	300						300
	Mining and Quarrying	1,920	0	0	27,395	0	144	29,459
C	Manufacturing							
1061	Manufacture of grain mill products		60		3,100		15	3,175
1071	Manufacture of bakery products	19,707	40	90	56,300	1,080	442	77,659
1104	Manufacture of soft drinks; production of mineral waters and	120			16,205	860	360	17,545
1394	Manufacture of cordage, rope, twine and netting	60			6	2,520		2,586
1410	Manufacture of wearing apparel, except fur apparel	840			6,015	1,080	66	8,001
1811	Printing	60						60
1812	Service activities related to printing	72				3,500		3,572
1820	Reproduction of recorded media	2,400	600		27			3,027
2023	Manufacture of soap and detergents, cleaning and polishing p					1,920		1,920
2395	Manufacture of articles of concrete, cement and plaster	16,822	490		24,167	12,800	4,435	58,715
2599	Manufacture of other fabricated metal products n.e.c.	544						544
3100	Manufacture of furniture	7,216	12,000		1,324	12,642	461	33,642
3211	Manufacture of jewellery and related articles	240				4,800		5,040
	Manufacturing	48,081	13,190	90	107,144	41,202	5,779	215,486
	Grand Total	50,001	13,190	90	134,539	41,202	5,923	244,945

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Number of Person Engaged by District and Size, 2010

District	Persons engaged						Total
	< 10	10-19	20-49	50-99	100-499	500+	
Kaskazini A	109	169	40	0	0	0	318
Kaskazini B	78	20	29	0	0	0	127
Kati	62	86	107	50	0	0	305
Kusini	18	62	92	0	0	0	172
Magharibi	430	263	189	228	0	911	2,021
Mjini	466	250	96	50	136	0	998
Wete	248	59	25	0	0	0	332
Micheweni	86	0	0	0	0	0	86
Chake Chake	102	95	87	0	0	0	284
Mkoani	63	73	72	0	0	0	208
Total	1,662	1,077	737	328	136	911	4,851

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Number of Person Engaged by Region and Size, 2010

Region	Persons engaged						Total
	< 10	10-19	20-49	50-99	100-499	500+	
Kaskazini Unguja	187	189	69	0	0	0	445
Kusini Unguja	80	148	199	50	0	0	477
Mjini Magharibi	896	513	285	278	136	911	3,019
Kaskazini Pemba	334	59	25	0	0	0	418
Kusini Pemba	165	168	159	0	0	0	492
Total	1,662	1,077	737	328	136	911	4,851

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Part Two

Less than ten (workers) industrial

Establishments

Table 1: Number of establishments by activity and region (ISIC R4), 2010

Descriptions	Region					
	Kaskazini Unguja	Kusini Unguja	Mjini Magharibi	Kaskazini Pemba	Kusini Pemba	Total
Quarrying of stone, sand and clay	0	2	1	2	0	5
Extraction of salt	0	0	0	30	1	31
Manufacture of vegetable and animal oils and fats	0	0	2	0	0	2
Manufacture of grain mill products	29	6	22	0	13	70
Manufacture of bakery products	2	0	55	21	13	90
Manufacture of macaroni, noodles, couscous and similar faring	0	0	13	0	2	14
Manufacture of cordage, rope, twine and netting	0	0	0	2	0	2
Manufacture of wearing apparel, except fur apparel	55	37	467	26	54	639
Manufacture of footwear	0	0	18	0	0	18
Sawmilling and planning of wood	0	0	16	2	4	23
Manufacture of soap and detergents, cleaning and polishing p	0	0	2	0	0	2
Manufacture of cement, lime and plaster	12	0	0	0	0	12
Manufacture of articles of concrete, cement and plaster	9	4	95	2	2	112
Manufacture of other non-metallic mineral products n.e.c.	0	0	16	0	0	16
Manufacture of cutlery, hand tools and general hardware	18	0	21	0	0	40
Manufacture of other fabricated metal products n.e.c.	11	9	109	0	0	129
Manufacture of parts and accessories for motor vehicles	0	0	5	0	0	5
Manufacture of furniture	123	74	348	133	111	789
Manufacture of jewellery and related articles	0	0	30	0	7	37
Manufacture of imitation jewellery and related articles	0	0	7	0	0	7
Total	259	132	1,227	217	206	2,042

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 2: Number of establishments by activity and origin of ownership (ISIC R4), 2010

Descriptions	Origin of ownership		
	National	Foreign	Joint
Quarrying of stone, sand and clay	5	0	0
Extraction of salt	31	0	0
Manufacture of vegetable and animal oils and fats	2	0	0
Manufacture of grain mill products	70	0	0
Manufacture of bakery products	90	0	0
Manufacture of macaroni, noodles, couscous and similar faring	14	0	0
Manufacture of cordage, rope, twine and netting	2	0	0
Manufacture of wearing apparel, except fur apparel	639	0	0
Manufacture of footwear	18	0	0
Sawmilling and planing of wood	23	0	0
Manufacture of soap and detergents, cleaning and polishing p	2	0	0
Manufacture of cement, lime and plaster	12	0	0
Manufacture of articles of concrete, cement and plaster	112	0	0
Manufacture of other non-metallic mineral products n.e.c.	16	0	0
Manufacture of cutlery, hand tools and general hardware	40	0	0
Manufacture of other fabricated metal products n.e.c.	129	0	0
Manufacture of parts and accessories for motor vehicles	5	0	0
Manufacture of furniture	789	0	0
Manufacture of jeweler and related articles	37	0	0
Manufacture of imitation jeweler and related articles	7	0	0
Total	2,042	0	0

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 3: Number of establishments by activity and form of ownership (ISIC R4), 2010

Descriptions	Form of ownership						Total
	Individual proprietorship	Partnership	Public	Parastatals	Cooperative	Other	
Quarrying of stone, sand and clay	5	0	0	0	0	0	5
Extraction of salt	19	0	0	0	11	0	31
Manufacture of vegetable and animal oils and fats	2	0	0	0	0	0	2
Manufacture of grain mill products	57	0	0	0	13	0	70
Manufacture of bakery products	90	0	0	0	0	0	90
Manufacture of macaroni, noodles, couscous and similar	14	0	0	0	0	0	14
Manufacture of cordage, rope, twine and netting	2	0	0	0	0	0	2
Manufacture of wearing apparel, except fur apparel	595	15	0	0	28	2	639
Manufacture of footwear	18	0	0	0	0	0	18
Sawmilling and planning of wood	19	2	2	0	0	0	23
Manufacture of soap and detergents, cleaning and polishing	2	0	0	0	0	0	2
Manufacture of cement, lime and plaster	12	0	0	0	0	0	12
Manufacture of articles of concrete, cement and plaster	104	2	0	2	4	0	112
Manufacture of other non-metallic mineral products n.e.c.	16	0	0	0	0	0	16
Manufacture of cutlery, hand tools and general hardware	27	0	0	0	6	6	40
Manufacture of other fabricated metal products n.e.c.	114	0	0	0	15	0	129
Manufacture of parts and accessories for motor vehicles	0	0	0	0	5	0	5
Manufacture of furniture	739	32	3	0	15	0	789
Manufacture of jeweler and related articles	37	0	0	0	0	0	37
Manufacture of imitation jeweler and related articles	7	0	0	0	0	0	7
Total	1,880	51	5	2	96	8	2,042

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 4: Number of establishments by activity and employment size (ISIC R4), 2010

Descriptions	Persons engaged					
	1 - 2	3 - 4	5 - 6	7 - 8	9	Total
Quarrying of stone, sand and clay	3	0	0	2	0	5
Extraction of salt	1	6	12	9	2	31
Manufacture of vegetable and animal oils and fats	0	0	2	0	0	2
Manufacture of grain mill products	32	32	6	0	0	70
Manufacture of bakery products	0	57	17	14	2	90
Manufacture of macaroni, noodles, couscous and similar faring	0	13	2	0	0	14
Manufacture of cordage, rope, twine and netting	0	0	0	2	0	2
Manufacture of wearing apparel, except fur apparel	392	222	16	7	2	639
Manufacture of footwear	12	6	0	0	0	18
Sawmilling and planning of wood	6	6	4	7	0	23
Manufacture of soap and detergents, cleaning and polishing p	0	0	2	0	0	2
Manufacture of cement, lime and plaster	12	0	0	0	0	12
Manufacture of articles of concrete, cement and plaster	12	50	28	20	2	112
Manufacture of other non-metallic mineral products n.e.c.	12	0	0	4	0	16
Manufacture of cutlery, hand tools and general hardware	5	23	6	6	0	40
Manufacture of other fabricated metal products n.e.c.	27	77	19	0	6	129
Manufacture of parts and accessories for motor vehicles	5	0	0	0	0	5
Manufacture of furniture	251	414	82	32	10	789
Manufacture of jewellery and related articles	30	7	0	0	0	37
Manufacture of imitation jewellery and related articles	0	7	0	0	0	7
Total	800	920	195	103	24	2,042

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 5: Number of Persons Engaged by Size and Industrial Group (ISIC R4), 2010

ISIC R4	Description	Persons engaged					
		1 - 2	3 - 4	5 - 6	7 - 8	9	Total
810	Quarrying of stone, sand and clay	3	0	0	19	0	21
893	Extraction of salt	2	23	72	63	22	182
1040	Manufacture of vegetable and animal oils and fats	0	0	9	0	0	9
1061	Manufacture of grain mill products	57	115	36	0	0	208
1071	Manufacture of bakery products	0	211	96	104	14	425
1074	Manufacture of macaroni, noodles, couscous and similar farin	0	51	9	0	0	60
1394	Manufacture of cordage, rope, twine and netting	0	0	0	13	0	13
1410	Manufacture of wearing apparel, except fur apparel	666	740	88	54	16	1,564
1520	Manufacture of footwear	12	18	0	0	0	30
1610	Sawmilling and planing of wood	12	18	22	48	0	100
2023	Manufacture of soap and detergents, cleaning and polishing p	0	0	11	0	0	11
2394	Manufacture of cement, lime and plaster	25	0	0	0	0	25
2395	Manufacture of articles of concrete, cement and plaster	25	162	149	154	17	505
2399	Manufacture of other non-metallic mineral products n.e.c.	25	0	0	26	0	51
2593	Manufacture of cutlery, hand tools and general hardware	5	86	31	43	0	165
2599	Manufacture of other fabricated metal products n.e.c.	50	281	99	0	56	485
2930	Manufacture of parts and accessories for motor vehicles	9	0	0	0	0	9
3100	Manufacture of furniture	421	1,433	436	246	89	2,625
3211	Manufacture of jeweler and related articles	59	22	0	0	0	81
3212	Manufacture of imitation jeweler and related articles	0	30	0	0	0	30
Total		1,370	3,188	1,058	769	214	6,599

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 6: Number of Persons Engaged by Industrial activity (ISIC R4) and origin of ownership (ISIC R4), 2010

Descriptions	National	Foreign	Joint	Total
Quarrying of stone, sand and clay	21	0	0	21
Extraction of salt	182	0	0	182
Manufacture of vegetable and animal oils and fats	9	0	0	9
Manufacture of grain mill products	208	0	0	208
Manufacture of bakery products	425	0	0	425
Manufacture of macaroni, noodles, couscous and similar faring	60	0	0	60
Manufacture of cordage, rope, twine and netting	13	0	0	13
Manufacture of wearing apparel, except fur apparel	1,564	0	0	1,564
Manufacture of footwear	30	0	0	30
Sawmilling and planning of wood	100	0	0	100
Manufacture of soap and detergents, cleaning and polishing p	11	0	0	11
Manufacture of cement, lime and plaster	25	0	0	25
Manufacture of articles of concrete, cement and plaster	505	0	0	505
Manufacture of other non-metallic mineral products n.e.c.	51	0	0	51
Manufacture of cutlery, hand tools and general hardware	165	0	0	165
Manufacture of other fabricated metal products n.e.c.	485	0	0	485
Manufacture of parts and accessories for motor vehicles	9	0	0	9
Manufacture of furniture	2,625	0	0	2,625
Manufacture of jeweler and related articles	81	0	0	81
Manufacture of imitation jeweler and related articles	30	0	0	30
Total	6,599	0	0	6,599

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 7: Number of establishment by Activity and Source of Finance

ISIC R4	Descriptions	Source of Finance					
		Personal and Relatives	Loans	Government	Other Source	Missing	Total
810	Quarrying of stone, sand and clay	5	0	0	0	0	5
893	Extraction of salt	30	1	0	0	0	31
1040	Manufacture of vegetable and animal oils and fats	2	0	0	0	0	2
1061	Manufacture of grain mill products	57	0	0	13	0	70
1071	Manufacture of bakery products	87	0	0	0	3	90
1074	Manufacture of macaroni, noodles, couscous and similar faring	14	0	0	0	0	14
1394	Manufacture of cordage, rope, twine and netting	2	0	0	0	0	2
1410	Manufacture of wearing apparel, except fur apparel	604	0	7	18	9	639
1520	Manufacture of footwear	18	0	0	0	0	18
1610	Sawmilling and planning of wood	21	0	0	0	2	23
2023	Manufacture of soap and detergents, cleaning and polishing p	2	0	0	0	0	2
2394	Manufacture of cement, lime and plaster	12	0	0	0	0	12
2395	Manufacture of articles of concrete, cement and plaster	110	0	0	2	0	112
2399	Manufacture of other non-metallic mineral products n.e.c.	16	0	0	0	0	16
2593	Manufacture of cutlery, hand tools and general hardware	27	0	0	6	6	40
2599	Manufacture of other fabricated metal products n.e.c.	129	0	0	0	0	129
2930	Manufacture of parts and accessories for motor vehicles	5	0	0	0	0	5
3100	Manufacture of furniture	742	0	0	37	10	789
3211	Manufacture of jeweler and related articles	37	0	0	0	0	37
3212	Manufacture of imitation jeweler and related articles	7	0	0	0	0	7
Total		1,927	1	7	76	31	2,042

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 8: Number of establishments by employment size and region

Persons engaged	Region					
	Kaskazini Unguja	Kusini Unguja	Mjini Magharibi	Kaskazini Pemba	Kusini Pemba	Total
1 - 2	93	64	495	77	72	800
3 - 4	130	63	554	71	102	920
5 - 6	28	2	108	36	21	195
7 - 8	6	4	55	30	7	103
9	2	0	15	2	4	24
Total	259	132	1,227	217	206	2,042

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 9: Number of Person Engaged by Region and Size, 2010

Region	Persons engaged					
	1 - 2	3 - 4	5 - 6	7 - 8	9	Total
Kaskazini Unguja	141	459	150	47	17	814
Kusini Unguja	101	261	11	33	0	406
Mjini Magharibi	877	1,894	586	414	139	3,910
Kaskazini Pemba	129	231	201	223	22	806
Kusini Pemba	122	343	111	52	36	663
Total	1,370	3,188	1,058	769	214	6,599

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 10: Number of establishments by employment size and type of legal organization

Persons engaged	Form of ownership						
	Individual proprietorship	Partnership	Public	Parastatals	Cooperative	Other	Total
1 - 2	767	15	0	0	18	0	800
3 - 4	865	22	0	0	33	0	920
5 - 6	149	10	0	2	28	6	195
7 - 8	81	4	5	0	13	0	103
9	18	0	0	0	4	2	24
Total	1,880	51	5	2	96	8	2,042

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 11: Number of establishments by employment size and Source of finance

Persons engaged	Source of Finance					
	Personal and Relatives	Loans	Government	Other Source	Missing	Total
1 - 2	764	0	0	29	7	800
3 - 4	877	0	7	29	7	920
5 - 6	179	1	0	9	6	195
7 - 8	87	0	0	8	8	103
9	19	0	0	2	2	24
Total	1,927	1	7	76	31	2,042

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 12: Number of Establishment by Activity and Year started Operation (ISIC R4), 2010

Descriptions	Year establishment started					
	Before 1990	1990-1994	1995-1999	2000-2004	2005 or later	Total
Quarrying of stone, sand and clay	1	2	1	1	0	5
Extraction of salt	1	3	7	15	5	31
Manufacture of vegetable and animal oils and fats	0	2	0	0	0	2
Manufacture of grain mill products	0	0	6	17	46	70
Manufacture of bakery products	8	2	14	17	49	90
Manufacture of macaroni, noodles, couscous and similar farin	2	0	13	0	0	14
Manufacture of cordage, rope, twine and netting	2	0	0	0	0	2
Manufacture of wearing apparel, except fur apparel	41	30	48	177	344	639
Manufacture of footwear	0	12	0	6	0	18
Sawmilling and planing of wood	2	0	0	13	8	23
Manufacture of soap and detergents, cleaning and polishing p	0	0	0	0	2	2
Manufacture of cement, lime and plaster	0	0	12	0	0	12
Manufacture of articles of concrete, cement and plaster	2	4	7	11	88	112
Manufacture of other non-metallic mineral products n.e.c.	0	2	0	2	12	16
Manufacture of cutlery, hand tools and general hardware	11	0	6	18	5	40
Manufacture of other fabricated metal products n.e.c.	20	9	11	52	38	129
Manufacture of parts and accessories for motor vehicles	0	0	0	0	5	5
Manufacture of furniture	118	86	101	212	271	789
Manufacture of jeweler and related articles	0	0	0	15	22	37
Manufacture of imitation jeweler and related articles	0	0	0	0	7	7
Total	206	151	227	555	901	2,042

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 13: Evolution in person engaged by Activity, June to December (ISIC R4), 2010

ISIC R4	Descriptions	Males	Females	Total	Males	Females	Total
810	Quarrying of stone, sand and clay	12	10	21	12	10	21
893	Extraction of salt	108	34	142	144	49	194
1040	Manufacture of vegetable and animal oils and fats	9	0	9	9	0	9
1061	Manufacture of grain mill products	189	19	208	189	19	208
1071	Manufacture of bakery products	395	14	410	411	21	432
1074	Manufacture of macaroni, noodles, couscous and similar faring	48	13	60	48	13	60
1394	Manufacture of cordage, rope, twine and netting	7	5	13	7	5	13
1410	Manufacture of wearing apparel, except fur apparel	1,345	232	1,577	1,332	241	1,573
1520	Manufacture of footwear	30	0	30	30	0	30
1610	Sawmilling and planning of wood	100	15	116	100	15	116
2023	Manufacture of soap and detergents, cleaning and polishing p	11	0	11	11	0	11
2394	Manufacture of cement, lime and plaster	12	0	12	12	0	12
2395	Manufacture of articles of concrete, cement and plaster	505	4	509	502	4	505
2399	Manufacture of other non-metallic mineral products n.e.c.	51	0	51	51	0	51
2593	Manufacture of cutlery, hand tools and general hardware	165	0	165	165	0	165
2599	Manufacture of other fabricated metal products n.e.c.	481	0	481	481	0	481
2930	Manufacture of parts and accessories for motor vehicles	9	0	9	9	0	9
3100	Manufacture of furniture	2,605	7	2,613	2,622	7	2,630
3211	Manufacture of jeweler and related articles	81	0	81	81	0	81
3212	Manufacture of imitation jeweler and related articles	15	15	30	15	15	30
	Total	6,179	368	6,547	6,231	399	6,630

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 14: Production account by individual establishment (ISIC R4), 2010

"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
810	Quarrying of stone, sand and clay	5	21	93,269	40,539	52,968	21,441	371	33,228
893	Extraction of salt	31	194	134,740	59,403	103,395	82,229	50	75,612
1040	Manufacture of vegetable and animal oils and fats	2	9	172,667	1,571	171,096	11,200	233	159,662
1061	Manufacture of grain mill products	70	208	744,996	282,452	466,756	242,244	3,280	233,037
1071	Manufacture of bakery products	90	432	6,743,756	5,102,196	2,119,539	613,514	4,886	1,637,489
1074	Manufacture of macaroni, noodles, couscous and similar farin	14	60	720,977	227,160	493,817	31,691	1,443	460,683
1394	Manufacture of cordage, rope, twine and netting	2	13	28,292	8,176	20,116	13,608	0	6,508
1410	Manufacture of wearing apparel, except fur apparel	639	1,573	7,884,708	1,558,759	6,380,985	2,343,301	20,700	4,178,022
1520	Manufacture of footwear	18	30	312,600	90,546	222,054	29,700	570	191,784
1610	Sawmilling and planing of wood	23	116	332,274	46,764	294,257	167,696	2,514	161,579
2023	Manufacture of soap and detergents, cleaning and polishing p	2	11	34,667	3,067	31,600	11,880	1,558	18,162
2394	Manufacture of cement, lime and plaster	12	12	100,050	67,492	32,558	11,931	0	20,626
2395	Manufacture of articles of concrete, cement and plaster	112	505	16,350,030	13,147,730	4,177,845	915,433	6,665	3,398,032
2399	Manufacture of other non-metallic mineral products n.e.c.	16	51	1,603,691	1,247,002	356,689	32,746	1,067	322,877
2593	Manufacture of cutlery, hand tools and general hardware	40	165	1,033,386	332,093	701,293	226,755	876	473,662
2599	Manufacture of other fabricated metal products n.e.c.	129	481	3,960,233	1,468,668	2,520,352	715,772	9,900	1,821,018
2930	Manufacture of parts and accessories for motor vehicles	5	9	605,200	37,173	568,027	7,616	227	560,184
3100	Manufacture of furniture	789	2,630	21,222,446	8,928,015	12,620,164	3,861,167	23,429	9,229,210
3211	Manufacture of jeweler and related articles	37	81	439,728	331,635	145,286	74,445	2,371	68,921
3212	Manufacture of imitation jeweler and related articles	7	30	439,432	253,763	185,669	46,085	1,477	138,107
	Total	2,042	6,630	62,957,141	33,234,204	31,664,464	9,460,453	81,616	23,188,403

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 15a: Principal Indicators by Industrial activity (ISIC R4), 2010

"000"

ISIC R4	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 month	As a percent of VA
810	Quarrying of stone, sand and clay	5	17,924	4,379	57	10,179	2,487	103	40
893	Extraction of salt	31	4,375	741	77	3,357	569	52	80
1040	Manufacture of vegetable and animal oils and fats	2	111,000	18,500	99	109,990	18,332	120	7
1061	Manufacture of grain mill products	70	10,638	3,581	63	6,665	2,243	115	52
1071	Manufacture of bakery products	90	74,851	15,859	31	23,526	4,984	140	29
1074	Manufacture of macaroni, noodles, couscous and similar farin	14	50,356	11,940	68	34,491	8,178	50	6
1394	Manufacture of cordage, rope, twine and netting	641	12,345	5,019	81	9,986	4,060	152	37
1520	Manufacture of footwear	18	17,367	10,420	71	12,336	7,402	83	13
1610	Sawmilling and planing of wood	23	14,447	3,310	89	12,794	2,931	162	57
2023	Manufacture of soap and detergents, cleaning and polishing p	2	18,909	3,152	91	17,236	2,873	90	38
2394	Manufacture of cement, lime and plaster	12	8,050	4,025	33	2,620	1,310	80	37
2395	Manufacture of articles of concrete, cement and plaster	112	146,449	32,349	26	37,422	8,266	154	22
2399	Manufacture of other non-metallic mineral products n.e.c.	16	99,638	31,741	22	22,161	7,060	79	9
2593	Manufacture of cutlery, hand tools and general hardware	40	26,140	6,276	68	17,739	4,259	118	32
2599	Manufacture of other fabricated metal products n.e.c.	129	30,715	8,164	64	19,548	5,196	138	28
2930	Manufacture of parts and accessories for motor vehicles	5	133,500	66,750	94	125,300	62,650	70	1
3100	Manufacture of furniture	826	26,238	8,004	59	15,462	4,717	149	31
3212	Manufacture of imitation jewellery and related articles	7	59,500	14,875	42	25,140	6,285	130	25
Total		2,042	30,831	9,540	50	15,507	4,798	142	30

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 15b: Principal Indicators by Industrial activity (ISIC R4), 2010

"000"

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
Quarrying of stone, sand and clay	5	21	0.3	17	93,269	0.1	52,968	0.2	21,441	0.2
Extraction of salt	31	182	2.8	132	134,740	0.2	103,395	0.3	82,229	0.9
Manufacture of vegetable and animal oils and fats	2	9	0.1	8	172,667	0.3	171,096	0.5	11,200	0.1
Manufacture of grain mill products	70	208	3.2	176	744,996	1.2	466,756	1.5	242,244	2.6
Manufacture of bakery products	90	425	6.4	365	6,743,756	10.7	2,119,539	6.7	613,514	6.5
Manufacture of macaroni, noodles, couscous and similar faring	14	60	0.9	52	720,977	1.1	493,817	1.6	31,691	0.3
Manufacture of cordage, rope, twine and netting	2	13	0.2	13	28,292	0.0	20,116	0.1	13,608	0.1
Manufacture of wearing apparel, except fur apparel	639	1,564	23.7	1,278	7,884,708	12.5	6,380,985	20.2	2,343,301	24.8
Manufacture of footwear	18	30	0.5	30	312,600	0.5	222,054	0.7	29,700	0.3
Sawmilling and planning of wood	23	100	1.5	86	332,274	0.5	294,257	0.9	167,696	1.8
Manufacture of soap and detergents, cleaning and polishing p	2	11	0.2	11	34,667	0.1	31,600	0.1	11,880	0.1
Manufacture of cement, lime and plaster	12	25	0.4	12	100,050	0.2	32,558	0.1	11,931	0.1
Manufacture of articles of concrete, cement and plaster	112	505	7.7	496	16,350,030	26.0	4,177,845	13.2	915,433	9.7
Manufacture of other non-metallic mineral products n.e.c.	16	51	0.8	34	1,603,691	2.5	356,689	1.1	32,746	0.3
Manufacture of cutlery, hand tools and general hardware	40	165	2.5	160	1,033,386	1.6	701,293	2.2	226,755	2.4
Manufacture of other fabricated metal products n.e.c.	129	485	7.4	432	3,960,233	6.3	2,520,352	8.0	715,772	7.6
Manufacture of parts and accessories for motor vehicles	5	9	0.1	9	605,200	1.0	568,027	1.8	7,616	0.1
Manufacture of furniture	789	2,625	39.8	2,127	21,222,446	33.7	12,620,164	39.9	3,861,167	40.8
Manufacture of jewellery and related articles	37	81	1.2	74	439,728	0.7	145,286	0.5	74,445	0.8
Manufacture of imitation jewellery and related articles	7	30	0.4	30	439,432	0.7	185,669	0.6	46,085	0.5
Total	2,042	6,599	100.0	5,544	62,957,141	100.0	31,664,464	100.0	9,460,453	100.0

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 17: Detailed Intermediate consumption by Industrial activity (ISIC R4), 2010

"000"

ISIC R4	Descriptions	Imported	Local	Electricity, water & fuel	Industrial Services Consumed	Non Industrial Services Consumed	Change in Stock	Total Intermediate
810	Quarrying of stone, sand and clay	0.00	31,344	8,165	990	123	83	40,539
893	Extraction of salt	4,408	6,438	28,632	18,896	3,807	2,778	59,403
1040	Manufacture of vegetable and animal oils and fats	0.00	9,333	2,504	0.00	0.00	10,267	1,571
1061	Manufacture of grain mill products	0.00	138,275	135,527	8,196	766	311	282,452
1071	Manufacture of bakery products	2,085,219	2,656,575	296,898	11,561	63,318	11,375	5,102,196
1074	Manufacture of macaroni, noodles, couscous and similar faring	102,095	113,429	10,855	638	144	0.00	227,160
1394	Manufacture of cordage, rope, twine and netting	0.00	9,976	0.00	54	0.00	1,854	8,176
1410	Manufacture of wearing apparel, except fur apparel	586,641	642,435	115,503	28,149	193,485	7,454	1,558,759
1520	Manufacture of footwear	0.00	83,736	360	0.00	7,200	750	90,546
1610	Sawmilling and planning of wood	0.00	10,947	18,670	12,860	11,248	6,961	46,764
2023	Manufacture of soap and detergents, cleaning and polishing p	0.00	6,772	3,131	0.00	358	7,193	3,067
2394	Manufacture of cement, lime and plaster	0.00	67,114	2,864	0.00	0.00	2,486	67,492
2395	Manufacture of articles of concrete, cement and plaster	1,553,309	11,309,375	123,933	29,368	132,396	651	13,147,730
2399	Manufacture of other non-metallic mineral products n.e.c.	1,098,507	144,595	5,230	1,243	2,744	5,317	1,247,002
2593	Manufacture of cutlery, hand tools and general hardware	82,507	213,383	26,343	2,702	5,865	(1,293)	332,093
2599	Manufacture of other fabricated metal products n.e.c.	667,992	688,546	60,291	7,000	29,024	(15,815)	1,468,668
2930	Manufacture of parts and accessories for motor vehicles	0.00	34,453	1,360	0.00	1,360	0.00	37,173
3100	Manufacture of furniture	943,043	7,668,335	98,528	67,383	216,956	66,231	8,928,015
3211	Manufacture of jeweler and related articles	90,811	220,942	5,894	428	6,913	(6,647)	331,635
3212	Manufacture of imitation jeweler and related articles	0.00	221,563	7,829	0.00	13,294	(11,078)	253,763
	Total	7,214,532	24,277,566	952,515	189,469	689,000	88,877	33,234,204

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 18: Raw materials purchased by product category and origin, 2010 "000"

CPC Codes	Descriptions	Imported Value	Local Value	Total
15120	Marble and other calciumreous monumental or building stone	0	83,544	83,544
15130	Granite, sandstone and other monumental or building stone	0	3,328,866	3,328,866
16200	Salt and pure sodium chloride; sea water	4,515	15,804	20,320
21549	Other vegetable oils, refined, n.e.c.	30,495	27,698	58,193
23110	Wheat and meslin flour	2,118,004	2,807,969	4,925,973
23921	Pepper (piper spp.), processed	1,177	0	1,177
23994	Vinegar and substitutes thereof obtained from acetic acid	0	2,297	2,297
23995	Sauces; mixed condiments; mustard flour and meal; prepared m	0	31	31
23996	Yeasts (active or inactive); other single-cell micro-organism	30,589	29,077	59,666
26350	Cotton sewing thread	93,350	33,207	126,557
27130	Curtains (including drapes) and interior blinds; curtain or	0	119,841	119,841
27150	Sacks and bags, of a kind used for the packing of goods	0	939	939
27290	Other carpets and textile floor coverings (including those o	0	36,954	36,954
27310	Twine, cordage, rope and cables	0	9	9
28224	Women's or girls' blouses, shirts, petticoats, panties, nigh	0	53,263	53,263
28228	Track suits, ski suits, swimwear and other garments, knitted	13,316	0	13,316
28238	Handkerchiefs, shawls, scarves, veils, ties, cravats, gloves	367,325	358,708,798	726,034
29120	Other leather, of bovine or equine animals, without hair on	0	47,520	47,520
29600	Parts of footwear; removable insoles, heel cushions and	0	10,800	10,800
31310	Wood in the rough, treated with paint, stains, creosote or o	278,244	5,832,237	6,110,481
31330	Other wood in the rough (including split poles and pickets)	29,760	107,009	136,769
32129	Other uncoated paper and paperboard, of a kind used for writ	0	6,772	6,772
33380	Lubricating petroleum oils and oils obtained from bituminous	111	44	155
34140	Carboxylic acids and their anhydrides, halides, peroxides an	0	530	530
35240	Sugars, chemically pure n.e.c.; sugar ethers and sugar ester	2,474	1,307	3,781
35333	Polishes and creams, for footwear, furniture, floors,	64,926	216,638	281,564
35420	Glues and gelatin, peptones and their derivatives, and	43,966	60,867	104,833
36320	Tubes, pipes and hoses, and fittings thereof of plastics	669,879	356,743	1,026,622
36390	Other plates, sheets, film, foil and strip, of plastics	632,210	363,902	996,112
37114	Glass in sheets, bent, edge-worked, engraved, drilled, e	136	132	268
37440	Portland cement, aluminous cement, slag cement and similar h	1,551,476	4,337,527	5,889,003
37690	Other worked monumental or building stone and articles there	9,418	58,570	67,988
38140	Other furniture n.e.c	369	6,462	6,832
38240	Jewellery and other articles of precious metal or of metal c	90,102	442,283	532,385
39310	Slag, dross, scaling and other waste from the manufacture o	9,067	224,909	233,975
41261	Bars and rods, cold-formed, cold-finished or further worked,	560,981	1,029,813	1,590,794
41263	Wire of iron or non-alloy steel	0	44,611	44,611
41532	Bars, rods and profiles, of aluminum	0	25,062	25,062
41534	Plates, sheets and strip, of aluminum, of a thickness	0	26,896	26,896
42913	Knives (except for machines) and scissors, and blades t	222	155	377
42914	Razors and razor blades (including razor blade blanks in	81	0	81
42941	Stranded wire, ropes, cables, plaited bands, slings and the	0	7,090	7,090
42944	Nails, tacks, staples (except staples in strips), screws,	55,078	146,087	201,165
42950	Wire, rods, tubes, plates, electrodes and similar products,	121,835	57,212	179,047
42992	Padlocks and locks, of base metal; clasps and frames with	17,778	121,163	138,941
42994	Paper trays, paper rests, pen trays, office-stamp stands and	0	3,028	3,028
42995	Fittings for loose-leaf binders or files; letter clips, lett	89,964	59,557	149,521
42997	Sewing needles, knitting needles, bodkins, crochet hooks,	3,507	5,853	9,360
42999	Metal goods n.e.c.	10,357	0	10,357
43944	Parts n.e.c. of dish washing machines; parts of machinery fo	0	1,595,250	1,595
44222	Machine-tools for working wood, cork, bone, hard rubber, har	2,072	255	2,327
44621	Sewing machines, except book sewing machines and household s	0	23,819	23,819
88774	Mining, quarrying and construction machinery manufacturing s	-	191,626	191,626
99998	Other	167,248	224,111	391,359
	Total	7,467,857	19,546,642	27,014,499
	Total	14,537,946	40,487,037	55,024,983

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 19: Additional table

"000"

CPC Codes	Descriptions	Imported Quantity	Local Quantity	Total
15120	Marble and other calcium reous monumental or building stone	0	1	1
15130	Granite, sandstone and other monumental or building stone	0	145	145
16200	Salt and pure sodium chloride; sea water	8	24	32
21549	Other vegetable oils, refined, n.e.c.	10	5	15
23110	Wheat and meslin flour	1,582	1,830	3,412
23921	Pepper (piper spp.), processed	0	0	0
23994	Vinegar and substitutes therefor obtained from acetic acid	0	0	0.00
23995	Sauces; mixed condiments; mustard flour and meal; prepared m	0	0	0.00
23996	Yeasts (active or inactive); other single-cell micro-organis	39	4	42
26350	Cotton sewing thread	71	19	90
27130	Curtains (including drapes) and interior blinds; curtain or	0	0	0
27150	Sacks and bags, of a kind used for the packing of goods	0	2	2
27290	Other carpets and textile floor coverings (including those o	0	0	0.00
27310	Twine, cordage, rope and cables	0	0	0.00
28224	Women's or girls' blouses, shirts, petticoats, panties, nigh	0	0	0
28228	Track suits, ski suits, swimwear and other garments, knitted	0	0	0.00
28238	Handkerchiefs, shawls, scarves, veils, ties, cravats, gloves	87	26	113
29120	Other leather, of bovine or equine animals, without hair on	0	9	9
29600	Parts of footwear; removable insoles, heel cushions and simi	0	0	0.00
31310	Wood in the rough, treated with paint, stains, creosote or o	20	318	339
31330	Other wood in the rough (including split poles and pickets)	3	5	8
32129	Other uncoated paper and paperboard, of a kind used for writ	0	0	0.00
33380	Lubricating petroleum oils and oils obtained from bituminous	0	0	0
34140	Carboxylic acids and their anhydrides, halides, peroxides an	0	0	0
35240	Sugars, chemically pure n.e.c.; sugar ethers and sugar ester	24	0	24
35333	Polishes and creams, for footwear, furniture, floors, coachw	7	21	29
35420	Glues and gelatine, peptones and their derivatives, and rela	7	8	15
36320	Tubes, pipes and hoses, and fittings therefor, of plastics	30	55	85
36390	Other plates, sheets, film, foil and strip, of plastics	18	8	26
37114	Glass in sheets, bent, edge-worked, engraved, drilled, ename	0	0	0
37440	Portland cement, aluminous cement, slag cement and similar h	3,371	3,487	6,858
37690	Other worked monumental or building stone and articles there	1	5	5
38140	Other furniture n.e.c.	0	0	0
38240	Jewellery and other articles of precious metal or of metal c	0	5	5
39310	Slag, dross, scalings and other waste from the manufacture o	9	2	11
41261	Bars and rods, cold-formed, cold-finished or further worked,	47	55	102
41263	Wire of iron or non-alloy steel	0	0	0.00
41532	Bars, rods and profiles, of aluminium	0	2	2
41534	Plates, sheets and strip, of aluminium, of a thickness excee	0	0	0
42913	Knives (except for machines) and scissors, and blades theref	0	0	0
42914	Razors and razor blades (including razor blade blanks in str	0	0	0.00
42941	Stranded wire, ropes, cables, plaited bands, slings and the	0	0	0.00
42944	Nails, tacks, staples (except staples in strips), screws, bo	18	197	215
42950	Wire, rods, tubes, plates, electrodes and similar products,	36	2	38
42992	Padlocks and locks, of base metal; clasps and frames with cl	1	26	27
42994	Paper trays, paper rests, pen trays, office-stamp stands and	0	1	1
42995	Fittings for loose-leaf binders or files; letter clips, lett	99	1,375	1,474
42997	Sewing needles, knitting needles, bodkins, crochet hooks, em	2	239	241
42999	Metal goods n.e.c.	0	0	0.00
43944	Parts n.e.c. of dish washing machines; parts of machinery fo	0	0	0
44222	Machine-tools for working wood, cork, bone, hard rubber, har	0	0	0
44621	Sewing machines, except book sewing machines and household s	0	0	0
88774	Mining, quarrying and construction machinery manufacturing s	0	1	1
99998	Other	88	43	131
	Total	401	286	687
Total		5,978	8,209	14,187

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 20: Change in Stock by ISIC (ISIC R4), 2010 "000"

ISIC R4	Descriptions	Materials, Supplies and fuel	Work in Progress	Finished Product	Good Purchased for resale	Total
810	Quarrying of stone, sand and clay	83	0.00	0.00	0.00	3,074
893	Extraction of salt	2,778	15,215	27,677	607	87,416
1040	Manufacture of vegetable and animal oils and fats	10,267	0.00	0.00	0.00	13,067
1061	Manufacture of grain mill products	311	0.00	0.00	0.00	1,602
1071	Manufacture of bakery products	11,375	5,360	473	(159)	63,321
1074	Manufacture of macaroni, noodles, couscous and similar faring	0.00	0.00	29,863	(19,143)	49,006
1394	Manufacture of cordage, rope, twine and netting	1,854	32	360	0.00	2,318
1410	Manufacture of wearing apparel, except fur apparel	7,454	(3,977)	(3,865)	3,610	260,866
1520	Manufacture of footwear	750	-	600	0.00	20,850
1610	Sawmilling and planning of wood	6,961	6,820	3,300	0.00	17,239
2023	Manufacture of soap and detergents, cleaning and polishing p	7,193	0.00	7,193	0.00	67,722
2394	Manufacture of cement, lime and plaster	2,486	0.00	621,428.57	0.00	11,807
2395	Manufacture of articles of concrete, cement and plaster	651	770	(18,811)	(1,806)	1,005,514
2399	Manufacture of other non-metallic mineral products n.e.c.	5,317	165	1,283	0.00	29,865
2593	Manufacture of cutlery, hand tools and general hardware	(1,293)	(1,139)	3,790	0.00	34,247
2599	Manufacture of other fabricated metal products n.e.c.	(15,815)	(630)	3,677	0.00	230,747
2930	Manufacture of parts and accessories for motor vehicles	0.00	0.00	0.00	0.00	0.00
3100	Manufacture of furniture	66,231	62,528	23,220	(33,343)	1,737,395
3211	Manufacture of jeweler and related articles	(6,647)	(2,216)	(3,619)	(12,924)	152,583
3212	Manufacture of imitation jeweler and related articles	(11,078)	0.00	(22,156)	0.00	269,568
	Total	88,877	82,927	53,607	(63,158)	4,058,205

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 21: labor cost by ISIC (ISIC R4), 2010

"000"

Descriptions	Gross wages and salaries paid to employees	Overtime payments	Reimbursement of travel expenses	Payment in kind	Employer's contribution to social Security Schemes	Training expenses	Other labour costs	Total
Quarrying of stone, sand and clay	21,441	0	0	0	0	0	0	21,441
Extraction of salt	77,029	5,200	0	0	0	0	2,365	84,594
Manufacture of vegetable and animal oils and fats	11,200	0	0	0	0	0	0	11,200
Manufacture of grain mill products	242,244	0	0	0	0	0	0	242,244
Manufacture of bakery products	606,947	0	0	6,567	0	0	0	613,514
Manufacture of macaroni, noodles, couscous and similar faring	31,691	0	0	0	0	0	0	31,691
Manufacture of cordage, rope, twine and netting	13,608	0	0	0	0	0	0	13,608
Manufacture of wearing apparel, except fur apparel	2,342,172	0	370	759	0	11,026	2,663	2,356,990
Manufacture of footwear	29,700	0	0	0	0	0	0	29,700
Sawmilling and planing of wood	163,789	1,901	0	0	2,006	0	0	167,696
Manufacture of soap and detergents, cleaning and polishing p	11,880	0	0	0	0	0	0	11,880
Manufacture of cement, lime and plaster	11,931	0	0	0	0	0	0	11,931
Manufacture of articles of concrete, cement and plaster	914,883	0	0	550	0	0	0	915,433
Manufacture of other non-metallic mineral products n.e.c.	32,746	0	0	0	0	0	0	32,746
Manufacture of cutlery, hand tools and general hardware	226,755	0	0	0	0	0	0	226,755
Manufacture of other fabricated metal products n.e.c.	715,772	0	0	0	0	0	0	715,772
Manufacture of parts and accessories for motor vehicles	7,616	0	0	0	0	0	0	7,616
Manufacture of furniture	3,858,697	295	0	0	2,174	0	9,603	3,870,769
Manufacture of jewellery and related articles	74,445	0	0	0	0	0	0	74,445
Manufacture of imitation jewellery and related articles	46,085	0	0	0	0	0	0	46,085
Total	9,440,631	7,396	370	7,876	4,180	11,026	14,631	9,486,111

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 22: Service consumed by ISIC (ISIC R4), 2010 "000"

ISIC R4	Descriptions	Contract and commission paid for work done on your mat	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
810	Quarrying of stone, sand and clay	0	990	123	0	0	0	0	0	0	1,113
893	Extraction of salt	2,476	16,420	1,030	279	2,810	0	0	0	0	22,703
1040	Manufacture of vegetable and animal oils and fats	0	0	0	0	0	0	0	0	0	0
1061	Manufacture of grain mill products	0	8,196	766	0	0	0	0	0	0	8,961
1071	Manufacture of bakery products	0	11,561	280	33,203	29,835	0	0	0	0	74,879
1074	Manufacture of macaroni, noodles, couscous and similar faring	0	638	144	0	0	0	0	0	0	782
1394	Manufacture of cordage, rope, twine and netting	0	54	0	0	0	0	0	0	0	54
1410	Manufacture of wearing apparel, except fur apparel	6,658	21,491	9,626	129,442	16,918	92	5,400	3,600	0	221,634
1520	Manufacture of footwear	0	0	0	7,200	0	0	0	0	0	7,200
1610	Sawmilling and planning of wood	0	12,860	88	11,160	0	0	0	0	0	24,108
2023	Manufacture of soap and detergents, cleaning and polishing p	0	0	37	321	0	0	0	0	0	358
2394	Manufacture of cement, lime and plaster	0	0	0	0	0	0	0	0	0	0
2395	Manufacture of articles of concrete, cement and plaster	0	29,368	7,993	53,003	70,483	550	0	0	367	161,764
2399	Manufacture of other non-metallic mineral products n.e.c.	0	1,243	0	2,744	0	0	0	0	0	3,987
2593	Manufacture of cutlery, hand tools and general hardware	0	2,702	925	0	4,940	0	0	0	0	8,567
2599	Manufacture of other fabricated metal products n.e.c.	0	7,000	0	23,812	5,212	0	0	0	0	36,024
2930	Manufacture of parts and accessories for motor vehicles	0	0	0	1,360	0	0	0	0	0	1,360
3100	Manufacture of furniture	1,240	59,199	17,598	90,738	84,292	163	0	0	25,761	284,340
3211	Manufacture of jewellery and related articles	0	428	266	6,647	0	0	0	0	0	7,341
3212	Manufacture of imitation jewellery and related articles	0	0	0	13,294	0	0	0	0	0	13,294
	Total	10,374	172,151	38,875	373,202	214,491	805	5,400	3,600	26,127	878,469

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 23: Number of person engaged by ISIC (ISIC R4), 2010

ISIC R4	Description	Working proprietors and partners		Unpaid workers (Tanzania Female)		Managerial and professional staff		Operatives - skilled		Operatives - non skilled		Others		Total Persons Engaged	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
810	Quarrying of stone, sand and clay	2	2	0	0	0	0	2	0	0	6	7	1	12	10
893	Extraction of salt	42	7	0	0	18	9	54	18	31	2	0	0	146	36
1040	Manufacture of vegetable and animal oils and fats	2	0	0	0	0	0	0	0	0	0	8	0	9	0
1061	Manufacture of grain mill products	13	19	0	0	41	0	109	0	26	0	0	0	189	19
1071	Manufacture of bakery products	51	2	8	0	30	0	257	6	16	6	50	0	411	14
1074	Manufacture of macaroni, noodles, couscous and similar faring	8	0	0	0	6	0	21	6	0	6	13	0	48	13
1394	Manufacture of cordage, rope, twine and netting	0	0	0	0	0	0	7	0	0	5	0	0	7	5
1410	Manufacture of wearing apparel, except fur apparel	247	22	4	13	354	48	594	136	61	15	67	4	1,327	237
1520	Manufacture of footwear	0	0	0	0	18	0	12	0	0	0	0	0	30	0
1610	Sawmilling and planning of wood	14	0	0	0	11	0	44	0	11	0	20	0	100	0
2023	Manufacture of soap and detergents, cleaning and polishing p	0	0	0	0	2	0	9	0	0	0	0	0	11	0
2394	Manufacture of cement, lime and plaster	12	0	0	0	0	0	12	0	0	0	0	0	25	0
2395	Manufacture of articles of concrete, cement and plaster	9	0	0	0	93	4	369	0	7	0	24	0	502	4
2399	Manufacture of other non-metallic mineral products n.e.c.	16	0	0	0	0	0	13	0	0	0	22	0	51	0
2593	Manufacture of cutlery, hand tools and general hardware	5	0	0	0	44	0	116	0	0	0	0	0	165	0
2599	Manufacture of other fabricated metal products n.e.c.	53	0	0	0	94	0	216	0	42	0	79	0	485	0
2930	Manufacture of parts and accessories for motor vehicles	0	0	0	0	5	0	5	0	0	0	0	0	9	0
3100	Manufacture of furniture	456	2	39	0	415	0	1,303	2	249	2	156	0	2,618	7
3211	Manufacture of jewellery and related articles	7	0	0	0	37	0	37	0	0	0	0	0	81	0
3212	Manufacture of imitation jewellery and related articles	0	0	0	0	0	7	15	7	0	0	0	0	15	15
	Total	937	55	51	13	1,168	68	3,194	176	444	44	445	5	6,239	360

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 24: Components of gross output by Industrial activity (ISIC R4), 2010 "000"

ISIC R4	Descriptions	Exports	Local market	Change in Stock	Industrial Services	Non-industrial services consumed	Other	Cost of goods sold as purchased	Total Gross
810	Quarrying of stone, sand and clay	0.00	100,796	0.00	0.00	0.00	0.00	0.00	93,269
893	Extraction of salt	0.00	333,150	43,499	0.00	743	495	0.00	134,740
1040	Manufacture of vegetable and animal oils and fats	0.00	172,667	0.00	0.00	0.00	0.00	0.00	172,667
1061	Manufacture of grain mill products	0.00	757,438	0.00	0.00	13,976	0.00	0.00	744,996
1071	Manufacture of bakery products	336,000	8,975,087	5,675	22,971	2,800	0.00	0.00	6,743,756
1074	Manufacture of macaroni, noodles, couscous and similar faring	0.00	710,257	10,720	0.00	0.00	0.00	0.00	720,977
1394	Manufacture of cordage, rope, twine and netting	27,900	0.00	392	0.00	0.00	0.00	0.00	28,292
1410	Manufacture of wearing apparel, except fur apparel	250,334	7,903,661	(4,233)	7,028	8,803	33,530	0.00	7,884,708
1520	Manufacture of footwear	0.00	312,000	600	0.00	0.00	0.00	0.00	312,600
1610	Sawmilling and planning of wood	121,176	275,668	10,120	0.00	4,730	0.00	0.00	332,274
2023	Manufacture of soap and detergents, cleaning and polishing p	0.00	25,915	7,193	0.00	0.00	1,558	0.00	34,667
2394	Manufacture of cement, lime and plaster	0.00	99,429	621	0.00	0.00	0.00	0.00	100,050
2395	Manufacture of articles of concrete, cement and plaster	0.00	17,798,188	(19,847)	0.00	0.00	3,667	0.00	16,350,030
2399	Manufacture of other non-metallic mineral products n.e.c.	0.00	1,597,843	1,448	4,400	0.00	0.00	0.00	1,603,691
2593	Manufacture of cutlery, hand tools and general hardware	0.00	1,024,075	2,651	0.00	14,060	0.00	7,400	1,033,386
2599	Manufacture of other fabricated metal products n.e.c.	126,933	3,905,103	3,047	22,200	18,496	0.00	0.00	3,960,233
2930	Manufacture of parts and accessories for motor vehicles	0.00	605,200	0.00	0.00	0.00	0.00	0.00	605,200
3100	Manufacture of furniture	490,645	21,733,444	52,404	131,013	99,086	6,200	125,552	21,222,446
3211	Manufacture of jewellery and related articles	0.00	576,284	(18,759)	0.00	3,693	0.00	9,601	439,728
3212	Manufacture of imitation jewellery and related articles	0.00	480,052	(22,156)	0.00	0.00	0.00	18,464	439,432
	Total	1,352,989	67,386,256	73,376	187,612	166,387	45,450	161,017	62,957,141

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Note: Figures in brackets () indicates negative values

Additional table "000"

CPC Codes	Descriptions	Imported Value	Local Value	Total
23913	Tea leaves	0	6,600	6,600
15120	Marble and other calciumreous monumental or building stone	0	7,641	7,641
15200	Gypsum; anhydrite; limestone flux; limestone and other calcium	0	41,036	41,036
15320	Pebbles, gravel, broken or crushed stone, macadam; granules,	0	500	500
16200	Salt and pure sodium chloride; sea water	0	294,863	294,863
21180	Flours, meals and pellets of meat or meat offal, inedible; g	0	3,600	3,600
21546	Coconut oil, refined	0	211,000	211,000
23110	Wheat and meslin flour	0	126,000	126,000
23161	Rice, semi- or wholly milled	0	20,772	20,772
23410	Crispbread; rusks, toasted bread and similar toasted product	0	195,074	195,074
23420	Gingerbread and the like; sweet biscuits; waffles and wafers	0	1,080	1,080
23490	Bread and other bakers' wares	216,000	5,752,054	5,968,054
23710	Uncooked pasta, not stuffed or otherwise prepared	0	262,700	262,700
23912	Coffee substitutes containing coffee; extracts, essences and	0	212,390	212,390
23926	Cloves (whole stems), processed	2,477,824	-	2,477,824
24410	Bottled waters, not sweetened or flavoured	0	7,119,739	7,119,739
27130	Curtains (including drapes) and interior blinds; curtain or	0	62,804	62,804
27170	Parachutes	0	1,671,791	1,671,791
27290	Other carpets and textile floor coverings (including those o	0	166,316	166,316
27310	Twine, cordage, rope and cables	10,500	28,620	39,120
27320	Knotted netting of twine, cordage or rope; made up nets of t	0	82,500	82,500
28221	Men's or boys' suits, coats, jackets, trousers, shorts and t	11,340	356,827	368,167
28222	Men's or boys' shirts, underpants, pyjamas, dressing gowns a	17,000	67,531	84,531
28223	Women's or girls' suits, coats, jackets, dresses, skirts, tr	1,300	95,947	97,247
28224	Women's or girls' blouses, shirts, petticoats, panties, nigh	8,100	1,008,530	1,016,630
29330	Footwear with uppers of leather, other than sports footwear,	0	52,000	52,000
31100	Wood, sawn or chipped lengthwise, sliced or peeled, of a thi	54,000	667,870	721,870
31310	Wood in the rough, treated with paint, stains, creosote or o	0	30,215	30,215
32129	Other uncoated paper and paperboard, of a kind used for writ	0	14,135	14,135
32700	Registers, account books, notebooks, letter pads, diaries an	0	402,646	402,646
35321	Soap; organic surface-active products and preparations for u	0	11,421	11,421
36390	Other plates, sheets, film, foil and strip, of plastics	115,009	363,294	478,303
37114	Glass in sheets, bent, edge-worked, engraved, drilled, ename	0	4,500	4,500
37520	Boards, blocks and similar articles of vegetable fibre, stra	429,000	9,925,666	#####
37560	Other articles of cement, concrete or artificial stone	0	2,969,150	2,969,150
38112	Seats, primarily with wooden frames	3,000	107,711	110,711
38122	Other wooden furniture, of a kind used in offices	0	47,225	47,225
38130	Other wooden furniture, of a kind used in the kitchen	0	111,000	111,000
38140	Other furniture n.e.c	94,450	7,148,003	7,242,453
38240	Jewellery and other articles of precious metal or of metal c	0	85,493	85,493
39140	Beet-pulp, bagasse and other waste of sugar manufacture	0	15,800	15,800
42912	Table, kitchen or other household articles and parts thereof	5,800	226,441	232,241
42931	Tanks, casks, drums, cans, boxes and similar containers (oth	0	14,495	14,495
42943	Cloth, grill, netting and fencing, of iron or steel wire; ex	48,300	1,639,833	1,688,133
42944	Nails, tacks, staples (except staples in strips), screws, bo	0	23,880	23,880
43530	Fork-lift trucks; other works trucks whether or not fitted w	0	71,780	71,780
44112	Harrows, scarifiers, cultivators, weeders and hoes	0	65,452	65,452
44113	Seeders, planters and transplanters	0	100	100
44222	Machine-tools for working wood, cork, bone, hard rubber, har	0	71,200	71,200
44513	Machinery used in the milling industry or for the working of	0	101,270	101,270
47610	Musical audio disks, tapes or other physical media	709,395	8,158,038	8,867,432
49410	Sailboats (except inflatable), with or without auxiliary mot	0	83,250	83,250
83912	Industrial design services	0	1,892	1,892
88774	Mining, quarrying and construction machinery manufacturing s	0	3,569,001	3,569,001
89121	Printing services	0	1,494,000	1,494,000
99998	Other	6,080	458,594	464,674

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 25: Sales of product by category and destination, 2010

"000"

CPC Codes	Descriptions	Imported Quantity	Local Quantity	Total
1620	Tea leaves	0	0	0
15120	Marble and other calciumreous monumental or building stone	0	23	23
15200	Gypsum; anhydrite; limestone flux; limestone and other calcium	0	0	0.00
15320	Pebbles, gravel, broken or crushed stone, macadam; granules,	0	0	0.00
16200	Salt and pure sodium chloride; sea water	0	559	559
21546	Coconut oil, refined	0	74	74
23161	Rice, semi- or wholly milled	0	216	216
23410	Crispbread; rusks, toasted bread and similar toasted product	0	2,184	2,184
23420	Gingerbread and the like; sweet biscuits; waffles and wafers	0	0	0.00
23490	Bread and other bakers' wares	0	20,052	20,052
23710	Uncooked pasta, not stuffed or otherwise prepared	0	159	159
27130	Curtains (including drapes) and interior blinds; curtain or	0	0	0
27290	Other carpets and textile floor coverings (including those o	0	7	7
27310	Twine, cordage, rope and cables	15	0	15
27320	Knotted netting of twine, cordage or rope; made up nets of t	0	28	28
28221	Men's or boys' suits, coats, jackets, trousers, shorts and t	2	5,733	5,735
28222	Men's or boys' shirts, underpants, pyjamas, dressing gowns a	4	13	16
28223	Women's or girls' suits, coats, jackets, dresses, skirts, tr	0	5	5
28224	Women's or girls' blouses, shirts, petticoats, panties, nigh	1	9,668	9,668
29330	Footwear with uppers of leather, other than sports footwear,	0	121	121
31100	Wood, sawn or chipped lengthwise, sliced or peeled, of a thi	0	89	89
32129	Other uncoated paper and paperboard, of a kind used for writ	0	0	0.00
37114	Glass in sheets, bent, edge-worked, engraved, drilled, ename	0	17	17
37520	Boards, blocks and similar articles of vegetable fibre, stra	0	6,215	6,215
37560	Other articles of cement, concrete or artificial stone	0	54,022	54,022
38112	Seats, primarily with wooden frames	0	1	1
38122	Other wooden furniture, of a kind used in offices	0	0	0
38140	Other furniture n.e.c	1	27	28
38240	Jewellery and other articles of precious metal or of metal c	0	1	1
39140	Beet-pulp, bagasse and other waste of sugar manufacture	0	0	0.00
42912	Table, kitchen or other household articles and parts thereof	1	9	10
42931	Tanks, casks, drums, cans, boxes and similar containers (oth	0	2	2
42943	Cloth, grill, netting and fencing, of iron or steel wire; ex	1	8	9
42944	Nails, tacks, staples (except staples in strips), screws, bo	0	118	118
43530	Fork-lift trucks; other works trucks whether or not fitted w	0	0	0
44112	Harrows, scarifies, cultivators, weeders and hoes	0	9	9
44113	Seeders, planters and transplanter	0	0	0
44222	Machine-tools for working wood, cork, bone, hard rubber, har	0	0	0
44513	Machinery used in the milling industry or for the working of	0	1,049	1,049
88774	Mining, quarrying and construction machinery manufacturing s	0	1	1
99998	Other	10	0	10
	Total	0	25,227	25,227

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 27 (New): Change in stock by Industrial activity (ISIC R4), 2010

"000"

ISIC R4	Descriptions	Materials, Supplies and fuel	Work in Progress	Finished Product	Good Purchased for resale	Total
810	Quarrying of stone, sand and clay	83	0.00	0.00	0.00	83
893	Extraction of salt	2,778	15,215	27,677	607	46,277
1040	Manufacture of vegetable and animal oils and fats	10,267	0.00	0.00	0.00	10,267
1061	Manufacture of grain mill products	311	0.00	0.00	0.00	311
1071	Manufacture of bakery products	11,375	5,360	473	(159)	17,050
1074	Manufacture of macaroni, noodles, couscous and similar faring	0.00	0.00	29,863	(19,143)	10,720
1394	Manufacture of cordage, rope, twine and netting	1,854	32	360	0.00	2,246
1410	Manufacture of wearing apparel, except fur apparel	7,454	(3,977)	(3,865)	3,610	3,221
1520	Manufacture of footwear	750	-	600	0.00	1,350
1610	Sawmilling and planning of wood	6,961	6,820	3,300	0.00	17,081
2023	Manufacture of soap and detergents, cleaning and polishing p	7,193	0.00	7,193	0.00	14,387
2394	Manufacture of cement, lime and plaster	2,486	0.00	621	0.00	3,107
2395	Manufacture of articles of concrete, cement and plaster	651	770	(18,811)	(1,806)	(19,196)
2399	Manufacture of other non-metallic mineral products n.e.c.	5,317	165	1,283	0.00	6,765
2593	Manufacture of cutlery, hand tools and general hardware	(1,293)	(1,139)	3,790	0.00	1,358
2599	Manufacture of other fabricated metal products n.e.c.	(15,815)	(630)	3,677	0.00	(12,768)
2930	Manufacture of parts and accessories for motor vehicles	0.00	0.00	0.00	0.00	0.00
3100	Manufacture of furniture	66,231	62,528	23,220	(33,343)	118,635
3211	Manufacture of jewellery and related articles	(6,647)	(2,216)	(3,619)	(12,924)	(25,406)
3212	Manufacture of imitation jewellery and related articles	(11,078)	0.00	(22,156)	0.00	(33,234)
	Total	88,877	82,927	53,607	(63,158)	162,253

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Note: Figures in brackets () indicates negative values

Problems Frequencies

Problems	Responses	Percent	Percent of Cases
Insufficient demand	1,423	17.2%	70.3%
Shortage of raw materials	654	7.9%	32.3%
High Taxes	393	4.8%	19.4%
Insufficient production capacity	400	4.8%	19.8%
Shortage of qualified labour	244	3.0%	12.1%
Lack of equipment	242	2.9%	12.0%
Transport problem	280	3.4%	13.8%
Lack of production area	288	3.5%	14.2%
Inadequate supply of electricity	582	7.1%	28.8%
Economic environment	469	5.7%	23.2%
High cost of production	565	6.8%	27.9%
Financial problem	1,304	15.8%	64.4%
Foreign currency	82	1.0%	4.0%
Inflation	454	5.5%	22.4%
Depreciation of currency	264	3.2%	13.0%
Illegal imports	254	3.1%	12.5%
Inadequate supply of water	37	0.4%	1.8%
Feasibility study	102	1.2%	5.0%
Other	221	2.7%	10.9%
Total	8,258	100.0%	407.9%

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 28 (New): Challenges encountered by responding establishments in 2010 by Industrial activity (ISIC R4)-industrial sector

ISIC R4	Descriptions	Problems																				
		Missing	Insufficient demand	Shortage of raw materials	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
810	Quarrying of stone, sand and clay		4	2	1	2		1	2			2	2	2		1	2				2	5
893	Extraction of salt		24			9	10	8	2	3			10	24	1	2					3	31
1040	Manufacture of vegetable and animal oils and fats		2		2		2					2		2				2				2
1061	Manufacture of grain mill products		49	16		6		19			33	14	2	9	2	2					14	70
1071	Manufacture of bakery products		51	21	24	24			22	2	13	14	27	54	5	35	6	16	6		17	89
1074	Manufacture of macaroni, noodles, couscous and similar faring		14		14					6		6	8	6		13			6			14
1394	Manufacture of cordage, rope, twine and netting			2										2		2	2					2
1410	Manufacture of wearing apparel, except fur apparel	14	442	140	139	166	76	76	76	113	222	174	152	401	26	127	85	116	9	41	78	639
1520	Manufacture of footwear		12	6				6		6		6		6		6					6	18
1610	Sawmilling and planning of wood		19	2	12		4	6			8	12		16		2	4				4	21
2023	Manufacture of soap and detergents, cleaning and polishing p				2		2							2								2
2394	Manufacture of cement, lime and plaster		12	12					12				12	12	12		12	12				12
2395	Manufacture of articles of concrete, cement and plaster		88	43	11	29	6	22	25	4	33	38	56	86	12	29	18	4	7	12	2	110
2399	Manufacture of other non-metallic mineral products n.e.c.		14	2		4	12		12		2		16	14			2	2				16
2593	Manufacture of cutlery, hand tools and general hardware		20	24	11	18	5	5		9		5	9	24		9	5			5	6	40
2599	Manufacture of other fabricated metal products n.e.c.	111	91	38	38	18		5	14	24	58	29	35	80	9	36	9	14			5	124
2930	Manufacture of parts and accessories for motor vehicles		5																			5
3100	Manufacture of furniture	35	547	323	141	123	121	96	113	106	200	145	222	540	7	168	104	74	7	44	84	781
3211	Manufacture of jewellery and related articles		22	22			7			7	7	15	15	15		15	15	15				37
3212	Manufacture of imitation jewellery and related articles		7							7	7	7		7	7	7						7
	Total	160	1,423	654	393	400	244	242	280	288	582	469	565	1,304	82	454	264	254	37	102	221	2,024

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Table 4.2: Electricity, water and fuels consumed by industrial activity (ISIC R4), 2010 "000"

	Descriptions	Description						Total
		Electricity	Water	Gas	Fuel for machines and vehicles	Wood, charcoal and peat	Other fuels	
810	Quarrying of stone, sand and clay	4,457	0	0	3,343	0	365	8,165
893	Extraction of salt	0	273		24,248	2,442	1,669	28,632
1040	Manufacture of vegetable and animal oils and fats	2,333	0	0	0	0	171	2,504
1061	Manufacture of grain mill products	26,851	0	0	98,889	5,444	4,342	135,527
1071	Manufacture of bakery products	23,776	6,032	0	27,135	235,295	4,661	296,898
1074	Manufacture of macaroni, noodles, couscous and similar faring	3,628	599	0	56	6,509	64	10,855
1394	Manufacture of wearing apparel, except fur apparel	95,318	0	162	6,057	2,693	11,273	115,503
1410	Manufacture of footwear	360	0	0	0	0	0	360
1520	Sawmilling and planning of wood	13,760	53	4,092	405	0	360	18,670
1610	Manufacture of soap and detergents, cleaning and polishing p	1,320	0	0	1,811	0	0	3,131
2023	Manufacture of cement, lime and plaster	0	2,864	0	0	0	0	2,864
2394	Manufacture of articles of concrete, cement and plaster	51,521	48,047	0	11,330	0	13,035	123,933
2395	Manufacture of other non-metallic mineral products n.e.c.	5,010	220	0	0	0	0	5,230
2399	Manufacture of cutlery, hand tools and general hardware	4,624	272	0	4,533	16,913	0	26,343
2593	Manufacture of other fabricated metal products n.e.c.	45,345	0	0	639	11,968	2,339	60,291
2599	Manufacture of parts and accessories for motor vehicles	1,360	0	0	0	0	0	1,360
3100	Manufacture of furniture	89,232	50	74	5,116	0	4,056	98,528
3211	Manufacture of jeweler and related articles	3,013	0	2,880	0	0	0	5,894
3212	Manufacture of imitation jeweler and related articles	2,659	0	0	5,170	0	0	7,829
	Total	374,567	58,408	7,209	188,732	281,263	42,335	952,515

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Number of Person Engaged by District and Size, 2010

District	Persons engaged					
	1 - 2	3 - 4	5 - 6	7 - 8	9	Total
Kaskazini A	89.37	322.55	63.37	34.51	16.50	526.29
Kaskazini B	51.71	136.70	87.03	12.60	0	288.04
Kati	78.42	150.00	11.00	33.24	0	272.66
Kusini	22.18	110.78	0	0	0	132.96
Magharibi	382.00	841.26	246.38	282.44	77.82	1,829.89
Mjini	495.38	1,052.70	339.30	131.97	60.84	2,080.19
Wete	121.82	135.19	166.68	122.58	11.14	557.40
Micheweni	7.40	95.72	33.97	100.37	11.14	248.60
Chake Chake	64.50	247.21	52.63	30.80	36.32	431.46
Mkoani	57.07	96.10	58.01	20.79	0	231.98
Total	1,369.85	3,188.20	1,058.38	769.29	213.77	6,599.48

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

Number of Person Engaged by Region and Size, 2010

Region	Persons engaged					
	1 - 2	3 - 4	5 - 6	7 - 8	9	Total
Kaskazini Unguja	141.08	459.25	150.40	47.11	16.50	814.33
Kusini Unguja	100.60	260.78	11.00	33.24	0	405.63
Mjini Magharibi	877.38	1,893.95	585.68	414.41	138.66	3,910.09
Kaskazini Pemba	129.21	230.91	200.65	222.94	22.29	806.00
Kusini Pemba	121.57	343.30	110.65	51.59	36.32	663.43
Total	1,369.85	3,188.20	1,058.38	769.29	213.77	6,599.48

Source: Office of Chief Government Statistician, 2010 Annual Survey of Industrial production

FIGURES AND MAPS

Figure 1: Number of Establishment by activity and region (ISIC R4), 2010

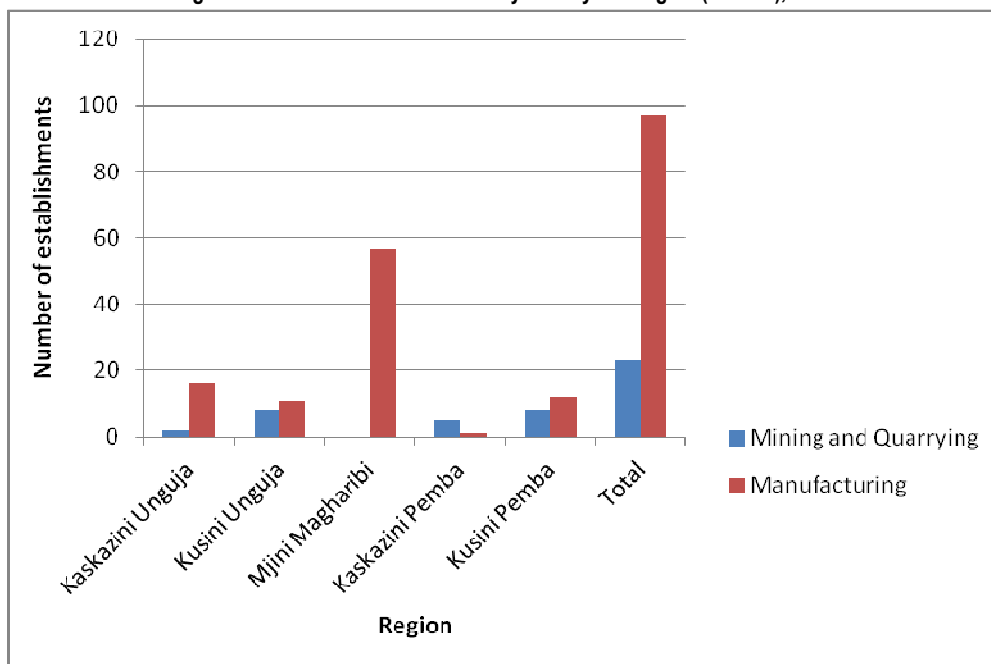


Figure 1: Number of Establishment by activity and origin of ownership (ISIC R4), 2010

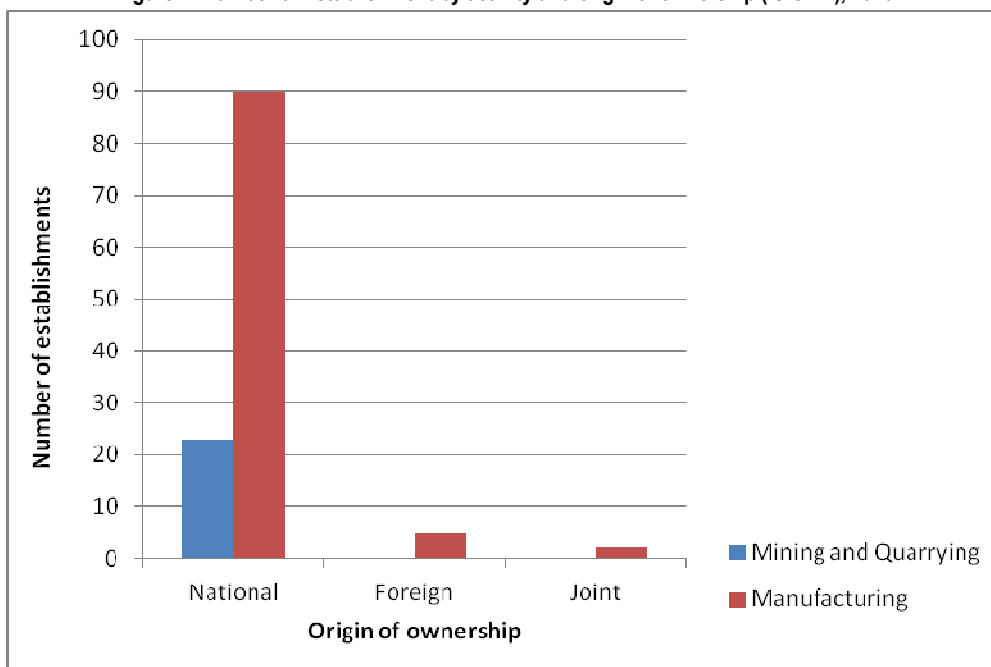


Figure 1: Number of Establishment by activity and form of ownership (ISIC R4), 2010

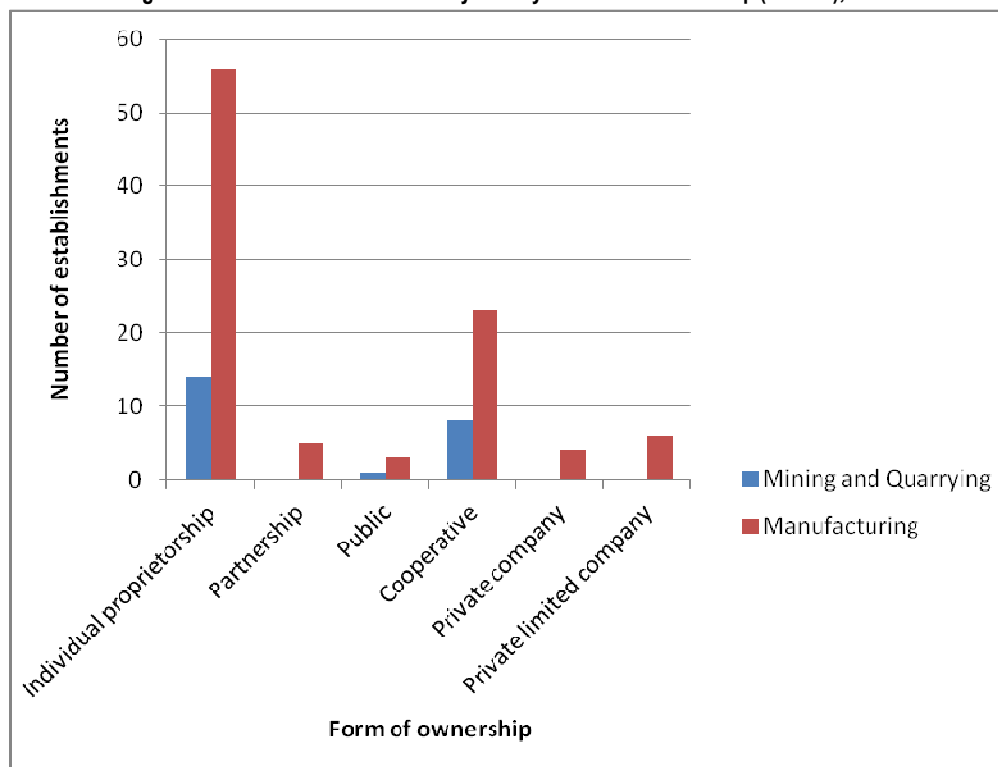


Figure 1: Number of Establishment by activity and size of establishment (ISIC R4), 2010

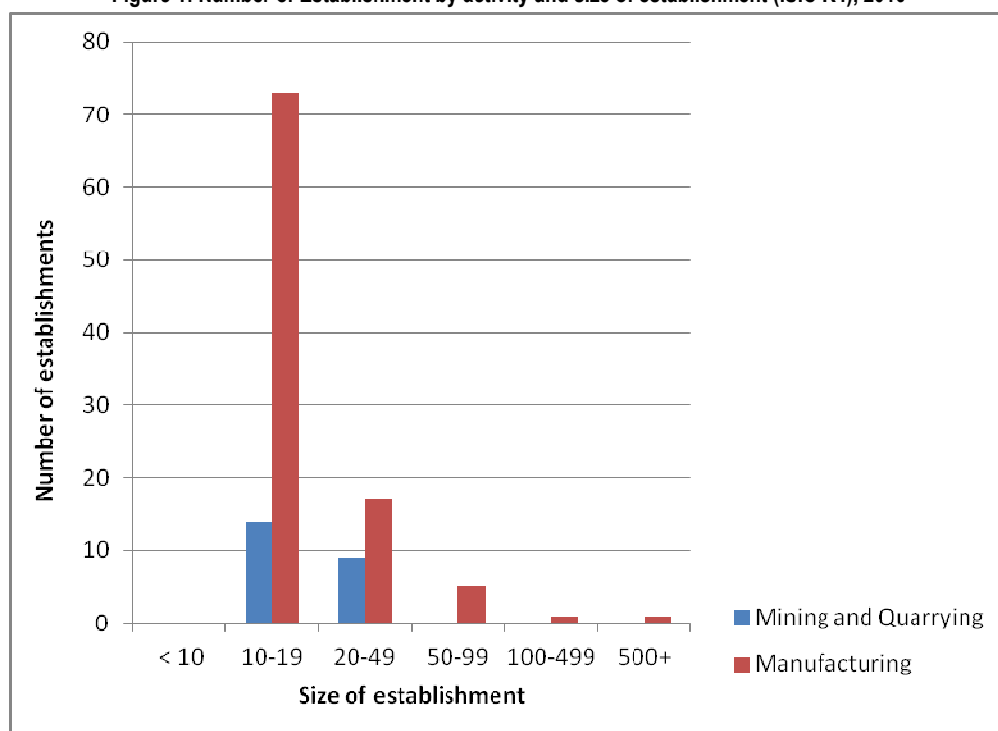


Figure 1: Percentage distribution of establishments by region (ISIC R4), 2010

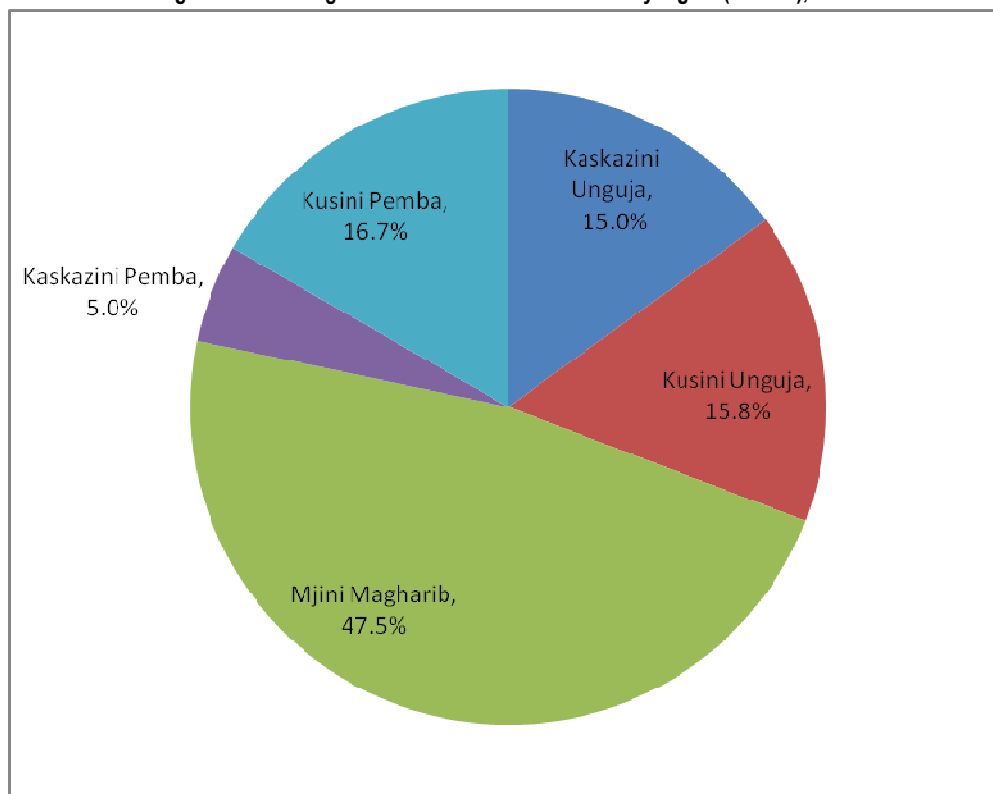


Figure 1: Percentage distribution of establishments by form of ownership (ISIC R4), 2010

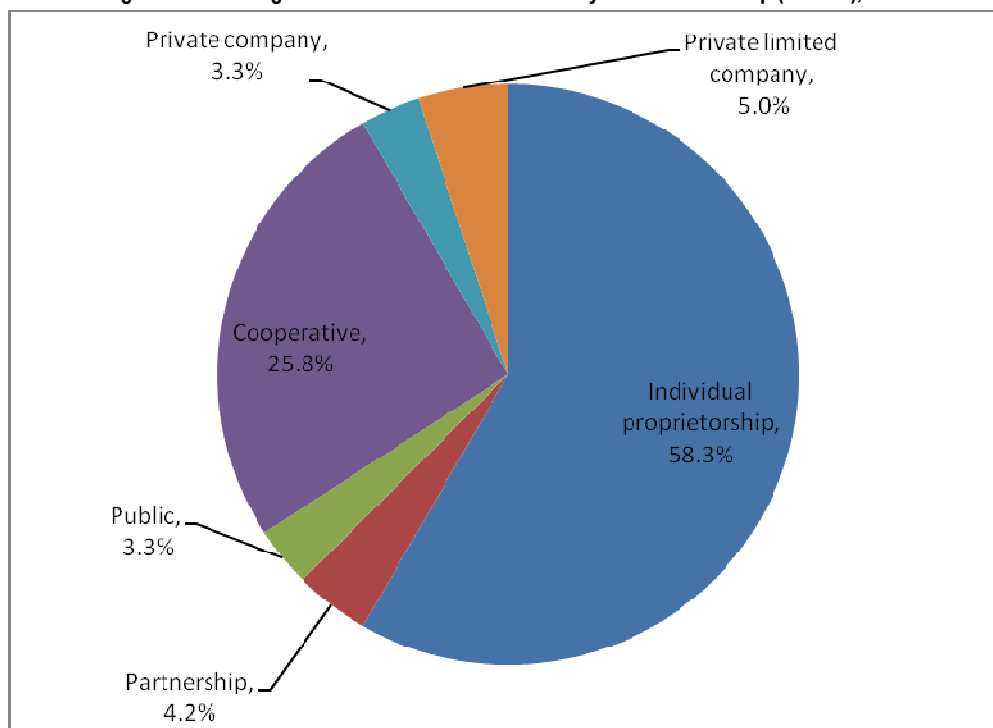
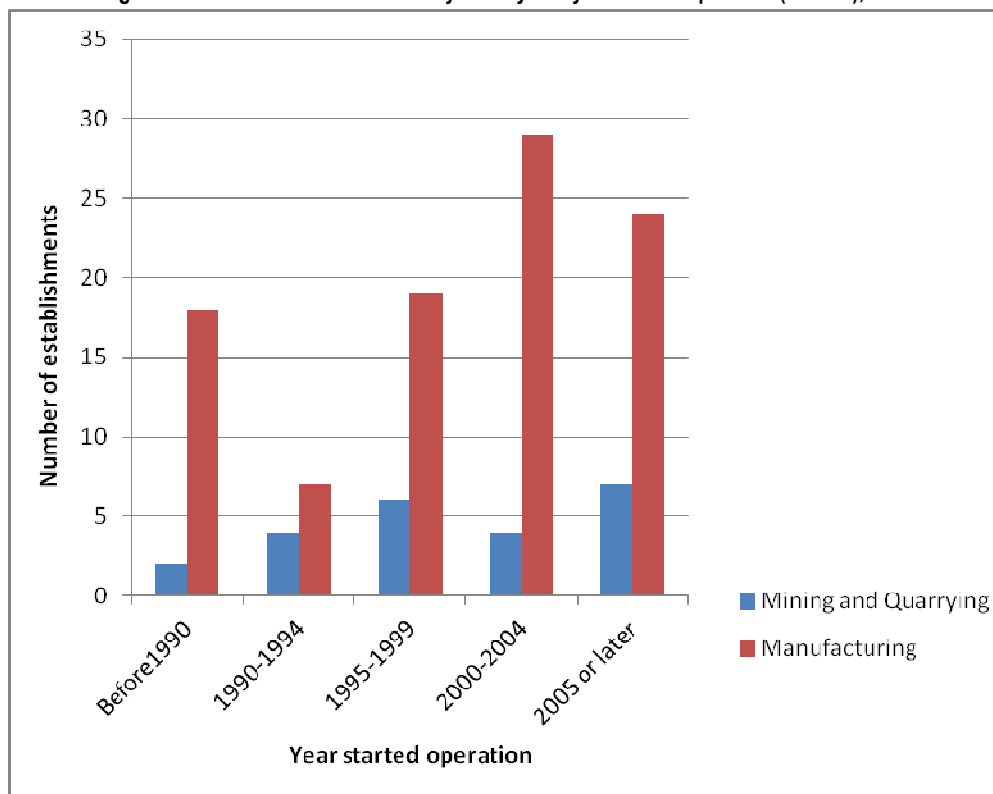
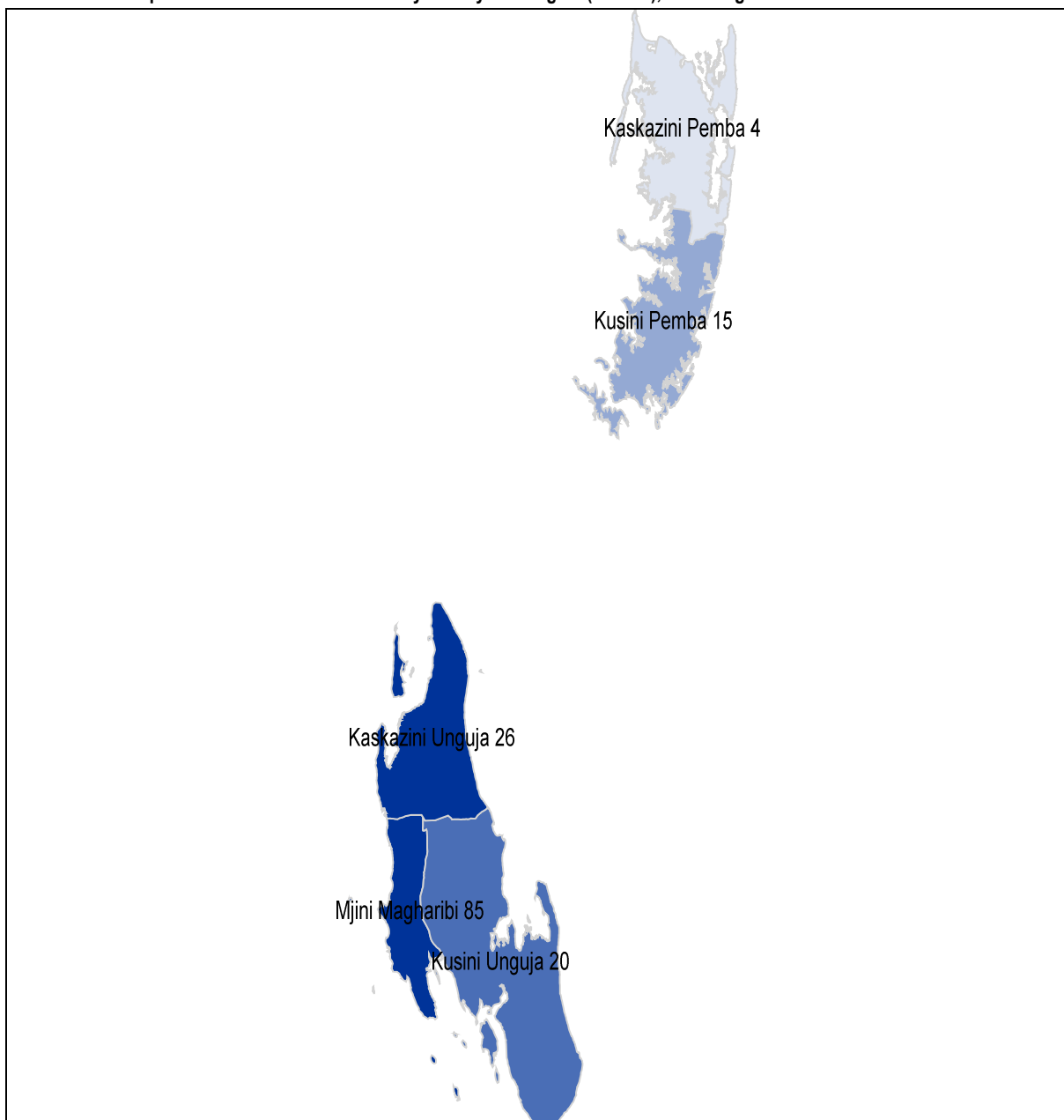


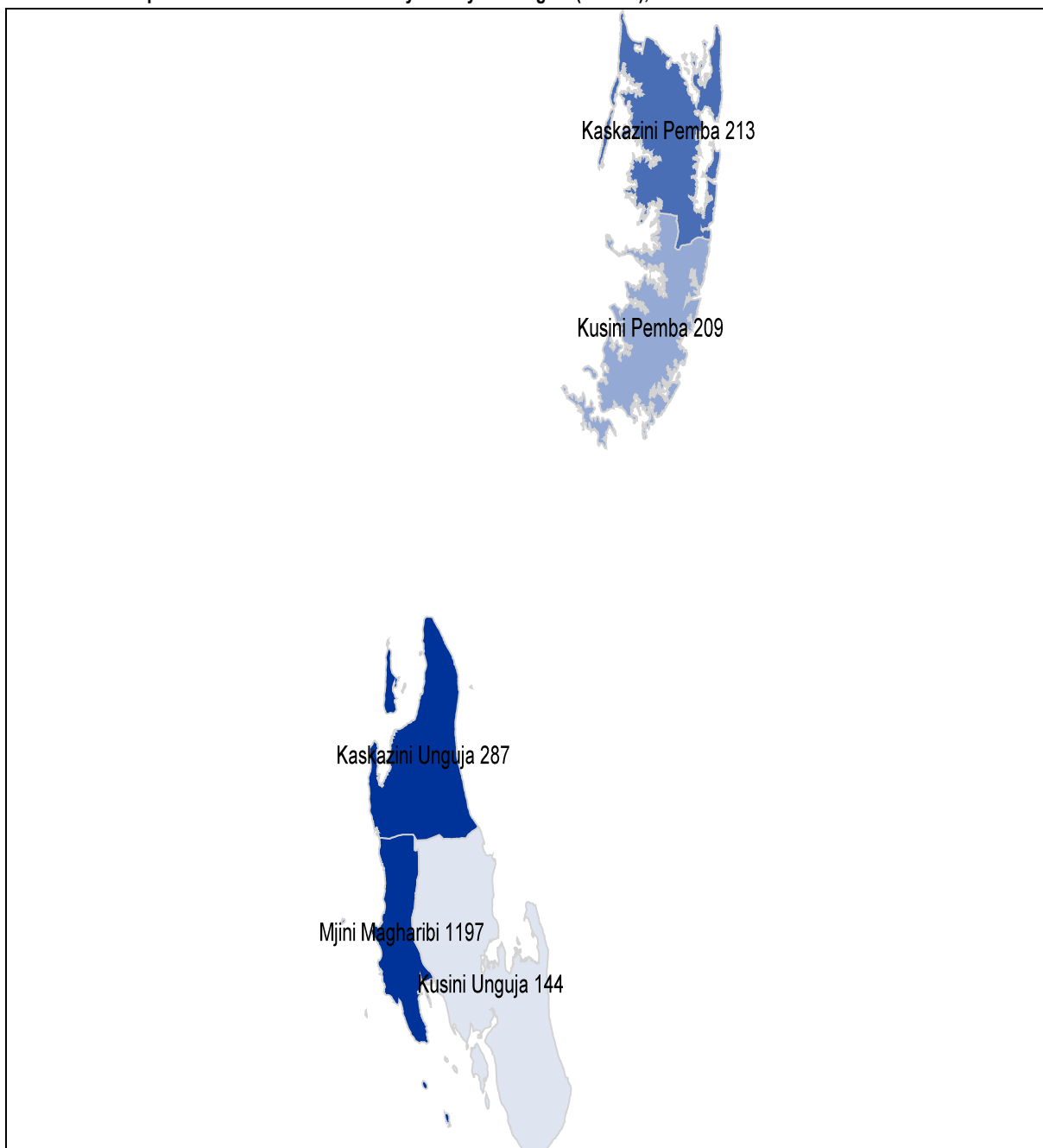
Figure 1: Number of establishments by activity and year started operation (ISIC R4), 2010



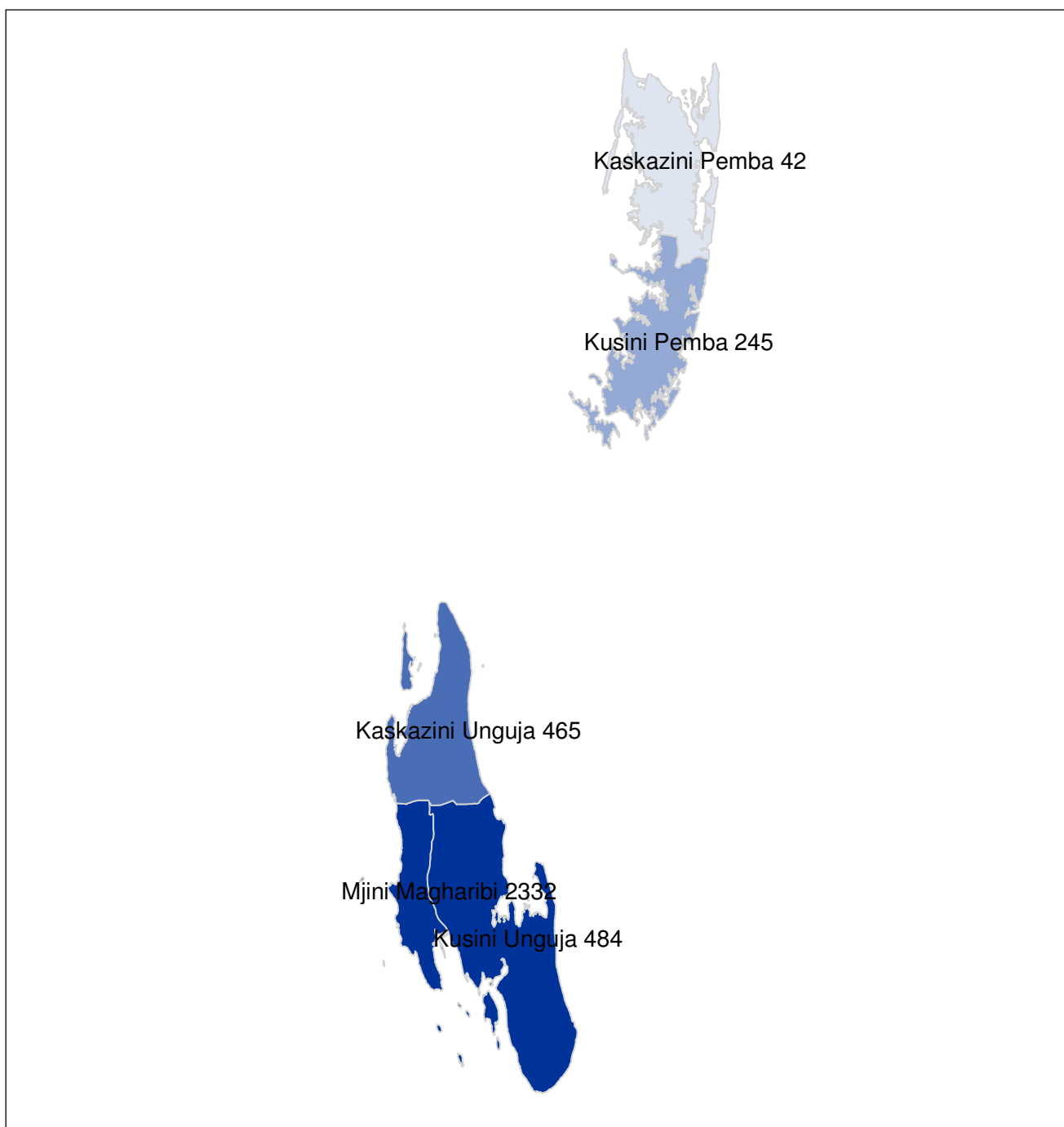
Map 1: Number of Establishments by activity and Region (ISIC R4), 2010 Large Industrial Establishment



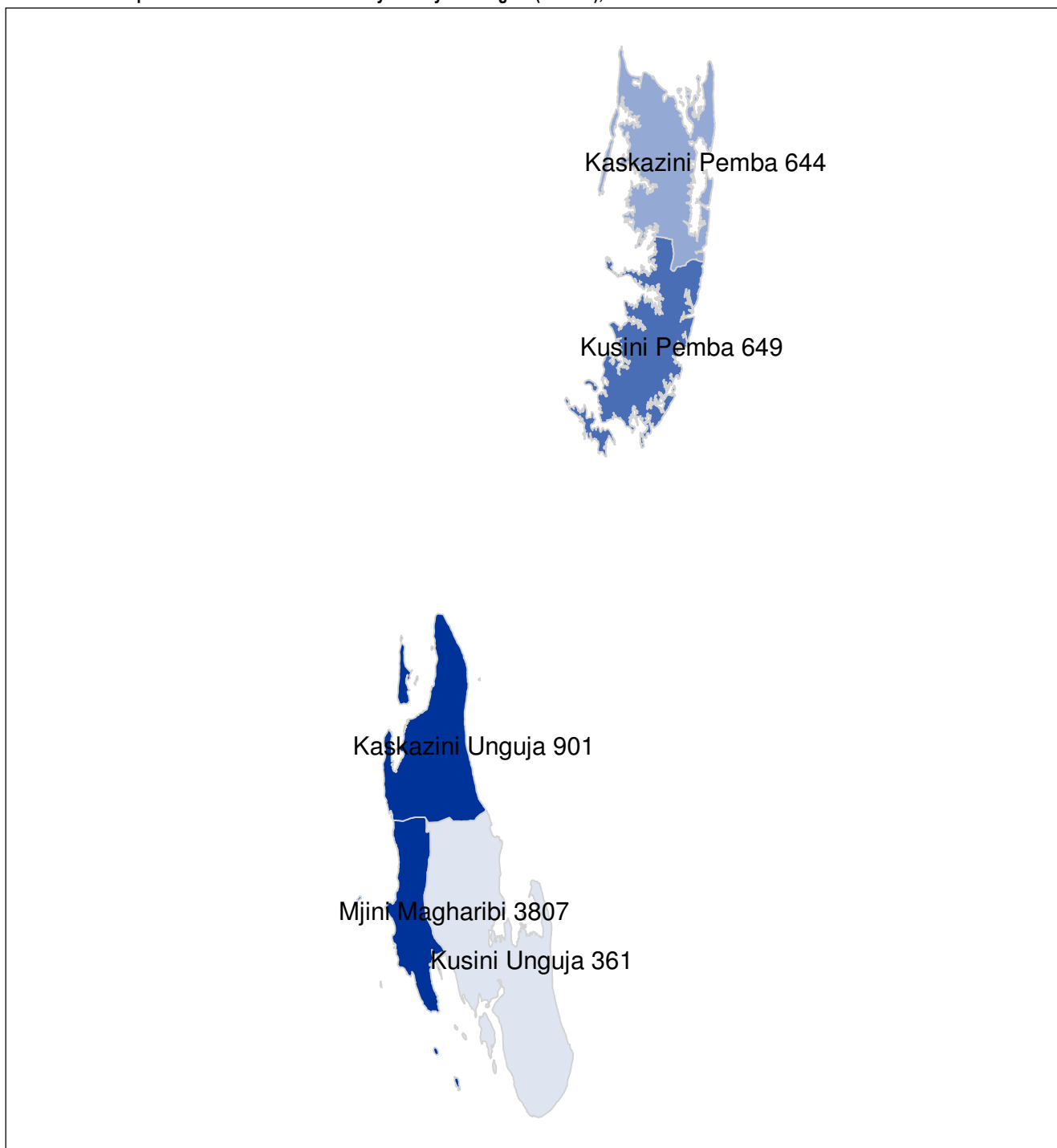
Map 2: Number of Establishments by activity and Region (ISIC R4), 2010 Small Industrial Establishment



Map 3: Number of Person Engaged by Region and Size, 2010 Large Industrial Establishment



Map 4: Number of Establishments by activity and Region (ISIC R4), 2010 Small Industrial Establishment



ANNEXES

Annex I: Questionnaire

CONFIDENTIAL

SERIAL NO.

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REGION

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ZANZIBAR REVOLUTIONARY GOVERNMENT

PRESIDENT OFFICE FINANCE, ECONOMIC AND DEVELOPMENT PLANNING

Office of the Chief Government Statistician

(P. O Box 2321, Zanzibar)

To,

The Manager,

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CENSUS OF INDUSTRIAL PRODUCTION, 2010

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 financial statement. In accordance with the Act, all information supplied in this return shall be treated as CONFIDENTIAL. Completion and return of this questionnaire within 15 days is compulsory. The information will be used for statistical purposes only and will not be communicated to any fiscal or other organisations. The figures should be taken from the accounts of the enterprise for the accounting year covering 2010. If precise figures are not available, please give best estimates you can.

Thanking you in anticipation

Yours faithfully,

.....
GOVERNMENT STATISTICIAN

Date:

PART I**1. Description of establishment****1.1 Name of establishment:****1.2 Mailing address:****1.3 Physical location of establishment:**

Town/Village:.....

Street/Shehia:.....

District:.....

Region:

1.4 Tel.:..... **1.5 Telex:**..... **1.6 Fax No :**..... **1.7 E-mail:****1.8 Name of contact person:**.....**Designation:**.....**Tel.:**.....**1.9 Period to which data in this questionnaire refer to:** from :..... to:**1.10 Activity of establishment:**

Principle activity:

ISIC 4

Other activity:

ISIC 4**1.11 Main products manufactured:**

(i)

(ii)

(iii)

1.12 Origin of ownership: (Please circle)

National 1

Foreign 2

Joint 3

1.13 Type of legal organisation: (Please circle)

Individual proprietorship ... 1

Cooperative ... 5

Partnership ... 2

Private company ... 6

Public ... 3

Private limited company ... 7

Parastatal ... 4

Other, specify..... 8

1.14 Source of finance: (multiple answers are allowed) Amount (T.Shs.)

1 Personal and relatives

2 Loans from banks and other credit institutions

3 Government

4 Other, specify.....

1.15 Tenure of building occupied (Please circle)

Owned 1

Other, specify..... 3

Rented 2

1.16 Number of vehicles owned by establishment and other transport equipments**1.17 Approximate floor area of premises (sq. metres)****1.18 Year started operation:**.....**1.19 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 2010	*	*	*	*	*	*
31 December 2010	*	*	*	*	*	*

2.2 Number of persons engaged as at 31 December 2010 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 (please exclude VAT)

4.1 Electricity, water and fuels consumed						
Description				Unit	Quantity	Value (T. Shs.)
4.11 Electricity				KWH	*	
4.12 Water				LITERS	*	
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							
						Value in T. Shs.	
Description		Unit	Imported		Local		
			Quantity	Value	Quantity	Value	
Other including stationery and spare parts							
Total				*		*	
4.3 Services consumed							
4.31 Industrial services							
Description					Amount (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. 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	Unit	Value in T. Shs.			
		Exported		Locally sold	
		Quantity	Value	Quantity	Value
Other					
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 Non-industrial services

Description	Amount (T.Shs.)
5.221 Rent received from buildings, machinery and other equipment	
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 in T. Shs.				
	Value at beginning	Additions	Sales	Depreciation during period	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

(multiple answers are allowed)					
Insufficient demand	1	Economic environment			10
Shortage of raw materials	2	High cost of production			11
High taxes	3	Financial problems			12
Insufficient production capacity	4	Foreign currency			13
Shortage of qualified labour	5	Inflation			14
Lack of equipment	6	Depreciation of currency			15
Transport problems	7	Illegal imports			16
Inadequate supply of electricity	8	Inadequate supply of water			17
Lack of production area	9	Visibility study			18
		Other, specify			19

Declaration:					
I hereby certify that the information supplied is correct and complete to the best of my knowledge					
Date:.....			Signature:.....		
Name of person to be contacted in case of queries :					
Telephone No.:.....			Enterprise official stamp (if any):.....		
SUPERVISOR		ENUMERATOR			

FOR OFFICIAL USE ONLY

MAIN STATISTICS - FOR EDITING PURPOSES		Value in 000's Shs
A. NO. OF EMPLOYEES (Total)	(Total 2.2 - Total 2.21 - Total 2.22)	<input type="text"/>
B. GROSS OUTPUT (G.O)		<input type="text"/>
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		<input type="text"/>
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)	<input type="text"/>
base check V.A/G.O (%)	D*100/B	.....
E. COMPENSATION OF EMPLOYEES (C.E)	(3-3.06-3.07)	<input type="text"/>
base 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	<input type="text"/>
G. SUBSIDIES	5.233	<input type="text"/>
H. GROSS OPERATING SURPLUS	(D - E - F)	<input type="text"/>

Annex II: Formulae for Derived Statistical Variables

**OFFICE OF THE GOVERNMENT STATISTICIAN, ZANZIBAR
INDUSTRIAL PRODUCTION SURVEY, 2010**

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: Concepts and Definitions Used in Questionnaire

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

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

- iv) **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 (**G.D.P.**). 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.
- v) **Basic price:** The basic price is the amount receivable by the producer exclusive of taxes on products and inclusive of subsidies on products.
- vi) **Purchasers' price:** The purchasers' price is the amount payable by the purchaser exclusive of deductible taxes on products (e.g. deductible value added tax).
- vii) **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.

Wages and salaries in cash include all payments which employees receive in respect of their work before deductions of employees' contributions to social security schemes. They include commissions, overtime payments, bonuses, cost of living allowance,

housing allowance, etc. Wages and salaries in kind are goods and services provided to employees free of charge or at a markedly reduced cost which are clearly of direct benefit to the employees as consumers.

Gross Operating Surplus: Gross operating surplus is defined as the excess of value added over the cost of employees' compensation.

Annex IV: Sample Design

A representative sample of 529 establishments (see table below) was selected from the sample frame of 2,163 establishments. It consisted of 155 establishments comprising all manufacturing establishments engaged 10 or more persons, all manufacturing establishments engaged five to nine persons was 116 which was a 22 percent sample of manufacturing establishments. The manufacturing establishment engaging less than five persons was 258 (49 percent of the total sample).

The sample was designed to provide sufficient level of precision for the survey estimates for each 4-digit ISIC domain. Moreover, the sample size for the survey was determined by the accuracy required for the survey estimates for each domain, as well as by resource and operational constraints.

Establishments covered by the 2010 Industrial Survey

ISIC Rev 4	No of establishments							
	Population				Sample			Total Coverage
	less than 5 workers	5 to 9	10 or more	Total	less than 5 workers	5 to 9	10 or more (all)	Total
08	10	26	28	64	10	26	28	64
10	134	42	29	205	23	15	29	67
13	614	27	16	657	70	11	16	97
15	20	0	2	22	10		2	12
16	10	11	2	23	5	5	2	12
18	41	6	5	52	13	6	5	24
21 & 22	6	1	3	10	6	1	3	10
23	40	48	26	114	10	26	26	62
24 & 25	136	37	8	181	25	12	8	45
31 & 32	709	124	36	869	86	14	36	136
Manufacturing	1720	322	155	2197	258	116	155	529

Annex V: Instructions for Filling in the Questionnaire

OFFICE OF THE GOVERNMENT STATISTICIAN, ZANZIBAR INDUSTRIAL PRODUCTION SURVEY, 2010

Instructions for filling in the questionnaire

INTRODUCTION

The Survey

Surveys of establishments taken at periodic intervals are an essential part of an integrated system of national industrial statistics. Besides providing information on the structure and level of activity, the Industrial Production Survey is also directed towards collecting data required for industrial planning and policy formulation as well as to meet the needs of numerous users inside and outside the Government. Sound policy decisions based on accurate data are of great significance to promote specific industries in the public as well as in the private sector.

Legal Authorisation

The Survey is being conducted according to provisions laid down under the Statistics Act No 9, 2007 which makes completion of this questionnaire obligatory. The same law ensures that the information given by an establishment is treated as **strictly confidential**. Enumerators are, therefore, not permitted to show completed questionnaires to any unauthorised persons or to make a copy of them, or to divulge directly or indirectly any information in respect of their contents.

Survey procedure

After identification of an establishment, the Enumerator is required to fill in Part I of the questionnaire and submit the whole questionnaire to the person responsible (Manager, Accountant, etc.) for completion of the remainder of the questionnaire, i.e. Part II. An appointment should then be taken with the appropriate person (identified for filling the questionnaire) for collection of the completed form or for any additional help needed. Please note that if detailed information is not available for small establishments (i.e. establishments with

less than 10 workers), the enumerator should try to obtain estimates for at least those items marked with asterisks.

NOTES FOR FILLING IN THE QUESTIONNAIRE

PART I

1.1 Name of establishment

Definition of an 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.

1.2 Mailing address

1.3 Physical location of establishment

This information is essential for the geographical tabulation of activities. Please make sure that the answer to this item relates to the actual physical location (i.e. the site of the plant) which may be different from the mailing address given at 1.2.

1.4 Telephone No.

1.5 Telex

1.6 Fax No.

1.7 E-mail

1.8 Name of contact person and designation

1.9 Period to which data in this questionnaire refer to:

Data to be reported in this questionnaire should, as far as possible, relate to the period, which covers the most of year 2010. If information is not yet available for that period, give available data covering the latest accounting period.

1.10 and 1.11 Activity of establishment and main products manufactured

The economic activity of an establishment is the final products it provides or the services it renders, e.g A copper mine produces copper ore. An engineering company, which manufactures pumps and machinery for agricultural use, has an activity, which is the manufacture of agricultural machinery. A grocery store provides a service, that of retailing.

This survey covers only those establishments falling under “Mining and Quarrying” and the Manufacturing Sector.

Please give details of the principal as well as the other secondary activities of the establishment including the name of the main products manufactured/produced.

1.12 Origin of ownership

National

Foreign

Joint

1.13 Type of legal organisation

Individual proprietorship for an establishment owned by an individual

Partnership for an establishment whereby two or more individuals put their capital together set up a business and shares the profits

Public - an establishment owned by the Government

Parastatals establishments are those belonging to companies in which the Government has a controlling interest,

Co-operatives are profit-making establishments whose profits are shared amongst its members.

Private company is a private business entity where the shares are held privately and with unlimited liabilities.

Private limited company is a private business entity where the shares are held privately and with limited liabilities

Other - please specify the type

1.14 Source of finance

1.15 Tenure of building

1.16 Number of vehicles owned by establishment

1.17 Approximate floor area of premises in square metres

1.18 Year started operation

1.19 Utilisation of capacity

Please give an estimated figure

PART II

2 EMPLOYMENT

2.1 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.

2.2 Number engaged as at 31st December 2010 by category

2.21 Working proprietors and partners

Working proprietors and partners are all individual proprietors and partners who are actively engaged in the work of the establishment without pay.

2.22 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.

Employees

Employees are persons who work in or for the establishment and receive pay, in cash or in kind.

2.23 Managerial and professional staff

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

2.24 & 2.25 Operatives, skilled and non-skilled

Operatives are persons who are directly engaged in the production or related activities of the establishment and who receive pay, in cash or in kind, at regular intervals. 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.

2.26 Other employees

These are persons who do not fall in the categories above such as gardeners and salesmen.

3. LABOUR COSTS

3.01 Gross wages and salaries

This category covers all payments including bonuses and gratuities, rations, housing allowances and educational expenses made, in cash, to employees before deduction of taxes and contribution to pension and life insurance schemes.

3.02 Overtime payments

3.03 Reimbursement of travel expenses

3.04 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

3.05 Employer's contribution to Social Security Schemes

This category covers payments made by the employer on behalf of his employees e.g., contribution to Social Security Schemes, Medical and Life Assurance Schemes, etc..

3.06 Training expenses

These include employer's cost for providing training.

3.07 Other labour costs

These include employer's cost for providing uniforms and welfare services (e.g canteen)

4 PURCHASES MADE DURING REFERENCE PERIOD

4.1 Electricity, water and fuels consumed

4.2 Goods purchased

4.21 Cost of goods sold as purchased

This item covers goods sold in the same condition as purchased i.e., without further processing or transformation. Please note the sale value of these products is to be reported at 5.223

4.22 Materials and supplies purchased

Included in this category are raw materials and other consumables including spare parts and components for repair and maintenance of machinery and equipment provided that their working life is less than 1 year. List the main materials used. All other materials are to be lumped together in the other category. Units of quantity are to be specified clearly. Please note that the valuation of products should be at delivered cost to the establishment inclusive of transport costs, excise duties and other indirect taxes but net of rebates and discounts received. **The value-added tax should, however, be excluded.** Value of imported materials and supplies should include landing charges, customs and import duties, stamp duties, surcharges, etc..

Purchases in respect of major capital repairs, construction of new fixed assets, or additions and improvements to existing one should be excluded. These should be reported as acquisition of fixed assets (section 7).

4.3 Services consumed

4.31 Industrial services

4.311 Contract and commission paid for work done on your materials

This item covers payments made for work done by others on materials owned by the reporting establishment during the accounting period. Payments to home workers should be included. Home workers are persons who work in their own home on materials provided by the establishment.

4.312 Cost of repairs and maintenance work

This category covers current minor repairs and maintenance works done by others on buildings and other fixed assets of the establishment (machinery, plant and other equipment including motor vehicles). **Major additions, alterations and improvement to existing assets, which significantly extend their expected lifetime, should not be included.**

4.32 Non-industrial services

4.321 Postage and other communication costs

Costs such as postage, telephone, internet and telegraph charges

4.322 Rental of buildings, machinery, plant and equipment

4.323 Storage and hire of transport

Amounts paid for storage or warehousing and hire of transport

4.324 Publicity and bank charges

4.325 Consultancy fees

Cost of business services such as advertising, legal, accountancy, marketing, bookkeeping, computing and other professional services

4.326 Other, non industrial services

4.4 Other expenses

4.41 Interests and dividends paid

4.42 Insurance paid

4.43 Income tax paid

4.44 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.

4.45 Other taxes on production

Examples are payments for licences including trade and vehicle licences, excise duties on own products and registration fees.

4.46 Other expenses

5 OUTPUT

5.1 Sales from own production

Quantity and value of main products and by-products produced and sold are to be indicated productise. Values of other products including fixed assets produced by the establishment for its own use are to be lumped together in the other category. Sales should be evaluated at producer's prices, i.e at the establishment prices charged to the customer. They include all duties and other taxes imposed on the products when they leave the factory, **with the exception of the value-added tax invoiced to the client**. Price rebates and discounts and allowances on returned goods allowed to the customer should be **deducted**.

5.2 Receipts from services rendered

5.21 Industrial services

5.211 Receipts from contract work done for others on their materials

Contract work consists of the processing, transformation or assembly of materials supplied by the units, which order the work.

5.212 Receipts from repair and installation work done for others

5.213 Other

5.22 Non-industrial services

5.221 Rent received

Revenue from the rental or lease of buildings, machinery and other equipment;

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

Includes revenue from operation of employee facilities (e.g canteens)

5.23 Other receipts

5.231 Interests and dividends received

5.232 Insurance premiums received

5.233 Subsidies received

5.234 Other

E.g., sales of scrap and refuse and value of electricity sold by the establishment, if any.

6 VALUE OF STOCKS

This section is designed to measure changes in stocks during the enquiry period as well as the level of stocks. Data should be shown on the value of stocks at the beginning and the end of the accounting period for the following:

6.1 Materials, supplies and fuels

This item should include the value of stocks of all materials, parts and components that enter into the product; fuels; and other consumable supplies. Materials owned by the establishment, but held by others for processing, should be **included**, whereas materials owned by others, but held by the establishment for processing are **excluded**.

6.2 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. Work in progress of own-account construction of fixed assets should be excluded.

6.3 Finished goods

This should include all goods made by the establishment, which are ready for sale.

6.4 Goods purchased for resale

This item covers the value of any stocks of goods that the establishment has bought with the intention of reselling in the same form, i.e without further processing or transformation.

7 VALUE OF FIXED ASSETS

This section is designed to provide the gross additions to fixed assets by category of fixed assets. The net depreciated book values of fixed assets as at the beginning and the end of the accounting period are to be given by the following categories:

7.1 Land

Land refers to all land used for buildings, shed, etc. and within the premises of the establishment where the economic activity is carried out. If information is not available separately for land and buildings, rough estimate may be provided.

7.2 Buildings and other construction works

This category also includes factories, offices and warehouses; elevators and other equipment, which form part of the buildings as well as any land improvements. The value of land before improvement is to be given at 7.1 and should not to be included here.

7.3 Transport equipment

7.4 Machinery and other equipment

This item includes all industrial machinery and other equipment such as construction machinery, cranes, fork-lift equipment and the like; power generating machinery; computers and other data-processing equipment; metalworking machinery; mining machinery; office machinery, equipment and furniture; and similar machinery and equipment and major renovations and alterations to these.

7.5 Other

All other fixed assets not included above such as library and laboratory apparatus are included under this item.

8 PROBLEMS ENCOUNTERED DURING REFERENCE PERIOD

Please list the main problems related to production and marketing activities that were encountered during the reference period.

Annex VI: References

Central Register of Establishment 2008 (OCGS)

International Standard Industrial Classification of All Economic Activities (ISIC). Rev. 4

GOZ: Zanzibar Growth Strategy (2006 – 2015)

The role of (SME) in Economic Development.

The Case of Zanzibar – Bank of Tanzania 2007 Zanzibar Branch.

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Vol. I / Vol. II

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The Rwanda Industrial and Mining Survey (RIMS), 2005 Survey Report.