# STATISTICAL ABSTRACT

# 2016

THE UNITED REPUBLIC OF TANZANIA

TANZANIA

# STATISTICAL ABSTRACT 2016

National Bureau of Statistics
Ministry of Finance and Planning
Dar es Salaam

**July 2017**

# Foreword

The 2016 Statistical Abstract of the National Bureau of Statistics (NBS) brings together statistical information relating to various social and economic sectors. The information presented in this Abstract is available in greater detail in other NBS publications.

This publication also includes a selection of statistics from other government, parastatal and private institutions. Institutions cited as sources may have additional statistical details and more information on concepts and definitions. Additional information on subjects covered in the tables may generally be obtained from the main source.

Statistics from censuses, surveys and administrative records are subject to errors arising from a number of factors such as sampling variability (for statistics based on samples); reporting errors in the data for individual units; incomplete coverage, non-response and imputations; and processing errors. Although many of these errors are corrected by careful processing procedures, some still remain. The effect of the remaining errors is generally slight, although they may be important for small groups in the population.

For additional information on data presented, please consult other sources available in NBS library, local libraries or write directly to the agency indicated in the source notes.

Efforts will continue to be made to improve the quality of this publication and to make it more relevant to as many users as possible. In this regard, comments or suggestions that may help NBS to improve this publication are very much welcome. In the meantime, we hope that the present publication will be of use to planners, policy makers, researchers, academicians and all those who need statistical information on Tanzania for evidence-based policy formulation and decision making at all levels.

I wish to extend my gratitude to all NBS staff and Editorial Board for compilation and editing of the report.

Dr. Albina Chuwa
**Director General**

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# General Notes

1. Where necessary, figures have been rounded off and for this reason there may be, in some tables, an apparent discrepancy between the sum of the constituent items and the total shown.

2. Throughout the tables, the following symbols are used:

| | |
|---|---|
| n.a. | means "not applicable” |
| 0 | means "nil or negligible" |
| - | means "data not available" |
| n.e.c | means "not elsewhere classified" |
| n.e.s | means "not elsewhere stated" |
| p | means “provisional/estimate” |
| r | means “revised” |

3. Except where otherwise stated, tonnes refer to metric tons of 1,000 kg. each

4. The unit of value is the Tanzania Shilling (TZS)

5. Certain figures published in previous issues have been revised in the light of later information.

# Abbreviations and Acronyms

| | |
|---|---|
| **BoT** | Bank of Tanzania |
| **CIF** | Cost Insurance and Freight |
| **COICOP** | Classification of Individual Consumption by Purpose |
| **Cu.M.** | Cubic Metre |
| **DWT** | Dead Weight Tonne |
| **FISIM** | Financial Intermediation Services Indirectly Measured |
| **FOB** | Free on Board |
| **GDP** | Gross Domestic Product |
| **GFCF** | Gross Fixed Capital Formation |
| **GNP** | Gross National Product |
| **GVA** | Gross Value Added |
| **GWH** | Giga Watt Hour |
| **IMR** | Infant Mortality Rate |
| **ISIC** | International Standard Industrial Classification |
| **JKU** | Jeshi la Kujenga Uchumi |
| **JNIA** | Julius Nyerere International Airport |
| **Ltr** | Litre |
| **MW** | Mega Watt |
| **Mill.** | Million |
| **Mtr** | Metre |
| **NGOs** | Non-Government Organizations |
| **OMR** | Optical Mark Reader |
| **RoW** | Rest of the World |
| **SDRs** | Special Drawing Rights |
| **SITC** | Standard International Trade Classification |
| **SMZ** | Serikali ya Mapinduzi Zanzibar |
| **Sq.Km.** | Square Kilometre |
| **TANAPA** | Tanzania National Parks |
| **TTCL** | Tanzania Telecommunications Company Limited |
| **TZS** | Tanzania Shilling |
| **U5MR** | Under Five-Mortality Rate |

# Highlights of Statistical Abstract 2016

The Statistical Abstract is an annual publication produced by the National Bureau of Statistics, which provides a summary of various statistics for Tanzania. Some figures in this publication vary from those presented in earlier editions due to updates.

## A: Land and Climate

### Land

Tanzania has a total area of 945,454 square kilometers (sq. kms).

Inland Water covers 61,500 sq. kms.

Land area is 883,954 sq. kms.

### Climate

The rainfall regimes in Tanzania are unimodal and bimodal. Unimodal regime occurs between November/December and April over Southern, Southwestern, Central and Western areas.

The bimodal rainfall regime has two rainy seasons, the long rainy season (*masika*) experienced between March and May and the short rainy season (*vuli*) occurring between October and December over the Northern Coast, Northeastern Highlands, Lake Victoria Basin and the Islands of Unguja and Pemba.

## B: Constitution and National Assembly

### Constitution

United Republic of Tanzania is a sovereign state made up of Tanganyika and Zanzibar. The two sovereign republics of Tanganyika and Zanzibar formed a political union on 26th April 1964. Interim Constitution was in use from 1965 and was replaced in 1977 with the constitution which is currently in use.

### The National Assembly

Composition of National Assembly as of December 2016:

- **Total seats** **386**
  - Elected 264
  - Reserved for women 110
  - Ex –officio 1
  - House of Representatives of Zanzibar 5
  - Nominated by the President 6

## C: Population

**According to the results of the 2002 Population and Housing Census (Tanzania Total**);

i) Total Population; 34.4 million
ii) Annual growth rate; 2.9 percent
iii) Population density; 39 persons per square kilometre,
iv) Population below 15 years of age; 44.2 percent
v) Total Fertility Rate; 6.3
vi) Sex ratio (males per 100 females); 96.0
vii) Life Expectancy at Birth for both sexes; 51 years

**According to the results of the 2012 Population and Housing Census (Tanzania Total)**;

i) Total Population; 44.9 million
ii) Population density (persons per square km.); 51
iii) Annual growth rate (percent); 2.7
iv) Population below 15 years ; 43.9 percent
v) Sex ratio (males per 100 females); 95.0
vi) Total Fertility Rate; 5.5
vii) Life Expectancy at Birth for both sexes; 62 years

## D: Labour Statistics

According to the Integrated Labour Force Survey 2014; agriculture/forestry and fishing activities accounted for 66.9 percent of the working population

Current Labour Force Status of Population of age 15 years orabove was as follows:

- Total labour force; 22,321,923 persons, total employed; 20,030,138 persons
- Youth Population (15 - 35 years) by Economic Activity Status:
  Employed 11,007,809 persons, unemployed 1,463,182 persons

## E: National Accounts

In 2016, Gross Domestic Product (GDP) at Current Market Price was TZS 103,744,606 million and was estimated to grow at 7.0 percent per annum.

The economic activity shares of 2016 Gross Domestic Product at current prices for Tanzania Mainland were

- 31.2 percent for Agriculture, Forest and Fishing
- 27.0 percent for Industry and Construction
- 41.9 percent for Services,

**Government Revenue and Expenditure**

In 2015/16 the Government collected domestic revenue amounting to TZS 14,048.0 billion. Tax revenue was TZS 12,410.9 billion, and non-tax revenue (grants, property income, sale of goods and services, fines and penalties) was TZS 1,211.2 billion.

In the same Financial Year, the Government spent a total amount of TZS 24,796.6 billion. Out of this amount, recurrent expenditure was TZS 12,796.1 billion and development expenditure was TZS 11,820.5 billion.

## F: Agriculture

Production for some of the food crops increased in 2016 compared to the previous year except for millet, banana and potatoes. As for cash crops there was a decrease in production in 2016 except for coffee and sisals.

## G: Industry

Production in selected Minerals in 2016 shows an increase in almost all minerals except Kaolin, Gypsum, Pazzolana, and Bauxite.

### Industrial Establishments with 10 or more workers

In 2016 there were 172,680 workers employed in industrial establishments with 10 or more workers. Out of that, 22,443 were employed in mining, 131,834 in manufacturing and 18,403 in electricity and water.

The total installed capacity of electricity in 2016 was 1,063.5 (MW), electricity generated was 7,092.2 (GWH), and electricity sold was 5,496.9 GWH.

## H: Construction

Production of cement for 2016 was 4,916,400 tonnes of which 194,338 tonnes were exported. The importation of cement was 1,306,732 tonnes and consumption of cement was 6,028,794 tonnes.

Cement consumption increase by 36.9 percent in 2016 compared to 7.9 percent in 2015

## I: Trade

The value of foreign trade in 2016 was TZS.29,433,076 million
Balance of merchandised trade was TZS. (4,858,559) million

## J: Transport and Communication

### Transport

**Regional roads**: Length of paved roads increased from 1,012 kilometers in 2015 to 1,080 kilometers in 2016 and length of unpaved roads increased from 19,450 kilometers in 2015 to 20,415 kilometers in 2016.
Air passengers (domestic) dencreased from 31,000 in 2015 to 28,000 passengers in 2016.

**Telecommunication**

Service providers: Fixed line operators were two and mobile operators were eight.
The number of subscribers increased from 35,928,712 in 2015 to subscribers 40,195,883 in 2016.

## K: Currency and Banking

A total commercial banks asset at the end of December 2016 wasTZS.29,457,605.6 Million Domestic Assets, TZS. 26,269,984.6 million and Foreign Assets TZS. 3,187,621.0 million

## L: Education

In Tanzania Mainland, the number of public and private primary schools in 2016 was 17,174
Total enrolment in public and private primary schools was 8,640 thousands.
In Tanzania Zanzibar, Total enrolment in public and private primary schools was 249,143

## M: Health

In 2016, total number of health facilities were 7,346 of which 5,431 were government owned and 1,865were private owned.

In 2016, there were 34,134,980 total patients; of which 32,359,145 were out-patients and 1,775,835 were in-patients. In Zanzibar the total patients were 399,378 of which out-patients were 339,631 and in-patients were 60,107.

## N: Hotels and National Parks

The country recorded a total of 991,593 tourists in 2016 of which 551,083 were visitors from outside the country and 440,510 were Tanzanians.
The most popularly visited national park in 2016 was Serengeti (with tourists 375,775), followed by Tarangire (208,658) and Lake Manyara (161,685).

## O: Retail Prices

Inflation rates for Tanzania Mainland were 5.2 percent in 2016 compared to an inflation rate of 5.6 percent recorded in 2015. In Tanzania Zanzibar the inflation was 8.4 percent in 2016 compared to 7.4 percent recorded in 2015;

## P: Crime

In 2016 there were 639,274 criminal cases and 2,210,739 traffic cases.
Tanzania Mainland; 629,198 criminal cases and 2,190,014 traffic cases
Tanzania Zanzibar: 9,976 criminal cases and 20,725 traffic cases.

## Q: Investments

Total service rendered by the Tanzania Investment Center in 2012 was 10,377 compared to 11,098 in 2011.

Value of Foreign Direct Investment in 2012 was US$ 1,806 million and US$ 1,320in 2011
Value of Foreign Direct Investment Capital was US$ 1872.4 in 2013 and US$ 1,799.6 in 2012

## R: Environment Statistics

The distributions of Forest by type of forest indicate that 93.0 percent is woodland.
Looking at forest use, it can be observed that 60.3 percent used for production and about 39.7 percent is protected

In 2016, the number of fishers in both marine and fresh water was 203,529, fishing crafts 59,338 and production was 362,595 tons.
About 57,365 $km^2$ is area under National Parks

## S: Other Statistics

Key indicators of 2007 and 2011/12 Household Budget Survey (HBS)
Percentage of consumption expenditure on food was 56 in 2011/12 HBS compared to 51 in 2007 HBS.

Percentage of population below the food poverty line was 10 in 2011/12 HBS compared to 12 in 2007 HBS.

Percentage of population below the basic needs poverty line was 28 in 2011/12 HBS compared to 34 in 2007 HBS.

Gini Coefficient (uneven distribution of income) was 0.34 in 2011/12 HBS compared to 0.37 in 2007 HBS.

# A:

# LAND AND CLIMATE

# A. Land and Climate

**Tanzania Mainland**

Tanzania Mainland has a total area of 942,800 sq. kms of which 881,300 sq. kms are land area and 61,500 sq. kms are inland water. A distinctive feature of Tanzania Mainland is the rift valley whose form is marked in many places by long, narrow and deep depressions often filled with lakes. The Great Rift Valley runs from near Zambezi River in Zimbabwe Northward through Tanzania, Kenya, Ethiopia and across the Red Sea to Israel. Lake Tanganyika lies in the western rift which continues northwards through Lake Kivu.

Many rivers flow into the Indian Ocean or the great lakes. However some of them cease flowing during the dry season, and only the Rufiji, entering the Indian Ocean opposite Mafia Island and the Kagera, flowing into Lake Victoria, are navigable by anything larger than a canoe.

Lake Tanganyika drains into the Congo River system then into the Atlantic Ocean. Lake Nyasa waters reach the Zambezi River, then the Indian Ocean. Lake Victoria which differs from other major lakes of Tanzania in that it has been formed by a gentle down-warping of the earth's crust in a shallow subsidence, drains into the Nile, then into the Mediterranean Sea.

Woodland, bush land and wooden grasslands, are the predominant types of vegetation in Tanzania Mainland. The main climatic feature is the long dry spell from May to October, followed by a period of low rainfall, which is often concentrated into relatively few days of heavy showers.

The main rainy season on the coast is from March to May but there is a second season from October to December. Total rainfall increases towards the north. Around Lake Victoria, the rainfall is well distributed throughout the year but the peak is from March to May.

**Tanzania Zanzibar**

Tanzania Zanzibar is made up of Unguja and Pemba islands. It lies off the eastern coast and is situated in the Indian Ocean, some 30 kilometers from the mainland of Tanzania. It is a low-lying island of coral formation, of about 2,654 square kilometers of which Unguja island covers 1,666 square kilometers and Pemba Island covers the remaining 988 square kilometers. Coconuts, cloves, chillies, copra and seaweed are grown for export; fishing is also important to the local economy. The island's leading port and largest town is Zanzibar; located on the western coast, it has a fine harbour with docking facilities for both passenger and cargo vessels.

**Table A. 1.: Area of Tanzania**

| Item | | Sq. Kms | Name of Lakes | | Sq. Kms |
|---|---|---|---|---|---|
| **Tanzania Mainland (total area)** | …… | **942,800** | Victoria | ……. | 34,800 |
| Land area | …… | 881,300 | Tanganyika | ……. | 13,350 |
| Water area | …… | 61,500 | Nyasa | ……. | 5,600 |
| | | | Rukwa | ……. | 2,850 |
| **Tanzania Zanzibar (total land area)** | …… | **2,654** | Eyasi | ……. | 1,050 |
| Unguja | …… | 1,666 | Natron | ……. | 900 |
| Pemba | …… | 988 | Manyara | ……. | 500 |
| | | | Other water bodies | ……. | 2,450 |
| **Tanzania** | …… | **945,454** | **Total** | ……. | **61,500** |

**Source:** University of Dar es Salaam, Department of Geography

## Analysis of Rainfall and Temperature for Tanzania

### Rainfall

Tanzania is characterized by two rainfall regimes: namely unimodal and bimodal rainfall regimes. Seasonal rains for the unimodal regime occur between November/December and April over the Southern, Southwestern, Central and Western areas of the country. The bimodal rainfall regime has two rainy seasons, the long rainy season (*masika*) experienced between March and May and the short rainy season (*vuli*) occurring between October and December over the Northern coast, Northeastern Highlands, Lake Victoria Basin and the Islands of Unguja and Pemba.

In 2016 some areas around Lake Victoria Basin, Coast and in Manyara Region received more rainfall especially during the long rainy season as it can be seen in meteorological stations such as Bukoba, Mwanza, Mtwara and Tanga (see Rainfall Table A4). Other parts of the country received near normal to below normal rainfall.

### Temperature

Temperature conditions were expressed as mean maximum and mean minimum air temperatures. Observed annual average lowest minimum temperature during 2016 was 5.9ºC in Mbeya. Stations which were below 15ºC include Kilwa (8.9$^0$C), Dodoma (11.5$^0$C, Tabora (11.8$^0$C), Same (12.2$^0$C) and Iringa (13.3$^0$C. The highest annual average maximum air temperature of 33.7ºC was observed at Tanga followed by Kibaha and Zanzibar stations (34.6$^0$C each), Kilimanjaro (33.2ºC) and Dar es Salaam (33.0ºC).(tables A.9 and A.10).

**Table A. 2: Mean Rainfall (millimetres) for Selected Stations, Tanzania, 2014**

| Station | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dodoma | 162.4 | 28 | 91.5 | 20.5 | 0 | 0 | 0 | 0 | 1.8 | 3.9 | 59.5 | 122.1 | 489.7 |
| Arusha | 14.3 | 182.4 | 160.3 | 364.9 | 85.6 | 9.8 | 0 | 0 | 50 | 8.7 | 150.6 | 161.9 | 1,188.5 |
| Kilimanjaro | 1 | 81.7 | 109.2 | 102.9 | 72.5 | 6.6 | 0 | 0.1 | 13.2 | 3.3 | 60.7 | 50.5 | 501.7 |
| Tanga | 0.7 | 59.6 | 130.8 | 144.1 | 286.8 | 56.1 | 59.5 | 94.3 | 21.5 | 104.4 | 142.9 | 64.6 | 1165.3 |
| Morogoro | 56 | 65 | 185.7 | 231 | 113 | 24 | 13 | 10.8 | 9.1 | 87.4 | 43.6 | 155.2 | 993.8 |
| Kibaha | 10.2 | 178.7 | 266.6 | 432.3 | 91.7 | 5.9 | 0.8 | 6.7 | 32.7 | 4.6 | 40 | 105.3 | 1,175.5 |
| Dar es Salaam | 0.9 | 80.6 | 426.3 | 449.2 | 154.5 | 4.2 | 7.9 | 0.5 | 60.8 | 20.1 | 33.9 | 40 | 1,278.9 |
| Kilwa | 59.1 | 187.1 | 181 | 236.3 | 140.4 | 1.1 | 6.1 | 0 | 18.8 | 0.3 | 22.4 | 52.6 | 905.2 |
| Mtwara | 65.9 | 304.6 | 239.7 | 194.7 | 3.2 | 13.2 | 0.4 | 3.3 | 4.9 | 0.5 | 80.5 | 113 | 1,023.9 |
| Songea | 384.8 | 172.7 | 196.6 | 141.8 | 2.8 | 0.6 | 0 | 4 | 3.3 | 24 | 130.2 | 132.7 | 1193.5 |
| Iringa | 194.3 | 157.7 | 157.1 | 79.7 | 0 | 3.1 | 0 | 0 | 0 | 16.1 | 70.3 | 223.3 | 901.6 |
| Mbeya | 258.3 | 363.9 | 135.8 | 127.1 | 5.3 | 0 | 0 | 0 | 0 | 26 | 51.6 | 180.3 | 1,148.3 |
| Singida | 210.6 | 109.1 | 93.9 | 17.7 | 1 | 0 | 0 | 0 | 0.4 | 52.9 | 52.1 | 240.5 | 778.2 |
| Tabora | 112.6 | 133.6 | 140.1 | 36.9 | 2.9 | 8.1 | 0 | 0 | 2.5 | 65.7 | 109 | 215.1 | 826.5 |
| Sumbawanga | 99 | 92.6 | 112.5 | 60 | 2.4 | 0 | 0.8 | 5 | 0 | 35.7 | 102.2 | 51.2 | 561.4 |
| Kigoma | 43.8 | 70.1 | 152.3 | 147.3 | 0 | 0 | 0 | 21.7 | 73.1 | 157.4 | 150.7 | 60.1 | 876.5 |
| Bukoba | 115.5 | 72.5 | 310.1 | 419.4 | 268.2 | 133.4 | 28.9 | 71.3 | 227 | 167.9 | 223.2 | 189.8 | 2,227.2 |
| Mwanza | 137.7 | 74.1 | 90 | 95.7 | 17.3 | 0.6 | 11.6 | 38.7 | 64.5 | 167.8 | 153.1 | 120.3 | 971.4 |
| Musoma | 8.2 | 18.8 | 178.8 | 79.5 | 158.7 | 12.6 | 4.6 | 107.8 | 10.1 | 97.8 | 54.1 | 71.7 | 802.7 |
| Manyara (Babati) | 116.9 | 94.7 | 152.3 | 57.9 | 40.9 | 1.7 | 0 | 1.6 | 9.8 | 5.4 | 75.7 | 242 | 798.9 |
| Shinyanga | 122.3 | 79.7 | 145.3 | 96.4 | 0 | 0 | 1.4 | 7.7 | 39.8 | 147.7 | 70.6 | 57.2 | 768.1 |

**Source:** Tanzania Meteorological Agency

**Table A. 3: Mean Rainfall (millimetres) for Selected Stations, Tanzania, 2015**

| Station | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dodoma | 64.2 | 46.0 | 10.9 | 46.9 | 30.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 66.9 | 187.2 | 452.2 |
| Arusha | 43.0 | 27.4 | 63.6 | 154.3 | 122.7 | 1.4 | 2.2 | 0.7 | 0.1 | 0.5 | 229.7 | 56.2 | 701.8 |
| Kilimanjaro | 35.7 | 54.6 | 49.0 | 182.2 | 85.6 | 2.4 | 4.5 | 1.1 | 0.3 | 10.4 | 28.7 | 28.3 | 482.8 |
| Tanga | 1.2 | 60.0 | 170.3 | 218.6 | 293.1 | 33.6 | 111.2 | 98.7 | 126.4 | 70.4 | 367.6 | 68.5 | 1619.6 |
| Morogoro | 87.6 | 32.7 | 138.0 | 128.5 | 92.2 | 0.0 | 16.7 | 5.6 | 0.6 | 11.8 | 75.3 | 73.9 | 662.9 |
| Kibaha | 75.9 | 10.4 | 222.3 | 195.1 | 256.6 | 5.3 | 12.3 | 12.1 | 0.1 | 7.0 | 98.5 | 5.7 | 901.3 |
| Dar es Salaam | 50.1 | 0.8 | 226.2 | 161.0 | 342.5 | 3.5 | 8.7 | 20.9 | 11.0 | 15.5 | 132.6 | 66.1 | 1038.9 |
| Kilwa | 83.8 | 98.5 | 391.7 | 80.6 | 100.4 | 6.2 | 0.0 | 0.0 | 1.9 | 49.0 | 89.4 | 56.6 | 958.1 |
| Mtwara | 321.8 | 96.4 | 303.3 | 63.0 | 86.3 | 0.8 | 4.0 | 1.1 | 0.2 | 20.1 | 35.7 | 139.3 | 1072.0 |
| Songea | 306.0 | 75.2 | 123.5 | 86.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 3.2 | 36.5 | 220.6 | 852.3 |
| Iringa | 121.2 | 111.5 | 68.6 | 60.8 | 14.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 75.4 | 103.3 | 555.4 |
| Mbeya | 215.8 | 127.3 | 165.2 | 94.2 | 16.4 | 0.5 | 0.0 | 0.0 | 2.0 | 14.3 | 58.4 | 181.9 | 876.0 |
| Singida | 130.0 | 43.0 | 24.7 | 158.8 | 6.0 | 0.0 | 0.8 | 0.0 | 0.0 | 9.0 | 89.0 | 167.0 | 628.3 |
| Tabora | 188.3 | 82.6 | 122.6 | 150.5 | 16.2 | 0.0 | 0.0 | 0.0 | 0.0 | 54.0 | 149.2 | 194.0 | 957.4 |
| Sumbawanga | 140.7 | 146.0 | 75.3 | 79.3 | 14.5 | 0.0 | 0.0 | 0.0 | 0.0 | 9.5 | 141.7 | 151.1 | 758.1 |
| Kigoma | 81.5 | 117.8 | 113.7 | 113.9 | 25.2 | 0.0 | 0.0 | 0.0 | 4.4 | 140.8 | 173.2 | 181.1 | 951.6 |
| Bukoba | 102.1 | 60.8 | 160.9 | 293.9 | 329.0 | 29.7 | 41.4 | 85.4 | 51.8 | 168.8 | 325.5 | 105.8 | 1755.1 |
| Mwanza | 45.8 | 36.4 | 62.6 | 421.0 | 50.2 | 48.2 | 0.0 | 0.0 | 54.2 | 219.4 | 343.1 | 249.8 | 1530.7 |
| Musoma | 9.1 | 16.6 | 62.6 | 343.8 | 159.2 | 25.8 | 1.8 | 3.3 | 9.9 | 54.9 | 216.4 | 134.6 | 1038.0 |
| Manyara (Babati) | 115.0 | 93.7 | 161.2 | 175.6 | 45.0 | 2.4 | 0.0 | 0.0 | 0.0 | 9.3 | 90.0 | 151.0 | 843.3 |
| Shinyanga | 169.1 | 71.0 | 82.5 | 208.9 | 28.3 | 18.0 | 0.0 | 0.0 | 0.0 | 37.8 | 92.1 | 182.8 | 890.5 |

**Source:** Tanzania Meteorological Agency

**Table A. 4: Mean Rainfall (millimetres) for Selected Stations, Tanzania, 2016**

| Station | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dodoma | 179.5 | 135.7 | 108.8 | 110.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 8.5 | 545.2 |
| Arusha | 63.7 | 107.0 | 125.1 | 169.9 | 11.3 | 10.0 | 0.0 | 1.4 | 2.3 | 11.4 | 69.3 | 32.5 | 603.9 |
| Kilimanjaro | 60.8 | 20.5 | 68.7 | 273.8 | 25.2 | 11.7 | 0.0 | 2.3 | 0.5 | 3.1 | 8.8 | 17.1 | 492.5 |
| Tanga | 145.0 | 2.0 | 62.9 | 366.6 | 48.4 | 33.3 | 6.6 | 50.4 | 87.7 | 10.3 | 146.8 | 43.6 | 1,003.6 |
| Morogoro | 194.6 | 122.9 | 111.5 | 294.6 | 20.8 | 41.0 | 24.3 | 7.0 | 0.0 | 0.9 | 21.7 | 14.9 | 854.2 |
| Kibaha | 113.2 | 76.2 | 42.2 | 326.0 | 0.5 | 3.0 | 5.3 | 6.6 | 17.9 | 0.0 | 38.5 | 47.6 | 677.0 |
| Dar es Salaam | 154.2 | 98.7 | 56.2 | 352.8 | 8.6 | 3.5 | 1.9 | 4.3 | 26.8 | 0.1 | 49.6 | 26.2 | 782.9 |
| Kilwa | 175.2 | 176.8 | 76.5 | 245.3 | 0.0 | 0.0 | 0.1 | 1.0 | 1.9 | 4.3 | 30.8 | 43.4 | 755.3 |
| Mtwara | 494.1 | 230.8 | 274.3 | 282.4 | 5.0 | 3.5 | 0.0 | 0.2 | 7.0 | 21.3 | 14.3 | 121.9 | 1,454.8 |
| Songea | 238.4 | 187.1 | 108.5 | 72.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 81.2 | 159.2 | 846.7 |
| Iringa | 340.4 | 109.9 | 32.8 | 193.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 81.1 | 757.6 |
| Mbeya | 295.1 | 249.9 | 158.6 | 151.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.2 | 87.8 | 952.6 |
| Singida | 161.7 | 156.8 | 104.8 | 141.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.6 | 4.3 | 91.2 | 689.4 |
| Tabora | 255.9 | 166.5 | 87.8 | 212.2 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 24.1 | 82.0 | 80.7 | 911.6 |
| Sumbawanga | 187.4 | 119.2 | 95.6 | 61.9 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 7.3 | 45.9 | 216.1 | 735.0 |
| Kigoma | 199.9 | 118.3 | 97.2 | 102.2 | 47.8 | 0.5 | 0.0 | 0.0 | 9.7 | 48.7 | 119.2 | 170.0 | 913.5 |
| Bukoba | 71.8 | 98.7 | 161.8 | 471.0 | 216.6 | 0.2 | 1.0 | 53.5 | 32.0 | 89.1 | 138.5 | 118.7 | 1,452.9 |
| Mwanza | 207.1 | 88.6 | 183.2 | 152.3 | 66.7 | 62.7 | 8.6 | 4.7 | 43.1 | 55.5 | 118.4 | 48.4 | 1,039.3 |
| Musoma | 116.6 | 18.1 | 53.2 | 176.4 | 53.7 | 3.5 | 3.5 | 9.6 | 15.9 | 44.0 | 112.7 | 20.0 | 627.2 |
| Manyara | 179.8 | 200.6 | 370.2 | 470.8 | 28.0 | 0.0 | 0.0 | 1.6 | 0.0 | 0.0 | 37.3 | 102.6 | 1,390.9 |
| Shinyanga | 165.1 | 130.8 | 254.2 | 122.8 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 | 29.3 | 21.8 | 55.8 | 784.8 |

**Source:** Tanzania Meteorological Agency

**Table A. 5: Mean Maximum Temperature (ºC) for Selected Stations, Tanzania, 2014**

| Station | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dar es Salaam | 33.4 | 32.5 | 32.3 | 31.4 | 30.6 | 31.1 | 30.4 | 31.8 | 30.6 | 32.6 | 33.6 | 33.6 |
| Kibaha | 33.3 | 31.9 | 31.8 | 30.7 | 29.7 | 29.8 | 30.0 | 30.7 | 30.0 | 31.3 | 32.9 | 32.7 |
| Zanzibar | 33.8 | 32.6 | 31.8 | 30.6 | 29.5 | 29.6 | 29.4 | 29.5 | 29.7 | 31.3 | 31.4 | 32.1 |
| Tanga | 32.4 | 31.3 | 32.2 | 31.5 | 29.9 | 29.8 | 29.2 | 29.1 | 29.5 | 30.8 | 31.8 | 32.3 |
| Mtwara | 30.7 | 30.0 | 30.8 | 30.7 | 30.3 | 29.9 | 30.0 | 30.7 | 30.6 | 31.7 | 32.2 | 31.2 |
| Shinyanga | 29.4 | 28.7 | 30.1 | 30.0 | 30.9 | 30.5 | 30.2 | 30.8 | 32.4 | 31.1 | 32.0 | 30.3 |
| Kilwa | 31.9 | 30.8 | 30.9 | 30.5 | 30.1 | 29.7 | 29.2 | 30.4 | 29.2 | 30.3 | 30.0 | 31.8 |
| Kilimanjaro | 34.4 | 31.5 | 31.7 | 29.9 | 26.7 | 26.9 | 26.9 | 29.0 | 29.0 | 32.3 | 33.1 | 32.5 |
| Morogoro | 28.3 | 28.6 | 29.6 | 29.6 | 30.3 | 30.1 | 30.0 | 30.7 | 31.5 | 31.4 | 31.6 | 28.7 |
| Tabora | 28.3 | 28.6 | 29.6 | 29.6 | 30.3 | 30.1 | 30.0 | 30.7 | 31.5 | 31.4 | 31.6 | 28.7 |
| Kigoma | 28.4 | 28.5 | 28.7 | 29.5 | 31.1 | 30.1 | 29.9 | 30.4 | 30.1 | 29.4 | 28.7 | 28.1 |
| Dodoma | 29.6 | 29.1 | 29.6 | 28.5 | 28.0 | 27.4 | 27.1 | 28.3 | 28.7 | 31.3 | 31.9 | 30.1 |
| Musoma | 28.5 | 28.4 | 29.4 | 29.1 | 29.0 | 28.7 | 28.8 | 28.1 | 28.6 | 29.1 | 28.1 | 27.8 |
| Mwanza | 27.3 | 27.4 | 29.0 | 28.9 | 29.2 | 29.4 | 29.1 | 28.1 | 29.0 | 27.9 | 27.2 | 27.4 |
| Songea | 27.8 | 27.5 | 27.2 | 26.0 | 25.4 | 24.6 | 24.4 | 26.2 | 27.4 | 29.4 | 30.1 | 30.0 |
| Iringa | 26.3 | 26.7 | 26.9 | 25.6 | 26.0 | 25.6 | 25.5 | 26.6 | 26.8 | 29.0 | 29.9 | 28.7 |
| Singida | 26.6 | 25.9 | 26.8 | 26.0 | 25.6 | 25.6 | 25.7 | 26.4 | 27.0 | 28.3 | 29.2 | 26.9 |
| Bukoba | 26.6 | 27.1 | 27.3 | 26.5 | 26.1 | 26.2 | 26.3 | 26.0 | 25.7 | 26.5 | 26.6 | 26.4 |
| Arusha | 30.4 | 27.4 | 27.1 | 25.3 | 23.0 | 22.3 | 22.8 | 24.4 | 24.6 | 27.9 | 27.7 | 27.2 |
| Sumbawanga | 24.0 | 24.0 | 24.7 | 24.2 | 25.4 | 25.2 | 25.2 | 25.1 | 26.2 | 26.9 | 26.4 | 24.4 |
| Mbeya | 23.2 | 23.8 | 24.6 | 23.6 | 22.2 | 27.0 | 23.1 | 23.1 | 25.4 | 26.7 | 27.5 | 25.4 |

**Source:** Tanzania Meteorological Agency

**Table A. 6: Mean Minimum Temperature (ºC) for Selected Stations, Tanzania, 2014**

| Station | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Karume | 25.6 | 24.8 | 25.2 | 24.8 | 24.1 | 24.1 | 23.2 | 23.3 | 23.5 | 23.7 | 24.0 | 24.9 |
| Zanzibar | 25.4 | 24.7 | 24.7 | 24.8 | 23.9 | 23.5 | 23.0 | 21.8 | 21.3 | 22.9 | 23.8 | 24.8 |
| Tanga | 25.2 | 24.3 | 24.5 | 24.2 | 23.2 | 22.9 | 21.7 | 21.6 | 21.9 | 22.7 | 23.5 | 24.4 |
| JNIA | 25.9 | 24.4 | 23.7 | 23.5 | 22.4 | 20.9 | 19.5 | 20.0 | 20.2 | 21.7 | 23.1 | 25.1 |
| Mtwara | 23.1 | 22.7 | 22.8 | 22.1 | 21.1 | 19.7 | 18.8 | 19.3 | 19.1 | 20.8 | 21.7 | 23.3 |
| Kigoma | 20.6 | 20.6 | 20.5 | 20.3 | 19.7 | 18.5 | 17.6 | 19.3 | 19.9 | 20.7 | 20.3 | 20.5 |
| Morogoro | 22.9 | 22.2 | 21.8 | 21.1 | 19.7 | 17.8 | 16.4 | 17.4 | 17.9 | 19.6 | 20.4 | 21.8 |
| Shinyanga | 19.6 | 18.8 | 18.8 | 18.4 | 18.3 | 17.9 | 17.2 | 18.6 | 18.9 | 19.9 | 19.9 | 19.9 |
| Moshi | 19.6 | 20.1 | 20.5 | 16.3 | 19.7 | 16.9 | 18.1 | 18.1 | 18.0 | 19.2 | 19.9 | 19.8 |
| Same | 20.1 | 20.1 | 20.7 | 19.9 | 18.5 | 17.1 | 16.3 | 16.3 | 16.7 | 18.5 | 19.7 | 20.5 |
| Mwanza | 18.6 | 18.7 | 19.0 | 19.0 | 18.9 | 18.2 | 17.7 | 17.9 | 18.4 | 19.0 | 19.0 | 18.9 |
| Musoma | 19.1 | 18.7 | 19.1 | 18.9 | 18.9 | 18.3 | 17.9 | 18.0 | 18.2 | 18.6 | 18.2 | 18.2 |
| Bukoba | 18.2 | 18.7 | 18.8 | 18.4 | 19.3 | 18.8 | 18.0 | 18.2 | 18.1 | 18.3 | 18.5 | 18.0 |
| Kilimanjaro | 18.9 | 19.1 | 21.7 | 19.7 | 18.4 | 16.8 | 16.2 | 15.9 | 16.2 | 18.0 | 18.5 | 18.3 |
| Dodoma | 19.5 | 19.6 | 19.3 | 18.7 | 16.8 | 15.9 | 15.0 | 16.0 | 16.2 | 18.2 | 19.4 | 19.6 |
| Tabora | 18.7 | 18.4 | 18.1 | 17.2 | 16.6 | 16.4 | 14.4 | 17.6 | 18.6 | 17.7 | 18.0 | 17.7 |
| Singida | 16.9 | 16.6 | 17.0 | 16.8 | 15.4 | 14.5 | 13.7 | 14.7 | 15.1 | 16.8 | 17.4 | 17.1 |
| Arusha | 13.9 | 16.6 | 16.7 | 16.9 | 16.2 | 14.6 | 13.5 | 14.0 | 14.5 | 15.7 | 16.3 | 15.1 |
| Iringa | 16.7 | 16.7 | 16.3 | 15.9 | 14.2 | 12.8 | 12.7 | 12.9 | 13.9 | 15.8 | 16.5 | 16.7 |
| Kilwa | 16.6 | 16.3 | 15.6 | 15.2 | 11.5 | 9.9 | 9.1 | 10.5 | 11.8 | 14.2 | 15.5 | 15.8 |
| Mbeya | 13.7 | 13.9 | 13.3 | 13.3 | 9.5 | 15.1 | 6.7 | 6.5 | 10.4 | 11.9 | 14.6 | 14.8 |

**Source:** Tanzania Meteorological Agency

**Table A. 7: Mean Maximum Temperature (°C) for Selected Stations, Tanzania, 2015**

| Station | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dar es Salaam | 32.7 | 34.0 | 32.3 | 32.9 | 30.9 | 31.6 | 31.2 | 30.3 | 30.5 | 32.8 | 32.0 | 33.1 | 32.0 |
| Kibaha | 31.5 | 33.9 | 32.4 | 31.9 | 29.5 | 30.1 | 30.0 | 30.4 | 31.3 | 33.0 | 32.5 | 33.4 | 31.7 |
| Zanzibar | 32.2 | 34.0 | 32.5 | 31.5 | 29.6 | 30.0 | 29.7 | 30.0 | 30.9 | 32.6 | 31.6 | 33.1 | 31.5 |
| Tanga | 31.6 | 32.9 | 32.3 | 31.6 | 29.9 | 30.2 | 29.1 | 28.8 | 29.5 | 31.0 | 31.8 | 32.9 | 31.0 |
| Mtwara | 29.7 | 30.9 | 31.2 | 32.0 | 31.1 | 30.2 | 30.5 | 30.7 | 31.4 | 31.9 | 32.3 | 31.7 | 31.1 |
| Shinyanga | 29.0 | 29.9 | 30.2 | 29.6 | 29.6 | 29.9 | 29.8 | 30.7 | 32.4 | 32.6 | 30.9 | 30.0 | 30.4 |
| Kilwa | 30.4 | 31.8 | 30.5 | 31.2 | 30.1 | 29.8 | 29.2 | 29.2 | 29.9 | 30.9 | 30.6 | 32.0 | 30.5 |
| Kilimanjaro | 33.8 | 34.2 | 32.7 | 30.3 | 26.9 | 26.5 | 26.7 | 26.7 | 30.5 | 32.2 | 32.4 | 32.9 | 30.5 |
| Morogoro | 31.8 | 32.1 | 31.6 | 30.6 | 28.8 | 28.8 | 28.4 | 29.2 | 31.1 | 32.7 | 32.1 | 33.2 | 30.9 |
| Tabora | 28.5 | 29.7 | 30.4 | 28.6 | 29.1 | 30.0 | 30.4 | 31.2 | 33.0 | 32.6 | 29.3 | 28.5 | 30.1 |
| Kigoma | 28.2 | 29.3 | 28.5 | 28.5 | 30.1 | 29.8 | 30.6 | 31.9 | 32.0 | 29.9 | 28.3 | 28.5 | 29.6 |
| Dodoma | 28.6 | 31.8 | 30.4 | 30.3 | 28.4 | 28.4 | 27.2 | 28.1 | 29.4 | 31.5 | 31.7 | 31.1 | 29.7 |
| Musoma | 28.2 | 28.4 | 28.6 | 28.0 | 28.0 | 28.0 | 27.9 | 28.1 | 28.6 | 29.1 | 28.1 | 27.8 | 28.2 |
| Mwanza | 29.8 | 29.0 | 29.8 | 26.3 | 28.4 | 27.8 | 28.9 | 29.9 | 28.5 | 27.7 | 26.3 | 26.2 | 28.2 |
| Songea | 27.8 | 28.6 | 27.5 | 27.1 | 26.3 | 25.8 | 25.5 | 26.6 | 28.8 | 30.7 | 30.2 | 29.4 | 27.9 |
| Iringa | 26.0 | 28.2 | 27.2 | 27.2 | 26.2 | 26.8 | 25.7 | 26.0 | 28.3 | 29.8 | 29.6 | 28.9 | 27.5 |
| Singida | 26.4 | - | 29.1 | 26.2 | 25.4 | 26.5 | 25.9 | 26.5 | 28.6 | 29.4 | 28.1 | 27.0 | 27.2 |
| Bukoba | 27.9 | 27.8 | 27.6 | 25.9 | 26.3 | 26.4 | 26.8 | 28.0 | 26.1 | 26.1 | 25.8 | 25.8 | 26.7 |
| Arusha | 28.8 | 29.8 | 29.8 | 26.2 | 23.3 | 22.9 | 23.2 | 24.3 | 27.0 | 28.6 | 27.8 | 27.4 | 26.5 |
| Sumbawanga | 23.4 | 25.0 | 25.0 | 24.3 | 24.7 | 25.4 | 25.9 | 26.2 | 27.4 | 26.9 | 25.2 | 24.5 | 25.3 |
| Mbeya | 23.2 | 23.4 | 23.6 | 23.1 | 22.3 | 21.7 | 21.7 | 23.1 | 25.4 | 26.7 | 26.1 | 23.9 | 23.7 |

**Source:** Tanzania Meteorological Agency

**Table A. 8: Mean Minimum Temperature (°C) for Selected Stations, Tanzania, 2015**

| Station | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Karume | 25.4 | 24.9 | 24.9 | 24.9 | 24.8 | 24.6 | 23.8 | 23.4 | 23.5 | 24.6 | 25.0 | 25.3 | 24.6 |
| Zanzibar | 25.4 | 25.1 | 25.0 | 25.1 | 24.6 | 23.6 | 22.5 | 22.0 | 21.6 | 23.4 | 24.5 | 25.0 | 24.0 |
| Tanga | 24.6 | 24.8 | 25.1 | 24.9 | 24.1 | 22.6 | 22.1 | 21.7 | 21.7 | 23.7 | 24.4 | 24.9 | 23.7 |
| Dar es Salaam | 25.5 | 25.5 | 24.6 | 23.8 | 22.8 | 20.7 | 20.2 | 20.1 | 18.7 | 22.0 | 24.6 | 26.0 | 22.9 |
| Mtwara | 23.7 | 23.7 | 22.9 | 22.4 | 21.1 | 19.5 | 18.9 | 18.7 | 18.9 | 21.0 | 22.9 | 24.5 | 21.5 |
| Kigoma | 20.7 | 20.1 | 19.5 | 20.4 | 20.0 | 18.4 | 17.1 | 17.9 | 20.5 | 21.4 | 20.4 | 20.9 | 19.8 |
| Morogoro | 21.7 | 22.2 | 21.7 | 21.5 | 20.0 | 16.5 | 17.0 | 17.0 | 17.6 | 19.9 | 21.6 | 22.4 | 19.9 |
| Shinyanga | 18.7 | 18.5 | 18.6 | 18.5 | 17.7 | 15.3 | 15.3 | 16.8 | 18.9 | 20.1 | 19.9 | 19.4 | 18.1 |
| Moshi | 17.6 | 18.1 | 19.0 | 19.5 | 18.5 | 16.9 | 16.2 | 15.9 | 16.2 | 17.3 | 18.2 | 17.9 | 17.6 |
| Same | 20.4 | 20.5 | 19.5 | 20.4 | 18.9 | 17.1 | 16.8 | 16.6 | 17.2 | 19.6 | 20.5 | 20.3 | 19.0 |
| Mwanza | 18.1 | 18.3 | 18.5 | 18.6 | 19.3 | 18.0 | 17.1 | 17.7 | 17.8 | 19.6 | 19.2 | 18.9 | 18.4 |
| Musoma | 18.3 | 19.6 | 18.0 | 18.7 | 19.2 | 18.6 | 17.8 | 18.3 | 19.8 | 19.9 | 19.1 | 17.6 | 18.7 |
| Bukoba | 18.4 | 18.8 | 18.8 | 18.7 | 19.0 | 18.8 | 18.2 | 18.1 | 18.9 | 19.9 | 18.7 | 18.5 | 18.5 |
| Kilimanjaro | 18.0 | 18.5 | 19.1 | 19.8 | 18.2 | 14.7 | 15.1 | 15.7 | 17.1 | 18.9 | 20.4 | 19.4 | 17.9 |
| Dodoma | 19.3 | 19.8 | 19.5 | 19.4 | 17.9 | 16.0 | 15.6 | 15.6 | 15.1 | 16.7 | 18.2 | 20.1 | 17.8 |
| Tabora | 17.9 | 15.9 | 15.2 | 17.5 | 16.9 | 14.6 | 14.9 | 16.3 | 18.4 | 19.8 | 18.6 | 17.1 | 16.9 |
| Singida | 16.8 | - | 17.6 | 17.0 | 16.0 | 14.9 | 13.9 | 13.9 | 15.4 | 17.5 | 17.7 | 17.2 | 16.2 |
| Arusha | 15.0 | 14.8 | 15.8 | 17.4 | 16.4 | 14.0 | 13.9 | 14.5 | 14.3 | 17.0 | 17.0 | 15.7 | 15.5 |
| Iringa | 16.8 | 16.4 | 16.2 | 15.8 | 15.1 | 14.1 | 13.1 | 13.3 | 14.0 | 16.0 | 17.2 | 17.0 | 15.4 |
| Kilwa | - | - | - | 24.8 | 23.7 | 22.1 | 21.9 | 22.4 | 22.9 | 24.8 | 25.2 | 26.1 | 23.8 |
| Mbeya | 13.7 | 13.5 | 13.2 | 12.2 | 8.9 | 5.7 | 5.1 | 6.5 | 9.2 | 11.9 | 13.0 | 13.5 | 10.5 |
| Songea | 15.3 | 15.1 | 14.4 | 13.2 | 10.5 | 7.9 | 8.7 | 9.1 | 11.3 | 14.2 | 14.6 | 14.6 | 12.4 |

**Source**: Tanzania Meteorological Agency

**Table A. 9: Mean Maximum Temperature (°C) for Selected Stations, Tanzania, 2016**

| Station | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dar es Salaam | 33.0 | 32.3 | 31.0 | 31.0 | 31.2 | 30.7 | 30.1 | 30.7 | 30.4 | 31.6 | 31.7 | 31.5 | 31.3 |
| Kibaha | 33.4 | 32.5 | 34.6 | 30.9 | 30.9 | 30.7 | 30.4 | 30.6 | 30.1 | 32.4 | 33.0 | 33.5 | 31.9 |
| Zanzibar | 33.4 | 34.2 | 34.6 | 31.2 | 31.1 | 30.7 | 30.1 | 30.1 | 30.2 | 31.1 | 31.9 | 32.6 | 31.8 |
| Tanga | 32.7 | 32.3 | 34.7 | 31.3 | 31.2 | 30.3 | 30.2 | 29.3 | 28.9 | 30.8 | 31.6 | 32.7 | 31.3 |
| Mtwara | 31.2 | 31.7 | 32.1 | 31.4 | 30.5 | 29.9 | 29.6 | 30.3 | 30.1 | 30.7 | 31.5 | 32.0 | 30.9 |
| Shinyanga | 19.8 | 19.9 | 20.1 | 19.9 | 18.5 | 17.4 | 16.5 | 17.2 | 19.4 | 20.8 | 21.0 | 20.5 | 19.3 |
| Kilwa | 31.6 | 31.2 | 32.6 | 31.1 | 30.6 | 29.9 | 29.1 | 28.8 | 29.1 | 30.1 | 30.9 | 31.9 | 30.6 |
| Kilimanjaro | 33.2 | 33.3 | 34.2 | 28.7 | 27.4 | 26.1 | 26.1 | 27.4 | 28.5 | 31.2 | 31.8 | 33.3 | 30.1 |
| Morogoro | 22.7 | 22.3 | 22.7 | 21.9 | 18.1 | 16.2 | 15.0 | 17.0 | 17.1 | 18.2 | 20.4 | 22.7 | 19.5 |
| Tabora | 30.1 | 29.4 | 31.2 | 29.4 | 29.6 | 29.3 | 29.4 | 30.7 | 31.8 | 32.9 | 31.9 | 30.6 | 30.5 |
| Kigoma | 28.7 | 29.1 | 30.5 | 30.0 | 29.2 | 29.6 | 30.5 | 31.5 | 31.5 | 30.8 | 30.0 | 28.2 | 30.0 |
| Dodoma | 29.4 | 29.4 | 32.0 | 28.5 | 28.0 | 27.0 | 26.7 | 27.5 | 28.6 | 30.8 | 31.9 | 32.4 | 29.4 |
| Musoma | 28.4 | 29.0 | 29.0 | 28.5 | 28.4 | 28.5 | 28.4 | 28.7 | 29.2 | 29.2 | 28.4 | 28.2 | 28.7 |
| Mwanza | 27.2 | 28.7 | 29.2 | 28.7 | 28.8 | 29.2 | 28.7 | 29.7 | 29.7 | 29.1 | 28.9 | 28.9 | 28.9 |
| Songea | 27.6 | 28.9 | 29.4 | 27.1 | 29.1 | 24.7 | 24.3 | 25.9 | 27.6 | 30.3 | 31.3 | 29.6 | 28.0 |
| Iringa | 26.6 | 27.3 | 29.9 | 26.8 | 26.0 | 25.0 | 24.9 | 25.5 | 27.3 | 28.9 | 29.8 | 28.7 | 27.2 |
| Singida | 26.3 | 27.1 | 29.1 | 25.3 | 25.6 | 25.0 | 25.2 | 25.8 | 27.5 | 29.2 | 29.7 | 28.9 | 27.1 |
| Bukoba | 26.1 | 26.6 | 27.9 | 24.5 | 25.6 | 25.7 | 25.4 | 25.8 | 26.3 | 26.1 | 25.9 | 29.0 | 26.2 |
| Arusha | 28.5 | 28.6 | 30.4 | 25.3 | 23.8 | 23.2 | 23.3 | 24.5 | 25.9 | 28.3 | 28.2 | 29.2 | 26.6 |
| Sumbawanga | 24.0 | 25.0 | 26.3 | 24.9 | 25.3 | 24.8 | 25.1 | 25.3 | 26.6 | 27.8 | 26.7 | 24.7 | 25.5 |
| Mbeya | 23.6 | 23.8 | 24.0 | 23.3 | 22.8 | 22.0 | 21.9 | 23.4 | 25.5 | 26.9 | 26.4 | 24.6 | 24.0 |

**Source**: Tanzania Meteorological Agency

**Table A. 10: Mean Minimum Temperature (°C) for Selected Stations, Tanzania, 2016**

| Station | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Karume | 26.8 | 25.8 | 27.0 | 24.6 | 22.5 | 21.1 | 19.8 | 20.4 | 20.0 | 19.0 | 23.9 | 26.9 | 23.2 |
| Zanzibar | 23.8 | 23.8 | 23.6 | 22.8 | 21.8 | 20.5 | 19.6 | 19.6 | 20.0 | 21.3 | 22.8 | 23.5 | 21.9 |
| Tanga | 25.9 | 25.3 | 25.7 | 25.0 | 24.8 | 23.9 | 22.5 | 22.4 | 21.0 | 22.2 | 23.6 | 24.5 | 23.9 |
| Dar es Salaam | 25.3 | 24.9 | 25.7 | 24.9 | 23.3 | 22.4 | 20.6 | 21.5 | 21.3 | 22.1 | 23.4 | 24.8 | 23.4 |
| Mtwara | 25.6 | 24.9 | 24.0 | 23.4 | 20.6 | 19.9 | 18.5 | 18.3 | 17.5 | 19.0 | 21.3 | 23.4 | 21.4 |
| Kigoma | 19.8 | 19.9 | 20.1 | 19.9 | 18.5 | 17.4 | 16.5 | 17.2 | 19.4 | 20.8 | 21.0 | 20.5 | 19.3 |
| Morogoro | 25.3 | 24.8 | 25.7 | 24.1 | 22.2 | 21.2 | 20.7 | 21.7 | 22.6 | 24.0 | 25.3 | 26.2 | 23.7 |
| Shinyanga | 20.7 | 20.3 | 21.8 | 20.7 | 18.8 | 16.5 | 15.0 | 15.7 | 16.3 | 17.7 | 20.0 | 19.6 | 18.6 |
| Moshi | 22.7 | 22.3 | 22.7 | 21.9 | 18.1 | 16.2 | 15.0 | 17.0 | 17.1 | 18.2 | 20.4 | 22.7 | 19.5 |
| Same | 19.2 | 18.0 | 17.9 | 17.5 | 14.1 | 12.4 | 12.2 | 13.9 | 15.5 | 16.4 | 16.1 | 18.0 | 15.9 |
| Mwanza | 21.3 | 21.3 | 21.5 | 20.5 | 19.6 | 17.4 | 16.0 | 17.7 | 20.0 | 20.7 | 20.9 | 20.1 | 19.8 |
| Musoma | 20.0 | 19.7 | 20.3 | 19.2 | 16.4 | 15.2 | 14.2 | 14.8 | 15.3 | 17.3 | 19.3 | 20.2 | 17.7 |
| Bukoba | 18.0 | 18.2 | 18.4 | 18.0 | 17.5 | 16.9 | 16.3 | 17.0 | 18.0 | 18.3 | 18.1 | 17.9 | 17.7 |
| Kilimanjaro | 19.7 | 19.7 | 20.5 | 19.9 | 18.3 | 17.4 | 15.7 | 16.8 | 18.2 | 19.0 | 18.7 | 19.1 | 18.6 |
| Dodoma | 14.5 | 15.9 | 16.8 | 18.6 | 16.8 | 11.7 | 11.5 | 12.9 | 14.6 | 16.2 | 18.8 | 18.8 | 15.6 |
| Tabora | 18.0 | 17.2 | 17.0 | 17.0 | 14.2 | 13.1 | 11.8 | 12.7 | 13.0 | 14.3 | 16.3 | 17.2 | 15.2 |
| Singida | 17.5 | 17.3 | 18.2 | 17.3 | 15.0 | 16.8 | 16.2 | 13.8 | 14.4 | 16.1 | 16.3 | 17.7 | 16.4 |
| Arusha | 19.0 | 19.2 | 19.4 | 19.4 | 19.2 | 18.7 | 17.8 | 18.1 | 18.4 | 19.1 | 19.3 | 18.9 | 18.9 |
| Iringa | 16.5 | 16.0 | 17.3 | 17.9 | 15.8 | 14.7 | 13.0 | 13.3 | 13.4 | 14.7 | 16.6 | 14.8 | 15.3 |
| Kilwa | 15.8 | 15.9 | 16.2 | 15.1 | 11.7 | 9.9 | 8.9 | 10.2 | 13.3 | 15.5 | 16.2 | 15.4 | 13.7 |
| Mbeya | 14.5 | 14.4 | 14.0 | 12.6 | 9.7 | 6.4 | 5.9 | 7.4 | 10.1 | 12.7 | 14.0 | 14.4 | 11.3 |
| Songea | 26.8 | 25.8 | 27.0 | 24.6 | 22.5 | 21.1 | 19.8 | 20.4 | 20.0 | 19.0 | 23.9 | 26.9 | 23.2 |

**Source**: Tanzania Meteorological Agency

# B:

# CONSTITUTION

# B Constitution

The United Republic of Tanzania is a sovereign state, consisting of the country formerly known as Tanganyika and the islands of Unguja and Pemba formerly known as the Peoples' Republic of Zanzibar. Tanganyika became a sovereign state under a Governor General on 9th December 1961. The country became a democratic republic under an Executive President on her first anniversary of independence (i.e. 9th December 1962). The islands of Unguja and Pemba became independent on 10th December 1963 under a Sultanate, but the Sultan's regime was overthrown on 12th January 1964 and was replaced by the Peoples' Republic of Zanzibar under a Revolutionary Council headed by an Executive President.

The two sovereign republics of Tanganyika and Zanzibar formed a political union on 26thApril, 1964 and became the present United Republic of Tanzania.

The current Constitution of the United Republic of Tanzania came into being in 1977 by replacing the Interim Constitution, which had been in use since July 1965. Under the Constitution, which has been amended several times, the following subjects are union matters[1]:

1. The Constitution and Government of the United Republic of Tanzania
2. External Affairs
3. Defence and Security
4. Police
5. Emergency Powers
6. Citizenship
7. Immigration
8. External Trade and Borrowing
9. The Public Service of the United Republic
10. Income Tax, Corporation Tax, Customs and Excise Duties
11. Harbours, Posts and Telegraph
12. Currency, Coinage and Legal Tender (including paper money), Banks (including savings and banks) and Foreign Exchange Control
13. Industrial Licensing and Statistics there from

[1] The accuracy of the information on Union matters may not necessarily reflect the changes which were made in 2010 constitution of Zanzibar

14 Higher Education
15. Mineral Oil Resources including petroleum, its relative hydrocarbons and natural gas
16. The National Examination Council of Tanzania
17. Civil Aviation
18. Research
19. Meteorology
20. Statistics
21. Court of Appeal
22. Registration of Political Parties

Matters concerning Zanzibar only, are dealt with by the Revolutionary Government of Zanzibar, whereas in respect of Tanzania Mainland they are dealt with by the Union Government.

The Executive consists of the President elected by universal suffrage; assisted by a Vice – President, Prime Minister and a Cabinet of Ministers. The Vice-President is elected together with the President as a running mate on one ballot. When the President is elected the Vice-President is also automatically elected.

The Prime Minister is appointed by the President from among Members of Parliament from constituencies, but does not assume office until the appointment is confirmed by a resolution of the majority of the members of Parliament.

The term of office of the President is five years, but can be re-elected for another term of five years only. The President must therefore retire after serving for two consecutive terms of five years. The United Republic of Tanzania has a unicameral legislature called the “National Assembly” which at the end of December 2016 had 386 members. General Elections are held after every five years.

**The Cabinet (as at December 2016)**

***President:*** His Excellency, Dr. John Pombe Joseph Magufuli

***Vice President:*** Honorable, Samia Suluhu Hassan

***Zanzibar President:*** His Excellency, Dr. Ali Mohamed Shein

***Prime Minister:*** Honorable, Majaliwa Kasim Majaliwa (MP)

***Ministries***

1. President's Office Regional Administration and Local Government, Public Services Management and Good Governance
2. Vice President's Office–Union Matters and Environment
3. Prime Minister's Office– Policy, Parliament, Labour, Youth, Employment and the Disabled
4. Ministry of Agriculture, Livestock and Fisheries
5. Ministry of Construction, Transportation and Communication
6. Ministry of Finance and Planning
7. Ministry of Energy and Minerals
8. Ministry of Justice and Constitutional Affairs
9. Ministry of Foreign, East African, Regional and International Affairs
10. Ministry of Defense and National Service
11. Ministry of Home Affairs
12. Ministry of Lands, Housing and Human Settlements Development
13. Ministry of Natural Resources and Tourism
14. Ministry of Industry, Trade and Investment
15. Ministry of Education, Science, Technology and Vocational Training
16. Ministry of Health, Community Development, Gender, Elderly, and Children
17. Ministry of Information, Cultureand Sports
18. Ministry of Water and Irrigation

**Table B. 1: Composition of the National Assembly, December 2016**

Speaker (1): Honorable Job Ndugai

| Area | Type of Member | | | | | Total Members |
|---|---|---|---|---|---|---|
| | Elected | Reserved for Women | *Ex-Officio | House of Rep. of Zanzibar | Nominated by the President | |
| **Tanzania** | 264 | 110 | 1 | 5 | 6 | 386 |

(1): Elected by the National Assembly.

*: Attorney General

## The Revolutionary Government of Zanzibar's Cabinet

***President:*** His Excellency, Dr. Ali Mohamed Shein
***First Vice President***: -
***Second Vice President***: Honorable, Seif Ali Iddi

### *Ministries*

1. Ministry of State, President Office and Chairman of the Revolutionary Council of Zanzibar
2. Ministry of State, President Office, Regional Administration and Special Departments
3. Ministry of State, President Office, Constitution, Legal Affairs, Public Service and Good Governance
4. Ministry of State, Second Vice President Office
5. Ministry of Finance and Planning
6. Ministry of Health
7. Ministry of Information, Culture, Tourism and Sports
8. Ministry of Agriculture, Natural Resources, Livestock and Fisheries
9. Ministry of Education and Vocational Training
10. Ministry of Construction, Industries, Communication and Transport
11. Ministry of Trade
12. Ministry of Lands, Housing, Water and Energy
13. Ministry of Empowerment, Adults, Youth, Women and Children

**Table B. 2: Composition of the House of Representatives**

**Speaker**(1)**:**Honorable Zubeir Ali Maulid

| Area | Type of Member | | | | Total Members |
|---|---|---|---|---|---|
| | Elected | Reserved for Women | *Ex-Officio | Nominated by the President | |
| **Zanzibar** | 54 | 22 | 1 | 7 | 84 |

(1) Elected by the House of Representatives

* : Attorney General

# C:

# POPULATION

# C. Population

In August 2012, the United Republic of Tanzania conducted a population and housing census with reference date being the night of August 25/26; 2012. That census was the seventh population and housing census carried out in the country and the fifth during the post-independence period. The other censuses were carried out in 1948, 1957, 1967, 1978, 1988 and 2002.

The 2012 Population and Housing Census was carried out using the *de-facto* system of enumeration whereby all persons who spent the census night (reference date) in the country were enumerated irrespective of whether they were normal residents or not. Once enumerated they were allocated to the place of enumeration.

Two types of interview questionnaires were used in the 2012 Census. The short questionnaire was used for collecting information of limited scope for the entire population of the country. The long questionnaire, which was administered to a sample of the total population, sought more detailed information concerning each individual and household. Both questionnaires used structured and pre-coded questions. Data capture was carried out using the OMR technology.

**Table C. 1: 2002 and 2012 Population and Housing Censuses, Summary of Findings; Tanzania**

| Item | Tanzania | Mainland | Zanzibar |
|---|---|---|---|
| **2002:** | | | |
| Total Population (in millions) | 34.4 | 33.5 | 1.0 |
| Annual Growth Rate (percent) | 2.9 | 2.9 | 3.1 |
| Population Under 15 Years (percent of total) | 44.2 | 44.2 | 44.3 |
| Sex Ratio (males per 100 females) | 96.0 | 96.0 | 96.0 |
| Infant Mortality Rate (IMR) (deaths per 1,000 live births) | 95.0 | 95.0 | 89.0 |
| Crude Death Rate (CDR) (deaths per 1,000 mid-year population) | 14.5 | 14.6 | 10.1 |
| Life Expectancy at Birth (years) | 51.0 | 51.0 | 57.0 |
| Crude Birth Rate (CBR) (births per 1,000 population) | 43.0 | 43.0 | 43.0 |
| Total Fertility Rate (TFR) | 6.3 | 6.3 | 6.2 |
| Population Density ( persons per square kilometer ) | 39 | 38 | 399 |
| | | | |
| **2012:** | | | |
| Total Population (in millions) | 44.9 | 43.6 | 1.3 |
| Annual Growth Rate (percent) | 2.7 | 2.7 | 2.8 |
| Population Under 15 Years (percent of total) | 43.9 | 43.9 | 42.5 |
| Sex Ratio (males per 100 females) | 95.0 | 95.0 | 94.0 |
| Infant Mortality Rate (IMR) (deaths per 1,000 live births) | 46.2 | 46.2 | 46.4 |
| Maternal Mortality Rate (MMR) (deaths per 100,000 live births) | 432 | 435 | 307 |
| Crude Death Rate (CDR) (deaths per 1,000 mid-year population) | 9.3 | 9.4 | 7.0 |
| Life Expectancy at Birth (years) | 61.8 | 61.7 | 65.2 |
| Crude Birth Rate (CBR) (births per 1,000 mid-year population) | 41.7 | 41.7 | 38.9 |
| Total Fertility Rate (TFR) | 5.5 | 5.5 | 5.2 |
| Population Density (persons per square kilometre) | 51 | 49 | 530 |

Source: National Bureau of Statistics (2002& 2012 Population and Housing Census)

**Table C. 2: 2012 Population and Housing Census; Population by Region and Sex; Average Household Size (persons per household) and Population Density(persons per km$^2$) by Region; Tanzania**

| Area | Number | | | Persons per Household | Persons per km$^2$ |
|---|---|---|---|---|---|
| | Both Sexes | Males | Females | | |
| **Tanzania** | **44,928,923** | **21,869,990** | **23,058,933** | **4.7** | **51** |
| Tanzania Mainland | 43,625,354 | 21,239,313 | 22,386,041 | 4.7 | 49 |
| Tanzania Zanzibar | 1,303,569 | 630,677 | 672,892 | 5.1 | 530 |
| **Region (Tanzania Mainland)** | | | | | |
| Dodoma | 2,083,588 | 1,014,974 | 1,068,614 | 4.6 | 50 |
| Arusha | 1,694,310 | 821,282 | 873,028 | 4.4 | 45 |
| Kilimanjaro | 1,640,087 | 793,140 | 846,947 | 4.2 | 124 |
| Tanga | 2,045,205 | 992,347 | 1,052,858 | 4.6 | 77 |
| Morogoro | 2,218,492 | 1,093,302 | 1,125,190 | 4.3 | 31 |
| Pwani | 1,098,668 | 537,826 | 560,842 | 4.2 | 34 |
| Dar es Salaam | 4,364,541 | 2,125,786 | 2,238,755 | 3.9 | 3,133 |
| Lindi | 864,652 | 414,507 | 450,145 | 3.8 | 13 |
| Mtwara | 1,270,854 | 599,648 | 671,206 | 3.7 | 76 |
| Ruvuma | 1,376,891 | 668,684 | 708,207 | 4.5 | 22 |
| Iringa | 941,238 | 452,052 | 489,186 | 4.2 | 27 |
| Mbeya | 2,707,410 | 1,297,738 | 1,409,672 | 4.2 | 45 |
| Singida | 1,370,637 | 677,995 | 692,642 | 5.3 | 28 |
| Tabora | 2,291,623 | 1,129,730 | 1,161,893 | 5.9 | 30 |
| Rukwa | 1,004,539 | 487,311 | 517,228 | 5.0 | 44 |
| Kigoma | 2,127,930 | 1,028,994 | 1,098,936 | 5.4 | 57 |
| Shinyanga | 1,534,808 | 750,841 | 783,967 | 5.8 | 81 |
| Kagera | 2,458,023 | 1,205,683 | 1,252,340 | 4.7 | 97 |
| Mwanza | 2,772,509 | 1,360,381 | 1,412,128 | 5.7 | 293 |
| Mara | 1,743,830 | 840,020 | 903,810 | 5.5 | 80 |
| Manyara | 1,425,131 | 717,085 | 707,046 | 5.2 | 32 |
| Njombe | 702,097 | 329,359 | 372,738 | 4.1 | 81 |
| Katavi | 564,604 | 279,682 | 284,922 | 5.5 | 15 |
| Simiyu | 1,584,157 | 759,891 | 824,266 | 6.9 | 63 |
| Geita | 1,739,530 | 861,055 | 878,475 | 6.0 | 28 |
| **Region (Tanzania Zanzibar)** | | | | | |
| Kaskazini Unguja | 187,455 | 92,114 | 95,341 | 5.0 | 399 |
| Kusini Unguja | 115,588 | 57,880 | 57,708 | 4.4 | 135 |
| Mjini Magharibi | 593,678 | 283,590 | 310,088 | 5.2 | 2,581 |
| Kaskazini Pemba | 211,732 | 103,222 | 108,510 | 5.3 | 369 |
| Kusini Pemba | 195,116 | 93,871 | 101,245 | 5.4 | 588 |

**Source:** National Bureau of Statistics (2012 Population and Housing Census)

**Table C. 1: Tanzania Regional Trends in Infant Mortality Rate (IMR) and Percentage Change in IMR from 2002 to 2012**

| Region | Deaths per 1,000 live births | | | | Percent Change 2002– 2012 |
|---|---|---|---|---|---|
| | 1978 | 1988 | 2002 | 2012 | |
| Dodoma | 133 | 132 | 114 | 42.1 | -63.1 |
| Arusha | 108 | 75 | 41 | 29.0 | -29.3 |
| Kilimanjaro | 76 | 67 | 46 | 29.6 | -35.7 |
| Tanga | 112 | 106 | 98 | 44.7 | -54.4 |
| Morogoro | 140 | 125 | 100 | 47.6 | -52.4 |
| Pwani | 121 | 113 | 101 | 51.3 | -49.2 |
| Dar es Salaam | 108 | 105 | 79 | 49.0 | -38.0 |
| Lindi | 151 | 140 | 129 | 47.0 | -63.6 |
| Mtwara | 161 | 138 | 126 | 45.2 | -64.1 |
| Ruvuma | 145 | 113 | 104 | 47.6 | -54.2 |
| Iringa | 152 | 130 | 102 | 59.8 | -41.4 |
| Mbeya | 161 | 124 | 101 | 49.0 | -51.5 |
| Singida | 137 | 96 | 82 | 32.4 | -60.5 |
| Tabora | 140 | 101 | 83 | 47.5 | -42.8 |
| Rukwa | 170 | 131 | 106 | 54.8 | -48.3 |
| Kigoma | 163 | 115 | 92 | 48.9 | -46.8 |
| Shinyanga | 150 | 110 | 92 | 46.2 | -49.8 |
| Kagera | 133 | 130 | 110 | 61.8 | -43.8 |
| Mwanza | 139 | 115 | 87 | 44.3 | -49.1 |
| Mara | 140 | 125 | 113 | 50.7 | -55.1 |
| Manyara | n.a | 75 | 69 | 33.3 | -51.7 |
| Njombe | n.a | n.a | n.a | 54.5 | n.a |
| Katavi | n.a | n.a | n.a | 58.2 | n.a |
| Simiyu | n.a | n.a | n.a | 39.4 | n.a |
| Geita | n.a | n.a | n.a | 41.0 | n.a |
| Kaskazini Unguja | 132 | 130 | 103 | 42.1 | -59.1 |
| Kusini Unguja | 120 | 120 | 87 | 56.8 | -34.7 |
| Mjini Magharibi | 112 | 113 | 70 | 47.1 | -32.7 |
| Kaskazini Pemba | 128 | 123 | 101 | 43.4 | -57.0 |
| Kusini Pemba | 123 | 119 | 95 | 45.8 | -51.8 |

**Source:** National Bureau of Statistics (Population and Housing Censuses)

**Table C. 2: Tanzania Mainland Regional Trends in Under 5 Mortality Rate and Percentage Change in U5MR from 2002 to 2012**

| Region | Under 5 Mortality Rate per 1,000 live births | | | | Percent Change 2002– 2012 |
|---|---|---|---|---|---|
| | 1978 | 1988 | 2002 | 2012 | |
| Dodoma | 225 | 222 | 191 | 57.5 | -69.9 |
| Arusha | 179 | 179 | 58 | 37.3 | -35.7 |
| Kilimanjaro | 119 | 104 | 67 | 38.5 | -42.5 |
| Tanga | 187 | 176 | 162 | 64.0 | -60.5 |
| Morogoro | 236 | 211 | 163 | 68.7 | -57.9 |
| Pwani | 204 | 189 | 166 | 75.4 | -54.6 |
| Dar es Salaam | 179 | 173 | 123 | 72.3 | -41.2 |
| Lindi | 255 | 236 | 217 | 65.0 | -70.0 |
| Mtwara | 267 | 233 | 212 | 62.3 | -70.6 |
| Ruvuma | 245 | 188 | 171 | 68.7 | -59.8 |
| Iringa | 257 | 220 | 166 | 90.7 | -45.4 |
| Mbeya | 267 | 209 | 165 | 71.5 | -56.7 |
| Singida | 231 | 153 | 132 | 42.7 | -67.7 |
| Tabora | 236 | 166 | 133 | 69.4 | -47.8 |
| Rukwa | 283 | 221 | 175 | 81.2 | -53.6 |
| Kigoma | 269 | 192 | 148 | 71.7 | -51.6 |
| Shinyanga | 252 | 183 | 149 | 66.7 | -55.2 |
| Kagera | 225 | 219 | 182 | 93.9 | -48.4 |
| Mwanza | 233 | 192 | 139 | 63.8 | -54.1 |
| Mara | 236 | 211 | 188 | 73.6 | -60.9 |
| Manyara | n.a | n.a | 107 | 44.5 | -58.4 |
| Njombe | n.a | n.a | n.a | 54.5 | n.a |
| Katavi | n.a | n.a | n.a | 58.2 | n.a |
| Simiyu | n.a | n.a | n.a | 39.4 | n.a |
| Geita | n.a | n.a | n.a | 41.0 | n.a |

**Source:** National Bureau of Statistics (Population and Housing Censuses)

**Table C. 3: Life Expectancy at Birth, Tanzania**

**(Years)**

| Area | 1967 | 1978 | 1988 | 2002 | 2012 |
|---|---|---|---|---|---|
| Tanzania | 41 | 44 | 50 | 51 | 62 |
| Tanzania Mainland | 41 | 44 | 49 | 51 | 62 |
| Tanzania Zanzibar | 43 | 47 | 48 | 57 | 65 |

**Source:** National Bureau of Statistics (Population and Housing Censuses)

**Table C. 4: Population Projections by Age Group and Sex , Tanzania, 2015 – 2035**

**Number**

| Age Group | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|---|---|---|---|---|
| **Male** | | | | | |
| 0-4 | 4,111,056 | 4,972,289 | 5,569,213 | 6,179,199 | 6,848,750 |
| 5-9 | 3,607,796 | 4,013,263 | 4,872,384 | 5,470,676 | 6,083,733 |
| 10-14 | 3,035,714 | 3,582,899 | 3,988,128 | 4,845,378 | 5,443,875 |
| 15-19 | 2,685,857 | 3,014,118 | 3,559,514 | 3,964,973 | 4,819,954 |
| 20-24 | 2,071,020 | 2,656,362 | 2,983,974 | 3,526,839 | 3,932,635 |
| 25-29 | 1,669,448 | 2,042,003 | 2,622,833 | 2,949,761 | 3,490,130 |
| 30-34 | 1,494,214 | 1,642,384 | 2,012,198 | 2,588,331 | 2,914,726 |
| 35-39 | 1,275,808 | 1,464,246 | 1,612,393 | 1,979,071 | 2,550,118 |
| 40-44 | 1,072,218 | 1,241,782 | 1,428,438 | 1,576,263 | 1,939,014 |
| 45-49 | 801,097 | 1,032,732 | 1,199,352 | 1,383,318 | 1,530,490 |
| 50-54 | 655,659 | 758,908 | 981,621 | 1,143,831 | 1,323,717 |
| 55-59 | 462,865 | 605,139 | 704,088 | 914,447 | 1,070,056 |
| 60-64 | 374,994 | 411,344 | 539,949 | 632,574 | 825,808 |
| 65-69 | 260,446 | 312,655 | 346,684 | 457,435 | 541,031 |
| 70-74 | 211,993 | 199,196 | 240,461 | 270,722 | 359,654 |
| 75-79 | 129,075 | 141,944 | 136,135 | 165,468 | 190,169 |
| 80+ | 168,826 | 138,335 | 133,411 | 131,749 | 147,264 |
| Total | 24,088,086 | 28,229,599 | 32,930,776 | 38,180,035 | 44,011,124 |
| **Female** | | | | | |
| 0-4 | 4,059,689 | 4,878,738 | 5,462,853 | 6,058,947 | 6,713,121 |
| 5-9 | 3,590,224 | 3,968,953 | 4,788,162 | 5,375,545 | 5,976,226 |
| 10-14 | 3,058,783 | 3,568,790 | 3,948,175 | 4,766,777 | 5,355,103 |
| 15-19 | 2,697,026 | 3,041,114 | 3,550,717 | 3,931,116 | 4,749,062 |
| 20-24 | 2,359,224 | 2,674,122 | 3,018,814 | 3,527,981 | 3,909,928 |
| 25-29 | 1,998,207 | 2,333,256 | 2,649,037 | 2,994,236 | 3,503,152 |
| 30-34 | 1,761,200 | 1,971,517 | 2,306,194 | 2,622,606 | 2,968,416 |
| 35-39 | 1,358,390 | 1,732,225 | 1,943,028 | 2,276,948 | 2,593,974 |
| 40-44 | 1,144,752 | 1,330,290 | 1,700,165 | 1,910,969 | 2,243,708 |
| 45-49 | 792,030 | 1,113,792 | 1,297,548 | 1,662,241 | 1,872,641 |
| 50-54 | 754,502 | 762,341 | 1,075,318 | 1,256,442 | 1,614,226 |
| 55-59 | 442,488 | 713,099 | 723,866 | 1,025,037 | 1,202,430 |
| 60-64 | 402,167 | 406,728 | 658,630 | 672,867 | 957,978 |
| 65-69 | 260,151 | 351,895 | 359,697 | 586,164 | 604,415 |
| 70-74 | 250,211 | 211,801 | 288,331 | 299,380 | 492,016 |
| 75-79 | 136,051 | 180,717 | 156,410 | 214,937 | 228,359 |
| 80+ | 206,227 | 168,651 | 178,559 | 174,938 | 208,902 |
| Total | 25,271,322 | 29,408,029 | 34,105,504 | 39,357,131 | 45,193,657 |

**Table C. 4 (ctd): Population Projections by Age Group and Sex , Tanzania, 2015 – 2035**

**Number**

| Age Group | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|---|---|---|---|---|
| **Both Sexes** | | | | | |
| 0-4 | 8,170,745 | 9,851,027 | 11,032,066 | 12,238,146 | 13,561,871 |
| 5-9 | 7,198,020 | 7,982,216 | 9,660,546 | 10,846,221 | 12,059,959 |
| 10-14 | 6,094,497 | 7,151,689 | 7,936,303 | 9,612,155 | 10,798,978 |
| 15-19 | 5,382,883 | 6,055,232 | 7,110,231 | 7,896,089 | 9,569,016 |
| 20-24 | 4,430,244 | 5,330,484 | 6,002,788 | 7,054,820 | 7,842,563 |
| 25-29 | 3,667,655 | 4,375,259 | 5,271,870 | 5,943,997 | 6,993,282 |
| 30-34 | 3,255,414 | 3,613,901 | 4,318,392 | 5,210,937 | 5,883,142 |
| 35-39 | 2,634,198 | 3,196,471 | 3,555,421 | 4,256,019 | 5,144,092 |
| 40-44 | 2,216,970 | 2,572,072 | 3,128,603 | 3,487,232 | 4,182,722 |
| 45-49 | 1,593,127 | 2,146,524 | 2,496,900 | 3,045,559 | 3,403,131 |
| 50-54 | 1,410,161 | 1,521,249 | 2,056,939 | 2,400,273 | 2,937,943 |
| 55-59 | 905,353 | 1,318,238 | 1,427,954 | 1,939,484 | 2,272,486 |
| 60-64 | 777,161 | 818,072 | 1,198,579 | 1,305,441 | 1,783,786 |
| 65-69 | 520,597 | 664,550 | 706,381 | 1,043,599 | 1,145,446 |
| 70-74 | 462,204 | 410,997 | 528,792 | 570,102 | 851,670 |
| 75-79 | 265,126 | 322,661 | 292,545 | 380,405 | 418,528 |
| 80+ | 375,053 | 306,986 | 311,970 | 306,687 | 356,166 |
| Total | 49,359,408 | 57,637,628 | 67,036,280 | 77,537,166 | 89,204,781 |

**Source:** Bureau of Statistics (Based on 2012 Population and Housing Census)

**Table C. 5: Population Projections by Age Group andSex , Tanzania Mainland, 2015 – 2035**

**Number**

| Age Group | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|---|---|---|---|---|
| **Male** | | | | | |
| 0-4 | 3,991,491 | 4,836,109 | 5,433,847 | 6,044,951 | 6,712,231 |
| 5-9 | 3,507,062 | 3,896,605 | 4,738,946 | 5,337,623 | 5,951,451 |
| 10-14 | 2,951,945 | 3,483,136 | 3,872,487 | 4,712,937 | 5,311,691 |
| 15-19 | 2,606,298 | 2,931,131 | 3,460,612 | 3,850,220 | 4,688,454 |
| 20-24 | 2,007,845 | 2,577,994 | 2,902,150 | 3,429,233 | 3,819,251 |
| 25-29 | 1,617,884 | 1,979,967 | 2,545,782 | 2,869,211 | 3,393,921 |
| 30-34 | 1,452,412 | 1,591,792 | 1,951,252 | 2,512,532 | 2,835,383 |
| 35-39 | 1,239,940 | 1,423,310 | 1,562,772 | 1,919,206 | 2,475,555 |
| 40-44 | 1,040,885 | 1,206,784 | 1,388,422 | 1,527,679 | 1,880,296 |
| 45-49 | 777,050 | 1,002,335 | 1,165,332 | 1,344,338 | 1,483,077 |
| 50-54 | 633,700 | 735,851 | 952,410 | 1,111,057 | 1,286,077 |
| 55-59 | 447,207 | 584,421 | 682,271 | 886,729 | 1,038,871 |
| 60-64 | 363,304 | 396,931 | 520,822 | 612,357 | 800,037 |
| 65-69 | 253,086 | 302,407 | 333,952 | 440,473 | 523,016 |
| 70-74 | 206,218 | 193,180 | 232,062 | 260,167 | 345,528 |
| 75-79 | 126,403 | 137,807 | 131,731 | 159,302 | 182,293 |
| 80+ | 165,948 | 135,680 | 130,071 | 127,836 | 142,131 |
| **Total** | **23,388,678** | **27,415,440** | **32,004,921** | **37,145,851** | **42,869,263** |
| **Female** | | | | | |
| 0-4 | 3,942,310 | 4,745,067 | 5,329,974 | 5,927,123 | 6,579,099 |
| 5-9 | 3,489,788 | 3,853,979 | 4,656,658 | 5,244,383 | 5,845,763 |
| 10-14 | 2,974,244 | 3,469,159 | 3,833,988 | 4,636,000 | 5,224,531 |
| 15-19 | 2,616,399 | 2,957,201 | 3,451,729 | 3,817,559 | 4,618,908 |
| 20-24 | 2,284,913 | 2,594,298 | 2,935,645 | 3,429,776 | 3,797,147 |
| 25-29 | 1,935,028 | 2,259,850 | 2,570,092 | 2,911,886 | 3,405,806 |
| 30-34 | 1,709,544 | 1,909,217 | 2,233,712 | 2,544,536 | 2,886,873 |
| 35-39 | 1,317,967 | 1,681,374 | 1,881,600 | 2,205,361 | 2,516,759 |
| 40-44 | 1,107,957 | 1,290,655 | 1,650,206 | 1,850,506 | 2,173,129 |
| 45-49 | 767,568 | 1,077,881 | 1,258,790 | 1,613,291 | 1,813,287 |
| 50-54 | 727,312 | 738,648 | 1,040,461 | 1,218,746 | 1,566,505 |
| 55-59 | 429,951 | 687,078 | 701,131 | 991,509 | 1,166,067 |
| 60-64 | 391,565 | 394,965 | 634,137 | 651,393 | 926,181 |
| 65-69 | 254,165 | 342,363 | 349,030 | 563,854 | 584,743 |
| 70-74 | 244,317 | 206,753 | 280,283 | 290,248 | 472,770 |
| 75-79 | 133,666 | 176,320 | 152,564 | 208,795 | 221,225 |
| 80+ | 202,853 | 165,782 | 174,813 | 170,963 | 203,490 |
| **Total** | **24,529,547** | **28,550,590** | **33,134,813** | **38,275,929** | **44,002,283** |

**Table C. 5 (ctd): Population Projections by Age Group and Sex , Tanzania Mainland, 2015 – 2035**

**Number**

| Age Group | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|---|---|---|---|---|
| **Both Sexes** | | | | | |
| 0-4 | 7,933,801 | 9,581,176 | 10,763,821 | 11,972,074 | 13,291,330 |
| 5-9 | 6,996,850 | 7,750,584 | 9,395,604 | 10,582,006 | 11,797,214 |
| 10-14 | 5,926,189 | 6,952,295 | 7,706,475 | 9,348,937 | 10,536,222 |
| 15-19 | 5,222,697 | 5,888,332 | 6,912,341 | 7,667,779 | 9,307,362 |
| 20-24 | 4,292,758 | 5,172,292 | 5,837,795 | 6,859,009 | 7,616,398 |
| 25-29 | 3,552,912 | 4,239,817 | 5,115,874 | 5,781,097 | 6,799,727 |
| 30-34 | 3,161,956 | 3,501,009 | 4,184,964 | 5,057,068 | 5,722,256 |
| 35-39 | 2,557,907 | 3,104,684 | 3,444,372 | 4,124,567 | 4,992,314 |
| 40-44 | 2,148,842 | 2,497,439 | 3,038,628 | 3,378,185 | 4,053,425 |
| 45-49 | 1,544,618 | 2,080,216 | 2,424,122 | 2,957,629 | 3,296,364 |
| 50-54 | 1,361,012 | 1,474,499 | 1,992,871 | 2,329,803 | 2,852,582 |
| 55-59 | 877,158 | 1,271,499 | 1,383,402 | 1,878,238 | 2,204,938 |
| 60-64 | 754,869 | 791,896 | 1,154,959 | 1,263,750 | 1,726,218 |
| 65-69 | 507,251 | 644,770 | 682,982 | 1,004,327 | 1,107,759 |
| 70-74 | 450,535 | 399,933 | 512,345 | 550,415 | 818,298 |
| 75-79 | 260,069 | 314,127 | 284,295 | 368,097 | 403,518 |
| 80+ | 368,801 | 301,462 | 304,884 | 298,799 | 345,621 |
| **Total** | **47,918,225** | **55,966,030** | **65,139,734** | **75,421,780** | **86,871,546** |

**Source:** National Bureau of Statistics (Based on 2012 Population and Housing Census)

**Table C. 6: Population Projections by Age Group and Sex , Tanzania Zanzibar, 2015 – 2035**

**Number**

| Age Group | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|---|---|---|---|---|
| **Male** | | | | | |
| 0-4 | 119,565 | 136,180 | 135,366 | 134,248 | 136,519 |
| 5-9 | 100,734 | 116,658 | 133,438 | 133,053 | 132,282 |
| 10-14 | 83,769 | 99,763 | 115,641 | 132,441 | 132,184 |
| 15-19 | 79,559 | 82,987 | 98,902 | 114,753 | 131,500 |
| 20-24 | 63,175 | 78,368 | 81,824 | 97,606 | 113,384 |
| 25-29 | 51,564 | 62,036 | 77,051 | 80,550 | 96,209 |
| 30-34 | 41,802 | 50,592 | 60,946 | 75,799 | 79,343 |
| 35-39 | 35,868 | 40,936 | 49,621 | 59,865 | 74,563 |
| 40-44 | 31,333 | 34,998 | 40,016 | 48,584 | 58,718 |
| 45-49 | 24,047 | 30,397 | 34,020 | 38,980 | 47,413 |
| 50-54 | 21,959 | 23,057 | 29,211 | 32,774 | 37,640 |
| 55-59 | 15,658 | 20,718 | 21,817 | 27,718 | 31,185 |
| 60-64 | 11,690 | 14,413 | 19,127 | 20,217 | 25,771 |
| 65-69 | 7,360 | 10,248 | 12,732 | 16,962 | 18,015 |
| 70-74 | 5,775 | 6,016 | 8,399 | 10,555 | 14,126 |
| 75-79 | 2,672 | 4,137 | 4,404 | 6,166 | 7,876 |
| 80+ | 2,878 | 2,655 | 3,340 | 3,913 | 5,133 |
| **Total** | **699,408** | **814,159** | **925,855** | **1,034,184** | **1,141,861** |
| **Female** | | | | | |
| 0-4 | 117,379 | 133,671 | 132,879 | 131,824 | 134,022 |
| 5-9 | 100,436 | 114,974 | 131,504 | 131,162 | 130,463 |
| 10-14 | 84,539 | 99,631 | 114,187 | 130,777 | 130,572 |
| 15-19 | 80,627 | 83,913 | 98,988 | 113,557 | 130,154 |
| 20-24 | 74,311 | 79,824 | 83,169 | 98,205 | 112,781 |
| 25-29 | 63,179 | 73,406 | 78,945 | 82,350 | 97,346 |
| 30-34 | 51,656 | 62,300 | 72,482 | 78,070 | 81,543 |
| 35-39 | 40,423 | 50,851 | 61,428 | 71,587 | 77,215 |
| 40-44 | 36,795 | 39,635 | 49,959 | 60,463 | 70,579 |
| 45-49 | 24,462 | 35,911 | 38,758 | 48,950 | 59,354 |
| 50-54 | 27,190 | 23,693 | 34,857 | 37,696 | 47,721 |
| 55-59 | 12,537 | 26,021 | 22,735 | 33,528 | 36,363 |
| 60-64 | 10,602 | 11,763 | 24,493 | 21,474 | 31,797 |
| 65-69 | 5,986 | 9,532 | 10,667 | 22,310 | 19,672 |
| 70-74 | 5,894 | 5,048 | 8,048 | 9,132 | 19,246 |
| 75-79 | 2,385 | 4,397 | 3,846 | 6,142 | 7,134 |
| 80+ | 3,374 | 2,869 | 3,746 | 3,975 | 5,412 |
| **Total** | **741,775** | **857,439** | **970,691** | **1,081,202** | **1,191,374** |

**Table C. 6 (ctd): Population Projections by Age Group and Sex , Tanzania Zanzibar, 2015 – 2035**

**Number**

| Age Group | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|---|---|---|---|---|
| **Both Sexes** | | | | | |
| 0-4 | 236,944 | 269,851 | 268,245 | 266,072 | 270,541 |
| 5-9 | 201,170 | 231,632 | 264,942 | 264,215 | 262,745 |
| 10-14 | 168,308 | 199,394 | 229,828 | 263,218 | 262,756 |
| 15-19 | 160,186 | 166,900 | 197,890 | 228,310 | 261,654 |
| 20-24 | 137,486 | 158,192 | 164,993 | 195,811 | 226,165 |
| 25-29 | 114,743 | 135,442 | 155,996 | 162,900 | 193,555 |
| 30-34 | 93,458 | 112,892 | 133,428 | 153,869 | 160,886 |
| 35-39 | 76,291 | 91,787 | 111,049 | 131,452 | 151,778 |
| 40-44 | 68,128 | 74,633 | 89,975 | 109,047 | 129,297 |
| 45-49 | 48,509 | 66,308 | 72,778 | 87,930 | 106,767 |
| 50-54 | 49,149 | 46,750 | 64,068 | 70,470 | 85,361 |
| 55-59 | 28,195 | 46,739 | 44,552 | 61,246 | 67,548 |
| 60-64 | 22,292 | 26,176 | 43,620 | 41,691 | 57,568 |
| 65-69 | 13,346 | 19,780 | 23,399 | 39,272 | 37,687 |
| 70-74 | 11,669 | 11,064 | 16,447 | 19,687 | 33,372 |
| 75-79 | 5,057 | 8,534 | 8,250 | 12,308 | 15,010 |
| 80+ | 6,252 | 5,524 | 7,086 | 7,888 | 10,545 |
| **Total** | **1,441,183** | **1,671,598** | **1,896,546** | **2,115,386** | **2,333,235** |

**Source:** National Bureau of Statistics (Based on 2012 Population and Housing Census)

# D:

# LABOUR STATISTICS

# D. Labour Statistics

## Labour Statistics

The National Bureau of Statistics collects data on Employment through three major surveys: the Labour Force Survey, Informal Sector Survey and the Annual Survey of Employment and Earnings. Labour Force Survey and Informal Sector Survey are household based surveys whereas the Employment and Earnings Survey is an establishment based survey. Household based surveys are supposed to be conducted after every five years. The latest available data on labour force are from the 2014 Integrated Labour Force Survey, which covered both rural and urban areas.

**Integrated Labour Force Survey**

Integrated Labour Force Survey collects information through four major modules; labour force general, informal sector, child labour and time use.

**Main Concepts and Definitions of LabourStatistics**

**Economically Active Population**: Persons who supply labour for the production of goods and services for the market, barter or home consumption. Includes paid employees, self – employed persons and unpaid family workers, but excludes persons engaged in domestic activities, such as taking care of children and cooking food for own family.

**Currently Economically Active**: Persons who were either employed or unemployed in the reference week.

- ***Employed Persons***: Persons who did one hour or more of work in the reference period either for payment in cash or in kind or who were self-employed for profit or family gain, plus persons temporarily absent from these activities but were definitely going to return to them (e.g. on leave or sick).

- ***Underemployed Persons:*** A person is classified as underemployed if she/he worked less than forty (40) hours in the reference week and states that she/he was available for more work in that reference week.

- ***Unemployed Persons***: Persons who were not employed as defined above but who stated that they were available for work.

**Currently not Economically Active**: Persons who were neither employed nor unemployed in the reference period. These include persons doing solely unpaid domestic work in their own houses, studying or persons not working because they were sick or retired.

**Participation Rate**: Number of economically active persons in a given group divided by total persons in that group and expressed usually as a percentage.

***NB: The figures in the following tables are based on Standard Definition of Employment***

**Table D. 1: Current Labour Force Status of Population of Age 15 and Above by Sex and Age Group, Tanzania Mainland, 2014**

**Number**

| Age Group | Employed | Unemployed | Total Labour Force | Inactive | Total |
|---|---|---|---|---|---|
| **Male** | | | | | |
| 15 - 24 | 2,649,692 | 336,609 | 2,986,301 | 865,859 | 3,852,160 |
| 25 -34 | 2,627,964 | 181,404 | 2,809,368 | 105,045 | 2,914,413 |
| 35 -64 | 4,296,455 | 326,397 | 4,622,852 | 99,032 | 4,721,884 |
| 65 + | 569,289 | 58,631 | 627,920 | 243,061 | 870,981 |
| **Sub-Total** | **10,143,400** | **903,041** | **11,046,441** | **1,312,997** | **12,359,438** |
| **Female** | | | | | |
| 15 - 24 | 2,579,363 | 495,815 | 3,075,178 | 968,156 | 4,043,334 |
| 25 -34 | 2,623,019 | 391,885 | 3,014,904 | 326,110 | 3,341,014 |
| 35 -64 | 4,216,367 | 433,965 | 4,650,332 | 386,940 | 5,037,272 |
| 65 + | 467,989 | 67,079 | 535,068 | 433,989 | 969,057 |
| **Sub-Total** | **9,886,738** | **1,388,744** | **11,275,482** | **2,115,195** | **13,390,677** |
| **Total** | **20,030,138** | **2,291,785** | **22,321,923** | **3,428,192** | **25,750,115** |

**Source:** National Bureau of Statistics (Integrated Labour Force Survey, 2014)

**Table D. 2: Number of Dependants and Working Age Population by Area, Tanzania Mainland, 2014**

| Item | Dar es Salaam | Other Urban | Rural | Total |
|---|---|---|---|---|
| Dependants (0 – 14 years) | 1,558,327 | 4,564,468 | 13420,907 | 19,543,702 |
| Working age population (15+ years) | 3,224,946 | 6,752,398 | 15,772,772 | 25,750,116 |
| **Total** | **4,783,273** | **11,316,865** | **29,193,679** | **45,293,817** |

**Source**: National Bureau of Statistics (Integrated Labour Force Survey, 2014)

**Table D. 3: Distribution of Working Age Population (15 years and above) by Sex, Age Group and Area, Tanzania Mainland, 2014**

**Number**

| Sex | Age Group | Dar-es-Salaam | Other Urban | Rural | Total |
|---|---|---|---|---|---|
| Male | 15 - 24 | 424,121 | 996,672 | 2,431,367 | 3,852,160 |
| | 25 -34 | 443,321 | 794,464 | 1,676,628 | 2,914,413 |
| | 35 -64 | 619,249 | 1,201,727 | 2,900,908 | 4,721,885 |
| | 65 + | 51,905 | 150,519 | 668,556 | 870,980 |
| | **Sub Total** | **1,538,596** | **3,143,382** | **7,677,459** | **12,359,437** |
| Female | 15 - 24 | 554,983 | 1,167,897 | 2,320,454 | 4,043,334 |
| | 25 -34 | 528,675 | 983,883 | 1,828,457 | 3,341,015 |
| | 35 -64 | 552,803 | 1,245,437 | 3,239,032 | 5,037,272 |
| | 65 + | 49,888 | 211,799 | 707,370 | 969,057 |
| | **Sub Total** | **1,686,349** | **3,609,016** | **8,095,313** | **13,390,678** |
| | **Total** | **3,224,946** | **6,752,398** | **15,772,772** | **25,750,116** |

**Source:** National Bureau of Statistics (Integrated Labour Force Survey, 2014)

**Table D. 4: Distribution of Employed Population of Age 15 Years and Above by Sector and Sex, Tanzania Mainland, 2014**

**Number**

| Sector | Male | Female | Total |
|---|---|---|---|
| Central and local government | 365,993 | 266,494 | 632,487 |
| Parastatal organisations | 59,306 | 13,351 | 72,657 |
| Agriculture | 6,016,199 | 6,141,933 | 12,158,132 |
| Private informal sector | 1,937,860 | 1,782,442 | 3,720,302 |
| Private other sector | 1,253,331 | 653,334 | 1,906,664 |
| Household duties | 510,711 | 1,029,184 | 1,539,895 |
| **Total** | **10,143,400** | **9,886,739** | **20,030,139** |

**Source**: National Bureau of Statistics (Integrated Labour Force Survey, 2014)

**Table D. 5: Distribution of Employed Population of Age 15 Years and Above by the Status of Employment in Main Activity and Sex, Tanzania Mainland, 2014**

**Number**

| Status of Employment in Main Activity | Male | Female | Total |
|---|---|---|---|
| Paid Employees | 1,825,648 | 954,450 | 2,780,099 |
| Self Employed in non-agriculture with employees | 397,844 | 164,933 | 562,777 |
| Self Employed in non-agriculture without employees | 1,565,615 | 1,610,498 | 3,176,113 |
| Unpaid family helper in non-agriculture | 108,072 | 261,503 | 369,574 |
| Unpaid family helper in agriculture | 2,073,190 | 4,842,883 | 6,916,074 |
| Work on own farm in Agriculture | 4,173,031 | 2,052,471 | 6,225,502 |
| **Total** | **10,143,400** | **9,886,739** | **20,030,139** |

**Source:** National Bureau of Statistics (Integrated Labour Force Survey, 2014)

**Table D. 6: Number of Precarious Workers of Age 15 Years and Above by Sector and Sex, Tanzania Mainland, 2014**

| Sectors of Employment | Male | Female | Total |
|---|---|---|---|
| Central and local government | 9,347 | 2,139 | 11,487 |
| Parastatal organisations | 6,185 | 860 | 7,045 |
| Agriculture | 88,602 | 14,409 | 103,011 |
| Private informal sector | 4,423 | 989 | 5,412 |
| Private other sector | 409,535 | 219,348 | 628,884 |
| Household duties | 2,161 | 3,696 | 5,856 |
| **Total** | **520,254** | **241,442** | **761,696** |

**Source**: National Bureau of Statistics (Integrated Labour Force Survey, 2014)

**Table D. 7: Number of Discouraged Job Seekers of Age 15 Years and Above by Area and Sex, Tanzania Mainland, 2014**

| Area | Male | Female | Total |
|---|---|---|---|
| Dar es Salaam | 18,739 | 82,166 | 100,906 |
| Other Urban | 8,360 | 20,509 | 28,869 |
| Rural | 7,190 | 0 | 7,190 |
| **Total** | **34,289** | **102,675** | **136,964** |

**Source**: National Bureau of Statistics (Integrated Labour Force Survey, 2014)

**Table D. 8: Distribution of Youth Population (15-35 Years) by Current Economic Activity Status, Area and Sex, Tanzania Mainland, 2014**

**Number**

| Current Economic Activity Status | Area | Male | Female | Total |
|---|---|---|---|---|
| Employed | Dar es Salaam | 565,851 | 468,503 | 1,034,354 |
| | Other Urban | 1,420,682 | 1,517,475 | 2,938,156 |
| | Rural | 3,577,226 | 3,458,073 | 7,035,298 |
| | **Sub Total** | **5,563,759** | **5,444,050** | **11,007,809** |
| Unemployed | Dar es Salaam | 112,951 | 304,473 | 417,424 |
| | Other Urban | 130,619 | 286,663 | 417,282 |
| | Rural | 299,540 | 328,936 | 628,476 |
| | **Sub Total** | **543,109** | **920,073** | **1,463,182** |
| Inactive | Dar es Salaam | 237,111 | 357,305 | 594,416 |
| | Other Urban | 335,422 | 438,194 | 773,616 |
| | Rural | 400,177 | 522,362 | 922,539 |
| | **Sub Total** | **972,710** | **1,317,861** | **2,290,571** |
| | **Total** | **7,079,578** | **7,681,984** | **14,761,562** |

**Source:** National Bureau of Statistics (Integrated Labour Force Survey, 2014)

**Table D. 9: Number of Paid Employees of Age 15 Years and Above by Monthly Income Group (TZS) and Sex, Tanzania Mainland, 2014**

| Income Group in TZS | Male | Female | Total |
|---|---|---|---|
| Under 65,001 | 428,501 | 253,790 | 682,291 |
| 65,001 – 150,000 | 491,288 | 296,540 | 787,828 |
| 150,001 – 300,000 | 526,028 | 183,125 | 709,154 |
| 300,001 – 500,000 | 344,593 | 163,804 | 508,398 |
| 500,001 – 900,000 | 260,102 | 122,617 | 382,719 |
| 900,001 – 1,200,000 | 36,243 | 20,370 | 56,612 |
| 1,200,001 – 1,500,000 | 40,057 | 8,171 | 48,228 |
| 1,500,001 and above | 29,881 | 7,242 | 37,123 |
| **Total** | **2,156,692** | **1,055,661** | **3,212,353** |

**Source:** National Bureau of Statistics (Integrated Labour Force Survey, 2014)

**Table D. 10: Distribution of Employed Population of Age 15 Years or Above by Industry and Sector, Tanzania Mainland, 2014**

**Number**

| Industry | Central and local government | Parastatal organization | Private sector (agriculture) | Private informal sector | Private sector (non agriculture) | Household duties | Total |
|---|---|---|---|---|---|---|---|
| Agriculture, forestry and fishing | 6,869 | 1,276 | 12,115,035 | 37,832 | 88,602 | 1,160,201 | 13,409,814 |
| Mining and quarrying | 1,107 | 523 | 0 | 191,134 | 19,305 | 5,955 | 218,024 |
| Manufacturing | 5,922 | 2,056 | 15,045 | 407,792 | 157,811 | 26,696 | 615,323 |
| Electricity, gas, steam and air conditioning supply | 1,991 | 13,210 | 0 | 1,918 | 2,480 | 0 | 19,598 |
| Water supply; sewage, waste management and remediation activities | 2,883 | 4,947 | 0 | 1,769 | 3,344 | 441 | 13,385 |
| Construction | 8,435 | 1,221 | 2,385 | 234,786 | 172,746 | 2,823 | 422,395 |
| Wholesale and retail trade; repair of motor vehicles and motorcycles | 3,728 | 3,905 | 19,893 | 1,911,578 | 334,968 | 254,698 | 2,528,771 |
| Transportation and storage | 7,687 | 10,392 | 371 | 178,182 | 317,806 | 7,261 | 521,698 |
| Accommodation and food service activities | 0 | 0 | 1,067 | 540,091 | 191,079 | 54,801 | 787,038 |
| Information and communication | 98 | 2,940 | 0 | 5,751 | 20,966 | 979 | 30,734 |
| Financial and insurance activities | 2,811 | 5,808 | 0 | 10,848 | 39,030 | 2,110 | 60,607 |
| Real estate activities | 0 | 1,348 | 0 | 3,827 | 841 | 0 | 6,016 |
| Professional, scientific and technical activities | 13,341 | 824 | 0 | 10,327 | 9,026 | 0 | 33,519 |
| Administrative and support service activities | 9,746 | 9,635 | 0 | 21,572 | 87,982 | 617 | 129,551 |
| Public administration and defence; compulsory social security | 174,691 | 1,679 | 840 | 542 | 15,186 | 0 | 192,939 |
| Education | 304,688 | 8,326 | 0 | 9,587 | 90,391 | 718 | 413,710 |
| Human health and social work activities | 84,867 | 4,567 | 522 | 24,987 | 52,299 | 0 | 167,242 |
| Arts, entertainment and recreation | 0 | 0 | 257 | 9,992 | 10,397 | 258 | 20,904 |
| Other service activities | 3,624 | 0 | 0 | 116,243 | 81,120 | 7,384 | 208,371 |
| Activities of households as employers; undifferentiated good | 0 | 0 | 2,716 | 1,544 | 209,547 | 14,953 | 228,760 |
| Activities of extraterritorial organizations and bodies | 0 | 0 | 0 | 0 | 1,740 | 0 | 1,740 |
| **Total** | **632,487** | **72,657** | **12,158,132** | **3,720,302** | **1,906,664** | **1,539,895** | **20,030,139** |

**Source:** National Bureau of Statistics (Integrated Labour Force Survey – 2014

# E:

# NATIONAL ACCOUNTS, PUBLIC FINANCE AND PARASTATAL ACCOUNTS

# E. National Accounts, Public Finance and Parastatal Accounts

## 1.0 Historical Background

The revision of National Accounts aims at enhancing the quality of National Accounts estimates and better portray the economic activities in the country and ensure international comparability in accordance with the United Nations System of National Accounts 1993 (SNA 1993) and 2008. The revised UN guidelines such as ISIC and COICOP are also accommodated during revision of National Accounts.

The history of National Accounts compilation in Tanzania Mainland dates back to the year 1954. Since then, improvements have been made in the methodologies used. The previous series of National Accounts main aggregates were based on the concepts and classification prescribed in the United Nations System of National Accounts of 1953, 1968 and 1993 and 2008.

The first revision of National Accounts in Tanzania referred to the year 1966 and was based on the 1953 SNA. The second revision was done for the year 1976 based on the 1968 SNA. The third revision was for the year 1992 based on the 1968 and partly on 1993 SNAs. The fourth revision was for year 2001 based on 1993 SNA. The current revision of National Accounts is for the year 2007 and is based on the 1993 and 2008 SNAs.

## 1.1 The Need for Change of the Benchmark and Revision of National Accounts

The benchmark estimates are for the reference year to which constant prices refer. For example, for GDP at constant 2007 prices, the benchmark year is 2007. The reasons for the choice of a year as a benchmark include the availability of relevant data collected from different surveys in the country that were not yet incorporated in the national accounts system. The revision of National Accounts involves extrapolation of the benchmark year estimates to the years preceding or succeeding the benchmark year.

The 2007 change of benchmark and revision of National Accounts estimates for Tanzania Mainland were done mainly because the 2001 benchmark was out of date and did not reflect the structural changes that had occurred in the economy. Therefore, the revision was done in order to

i) Integrate changes that have taken place especially in the patterns of production, consumption and investment in the economy;

ii) account for the relative price changes over time. As the base year becomes remote, such changes make the prices irrelevant;

iii) integrate products in the economy; as continuous developments and innovations lead to new products to appear in the market while obsolescence causes old products to disappear from the market;

iv) incorporate all the new data available in different sectors, new surveys such as household surveys; and

v) accommodate in the compilation of National Accounts Statistics in Tanzania revised requirements in accordance with the 1993 and 2008 SNAs. The methodological guideline changes need to be accommodated accordingly.

## 1.2 Definitions

***Gross Domestic Product at Market Prices*** is the producers' value of the gross outputs of resident producers, less the purchasers' value of their intermediate consumption. In simpler words it is the market value of all final goods and services produced by the resident producers of Tanzania before deduction of allowances for depreciation of capital equipment. It is equal to the sum of consumption expenditure, gross domestic capital formation and net exports of goods and services of Tanzania.

***Gross Domestic Product at Factor Cost*** is the gross domestic product at market prices less excess of indirect taxes over subsidies.

***National Income at Market Prices*** is the sum of compensation of resident employees, the excess of the property and entrepreneurial income receivable by resident economic agents over the property and entrepreneurial income payable by them and indirect taxes net of subsidies.

***Gross Fixed Capital Formation*** are the outlays (purchases and own account construction) on additions of new durable goods (commodities) to their stock of fixed assets less their net sales of similar second-hand and scrapped goods. Excluded are outlays of households on durable goods and government's outlays on goods for military use. It includes the acquisition of breeding stock, drought animals and dairy cattle.

***Parastatal Enterprises*** are commercial enterprises owned by government or with majority government participation and whose accounts are not directly integrated into government budgets.

**Figure E. 1: Percentage Shares (before FISIM and Taxes adjustment) of Gross Domestic Product at Current Prices by Economic Activity; Tanzania Mainland, 2016.**

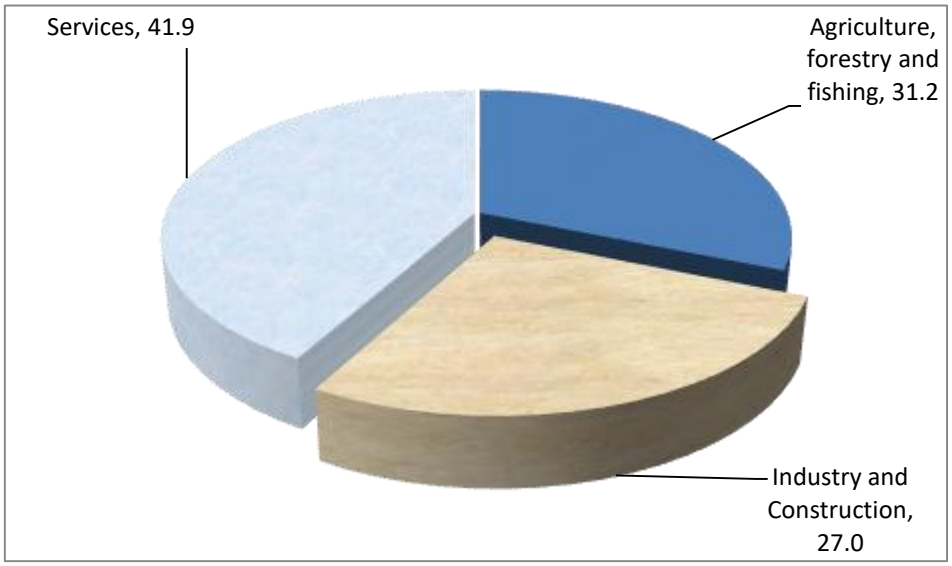



**Table E. 1: Gross Domestic Product (2007 = 100) at Current Basic Prices and Current Market Prices; Tanzania Mainland, 2010 – 2016**

**Mill. TZS**

| Item | 2007 | 2012 | 2013 | 2014 | 2015r | 2016p |
|---|---|---|---|---|---|---|
| GDP (at current basic prices) | 24,948,888 | 57,563,488 | 66,472,842 | 73,264,831 | 83,747,037 | 95,702,634 |
| Taxes on Products | 1,821,544 | 3,870,726 | 4,480,385 | 6,453,585 | 7,116,789 | 8,041,972 |
| GDP (at current market prices) | 26,770,432 | 61,434,214 | 70,953,227 | 79,718,416 | 90,863,827 | 103,744,606 |

**Source**: National Bureau of Statistics

**Table E. 2: 2007 GDP at 2001 and 2007 Current Prices and Level of Change by Economic Activity; Tanzania Mainland**

| Economic Activity | 2007 GDP (Million TZS) | | | Level of Change (percent) |
|---|---|---|---|---|
| | 2001 Prices | 2007 Prices | Level Change | |
| Crops, Hunting , Livestock and Forestry | 5,413,257 | 6,756,585 | 1,343,328 | 24.8 |
| Fishing | 277,189 | 424,772 | 147,583 | 53.2 |
| Mining and Quarrying | 742,932 | 935,412 | 192,480 | 25.9 |
| Manufacturing | 1,625,504 | 1,880,032 | 254,528 | 15.7 |
| Electricity and Gas | 335,898 | 232,622 | -103,276 | -30.7 |
| Water | 84,982 | 240,898 | 155,916 | 183.5 |
| Construction | 1,641,741 | 2,117,074 | 475,333 | 29.0 |
| Trade and Repair | 2,416,506 | 2,645,347 | 228,841 | 9.5 |
| Hotel and Restaurant | 559,722 | 481,997 | -77,725 | -13.9 |
| Transport | 886,844 | 1,572,854 | 686,010 | 77.4 |
| Communication | 487,132 | 615,066 | 127,934 | 26.3 |

| Economic Activity | 2007 GDP (Million TZS) | | | Level of Change (percent) |
|---|---|---|---|---|
| | 2001 Prices | 2007 Prices | Level Change | |
| Financial Intermediation | 345,000 | 756,075 | 411,075 | 119.2 |
| Real Estate and Business Services | 1,982,107 | 2,713,053 | 730,946 | 36.9 |
| Public Administration | 1,652,556 | 2,179,164 | 526,608 | 31.9 |
| Education | 289,617 | 851,208 | 561,591 | 193.9 |
| Health | 327,658 | 438,415 | 110,757 | 33.8 |
| Other Social and Personal Services | 129,482 | 439,318 | 309,836 | 239.3 |
| GVA before adjustment | 19,198,125 | 25,279,890 | 6,081,765 | 31.7 |
| Less FISM | -208,281 | -331,002 | -122,721 | 58.9 |
| Add Net taxes on products | 1,958,559 | 1,821,544 | -137,015 | -7.0 |
| GDP at Market Prices | 20,948,403 | 26,770,432 | 5,822,029 | 27.8 |

**Source:** Revised National Accounts for Tanzania Mainland, Base Year, 2007

**Table E. 3: Percentage Shares of 2007 GDP (at 2001 and 2007) Current Prices, by Economic Activity; Tanzania Mainland**

| Economic Activity | Share of 2007 GDP | |
|---|---|---|
| | 2001 Prices | 2007 Prices |
| Crops, Hunting, Livestock and Forestry | 25.8 | 25.2 |
| Fishing | 1.3 | 1.6 |
| Mining and Quarrying | 3.5 | 3.5 |
| Manufacturing | 7.8 | 7.0 |
| Electricity and Gas | 1.6 | 0.9 |
| Water | 0.4 | 0.9 |
| Construction | 7.8 | 7.9 |
| Trade and Repair | 11.5 | 9.9 |
| Hotel and Restaurant | 2.7 | 1.8 |
| Transport | 4.2 | 5.9 |
| Communication | 2.3 | 2.3 |
| Financial Intermediation | 1.6 | 2.8 |
| Real Estate and Business Services | 9.5 | 10.1 |
| Public Administration | 7.9 | 8.1 |
| Education | 1.4 | 3.2 |
| Health | 1.6 | 1.6 |
| Other Social and Personal Services | 0.6 | 1.6 |
| **GVA before adjustment** | **91.6** | **94.4** |
| **Less FISIM** | -1.0 | -1.2 |
| **Add Net taxes on products** | 9.3 | 6.8 |
| **GDP at Market Prices** | **100.0** | **100.0** |

**Source:** Revised National Accounts for Tanzania Mainland, Base Year, 2007

**Table E. 4: Gross Domestic Product at Current Market Prices by Economic Activity, Tanzania Mainland, 2007 – 2016**

**(Mill. TZS)**

| | Economic Activity | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | ***Agriculture, forestry and fishing*** | ***7,181,357*** | ***9,432,725*** | ***11,407,717*** | ***13,110,123*** | ***15,488,232*** | ***19,095,551*** | ***22,129,214*** | ***22,969,225*** | ***26,346,673*** | ***30,160,064*** |
| | Crops | 3,603,539 | 5,013,561 | 6,036,056 | 7,285,021 | 8,686,663 | 11,035,044 | 12,413,982 | 12,851,664 | 14,193,178 | 16,100,130 |
| | Livestock | 2,513,284 | 3,062,768 | 3,643,718 | 3,968,924 | 4,572,949 | 5,194,037 | 5,839,240 | 5,843,715 | 7,135,172 | 7,962,471 |
| | Forestry | 639,762 | 752,278 | 881,217 | 956,104 | 1,146,811 | 1,507,793 | 2,167,981 | 2,492,043 | 3,146,646 | 4,041,455 |
| | Fishing | 424,772 | 604,118 | 846,726 | 900,074 | 1,081,809 | 1,358,678 | 1,708,011 | 1,781,803 | 1,871,677 | 2,056,008 |
| | ***Industry and Construction*** | ***5,406,038*** | ***6,700,408*** | ***7,018,516*** | ***8,900,127*** | ***12,026,624*** | ***13,393,627*** | ***16,108,617*** | ***18,516,194*** | ***22,093,942*** | ***26,096,526*** |
| B | Mining and quarrying | 935,412 | 991,017 | 1,073,019 | 1,779,711 | 2,688,584 | 3,001,179 | 2,986,466 | 2,923,420 | 3,659,599 | 4,975,991 |
| C | Manufacturing | 1,880,032 | 2,283,594 | 2,597,316 | 3,021,536 | 4,031,541 | 4,599,919 | 4,575,334 | 4,445,568 | 4,768,917 | 5,305,097 |
| D | Electricity supply | 232,622 | 306,628 | 354,862 | 406,272 | 303,444 | 533,283 | 546,670 | 874,306 | 898,681 | 914,940 |
| E | Water supply; sewerage, waste management | 240,898 | 247,646 | 264,520 | 261,294 | 247,825 | 275,053 | 325,969 | 373,549 | 392,557 | 422,698 |
| F | Construction | 2,117,074 | 2,871,523 | 2,728,799 | 3,431,314 | 4,755,231 | 4,984,193 | 7,674,179 | 9,899,350 | 12,374,188 | 14,477,799 |
| | ***Services*** | ***12,692,496*** | ***14,748,265*** | ***17,147,365*** | ***19,386,862*** | ***22,544,171*** | ***25,712,641*** | ***29,102,168*** | ***32,605,809*** | ***36,344,236*** | ***40,528,088*** |
| G | Wholesale and retail trade; repairs | 2,645,347 | 3,193,697 | 3,744,883 | 4,426,467 | 5,571,372 | 6,389,279 | 7,271,716 | 8,378,449 | 9,714,665 | 11,091,210 |
| H | Transport and storage | 1,572,854 | 1,969,499 | 2,320,841 | 2,537,407 | 2,728,970 | 2,733,618 | 2,986,347 | 3,438,077 | 3,864,482 | 4,473,876 |
| I | Accommodation and food services | 481,997 | 559,793 | 680,669 | 720,772 | 733,958 | 887,972 | 902,810 | 872,341 | 957,268 | 1,048,728 |
| J | Information and communication | 615,066 | 722,548 | 912,732 | 1,151,748 | 1,244,894 | 1,454,665 | 1,624,384 | 1,700,411 | 1,809,897 | 2,025,901 |
| K | Financial and insurance activities | 756,075 | 959,279 | 1,178,853 | 1,408,477 | 1,772,783 | 2,070,163 | 2,308,705 | 2,694,444 | 3,254,440 | 3,731,191 |
| L | Real estate | 1,601,266 | 1,716,408 | 1,921,328 | 2,036,908 | 2,277,778 | 2,612,765 | 2,672,147 | 2,955,417 | 2,932,490 | 3,062,480 |
| M | Professional, scientific and technical activities | 318,677 | 450,188 | 552,630 | 728,207 | 813,502 | 810,126 | 902,695 | 1,003,126 | 1,103,124 | 1,228,052 |
| N | Administrative and support service activities | 793,110 | 850,083 | 895,051 | 978,846 | 1,098,620 | 1,427,909 | 1,711,730 | 2,003,202 | 2,160,207 | 2,289,112 |
| O | Public administration and defence | 2,179,164 | 2,282,704 | 2,511,953 | 2,668,756 | 3,338,192 | 4,017,280 | 4,936,071 | 5,227,502 | 5,852,605 | 6,499,975 |
| P | Education | 851,208 | 1,007,308 | 1,193,228 | 1,380,170 | 1,463,767 | 1,607,317 | 1,893,665 | 2,172,080 | 2,309,345 | 2,425,025 |
| Q | Human health and social work activities | 438,415 | 532,163 | 663,618 | 735,665 | 820,894 | 919,307 | 1,019,987 | 1,151,978 | 1,275,702 | 1,429,936 |
| R | Arts, entertainment and recreation | 91,527 | 105,579 | 114,977 | 125,499 | 144,046 | 169,112 | 188,996 | 221,912 | 241,508 | 275,199 |
| S | Other service activities | 254,462 | 294,114 | 344,078 | 366,539 | 406,498 | 472,947 | 534,380 | 619,835 | 690,814 | 762,419 |
| T | Activities of households as employers; | 93,329 | 104,904 | 112,524 | 121,402 | 128,896 | 140,180 | 148,536 | 167,035 | 177,691 | 184,984 |
| | FISIM, unallocated | -331,002 | -289,027 | -327,342 | -376,200 | -557,921 | -638,332 | -867,157 | -826,396 | -1,037,814 | -1,082,044 |
| | **All economic activities** | **24,948,888** | **30,592,371** | **35,246,256** | **41,020,912** | **49,501,106** | **57,563,488** | **66,472,842** | **73,264,831** | **83,747,037** | **95,702,634** |
| | Taxes on products | 1,821,544 | 2,172,568 | 2,480,568 | 2,815,106 | 3,261,475 | 3,870,726 | 4,480,385 | 6,453,585 | 7,116,789 | 8,041,972 |
| | **GDP at market prices** | **26,770,432** | **32,764,940** | **37,726,824** | **43,836,018** | **52,762,581** | **61,434,214** | **70,953,227** | **79,718,416** | **90,863,827** | **103,744,606** |

**Source:** National Bureau of Statistics

**Table E. 5: Gross Domestic Product (Monetary and Non-monetary) at Current Market Prices by Economic Activity; Tanzania Mainland, 2007 - 2016**

**(Mill. TZS)**

| | Economic Activity | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **A: Monetary** | | | | | | | | | | |
| | **Gross Domestic Product at market prices** | **23,543,117** | **28,604,090** | **33,070,963** | **38,502,579** | **46,458,468** | **54,048,498** | **62,664,164** | **70,541,393** | **80,548,392** | **92,521,268** |
| A | ***Agriculture, forestry and fishing*** | ***4,447,586*** | ***5,820,186*** | ***7,282,504*** | ***8,346,157*** | ***9,869,070*** | ***12,422,453*** | ***14,678,539*** | ***14,663,740*** | ***17,132,499*** | ***20,049,615*** |
| | Crops | 2,035,868 | 2,813,995 | 3,387,898 | 4,088,913 | 4,875,621 | 6,395,435 | 7,330,008 | 7,117,935 | 8,090,112 | 9,355,050 |
| | Livestock | 1,600,935 | 1,950,951 | 2,526,106 | 2,787,330 | 3,228,196 | 3,738,520 | 4,204,253 | 4,124,744 | 5,137,324 | 6,079,921 |
| | Forestry | 397,287 | 467,159 | 547,229 | 593,733 | 712,161 | 965,141 | 1,487,508 | 1,699,651 | 2,108,253 | 2,653,614 |
| | Fishing | 413,496 | 588,082 | 821,271 | 876,181 | 1,053,092 | 1,323,358 | 1,656,771 | 1,721,410 | 1,796,810 | 1,961,029 |
| | ***Industry and Construction*** | ***5,003,068*** | ***6,260,761*** | ***6,593,837*** | ***8,441,110*** | ***11,465,514*** | ***12,813,072*** | ***15,421,036*** | ***17,790,823*** | ***21,109,981*** | ***25,114,427*** |
| B | Mining and quarrying | 935,412 | 991,017 | 1,073,019 | 1,779,711 | 2,688,584 | 3,001,179 | 2,986,466 | 2,923,420 | 3,659,599 | 4,975,991 |
| C | Manufacturing | 1,880,032 | 2,283,594 | 2,597,316 | 3,021,536 | 4,031,541 | 4,599,919 | 4,575,334 | 4,445,568 | 4,768,917 | 5,305,097 |
| D | Electricity supply | 232,622 | 306,628 | 354,862 | 406,272 | 303,444 | 533,283 | 546,670 | 874,306 | 898,681 | 914,940 |
| E | Water supply; sewerage, waste management | 163,890 | 168,482 | 179,961 | 177,767 | 168,603 | 189,885 | 224,918 | 263,472 | 274,789 | 291,387 |
| F | Construction | 1,791,111 | 2,511,041 | 2,388,679 | 3,055,825 | 4,273,342 | 4,488,806 | 7,087,648 | 9,284,056 | 11,507,995 | 13,627,011 |
| | ***Services*** | ***12,601,921*** | ***14,639,601*** | ***17,041,396*** | ***19,276,406*** | ***22,420,330*** | ***25,580,579*** | ***28,951,361*** | ***32,459,641*** | ***36,226,937*** | ***40,397,299*** |
| G | Wholesale and retail trade; repairs | 2,645,347 | 3,193,697 | 3,744,883 | 4,426,467 | 5,571,372 | 6,389,279 | 7,271,716 | 8,378,449 | 9,714,665 | 11,091,210 |
| H | Transport and storage | 1,572,854 | 1,969,499 | 2,320,841 | 2,537,407 | 2,728,970 | 2,733,618 | 2,986,347 | 3,438,077 | 3,864,482 | 4,473,876 |
| I | Accommodation and food services | 481,997 | 559,793 | 680,669 | 720,772 | 733,958 | 887,972 | 902,810 | 872,341 | 957,268 | 1,048,728 |
| J | Information and communication | 615,066 | 722,548 | 912,732 | 1,151,748 | 1,244,894 | 1,454,665 | 1,624,384 | 1,700,411 | 1,809,897 | 2,025,901 |
| K | Financial and insurance activities | 756,075 | 959,279 | 1,178,853 | 1,408,477 | 1,772,783 | 2,070,163 | 2,308,705 | 2,694,444 | 3,254,440 | 3,731,191 |
| L | Real estate | 1,510,692 | 1,607,744 | 1,815,360 | 1,926,451 | 2,153,937 | 2,480,703 | 2,521,340 | 2,809,249 | 2,815,190 | 2,931,691 |
| M | Professional, scientific and technical activities | 318,677 | 450,188 | 552,630 | 728,207 | 813,502 | 810,126 | 902,695 | 1,003,126 | 1,103,124 | 1,228,052 |
| N | Administrative and support service activities | 793,110 | 850,083 | 895,051 | 978,846 | 1,098,620 | 1,427,909 | 1,711,730 | 2,003,202 | 2,160,207 | 2,289,112 |
| O | Public administration and defence | 2,179,164 | 2,282,704 | 2,511,953 | 2,668,756 | 3,338,192 | 4,017,280 | 4,936,071 | 5,227,502 | 5,852,605 | 6,499,975 |
| P | Education | 851,208 | 1,007,308 | 1,193,228 | 1,380,170 | 1,463,767 | 1,607,317 | 1,893,665 | 2,172,080 | 2,309,345 | 2,425,025 |
| Q | Human health and social work activities | 438,415 | 532,163 | 663,618 | 735,665 | 820,894 | 919,307 | 1,019,987 | 1,151,978 | 1,275,702 | 1,429,936 |
| R | Arts, entertainment and recreation | 91,527 | 105,579 | 114,977 | 125,499 | 144,046 | 169,112 | 188,996 | 221,912 | 241,508 | 275,199 |
| S | Other service activities | 254,462 | 294,114 | 344,078 | 366,539 | 406,498 | 472,947 | 534,380 | 619,835 | 690,814 | 762,419 |
| T | Activities of households as employers; | 93,329 | 104,904 | 112,524 | 121,402 | 128,896 | 140,180 | 148,536 | 167,035 | 177,691 | 184,984 |
| X | FISIM | -331,002 | -289,027 | -327,342 | -376,200 | -557,921 | -638,332 | -867,157 | -826,396 | -1,037,814 | -1,082,044 |
| | **All economic activities** | **21,721,573** | **26,431,521** | **30,590,395** | **35,687,473** | **43,196,993** | **50,177,772** | **58,183,778** | **64,087,808** | **73,431,603** | **84,479,296** |
| | Taxes on products | 1,821,544 | 2,172,568 | 2,480,568 | 2,815,106 | 3,261,475 | 3,870,726 | 4,480,385 | 6,453,585 | 7,116,789 | 8,041,972 |

**Table E. 5 (ctd): Gross Domestic Product (Monetary and Non-monetary)at Current Market Prices by Economic Activity; Tanzania Mainland, 2007 – 2016**

| | Economic Activity | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **B: Non- Monetary** | | | | | | | | | | |
| | **Gross Domestic Product at market price** | **3,227,315** | **4,160,850** | **4,655,861** | **5,333,439** | **6,304,113** | **7,385,715** | **8,289,064** | **9,177,024** | **10,315,434** | **11,223,338** |
| *A* | ***Agriculture, forestry and fishing*** | ***2,733,771*** | ***3,612,539*** | ***4,125,214*** | ***4,763,966*** | ***5,619,162*** | ***6,673,099*** | ***7,450,675*** | ***8,305,485*** | ***9,214,174*** | ***10,110,449*** |
| | Crops | 1,567,671 | 2,199,566 | 2,648,158 | 3,196,109 | 3,811,041 | 4,639,609 | 5,083,974 | 5,733,729 | 6,103,066 | 6,745,080 |
| | Livestock | 912,349 | 1,111,818 | 1,117,612 | 1,181,594 | 1,344,754 | 1,455,518 | 1,634,987 | 1,718,971 | 1,997,848 | 1,882,549 |
| | Forestry | 242,475 | 285,119 | 333,988 | 362,371 | 434,650 | 542,652 | 680,473 | 792,392 | 1,038,392 | 1,387,841 |
| | Fishing | 11,276 | 16,036 | 25,455 | 23,893 | 28,717 | 35,320 | 51,240 | 60,393 | 74,867 | 94,978 |
| | ***Industry and Construction*** | ***402,970*** | ***439,647*** | ***424,678*** | ***459,017*** | ***561,110*** | ***580,555*** | ***687,581*** | ***725,371*** | ***983,961*** | ***982,100*** |
| E | Water supply; sewerage, waste management | 77,007 | 79,165 | 84,559 | 83,527 | 79,222 | 85,168 | 101,050 | 110,077 | 117,768 | 131,311 |
| F | Construction | 325,962 | 360,482 | 340,120 | 375,489 | 481,888 | 495,387 | 586,531 | 615,294 | 866,193 | 850,788 |
| | **Services** | **90,574** | **108,664** | **105,968** | **110,456** | **123,841** | **132,062** | **150,808** | **146,168** | **117,300** | **130,789** |
| L | Real estate | 90,574 | 108,664 | 105,968 | 110,456 | 123,841 | 132,062 | 150,808 | 146,168 | 117,300 | 130,789 |
| | **GDP at market prices** | **26,770,432** | **32,764,940** | **37,726,824** | **43,836,018** | **52,762,581** | **61,434,214** | **70,953,227** | **79,718,416** | **90,863,827** | **103,744,606** |

**Source:** National Bureau of Statistics

**Table E. 6: Shares of Gross Domestic Product at Current Market Prices by Economic Activity; Tanzania Mainland, 2007 - 2016**

**Percentage**

| | Economic Activity | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | ***Agriculture, forestry and fishing*** | ***26.8*** | ***28.8*** | ***30.2*** | ***29.9*** | ***29.4*** | ***31.1*** | ***31.2*** | ***28.8*** | ***29.0*** | ***29.1*** |
| | Crops | 13.5 | 15.3 | 16.0 | 16.6 | 16.5 | 18.0 | 17.5 | 16.1 | 15.6 | 15.5 |
| | Livestock | 9.4 | 9.3 | 9.7 | 9.1 | 8.7 | 8.5 | 8.2 | 7.3 | 7.9 | 7.7 |
| | Forestry | 2.4 | 2.3 | 2.3 | 2.2 | 2.2 | 2.5 | 3.1 | 3.1 | 3.5 | 3.9 |
| | Fishing | 1.6 | 1.8 | 2.2 | 2.1 | 2.1 | 2.2 | 2.4 | 2.2 | 2.1 | 2.0 |
| | ***Industry and Construction*** | ***20.2*** | ***20.4*** | ***18.6*** | ***20.3*** | ***22.8*** | ***21.8*** | ***22.7*** | ***23.2*** | ***24.3*** | ***25.2*** |
| B | Mining and quarrying | 3.5 | 3.0 | 2.8 | 4.1 | 5.1 | 4.9 | 4.2 | 3.7 | 4.0 | 4.8 |
| C | Manufacturing | 7.0 | 7.0 | 6.9 | 6.9 | 7.6 | 7.5 | 6.4 | 5.6 | 5.2 | 5.1 |
| D | Electricity supply | 0.9 | 0.9 | 0.9 | 0.9 | 0.6 | 0.9 | 0.8 | 1.1 | 1.0 | 0.9 |
| E | Water supply; sewerage, waste management | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.5 | 0.5 | 0.4 | 0.4 |
| F | Construction | 7.9 | 8.8 | 7.2 | 7.8 | 9.0 | 8.1 | 10.8 | 12.4 | 13.6 | 14.0 |
| | ***Services*** | ***47.4*** | ***45.0*** | ***45.5*** | ***44.2*** | ***42.7*** | ***41.9*** | ***41.0*** | ***40.9*** | ***40.0*** | ***39.1*** |
| G | Wholesale and retail trade; repairs | 9.9 | 9.7 | 9.9 | 10.1 | 10.6 | 10.4 | 10.2 | 10.5 | 10.7 | 10.7 |
| H | Transport and storage | 5.9 | 6.0 | 6.2 | 5.8 | 5.2 | 4.4 | 4.2 | 4.3 | 4.3 | 4.3 |
| I | Accommodation and food services | 1.8 | 1.7 | 1.8 | 1.6 | 1.4 | 1.4 | 1.3 | 1.1 | 1.1 | 1.0 |
| J | Information and communication | 2.3 | 2.2 | 2.4 | 2.6 | 2.4 | 2.4 | 2.3 | 2.1 | 2.0 | 2.0 |
| K | Financial and insurance activities | 2.8 | 2.9 | 3.1 | 3.2 | 3.4 | 3.4 | 3.3 | 3.4 | 3.6 | 3.6 |
| L | Real estate | 6.0 | 5.2 | 5.1 | 4.6 | 4.3 | 4.3 | 3.8 | 3.7 | 3.2 | 3.0 |
| M | Professional, scientific and technical activities | 1.2 | 1.4 | 1.5 | 1.7 | 1.5 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 |
| N | Administrative and support service activities | 3.0 | 2.6 | 2.4 | 2.2 | 2.1 | 2.3 | 2.4 | 2.5 | 2.4 | 2.2 |
| O | Public administration and defence | 8.1 | 7.0 | 6.7 | 6.1 | 6.3 | 6.5 | 7.0 | 6.6 | 6.4 | 6.3 |
| P | Education | 3.2 | 3.1 | 3.2 | 3.1 | 2.8 | 2.6 | 2.7 | 2.7 | 2.5 | 2.3 |
| Q | Human health and social work activities | 1.6 | 1.6 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 | 1.4 | 1.4 | 1.4 |
| R | Arts, entertainment and recreation | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| S | Other service activities | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 |
| T | Activities of households as employers; | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| X | FISIM | -1.2 | -0.9 | -0.9 | -0.9 | -1.1 | -1.0 | -1.2 | -1.0 | -1.1 | -1.0 |
| | **All economic activities** | **93.2** | **93.4** | **93.4** | **93.6** | **93.8** | **93.7** | **93.7** | **91.9** | **92.2** | **92.2** |
| | Taxes on products | 6.8 | 6.6 | 6.6 | 6.4 | 6.2 | 6.3 | 6.3 | 8.1 | 7.8 | 7.8 |
| | **GDP at market prices** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** |

**Source:** National Bureau of Statistics

**Table E. 7: Shares of Gross Domestic Product (Monetary and Non- monetary); at Current Market Prices by Economic Activity Tanzania Mainland, 2007 – 2016**

**Percentage**

| | Economic Activity | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **A: Monetary** | | | | | | | | | | |
| | **Gross Domestic Product at market price** | **87.9** | **87.3** | **87.7** | **87.8** | **88.1** | **88.0** | **88.3** | **88.5** | **88.6** | **89.2** |
| A | ***Agriculture, forestry and fishing*** | ***16.6*** | ***17.8*** | ***19.3*** | ***19.0*** | ***18.7*** | ***20.2*** | ***20.7*** | ***18.4*** | ***18.9*** | ***19.3*** |
| | Crops | 7.6 | 8.6 | 9.0 | 9.3 | 9.2 | 10.4 | 10.3 | 8.9 | 8.9 | 9.0 |
| | Livestock | 6.0 | 6.0 | 6.7 | 6.4 | 6.1 | 6.1 | 5.9 | 5.2 | 5.7 | 5.9 |
| | Forestry | 1.5 | 1.4 | 1.5 | 1.4 | 1.3 | 1.6 | 2.1 | 2.1 | 2.3 | 2.6 |
| | Fishing | 1.5 | 1.8 | 2.2 | 2.0 | 2.0 | 2.2 | 2.3 | 2.2 | 2.0 | 1.9 |
| | ***Industry and Construction*** | ***18.7*** | ***19.1*** | ***17.5*** | ***19.3*** | ***21.7*** | ***20.9*** | ***21.7*** | ***22.3*** | ***23.2*** | ***24.2*** |
| B | Mining and quarrying | 3.5 | 3.0 | 2.8 | 4.1 | 5.1 | 4.9 | 4.2 | 3.7 | 4.0 | 4.8 |
| C | Manufacturing | 7.0 | 7.0 | 6.9 | 6.9 | 7.6 | 7.5 | 6.4 | 5.6 | 5.2 | 5.1 |
| D | Electricity supply | 0.9 | 0.9 | 0.9 | 0.9 | 0.6 | 0.9 | 0.8 | 1.1 | 1.0 | 0.9 |
| E | Water supply; sewerage, waste management | 0.6 | 0.5 | 0.5 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| F | Construction | 6.7 | 7.7 | 6.3 | 7.0 | 8.1 | 7.3 | 10.0 | 11.6 | 12.7 | 13.1 |
| | ***Services*** | ***47.1*** | ***44.7*** | ***45.2*** | ***44.0*** | ***42.5*** | ***41.6*** | ***40.8*** | ***40.7*** | ***39.9*** | ***38.9*** |
| G | Wholesale and retail trade; repairs | 9.9 | 9.7 | 9.9 | 10.1 | 10.6 | 10.4 | 10.2 | 10.5 | 10.7 | 10.7 |
| H | Transport and storage | 5.9 | 6.0 | 6.2 | 5.8 | 5.2 | 4.4 | 4.2 | 4.3 | 4.3 | 4.3 |
| I | Accommodation and food services | 1.8 | 1.7 | 1.8 | 1.6 | 1.4 | 1.4 | 1.3 | 1.1 | 1.1 | 1.0 |
| J | Information and communication | 2.3 | 2.2 | 2.4 | 2.6 | 2.4 | 2.4 | 2.3 | 2.1 | 2.0 | 2.0 |
| K | Financial and insurance activities | 2.8 | 2.9 | 3.1 | 3.2 | 3.4 | 3.4 | 3.3 | 3.4 | 3.6 | 3.6 |
| L | Real estate | 5.6 | 4.9 | 4.8 | 4.4 | 4.1 | 4.0 | 3.6 | 3.5 | 3.1 | 2.8 |
| M | Professional, scientific and technical activities | 1.2 | 1.4 | 1.5 | 1.7 | 1.5 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 |
| N | Administrative and support service activities | 3.0 | 2.6 | 2.4 | 2.2 | 2.1 | 2.3 | 2.4 | 2.5 | 2.4 | 2.2 |
| O | Public administration and defence | 8.1 | 7.0 | 6.7 | 6.1 | 6.3 | 6.5 | 7.0 | 6.6 | 6.4 | 6.3 |
| P | Education | 3.2 | 3.1 | 3.2 | 3.1 | 2.8 | 2.6 | 2.7 | 2.7 | 2.5 | 2.3 |
| Q | Human health and social work activities | 1.6 | 1.6 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 | 1.4 | 1.4 | 1.4 |
| R | Arts, entertainment and recreation | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| S | Other service activities | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 |
| T | Activities of households as employers; | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| X | FISIM | -1.2 | -0.9 | -0.9 | -0.9 | -1.1 | -1.0 | -1.2 | -1.0 | -1.1 | -1.0 |
| | **All economic activities** | **81.1** | **80.7** | **81.1** | **81.4** | **81.9** | **81.7** | **82.0** | **80.4** | **80.8** | **81.4** |
| | Taxes on products | 6.8 | 6.6 | 6.6 | 6.4 | 6.2 | 6.3 | 6.3 | 8.1 | 7.8 | 7.8 |

**Source:** National Bureau of Statistics

**Table E. 7 (ctd): Shares of Gross Domestic Product (Monetary and Non- monetary); at Current Market Prices by Economic Activity Tanzania Mainland, 2007– 2016**

| | Economic Activity | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **B: Non- Monetary** | | | | | | | | | | |
| | **Gross Domestic Product at market price** | **12.1** | **12.7** | **12.3** | **12.2** | **11.9** | **12.0** | **11.7** | **11.5** | **11.4** | **10.8** |
| A | ***Agriculture, forestry and fishing*** | ***10.2*** | ***11.0*** | ***10.9*** | ***10.9*** | ***10.6*** | ***10.9*** | ***10.5*** | ***10.4*** | ***10.1*** | ***9.7*** |
| | Crops | 5.9 | 6.7 | 7.0 | 7.3 | 7.2 | 7.6 | 7.2 | 7.2 | 6.7 | 6.5 |
| | Livestock | 3.4 | 3.4 | 3.0 | 2.7 | 2.5 | 2.4 | 2.3 | 2.2 | 2.2 | 1.8 |
| | Forestry | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.9 | 1.0 | 1.0 | 1.1 | 1.3 |
| | Fishing | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| | ***Industry and Construction*** | ***1.5*** | ***1.3*** | ***1.1*** | ***1.0*** | ***1.1*** | ***0.9*** | ***1.0*** | ***0.9*** | ***1.1*** | ***0.9*** |
| E | Water supply; sewerage, waste management | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| F | Construction | 1.2 | 1.1 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 1.0 | 0.8 |
| | ***Services*** | ***0.3*** | ***0.3*** | ***0.3*** | ***0.3*** | ***0.2*** | ***0.2*** | ***0.2*** | ***0.2*** | ***0.1*** | ***0.1*** |
| L | Real estate | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 |
| | **GDP at market prices** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** |

**Source:** National Bureau of Statistics

**Table E. 8: Gross Domestic Product at Constant 2007 Market Prices by Economic Activity; Tanzania Mainland, 2007 - 2016**

**(Mill. TZS)**

| | Economic Activity | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | ***Agriculture, forestry and fishing*** | ***7,181,357*** | ***7,720,033*** | ***8,113,750*** | ***8,332,436*** | ***8,621,829*** | ***8,901,917*** | ***9,186,731*** | ***9,497,469*** | ***9,719,965*** | ***9,924,182*** |
| | Crops | 3,603,539 | 3,884,784 | 4,098,750 | 4,248,443 | 4,454,219 | 4,640,787 | 4,801,783 | 4,993,855 | 5,106,027 | 5,175,489 |
| | Livestock | 2,513,284 | 2,715,826 | 2,859,665 | 2,900,642 | 2,948,017 | 3,001,944 | 3,062,481 | 3,129,647 | 3,204,928 | 3,287,499 |
| | Forestry | 639,762 | 663,869 | 697,692 | 721,555 | 745,684 | 771,590 | 808,231 | 849,445 | 871,448 | 901,161 |
| | Fishing | 424,772 | 455,555 | 457,643 | 461,796 | 473,910 | 487,597 | 514,235 | 524,521 | 537,562 | 560,033 |
| | ***Industry and Construction*** | ***5,406,038*** | ***5,759,171*** | ***5,949,363*** | ***6,489,910*** | ***7,271,804*** | ***7,566,057*** | ***8,287,309*** | ***9,144,464*** | ***10,174,156*** | ***11,265,872*** |
| B | Mining and quarrying | 935,412 | 843,949 | 1,001,653 | 1,074,285 | 1,141,798 | 1,217,823 | 1,264,845 | 1,383,349 | 1,508,923 | 1,682,719 |
| C | Manufacturing | 1,880,032 | 2,094,035 | 2,192,207 | 2,388,391 | 2,554,119 | 2,659,200 | 2,831,400 | 3,024,323 | 3,222,077 | 3,472,647 |
| D | Electricity supply | 232,622 | 251,361 | 262,100 | 297,238 | 284,394 | 293,804 | 332,080 | 363,110 | 384,271 | 416,904 |
| E | Water supply; sewerage, waste management | 240,898 | 246,507 | 257,755 | 263,336 | 260,050 | 267,407 | 274,507 | 284,755 | 285,003 | 297,151 |
| F | Construction | 2,117,074 | 2,323,320 | 2,235,648 | 2,466,660 | 3,031,443 | 3,127,824 | 3,584,477 | 4,088,927 | 4,773,882 | 5,396,450 |
| | ***Services*** | ***12,692,496*** | ***13,225,206*** | ***13,989,391*** | ***15,076,525*** | ***16,341,278*** | ***17,520,835*** | ***18,767,585*** | ***20,119,051*** | ***21,511,358*** | ***23,138,496*** |
| G | Wholesale and retail trade; repairs | 2,645,347 | 2,817,146 | 2,893,444 | 3,181,783 | 3,541,265 | 3,675,197 | 3,839,852 | 4,223,837 | 4,552,422 | 4,855,513 |
| H | Transport and storage | 1,572,854 | 1,601,242 | 1,712,475 | 1,896,112 | 1,980,177 | 2,062,518 | 2,314,221 | 2,603,499 | 2,810,378 | 3,140,748 |
| I | Accommodation and food services | 481,997 | 497,897 | 502,992 | 521,540 | 543,173 | 579,598 | 595,724 | 609,111 | 622,966 | 646,197 |
| J | Information and communication | 615,066 | 688,106 | 871,411 | 1,084,423 | 1,177,462 | 1,439,326 | 1,631,263 | 1,762,116 | 1,974,819 | 2,231,111 |
| K | Financial and insurance activities | 756,075 | 898,007 | 1,062,921 | 1,197,164 | 1,374,537 | 1,445,140 | 1,534,231 | 1,699,700 | 1,900,297 | 2,103,991 |
| L | Real estate | 1,601,266 | 1,628,117 | 1,656,750 | 1,687,264 | 1,719,706 | 1,754,126 | 1,790,574 | 1,829,107 | 1,869,782 | 1,914,177 |
| M | Professional, scientific and technical activities | 318,677 | 416,091 | 481,737 | 625,810 | 655,947 | 617,853 | 651,358 | 654,930 | 699,556 | 743,797 |
| N | Administrative and support service activities | 793,110 | 778,586 | 781,579 | 849,168 | 892,397 | 1,104,372 | 1,239,495 | 1,313,618 | 1,375,562 | 1,404,965 |
| O | Public administration and defence | 2,179,164 | 2,042,643 | 2,027,532 | 1,926,209 | 2,231,564 | 2,435,459 | 2,625,280 | 2,728,183 | 2,854,132 | 3,045,808 |
| P | Education | 851,208 | 932,429 | 1,017,818 | 1,082,540 | 1,143,385 | 1,228,099 | 1,280,673 | 1,341,507 | 1,425,992 | 1,541,076 |
| Q | Human health and social work activities | 438,415 | 462,620 | 497,047 | 513,696 | 541,093 | 602,632 | 655,861 | 709,310 | 742,629 | 781,589 |
| R | Arts, entertainment and recreation | 91,527 | 97,422 | 100,381 | 107,674 | 116,005 | 128,764 | 136,162 | 143,933 | 152,891 | 166,415 |
| S | Other service activities | 254,462 | 269,097 | 284,963 | 302,194 | 320,944 | 341,382 | 363,702 | 388,120 | 414,881 | 444,610 |
| T | Activities of households as employers; | 93,329 | 95,802 | 98,341 | 100,947 | 103,623 | 106,369 | 109,188 | 112,082 | 115,052 | 118,500 |
| X | FISIM | -331,002 | -353,602 | -424,177 | -457,867 | -561,275 | -568,183 | -568,580 | -623,558 | -696,521 | -810,063 |
| | **All economic activities** | **24,948,888** | **26,350,808** | **27,628,327** | **29,441,005** | **31,673,636** | **33,420,626** | **35,673,045** | **38,137,426** | **40,708,959** | **43,518,487** |
| | Taxes on products | 1,821,544 | 1,909,825 | 2,153,392 | 2,234,499 | 2,505,661 | 2,515,833 | 2,873,500 | 3,093,939 | 3,391,850 | 3,656,415 |
| | **GDP at market prices** | **26,770,432** | **28,260,633** | **29,781,719** | **31,675,504** | **34,179,297** | **35,936,459** | **38,546,546** | **41,231,365** | **44,100,809** | **47,174,902** |

**Source:** National Bureau of Statistics

**Table E. 9: Gross Domestic Product (Monetary and Non-Monetary) at Constant 2007 Market Prices by Type of Economic Activity; Tanzania Mainland, 2007 - 2016**

**(Mill. TZS)**

| | Economic Activity | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **A: Monetary** | | | | | | | | | | |
| | **Gross Domestic Product at market price** | **23,751,946** | **25,006,410** | **26,359,287** | **28,178,750** | **30,388,101** | **32,023,357** | **34,483,854** | **37,025,043** | **39,763,780** | **42,700,429** |
| A | ***Agriculture, forestry and fishing*** | ***4,652,052*** | ***4,991,151*** | ***5,201,900*** | ***5,380,854*** | ***5,481,431*** | ***5,655,620*** | ***5,884,506*** | ***6,083,930*** | ***6,280,859*** | ***6,402,712*** |
| | Crops | 2,119,511 | 2,284,931 | 2,376,307 | 2,513,255 | 2,583,447 | 2,691,656 | 2,827,400 | 2,917,070 | 3,012,556 | 3,031,774 |
| | Livestock | 1,695,916 | 1,824,568 | 1,921,203 | 1,943,430 | 1,945,691 | 1,981,283 | 2,024,300 | 2,096,864 | 2,179,351 | 2,239,359 |
| | Forestry | 422,635 | 437,658 | 460,476 | 476,226 | 492,151 | 509,249 | 533,433 | 560,634 | 566,441 | 587,004 |
| | Fishing | 413,992 | 443,994 | 443,914 | 447,942 | 460,142 | 473,432 | 499,373 | 509,362 | 522,510 | 544,575 |
| | ***Industry and Construction*** | ***5,007,431*** | ***5,324,353*** | ***5,529,339*** | ***6,035,420*** | ***6,711,901*** | ***6,990,448*** | ***7,618,426*** | ***8,443,744*** | ***9,369,723*** | ***10,407,947*** |
| B | Mining and quarrying | 935,412 | 843,949 | 1,001,653 | 1,074,285 | 1,141,798 | 1,217,823 | 1,264,845 | 1,383,349 | 1,508,923 | 1,682,719 |
| C | Manufacturing | 1,880,032 | 2,094,035 | 2,192,207 | 2,388,391 | 2,554,119 | 2,659,200 | 2,831,400 | 3,024,323 | 3,222,077 | 3,472,647 |
| D | Electricity supply | 232,622 | 251,361 | 262,100 | 297,238 | 284,394 | 293,804 | 332,080 | 363,110 | 384,271 | 416,904 |
| E | Water supply; sewerage, waste management | 168,253 | 172,171 | 177,851 | 184,336 | 182,035 | 187,185 | 192,155 | 199,329 | 196,652 | 206,150 |
| F | Construction | 1,791,111 | 1,962,838 | 1,895,528 | 2,091,171 | 2,549,555 | 2,632,437 | 2,997,947 | 3,473,634 | 4,057,799 | 4,629,526 |
| | ***Services*** | ***12,601,921*** | ***13,134,684*** | ***13,898,833*** | ***14,985,843*** | ***16,250,383*** | ***17,429,639*** | ***18,676,000*** | ***20,026,989*** | ***21,417,869*** | ***23,043,417*** |
| G | Wholesale and retail trade; repairs | 2,645,347 | 2,817,146 | 2,893,444 | 3,181,783 | 3,541,265 | 3,675,197 | 3,839,852 | 4,223,837 | 4,552,422 | 4,855,513 |
| H | Transport and storage | 1,572,854 | 1,601,242 | 1,712,475 | 1,896,112 | 1,980,177 | 2,062,518 | 2,314,221 | 2,603,499 | 2,810,378 | 3,140,748 |
| I | Accommodation and Food Services | 481,997 | 497,897 | 502,992 | 521,540 | 543,173 | 579,598 | 595,724 | 609,111 | 622,966 | 646,197 |
| J | Information and communication | 615,066 | 688,106 | 871,411 | 1,084,423 | 1,177,462 | 1,439,326 | 1,631,263 | 1,762,116 | 1,974,819 | 2,231,111 |
| K | Financial and insurance activities | 756,075 | 898,007 | 1,062,921 | 1,197,164 | 1,374,537 | 1,445,140 | 1,534,231 | 1,699,700 | 1,900,297 | 2,103,991 |
| L | Real estate | 1,510,692 | 1,537,595 | 1,566,192 | 1,596,582 | 1,628,811 | 1,662,930 | 1,698,989 | 1,737,045 | 1,776,293 | 1,819,099 |
| M | Professional, scientific and technical activities | 318,677 | 416,091 | 481,737 | 625,810 | 655,947 | 617,853 | 651,358 | 654,930 | 699,556 | 743,797 |
| N | Administrative and support service activities | 793,110 | 778,586 | 781,579 | 849,168 | 892,397 | 1,104,372 | 1,239,495 | 1,313,618 | 1,375,562 | 1,404,965 |
| O | Public administration and defence | 2,179,164 | 2,042,643 | 2,027,532 | 1,926,209 | 2,231,564 | 2,435,459 | 2,625,280 | 2,728,183 | 2,854,132 | 3,045,808 |
| P | Education | 851,208 | 932,429 | 1,017,818 | 1,082,540 | 1,143,385 | 1,228,099 | 1,280,673 | 1,341,507 | 1,425,992 | 1,541,076 |
| Q | Human health and social work activities | 438,415 | 462,620 | 497,047 | 513,696 | 541,093 | 602,632 | 655,861 | 709,310 | 742,629 | 781,589 |
| R | Arts, entertainment and recreation | 91,527 | 97,422 | 100,381 | 107,674 | 116,005 | 128,764 | 136,162 | 143,933 | 152,891 | 166,415 |
| S | Other service activities | 254,462 | 269,097 | 284,963 | 302,194 | 320,944 | 341,382 | 363,702 | 388,120 | 414,881 | 444,610 |
| T | Activities of households as employers; | 93,329 | 95,802 | 98,341 | 100,947 | 103,623 | 106,369 | 109,188 | 112,082 | 115,052 | 118,500 |
| X | FISIM | -331,002 | -353,602 | -424,177 | -457,867 | -561,275 | -568,183 | -568,580 | -623,558 | -696,521 | -810,063 |
| | **All economic activities** | **21,930,402** | **23,096,585** | **24,205,895** | **25,944,250** | **27,882,440** | **29,507,525** | **31,610,353** | **33,931,104** | **36,371,930** | **39,044,014** |
| | Taxes on products | 1,821,544 | 1,909,825 | 2,153,392 | 2,234,499 | 2,505,661 | 2,515,833 | 2,873,500 | 3,093,939 | 3,391,850 | 3,656,415 |

**Table E. 9 (ctd): Gross Domestic Product (Monetary and Non-Monetary) at Constant 2007 Market Prices by Type of Economic Activity; Tanzania Mainland, 2007 - 2016**

**(Mill. TZS)**

| | Economic Activity | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **B: Non- Monetary** | | | | | | | | | | |
| | **Gross Domestic Product at market price** | **3,018,485** | **3,254,223** | **3,422,432** | **3,496,754** | **3,791,196** | **3,913,102** | **4,062,692** | **4,206,322** | **4,337,029** | **4,474,473** |
| ***A*** | ***Agriculture, forestry and fishing*** | ***2,529,304*** | ***2,728,883*** | ***2,911,850*** | ***2,951,582*** | ***3,140,398*** | ***3,246,297*** | ***3,302,224*** | ***3,413,539*** | ***3,439,107*** | ***3,521,469*** |
| | Crops | 1,484,029 | 1,599,852 | 1,722,443 | 1,735,188 | 1,870,772 | 1,949,130 | 1,974,383 | 2,076,785 | 2,093,471 | 2,143,714 |
| | Livestock | 817,368 | 891,258 | 938,462 | 957,212 | 1,002,326 | 1,020,661 | 1,038,181 | 1,032,784 | 1,025,577 | 1,048,140 |
| | Forestry | 217,127 | 226,210 | 237,215 | 245,329 | 253,532 | 262,340 | 274,799 | 288,811 | 305,007 | 314,157 |
| | Fishing | 10,780 | 11,561 | 13,729 | 13,854 | 13,768 | 14,165 | 14,861 | 15,159 | 15,052 | 15,458 |
| | ***Industry and Construction*** | ***398,607*** | ***434,818*** | ***420,024*** | ***454,490*** | ***559,903*** | ***575,609*** | ***668,883*** | ***700,720*** | ***804,433*** | ***857,925*** |
| E | Water supply; sewerage, waste management | 72,644 | 74,336 | 79,904 | 79,001 | 78,015 | 80,222 | 82,352 | 85,427 | 88,351 | 91,001 |
| F | Construction | 325,962 | 360,482 | 340,120 | 375,489 | 481,888 | 495,387 | 586,531 | 615,294 | 716,082 | 766,924 |
| | ***Services*** | ***90,574*** | ***90,523*** | ***90,558*** | ***90,682*** | ***90,895*** | ***91,196*** | ***91,585*** | ***92,063*** | ***93,489*** | ***95,078*** |
| L | Real estate | 90,574 | 90,523 | 90,558 | 90,682 | 90,895 | 91,196 | 91,585 | 92,063 | 93,489 | 95,078 |
| | **GDP at market prices** | **26,770,432** | **28,260,633** | **29,781,719** | **31,675,504** | **34,179,297** | **35,936,459** | **38,546,546** | **41,231,365** | **44,100,809** | **47,174,902** |

**Source:** National Bureau Statistics

**Table E. 10: Annual Growth Rates of Gross Domestic Product at Constant 2007 Market Prices by Economic Activity; Tanzania Mainland, 2008 - 2016**

**Percent**

| | Economic Activity | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|
| A | ***Agriculture, forestry and fishing*** | ***7.5*** | ***5.1*** | ***2.7*** | ***3.5*** | ***3.2*** | ***3.2*** | ***3.4*** | ***2.3*** | ***2.1*** |
| | Crops | 7.8 | 5.5 | 3.7 | 4.8 | 4.2 | 3.5 | 4.0 | 2.2 | 1.4 |
| | Livestock | 8.1 | 5.3 | 1.4 | 1.6 | 1.8 | 2.0 | 2.2 | 2.4 | 2.6 |
| | Forestry | 3.8 | 5.1 | 3.4 | 3.3 | 3.5 | 4.7 | 5.1 | 2.6 | 3.4 |
| | Fishing | 7.2 | 0.5 | 0.9 | 2.6 | 2.9 | 5.5 | 2.0 | 2.5 | 4.2 |
| | ***Industry and Construction*** | ***6.5*** | ***3.3*** | ***9.1*** | ***12.0*** | ***4.0*** | ***9.5*** | ***10.3*** | ***11.3*** | ***10.7*** |
| B | Mining and quarrying | -9.8 | 18.7 | 7.3 | 6.3 | 6.7 | 3.9 | 9.4 | 9.1 | 11.5 |
| C | Manufacturing | 11.4 | 4.7 | 8.9 | 6.9 | 4.1 | 6.5 | 6.8 | 6.5 | 7.8 |
| D | Electricity supply | 8.1 | 4.3 | 13.4 | -4.3 | 3.3 | 13.0 | 9.3 | 5.8 | 8.5 |
| E | Water supply; sewerage, waste management | 2.3 | 4.6 | 2.2 | -1.2 | 2.8 | 2.7 | 3.7 | 0.1 | 4.3 |
| F | Construction | 9.7 | -3.8 | 10.3 | 22.9 | 3.2 | 14.6 | 14.1 | 16.8 | 13.0 |
| | ***Services*** | ***4.2*** | ***5.8*** | ***7.8*** | ***8.4*** | ***7.2*** | ***7.1*** | ***7.2*** | ***6.9*** | ***7.6*** |
| G | Wholesale and retail trade; repairs | 6.5 | 2.7 | 10.0 | 11.3 | 3.8 | 4.5 | 10.0 | 7.8 | 6.7 |
| H | Transport and storage | 1.8 | 6.9 | 10.7 | 4.4 | 4.2 | 12.2 | 12.5 | 7.9 | 11.8 |
| I | Accommodation and food services | 3.3 | 1.0 | 3.7 | 4.1 | 6.7 | 2.8 | 2.2 | 2.3 | 3.7 |
| J | Information and communication | 11.9 | 26.6 | 24.4 | 8.6 | 22.2 | 13.3 | 8.0 | 12.1 | 13.0 |
| K | Financial and insurance activities | 18.8 | 18.4 | 12.6 | 14.8 | 5.1 | 6.2 | 10.8 | 11.8 | 10.7 |
| L | Real estate | 1.7 | 1.8 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.2 | 2.4 |
| M | Professional, scientific and technical activities | 30.6 | 15.8 | 29.9 | 4.8 | -5.8 | 5.4 | 0.5 | 6.8 | 6.3 |
| N | Administrative and support service activities | -1.8 | 0.4 | 8.6 | 5.1 | 23.8 | 12.2 | 6.0 | 4.7 | 2.1 |
| O | Public administration and defence | -6.3 | -0.7 | -5.0 | 15.9 | 9.1 | 7.8 | 3.9 | 4.6 | 6.7 |
| P | Education | 9.5 | 9.2 | 6.4 | 5.6 | 7.4 | 4.3 | 4.8 | 6.3 | 8.1 |
| Q | Human health and social work activities | 5.5 | 7.4 | 3.3 | 5.3 | 11.4 | 8.8 | 8.1 | 4.7 | 5.2 |
| R | Arts, entertainment and recreation | 6.4 | 3.0 | 7.3 | 7.7 | 11.0 | 5.7 | 5.7 | 6.2 | 8.8 |
| S | Other service activities | 5.8 | 5.9 | 6.0 | 6.2 | 6.4 | 6.5 | 6.7 | 6.9 | 7.2 |
| T | Activities of households as employers; | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 3.0 |
| X | FISIM | 6.8 | 20.0 | 7.9 | 22.6 | 1.2 | 0.1 | 9.7 | 11.7 | 16.3 |
| | **All economic activities** | **5.6** | **4.8** | **6.6** | **7.6** | **5.5** | **6.7** | **6.9** | **6.7** | **6.9** |
| | Taxes on products | 4.8 | 12.8 | 3.8 | 12.1 | 0.4 | 14.2 | 7.7 | 9.6 | 7.8 |
| | **GDP at market prices** | **5.6** | **5.4** | **6.4** | **7.9** | **5.1** | **7.3** | **7.0** | **7.0** | **7.0** |

**Source:** National Bureau of Statistics

**Table E. 11: Growth Rates of Gross Domestic Product (Monetary and Non-Monetary) at 2007 Prices by Economic Activity; Tanzania Mainland, 2008 - 2016**

**Percent**

| | Economic Activity | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|
| | **A: Monetary** | | | | | | | | | |
| | **Gross Domestic Product at market price** | **5.3** | **5.4** | **6.9** | **7.8** | **5.4** | **7.7** | **7.4** | **7.4** | **7.4** |
| A | ***Agriculture, forestry and fishing*** | ***7.3*** | ***4.2*** | ***3.4*** | ***1.9*** | ***3.2*** | ***4.0*** | ***3.4*** | ***3.2*** | ***1.9*** |
| | Crops | 7.8 | 4.0 | 5.8 | 2.8 | 4.2 | 5.0 | 3.2 | 3.3 | 0.6 |
| | Livestock | 7.6 | 5.3 | 1.2 | 0.1 | 1.8 | 2.2 | 3.6 | 3.9 | 2.8 |
| | Forestry | 3.6 | 5.2 | 3.4 | 3.3 | 3.5 | 4.7 | 5.1 | 1.0 | 3.6 |
| | Fishing | 7.2 | 0.0 | 0.9 | 2.7 | 2.9 | 5.5 | 2.0 | 2.6 | 4.2 |
| | ***Industry and Construction*** | ***6.3*** | ***3.8*** | ***9.2*** | ***11.2*** | ***4.2*** | ***9.0*** | ***10.8*** | ***11.0*** | ***11.1*** |
| B | Mining and quarrying | -9.8 | 18.7 | 7.3 | 6.3 | 6.7 | 3.9 | 9.4 | 9.1 | 11.5 |
| C | Manufacturing | 11.4 | 4.7 | 8.9 | 6.9 | 4.1 | 6.5 | 6.8 | 6.5 | 7.8 |
| D | Electricity supply | 8.1 | 4.3 | 13.4 | -4.3 | 3.3 | 13.0 | 9.3 | 5.8 | 8.5 |
| E | Water supply; sewerage, waste management | 2.3 | 3.3 | 3.6 | -1.2 | 2.8 | 2.7 | 3.7 | -1.3 | 4.8 |
| F | Construction | 9.6 | -3.4 | 10.3 | 21.9 | 3.3 | 13.9 | 15.9 | 16.8 | 14.1 |
| | ***Services*** | ***4.2*** | ***5.8*** | ***7.8*** | ***8.4*** | ***7.3*** | ***7.2*** | ***7.2*** | ***6.9*** | ***7.6*** |
| G | Wholesale and retail trade; repairs | 6.5 | 2.7 | 10.0 | 11.3 | 3.8 | 4.5 | 10.0 | 7.8 | 6.7 |
| H | Transport and storage | 1.8 | 6.9 | 10.7 | 4.4 | 4.2 | 12.2 | 12.5 | 7.9 | 11.8 |
| I | Accommodation and food services | 3.3 | 1.0 | 3.7 | 4.1 | 6.7 | 2.8 | 2.2 | 2.3 | 3.7 |
| J | Information and communication | 11.9 | 26.6 | 24.4 | 8.6 | 22.2 | 13.3 | 8.0 | 12.1 | 13.0 |
| K | Financial and insurance activities | 18.8 | 18.4 | 12.6 | 14.8 | 5.1 | 6.2 | 10.8 | 11.8 | 10.7 |
| L | Real estate | 1.8 | 1.9 | 1.9 | 2.0 | 2.1 | 2.2 | 2.2 | 2.3 | 2.4 |
| M | Professional, scientific and technical activities | 30.6 | 15.8 | 29.9 | 4.8 | -5.8 | 5.4 | 0.5 | 6.8 | 6.3 |
| N | Administrative and support service activities | -1.8 | 0.4 | 8.6 | 5.1 | 23.8 | 12.2 | 6.0 | 4.7 | 2.1 |
| O | Public administration and defence | -6.3 | -0.7 | -5.0 | 15.9 | 9.1 | 7.8 | 3.9 | 4.6 | 6.7 |
| P | Education | 9.5 | 9.2 | 6.4 | 5.6 | 7.4 | 4.3 | 4.8 | 6.3 | 8.1 |
| Q | Human health and social work activities | 5.5 | 7.4 | 3.3 | 5.3 | 11.4 | 8.8 | 8.1 | 4.7 | 5.2 |
| R | Arts, entertainment and recreation | 6.4 | 3.0 | 7.3 | 7.7 | 11.0 | 5.7 | 5.7 | 6.2 | 8.8 |
| S | Other service activities | 5.8 | 5.9 | 6.0 | 6.2 | 6.4 | 6.5 | 6.7 | 6.9 | 7.2 |
| T | Activities of households as employers; | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 3.0 |
| X | FISIM | 6.8 | 20.0 | 7.9 | 22.6 | 1.2 | 0.1 | 9.7 | 11.7 | 16.3 |
| | **All economic activities** | **5.3** | **4.8** | **7.2** | **7.5** | **5.8** | **7.1** | **7.3** | **7.2** | **7.3** |
| | Taxes on products | 4.8 | 12.8 | 3.8 | 12.1 | 0.4 | 14.2 | 7.7 | 9.6 | 7.8 |
| | **B: Non- Monetary** | | | | | | | | | |
| | **Gross Domestic Product at market price** | **7.8** | **5.2** | **2.2** | **8.4** | **3.2** | **3.8** | **3.5** | **3.1** | **3.2** |
| *A* | ***Agriculture, forestry and fishing*** | ***7.9*** | ***6.7*** | ***1.4*** | ***6.4*** | ***3.4*** | ***1.7*** | ***3.4*** | ***0.7*** | ***2.4*** |
| | Crops | 7.8 | 7.7 | 0.7 | 7.8 | 4.2 | 1.3 | 5.2 | 0.8 | 2.4 |
| | Livestock | 9.0 | 5.3 | 2.0 | 4.7 | 1.8 | 1.7 | -0.5 | -0.7 | 2.2 |
| | Forestry | 4.2 | 4.9 | 3.4 | 3.3 | 3.5 | 4.7 | 5.1 | 5.6 | 3.0 |
| | Fishing | 7.2 | 18.8 | 0.9 | -0.6 | 2.9 | 4.9 | 2.0 | -0.7 | 2.7 |
| E | Water supply; sewerage, waste management | 2.3 | 7.5 | -1.1 | -1.2 | 2.8 | 2.7 | 3.7 | 3.4 | 3.0 |
| F | Construction | 10.6 | -5.6 | 10.4 | 28.3 | 2.8 | 18.4 | 4.9 | 16.4 | 7.1 |
| L | Real estate | -0.1 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 1.5 | 1.7 |
| | **GDP at market prices** | **5.6** | **5.4** | **6.4** | **7.9** | **5.1** | **7.3** | **7.0** | **7.0** | **7.0** |

**Source**: National Bureau of Statistics

**Table E. 12: Implicit Deflators of Gross Domestic Product by Economic Activity (2007 = 100); Tanzania Mainland, 2007 – 2016**

| | Economic Activity | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | Agriculture, forestry and fishing | 100 | 122 | 141 | 157 | 180 | 215 | 241 | 242 | 271 | 304 |
| | Crops | 100 | 129 | 147 | 171 | 195 | 238 | 259 | 257 | 278 | 311 |
| | Livestock | 100 | 113 | 127 | 137 | 155 | 173 | 191 | 187 | 223 | 242 |
| | Forestry | 100 | 113 | 126 | 133 | 154 | 195 | 268 | 293 | 361 | 448 |
| | Fishing | 100 | 133 | 185 | 195 | 228 | 279 | 332 | 340 | 348 | 367 |
| B | Mining and quarrying | 100 | 116 | 118 | 137 | 165 | 177 | 194 | 202 | 217 | 232 |
| C | Manufacturing | 100 | 117 | 107 | 166 | 235 | 246 | 236 | 211 | 243 | 296 |
| D | Electricity supply | 100 | 109 | 118 | 127 | 158 | 173 | 162 | 147 | 148 | 153 |
| E | Water supply; sewerage, waste management | 100 | 122 | 135 | 137 | 107 | 182 | 165 | 241 | 234 | 219 |
| F | Construction | 100 | 100 | 103 | 99 | 95 | 103 | 119 | 131 | 138 | 142 |
| G | Wholesale and retail trade; repairs | 100 | 124 | 122 | 139 | 157 | 159 | 214 | 242 | 259 | 268 |
| H | Transport and storage | 100 | 112 | 123 | 129 | 138 | 147 | 155 | 162 | 169 | 175 |
| I | Accommodation and food services | 100 | 113 | 129 | 139 | 157 | 174 | 189 | 198 | 213 | 228 |
| J | Information and communication | 100 | 123 | 136 | 134 | 138 | 133 | 129 | 132 | 138 | 142 |
| K | Financial and insurance activities | 100 | 112 | 135 | 138 | 135 | 153 | 152 | 143 | 154 | 162 |
| L | Real estate | 100 | 105 | 105 | 106 | 106 | 101 | 100 | 96 | 92 | 91 |
| M | Professional, scientific and technical activities | 100 | 107 | 111 | 118 | 129 | 143 | 150 | 159 | 171 | 177 |
| N | Administrative and support service activities | 100 | 105 | 116 | 121 | 132 | 149 | 149 | 162 | 157 | 160 |
| O | Public administration and defence | 100 | 108 | 115 | 116 | 124 | 131 | 139 | 153 | 158 | 165 |
| P | Education | 100 | 109 | 115 | 115 | 123 | 129 | 138 | 152 | 157 | 163 |
| Q | Human health and social work activities | 100 | 112 | 124 | 139 | 150 | 165 | 188 | 192 | 205 | 213 |
| R | Arts, entertainment and recreation | 100 | 108 | 117 | 127 | 128 | 131 | 148 | 162 | 162 | 157 |
| S | Other service activities | 100 | 115 | 134 | 143 | 152 | 153 | 156 | 162 | 172 | 183 |
| T | Activities of households as employers; | 100 | 108 | 115 | 117 | 124 | 131 | 139 | 154 | 158 | 165 |
| | FISIM, unallocated | 100 | 109 | 121 | 121 | 127 | 139 | 147 | 160 | 167 | 171 |
| | **All economic activities** | 100 | 110 | 114 | 120 | 124 | 132 | 136 | 149 | 154 | 156 |
| | Taxes on products | 100 | 82 | 77 | 82 | 99 | 112 | 153 | 133 | 149 | 134 |
| | **GDP at market prices** | 100 | 116 | 128 | 139 | 156 | 172 | 186 | 192 | 206 | 220 |

**Source**: National Bureau of Statistics

**Table E. 13: Gross Domestic Product by Type of Expenditure at Current Market Prices; Tanzania Mainland, 2007 - 2016**

**(Mill. TZS)**

| Type of Expenditure | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Final Consumption** | **21,393,840** | **26,193,622** | **31,537,868** | **35,083,358** | **41,841,724** | **49,878,463** | **60,582,187** | **62,153,531** | **67,407,385** | **78,473,727** |
| Government final consumption | 4,968,234 | 5,275,677 | 6,599,152 | 6,451,836 | 7,293,792 | 9,055,182 | 11,580,484 | 10,996,641 | 12,454,217 | 14,407,309 |
| Household final consumption | 16,348,965 | 20,826,214 | 24,829,200 | 28,512,137 | 34,415,269 | 40,669,370 | 48,835,596 | 50,968,192 | 54,747,020 | 63,798,603 |
| Non Profit Instititutions Serving Households | 76,642 | 91,730 | 109,516 | 119,385 | 132,664 | 153,911 | 166,107 | 188,697 | 206,148 | 267,815 |
| **Capital Formation** | **8,793,915** | **10,509,733** | **9,478,925** | **11,965,491** | **17,538,474** | **17,510,517** | **21,516,104** | **24,019,720** | **24,717,206** | **25,558,140** |
| Gross fixed capital formation | 8,427,687 | 11,030,529 | 10,883,740 | 12,572,205 | 17,324,767 | 18,786,138 | 21,625,370 | 25,968,851 | 31,122,533 | 34,768,001 |
| Changes in inventories | 366,229 | -520,796 | -1,404,814 | -606,714 | 213,708 | -1,275,622 | -109,266 | -1,949,131 | -6,405,326 | -9,209,861 |
| **Exports of goods and services** | **5,064,729** | **6,110,226** | **6,554,600** | **8,217,681** | **10,951,622** | **13,076,463** | **12,524,115** | **15,476,677** | **19,645,876** | **20,213,109** |
| Export of goods | 2,691,889 | 3,694,632 | 4,108,282 | 5,343,694 | 7,331,021 | 8,653,332 | 7,436,719 | 9,424,890 | 12,193,230 | 12,383,399 |
| Export of services | 2,372,840 | 2,415,594 | 2,446,318 | 2,873,987 | 3,620,601 | 4,423,131 | 5,087,395 | 6,051,787 | 7,452,646 | 7,829,710 |
| **Imports of goods and services** | **-8,482,053** | **-10,088,034** | **-9,913,855** | **-12,769,425** | **-19,014,968** | **-20,341,955** | **-22,044,763** | **-23,746,791** | **-22,510,717** | **-23,459,238** |
| Import of goods | -7,190,625 | -8,257,337 | -7,662,104 | -10,130,044 | -15,572,614 | -16,631,037 | -18,113,063 | -19,084,787 | -16,803,635 | -18,797,460 |
| Import of services | -1,291,428 | -1,830,697 | -2,251,751 | -2,639,381 | -3,442,354 | -3,710,919 | -3,931,700 | -4,662,003 | -5,707,082 | -4,661,778 |
| Errors and Omissions | 0 | 39,393 | 69,285 | 1,338,912 | 1,445,728 | 1,310,726 | -1,624,377 | 1,815,278 | 1,604,076 | 2,958,868 |
| **GDP at market prices** | **26,770,432** | **32,764,940** | **37,726,824** | **43,836,018** | **52,762,581** | **61,434,214** | **70,953,266** | **79,718,416** | **90,863,827** | **103,744,606** |

**Source**: National Bureau of Statistics

**Table E. 14: Gross Domestic Product by Type of Expenditure at Constant 2007 Market Prices; Tanzania Mainland, 2006 - 2016**

**(Mill. TZS)**

| Type of Expenditure | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Final Consumption** | **21,393,840** | **22,706,124** | **24,295,557** | **25,027,921** | **26,905,976** | **28,264,958** | **31,197,188** | **32,263,606** | **32,356,975** | **37,470,178** |
| Government final consumption | 4,968,234 | 4,699,279 | 5,300,030 | 4,783,899 | 5,037,638 | 5,707,564 | 6,739,439 | 6,704,573 | 6,438,922 | 7,233,679 |
| Household final consumption | 16,348,965 | 17,923,251 | 18,902,880 | 20,145,888 | 21,763,535 | 22,438,866 | 24,334,773 | 25,428,723 | 25,780,940 | 30,060,163 |
| Non Profit Instititutions Serving Households | 76,642 | 83,594 | 92,648 | 98,133 | 104,803 | 118,528 | 122,977 | 130,310 | 137,112 | 176,336 |
| **Capital Formation** | **8,793,915** | **9,097,588** | **8,205,467** | **10,058,938** | **13,050,736** | **12,276,817** | **13,435,670** | **14,140,777** | **13,733,585** | **13,140,451** |
| Gross fixed capital formation | 8,427,687 | 9,485,695 | 9,410,248 | 10,491,670 | 12,770,844 | 12,898,260 | 13,472,088 | 15,198,577 | 16,816,044 | 18,901,666 |
| Changes in inventories | 366,229 | -388,106 | -1,204,781 | -432,731 | 279,891 | -621,443 | -36,418 | -1,057,799 | -3,082,459 | -5,761,214 |
| **Exports of goods and services** | **5,064,729** | **5,396,769** | **5,586,651** | **5,965,581** | **6,568,665** | **7,622,632** | **7,669,987** | **9,029,835** | **11,135,270** | **9,828,015** |
| Export of goods | 2,691,889 | 3,136,102 | 3,431,601 | 3,579,243 | 3,829,149 | 4,276,141 | 3,899,109 | 4,914,108 | 6,100,737 | 5,567,005 |
| Export of services | 2,372,840 | 2,260,668 | 2,155,050 | 2,386,338 | 2,739,516 | 3,346,491 | 3,770,878 | 4,115,727 | 5,034,533 | 4,261,010 |
| **Imports of goods and services** | **-8,482,053** | **-8,643,421** | **-8,432,918** | **-9,674,397** | **-12,176,077** | **-12,080,306** | **-13,409,881** | **-13,798,824** | **-12,973,879** | **-13,184,584** |
| Import of goods | -7,190,625 | -7,044,465 | -6,588,008 | -7,657,947 | -9,829,831 | -9,561,025 | -10,750,945 | -10,926,381 | -9,080,895 | -10,602,332 |
| Import of services | -1,291,428 | -1,598,956 | -1,844,910 | -2,016,450 | -2,346,245 | -2,519,281 | -2,658,936 | -2,872,443 | -3,892,984 | -2,582,252 |
| Errors and Omissions | 0 | -296,316 | 127,111 | 297,579 | -169,687 | -147,535 | -346,418 | -404,028 | -151,142 | -79,158 |
| **GDP at market prices** | **26,770,432** | **28,260,745** | **29,781,869** | **31,675,622** | **34,179,614** | **35,936,566** | **38,546,546** | **41,231,365** | **44,100,809** | **47,174,902** |

**Source**: National Bureau of Statistics

**Table E. 15: Annual Growth Rates of Gross Domestic Product at Constant 2007 Market Prices by Type of Expenditure; Tanzania Mainland, 2008 - 2016**

**Percent**

| Type of Expenditure | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|
| **Final Consumption** | **6.1** | **7.0** | **3.0** | **7.5** | **5.1** | **10.4** | **3.4** | **0.3** | **15.8** |
| Government final consumption | -5.4 | 12.8 | -9.7 | 5.3 | 13.3 | 18.1 | -0.5 | -4.0 | 12.3 |
| Household final consumption | 9.6 | 5.5 | 6.6 | 8.0 | 3.1 | 8.4 | 4.5 | 1.4 | 16.6 |
| Non Profit Institutions Serving Households | 9.1 | 10.8 | 5.9 | 6.8 | 13.1 | 3.8 | 6.0 | 5.2 | 28.6 |
| **Capital Formation** | **3.5** | **-9.8** | **22.6** | **29.7** | **-5.9** | **9.4** | **5.2** | **-2.9** | **-4.3** |
| Gross fixed capital formation | 12.6 | -0.8 | 11.5 | 21.7 | 1.0 | 4.4 | 12.8 | 10.6 | 12.4 |
| Changes in inventories | -206.0 | 210.4 | -64.1 | -164.7 | -322.0 | -94.1 | 2,804.6 | 191.4 | 86.9 |
| **Exports of goods and services** | **6.6** | **3.5** | **6.8** | **10.1** | **16.0** | **0.6** | **17.7** | **23.3** | **-11.7** |
| Export of goods | 16.5 | 9.4 | 4.3 | 7.0 | 11.7 | -8.8 | 26.0 | 24.1 | -8.7 |
| Export of services | -4.7 | -4.7 | 10.7 | 14.8 | 22.2 | 12.7 | 9.1 | 22.3 | -15.4 |
| **Imports of goods and services** | **1.9** | **-2.4** | **14.7** | **25.9** | **-0.8** | **11.0** | **2.9** | **-6.0** | **1.6** |
| Import of goods | -2.0 | -6.5 | 16.2 | 28.4 | -2.7 | 12.4 | 1.6 | -16.9 | 16.8 |
| Import of services | 23.8 | 15.4 | 9.3 | 16.4 | 7.4 | 5.5 | 8.0 | 35.5 | -33.7 |
| **GDP at market prices** | **5.6** | **5.4** | **6.4** | **7.9** | **5.1** | **7.3** | **7.0** | **7.0** | **7.0** |

**Source**: National Bureau of Statistics

**Table E. 16: GDP Expenditure Deflators (2007=100); Tanzania Mainland, 2007 - 2016**

**Percent**

| Type of Expenditure | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Final Consumption** | **100** | **115** | **130** | **140** | **156** | **176** | **194** | **193** | **208** | **209** |
| Government final consumption | 100 | 112 | 125 | 135 | 145 | 159 | 172 | 164 | 193 | 199 |
| Household final consumption | 100 | 116 | 131 | 142 | 158 | 181 | 201 | 200 | 212 | 212 |
| Non Profit Institutions Serving Households | 100 | 110 | 118 | 122 | 127 | 130 | 135 | 145 | 150 | 152 |
| **Capital Formation** | **100** | **116** | **116** | **119** | **134** | **143** | **160** | **170** | **180** | **194** |
| Gross fixed capital formation | 100 | 116 | 116 | 120 | 136 | 146 | 161 | 171 | 185 | 184 |
| Changes in inventories | 100 | 134 | 117 | 140 | 76 | 205 | 300 | 184 | 208 | 160 |
| **Exports of goods and services** | **100** | **113** | **117** | **138** | **167** | **172** | **163** | **171** | **176** | **206** |
| Export of goods | 100 | 118 | 120 | 149 | 191 | 202 | 191 | 192 | 200 | 222 |
| Export of services | 100 | 107 | 114 | 120 | 132 | 132 | 135 | 147 | 148 | 184 |
| **Imports of goods and services** | **100** | **117** | **118** | **132** | **156** | **168** | **164** | **172** | **174** | **178** |
| Import of goods | 100 | 117 | 116 | 132 | 158 | 174 | 168 | 175 | 185 | 177 |
| Import of services | 100 | 114 | 122 | 131 | 147 | 147 | 148 | 162 | 147 | 181 |
| **GDP at market prices** | **100** | **116** | **127** | **138** | **154** | **171** | **184** | **193** | **206** | **220** |

**Source**: National Bureau of Statistics

**Table E. 17: Gross Capital Formation (GCF) by Type of Asset at Current Market Prices; Tanzania Mainland, 2007 – 2016**

**(Mill. TZS)**

| Asset | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|
| Building and structures | 4,412,818 | 5,994,649 | 5,459,585 | 6,398,105 | 9,020,030 | 9,749,137 | 13,003,643 | 16,427,077 | 21,462,589 | 24,105,151 |
| Transport equipment | 839,147 | 614,938 | 321,560 | 540,326 | 714,739 | 973,039 | 756,503 | 864,771 | 810,637 | 837,704 |
| Machinery and equipment | 1,320,318 | 2,138,307 | 2,501,175 | 2,693,112 | 4,062,855 | 3,925,903 | 3,226,518 | 3,664,483 | 3,452,169 | 3,668,816 |
| Other Machinery and equipments | 1,465,476 | 1,774,695 | 1,988,127 | 2,223,366 | 2,649,631 | 3,202,977 | 3,607,045 | 3,868,854 | 4,090,285 | 4,731,934 |
| Animal resources yielding repeat products | 126,173 | 123,473 | 113,057 | 30,806 | 105,573 | 177,509 | 197,084 | 207,372 | 253,298 | 293,731 |
| Intellectual property products/ R&D/ professional services | 263,754 | 384,468 | 500,236 | 686,489 | 771,939 | 757,573 | 834,576 | 936,295 | 1,053,555 | 1,130,664 |
| **Total GFCF** | **8,427,687** | **11,030,529** | **10,883,740** | **12,572,205** | **17,324,767** | **18,786,138** | **21,625,370** | **25,968,851** | **31,122,533** | **34,768,001** |

**Source**: National Bureau of Statistics

**Table E. 18: Gross Capital Formation by Type of Asset at 2007 Prices; Tanzania Mainland, 2007 – 2016**

**(Mill. TZS)**

| Asset | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|
| Building and structures | 4,412,818 | 4,894,892 | 4,674,153 | 5,214,691 | 6,551,560 | 6,768,270 | 7,844,184 | 9,034,959 | 10,657,278 | 12,325,619 |
| Transport equipment | 839,147 | 627,860 | 303,351 | 498,395 | 623,353 | 802,462 | 620,454 | 711,458 | 665,956 | 688,707 |
| Machinery and equipment | 1,320,318 | 1,898,040 | 2,222,709 | 2,275,096 | 2,983,425 | 2,640,466 | 2,109,731 | 2,426,691 | 2,258,437 | 2,378,294 |
| Other Machinery and equipment | 1,465,476 | 1,603,604 | 1,687,027 | 1,821,530 | 1,916,871 | 2,007,048 | 2,188,044 | 2,306,933 | 2,447,994 | 2,698,629 |
| Animal resources yielding repeat products | 126,173 | 105,968 | 87,016 | 91,924 | 73,262 | 102,345 | 107,907 | 107,907 | 119,910 | 126,397 |
| Intellectual property products/ R&D/ professional services | 263,754 | 355,331 | 435,992 | 590,034 | 622,374 | 577,669 | 601,768 | 610,628 | 666,468 | 684,020 |
| **Total GFCF** | **8,427,687** | **9,485,695** | **9,410,248** | **10,491,670** | **12,770,844** | **12,898,260** | **13,472,088** | **15,198,577** | **16,816,044** | **18,901,666** |

**Source**: National Bureau of Statistics

**Table E. 19: Gross Capital Formation by Public and Private Sectors at Current Market Prices; Tanzania Mainland, 2007 – 2016**

**Mill. TZS**

| Item | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|
| **A. Gross Fixed Capital Formation** | **8,427,687** | **11,030,529** | **10,883,740** | **12,572,205** | **17,324,767** | **18,786,138** | **21,625,370** | **25,968,851** | **31,122,533** | **34,768,001** |
| 1. Central Government: | 1,975,450 | 2,614,235 | 2,590,330 | 3,017,329 | 4,175,269 | 4,184,586 | 4,274,463 | 5,226,945 | 6,262,280 | 7,996,640 |
| 2. Parastatals: | 218,277 | 286,794 | 290,596 | 326,877 | 415,794 | 307,566 | 282,222 | 310,014 | 388,417 | 382,448 |
| 3. Institutions: | 241,875 | 318,782 | 314,540 | 339,450 | 462,571 | 320,857 | 296,085 | 327,083 | 377,101 | 312,912 |
| 4. Private | 5,992,085 | 7,810,718 | 7,688,274 | 8,888,549 | 12,271,132 | 13,973,130 | 16,772,600 | 20,104,809 | 24,094,735 | 26,076,001 |
| **B. Changes in Inventories** | **366,228** | **-520,796** | **-1,404,814** | **-606,714** | **213,708** | **-1,275,622** | **-109,266** | **-1,949,131** | **-6,405,326** | **-9,209,861** |
| **C. Total Capital Formation** | **8,793,915** | **10,509,733** | **9,478,925** | **11,965,491** | **17,538,474** | **17,510,517** | **21,516,104** | **24,019,721** | **24,717,206** | **25,558,140** |

**Source:** National Bureau of Statistics

**Table E. 200: Gross Domestic Product at Constant 2007 Prices by Economic Activity; Tanzania Zanzibar, 2009-2016**

**(Bill. TZS)**

| ISIC | Economic Activity | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015r | 2016p |
|---|---|---|---|---|---|---|---|---|---|
| | **GDP at market prices** | **813.6** | **848.1** | **927.5** | **972.6** | **1042.9** | **1115.4** | **1187.5** | **1268.3** |
| A | Agriculture, forestry and fishing | 198.5 | 205.1 | 214.6 | 196.8 | 222.8 | 221.8 | 227.5 | 240.5 |
| AA | Crops | 111.2 | 116.1 | 118.1 | 96.4 | 118.4 | 109.9 | 107.1 | 114.9 |
| AB | Livestock | 24.5 | 24.9 | 25.9 | 27.6 | 29.0 | 31.2 | 33.6 | 36.0 |
| AC | Forestry | 22.5 | 23.3 | 24.2 | 25.1 | 26.0 | 27.0 | 28.1 | 29.3 |
| AD | Fishing | 40.2 | 40.8 | 46.5 | 47.6 | 49.4 | 53.7 | 58.7 | 60.3 |
| B | Mining and quarrying | 11.4 | 12.1 | 14.3 | 16.2 | 15.6 | 16.3 | 18.7 | 22.3 |
| C | Manufacturing | 65.1 | 67.4 | 72.1 | 74.7 | 79.9 | 87.8 | 95.5 | 101.5 |
| D | Electricity and gas | 2.4 | 2.3 | 3.1 | 3.4 | 3.5 | 3.7 | 3.9 | 4.2 |
| E | Water supply and sewerage | 3.4 | 3.5 | 3.8 | 3.9 | 4.1 | 4.3 | 4.6 | 4.8 |
| F | Construction | 63.1 | 66.7 | 86.6 | 95.2 | 97.0 | 99.9 | 112.8 | 125.5 |
| G | Trade and repairs | 75.1 | 74.3 | 80.1 | 71.7 | 73.8 | 83.4 | 84.2 | 88.4 |
| H | Transport and storage | 32.7 | 38.0 | 43.7 | 50.2 | 54.9 | 58.7 | 61.8 | 66.0 |
| I | Accommodation and food services | 61.1 | 62.2 | 73.4 | 74.5 | 81.6 | 87.3 | 96.3 | 105.4 |
| IA | Accommodation | 48.1 | 50.6 | 57.0 | 55.1 | 56.5 | 61.4 | 70.3 | 79.4 |
| IB | Food and beverage services | 12.9 | 11.6 | 16.4 | 19.5 | 25.1 | 25.9 | 25.9 | 26.0 |
| J | Information and communication | 22.7 | 28.0 | 31.8 | 35.5 | 30.8 | 38.3 | 41.3 | 45.1 |
| K | Financial and insurance activities | 32.7 | 37.4 | 39.6 | 42.6 | 44.8 | 49.6 | 55.1 | 60.1 |
| L | Real estate activities | 46.1 | 49.0 | 52.2 | 55.6 | 59.3 | 63.4 | 67.7 | 72.4 |
| M | Professional, scientific and technical | 1.3 | 1.4 | 1.4 | 1.7 | 2.5 | 3.6 | 3.9 | 4.3 |
| N | Administrative and support services | 5.7 | 5.7 | 6.2 | 6.5 | 7.0 | 7.0 | 8.0 | 8.5 |
| O | Public administration | 86.5 | 86.5 | 88.0 | 98.5 | 103.6 | 114.8 | 130.1 | 141.9 |
| P | Education | 21.2 | 21.7 | 22.9 | 23.9 | 24.3 | 25.0 | 26.8 | 28.8 |
| Q | Human health and social work | 9.1 | 9.3 | 9.4 | 9.6 | 9.9 | 10.7 | 10.7 | 11.1 |
| R | Arts, entertainment and recreation | 2.9 | 3.0 | 3.3 | 3.2 | 3.5 | 3.7 | 4.3 | 4.7 |
| S | Other service activities | 5.1 | 5.3 | 5.7 | 5.7 | 6.1 | 6.4 | 7.4 | 8.0 |
| T | Domestic services | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 | 1.4 |
| | Less FISIM | -8.5 | -9.3 | -10.7 | -11.2 | -12.5 | -13.9 | -15.8 | -16.1 |
| | ***Adjustment to market prices*** | | | | | | | | |
| | Taxes on products | 74.9 | 77.4 | 84.8 | 113.2 | 129.2 | 142.3 | 141.4 | 139.5 |

**Source:** Office of Chief Government Statistician

**Table E. 211: Percentage Shares of Gross Domestic Product at Current Market Prices by Economic Activity; Tanzania Zanzibar, 2009-2016**

**Percent**

| ISIC | | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015r | 2016p |
|---|---|---|---|---|---|---|---|---|---|
| | **GDP at market prices** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** | **100.0** |
| A | Agriculture, forestry and fishing | 28.3 | 29.1 | 32.7 | 29.8 | 30.4 | 27.9 | 25.8 | 25.7 |
| AA | Crops | 16.5 | 16.2 | 19.5 | 16.2 | 18.0 | 16.0 | 14.2 | 15.1 |
| AB | Livestock | 3.5 | 3.6 | 3.3 | 3.4 | 3.1 | 2.8 | 2.5 | 2.3 |
| AC | Forestry | 2.9 | 2.9 | 2.9 | 3.0 | 2.8 | 2.8 | 2.8 | 2.6 |
| AD | Fishing | 5.4 | 6.4 | 6.9 | 7.2 | 6.5 | 6.4 | 6.3 | 5.7 |
| B | Mining and quarrying | 1.6 | 1.6 | 1.5 | 1.7 | 1.5 | 1.5 | 1.7 | 1.9 |
| C | Manufacturing | 8.3 | 7.3 | 6.4 | 7.1 | 7.0 | 6.3 | 6.7 | 6.9 |
| D | Electricity and gas | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.4 | 0.4 |
| E | Water supply and sewerage | 0.4 | 0.4 | 0.4 | 0.4 | 0.6 | 0.8 | 0.7 | 0.6 |
| F | Construction | 7.8 | 7.8 | 8.5 | 8.9 | 8.5 | 7.9 | 8.5 | 8.7 |
| G | Trade and repairs | 9.8 | 9.4 | 8.9 | 7.9 | 7.3 | 7.3 | 7.3 | 7.2 |
| H | Transport and storage | 4.6 | 4.6 | 4.2 | 4.3 | 4.7 | 4.0 | 5.0 | 4.3 |
| I | Accommodation and food services | 8.6 | 8.4 | 8.7 | 8.5 | 8.5 | 8.4 | 9.1 | 9.7 |
| IA | Accommodation | 6.6 | 6.7 | 6.5 | 6.0 | 5.6 | 5.8 | 6.5 | 7.0 |
| IB | Food and beverage services | 1.9 | 1.6 | 2.2 | 2.5 | 2.9 | 2.6 | 2.6 | 2.7 |
| J | Information and communication | -1.3 | 0.7 | 0.4 | 0.8 | 1.3 | 5.4 | 5.3 | 5.0 |
| K | Financial and insurance activities | 3.4 | 3.4 | 2.6 | 2.8 | 3.4 | 4.1 | 3.6 | 3.8 |
| L | Real estate activities | 6.1 | 5.8 | 5.2 | 5.5 | 6.1 | 6.9 | 7.1 | 7.2 |
| M | Professional, scientific and technical | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 | 0.4 | 0.4 | 0.4 |
| N | Administrative and support services | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.6 | 0.6 | 0.7 |
| O | Public administration | 6.3 | 6.1 | 5.7 | 7.0 | 6.4 | 5.1 | 4.8 | 4.2 |
| P | Education | 2.5 | 2.2 | 2.1 | 2.1 | 2.0 | 2.0 | 2.1 | 2.0 |
| Q | Human health and social work | 1.2 | 1.0 | 1.0 | 1.2 | 1.0 | 1.0 | 1.0 | 0.9 |
| R | Arts, entertainment and recreation | 0.3 | 0.3 | 0.4 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 |
| S | Other service activities | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.3 | 0.4 | 0.4 |
| T | Domestic services | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| | Less FISIM | -0.8 | -0.7 | -0.7 | -0.7 | -1.1 | -1.2 | -1.2 | -1.1 |
| | ***Adjustment to Market Prices*** | | | | | | | | |
| | Taxes on products | 11.1 | 10.7 | 10.1 | 10.6 | 10.2 | 10.6 | 10.0 | 10.7 |

**Source:** Office of Chief Government Statistician

**Table E. 222:Annual Growth Rates of Gross Domestic Product by Economic Activity at Constant 2007 Market Prices; Tanzania Zanzibar, 2009-2016**

| ISIC | | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015r | 2016p |
|---|---|---|---|---|---|---|---|---|---|
| | **GDP at market prices** | **6.2** | **4.3** | **9.3** | **4.9** | **7.2** | **7.0** | **6.5** | **6.8** |
| A | Agriculture, forestry and fishing | 3.8 | 3.3 | 4.7 | -8.3 | 13.2 | -0.4 | 2.5 | 5.7 |
| AA | Crops | 5.1 | 4.3 | 1.7 | -18.4 | 22.9 | -7.2 | -2.5 | 7.3 |
| AB | Livestock | 1.3 | 1.8 | 4.0 | 6.7 | 5.1 | 7.5 | 7.7 | 7.1 |
| AC | Forestry | 3.3 | 3.5 | 3.8 | 3.9 | 3.5 | 3.8 | 4 | 4.2 |
| AD | Fishing | 1.9 | 1.5 | 13.9 | 2.5 | 3.6 | 8.9 | 9.1 | 2.8 |
| B | Mining and quarrying | 12.6 | 6.6 | 18.4 | 12.7 | -3.6 | 4.9 | 10.9 | 18.8 |
| C | Manufacturing | 4.7 | 3.5 | 7.0 | 3.6 | 6.9 | 9.9 | 8.8 | 6.2 |
| D | Electricity and gas | 0.9 | -4.7 | 35.5 | 9.5 | 3.1 | 4.7 | 6.7 | 8.2 |
| E | Water supply and sewerage | 3.0 | 2.8 | 8.2 | 3.4 | 6.0 | 4.8 | 5.6 | 5.3 |
| F | Construction | 5.2 | 5.7 | 29.8 | 9.9 | 1.9 | 3.0 | 12.5 | 11.3 |
| G | Trade and repairs | -3.1 | -1.1 | 7.7 | -10.4 | 2.9 | 13.0 | 0.9 | 5.1 |
| H | Transport and storage | 13.8 | 16.4 | 14.9 | 14.9 | 9.4 | 7.0 | 5.2 | 6.8 |
| I | Accommodation and food services | 1.1 | 1.8 | 18.1 | 1.5 | 9.5 | 6.9 | 10.3 | 9.5 |
| IA | Accommodation | -1.3 | 5.2 | 12.6 | -3.4 | 2.6 | 8.7 | 14.5 | 12.9 |
| IB | Food and beverage services | 11.0 | -10.5 | 41.9 | 18.5 | 29.1 | 2.9 | 0.3 | 0.1 |
| J | Information and communication | -9.2 | 23.3 | 13.3 | 11.9 | -13.3 | 24.5 | 7.6 | 9.1 |
| K | Financial and insurance activities | 25.0 | 14.5 | 5.9 | 7.6 | 5.1 | 10.6 | 11.2 | 9 |
| L | Real estate activities | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.8 | 6.9 |
| M | Professional, scientific and technical | -4.1 | 9.3 | -3.5 | 21.4 | 47.9 | 43.4 | 9.2 | 9.6 |
| N | Administrative and support services | 5.0 | -0.5 | 9.7 | 5.0 | 6.2 | 0.9 | 12.9 | 6.7 |
| O | Public administration | 25.7 | -0.1 | 1.7 | 12.0 | 5.2 | 10.8 | 13.3 | 9 |
| P | Education | 1.9 | 2.5 | 5.5 | 4.4 | 1.4 | 3.1 | 2.9 | 7.4 |
| Q | Human health and social work | 2.4 | 2.4 | 1.3 | 2.4 | 3.0 | 7.4 | 0.2 | 3.8 |
| R | Arts, entertainment and recreation | 4.9 | 3.4 | 9.3 | -0.7 | 7.5 | 5.9 | 17.2 | 9.8 |
| S | Other service activities | 4.5 | 3.3 | 8.1 | -0.1 | 6.6 | 5.3 | 14.7 | 8.7 |
| T | Domestic services | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.1 | 3.2 | 3.1 |
| | Less FISIM | 28.1 | 8.6 | 15.7 | 4.8 | 10.8 | 11.4 | 13.7 | 2.1 |
| | ***Adjustment to market prices*** | | | | | | | | |
| | Taxes on products | 10.2 | 3.4 | 9.6 | 33.4 | 14.1 | 10.2 | 0.8 | -1.4 |

**Source: The Office of Chief Government Statistician**

**Table E. 233: Capital Formation at Current Market Prices, Tanzania Zanzibar, 2011-2015**

**Value (Mill TZS)**

| | 2011 | 2012 | 2013 | 2014r | 2015p |
|---|---|---|---|---|---|
| **Gross Fixed Capital Formation** | **380,845** | **491,064** | **512,298** | **554,369** | **570,867** |
| Construction | 258,589 | 324,308 | 353,294 | 371,409 | 429,774 |
| Transport Equipment | 62,608 | 81,570 | 68,837 | 79,069 | 47,952 |
| Other Machinery and Equipment | 57,456 | 83,554 | 86,741 | 99,778 | 88,396 |
| Working Livestock | 2,192 | 1,631 | 3,425 | 4,114 | 4,744 |
| Changes in Inventories | 4,908 | 1,324 | 12,165 | 15,552 | 17,789 |
| Acquisitions less Disposals of Valuables | 269 | 203 | 205 | 201 | 190 |
| **Capital Formation** | **386,022** | **492,591** | **524,668** | **570,121** | **588,846** |

**Source: The Office of Chief Government Statistician**

**Table E. 244: Capital Formation at 2007 Constant Market Prices, Tanzania Zanzibar, 2011-2015**

**Value (Mill TZS)**

| | 2011 | 2012 | 2013 | 2014 | 2015p |
|---|---|---|---|---|---|
| **Gross Fixed Capital Formation** | **304,261** | **346,593** | **337,543** | **365,493** | **353,387** |
| Construction | 204,668 | 225,104 | 229,423 | 237,117 | 266,790 |
| Transport Equipment | 50,013 | 62,417 | 53,203 | 64,805 | 35,318 |
| Other Machinery and Equipment | 48,339 | 58,248 | 53,240 | 61,636 | 49,162 |
| Working Livestock | 1,241 | 824 | 1,677 | 1,934 | 2,117 |
| Changes in Inventories | 4,482 | 3,111 | 6,590 | 7,319 | 7,815 |
| Acquisitions less Disposals of Valuables | 618 | 636 | 654 | 673 | 680 |
| **Capital Formation** | **309,361** | **350,340** | **344,787** | **373,485** | **361,883** |

**Source: The Office of Chief Government Statistician**

## 2.0 Government Revenue and Expenditure

**Table E. 255: Trends in Government Finance, Tanzania Mainland, 2010/11 -2016/17**

**Bill. TZS**

| Item | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16r | 2016/17p |
|---|---|---|---|---|---|---|---|
| **A. Domestic Revenue** (Incl. Revenue from LGA's) | **5,736.3** | **7,221.4** | **8,442.6** | **10,182.5** | **10,957.8** | **14,048.03** | **18,463.53** |
| **Domestic Revenue** | **5,577.9** | **7,025.9** | **8,221.8** | **9,867.2** | **10,597.7** | **13,622.18** | **17,798.12** |
| *1. Tax Revenue* | 5,293.3 | 6,480.5 | 7,730.0 | 9,294.4 | 9,891.7 | 12,410.95 | 15,079.5 |
| Import Duty and Excise Duty | 1,512.1 | 1,538.6 | 1,845.2 | 2,243.4 | 2,495.1 | 3,090.1 | 3,547.6 |
| Value Added Tax (VAT) | 1,632.9 | 2,072.6 | 2,374.9 | 2,647.7 | 3,031.8 | 3,553.6 | 4,635.7 |
| Imports | 905.6 | 1,082.9 | 1,240.1 | 1,329.5 | 1,519.9 | 1,717.9 | 2,102.3 |
| Domestic | 727.3 | 989.7 | 1,134.8 | 1,318.2 | 1,511.9 | 1,835.74 | 2,533.3 |
| Income Tax | 1,719.8 | 2,311.4 | 3,036.1 | 3,791.7 | 3,727.9 | 4,608.24 | 5,325.8 |
| Other Taxes | 601.4 | 732.3 | 706.9 | 1,123.8 | 1,278.6 | 1,921.46 | 2,336.9 |
| Refunds Accounts | -172.9 | -174.4 | -233.2 | -512.2 | -641.8 | -762.5 | -766.5 |
| *2. Non-Tax Revenue* | 284.7 | 545.4 | 491.8 | 572.8 | 706.0 | 1,211.2 | 2,718.6 |
| *3. Revenue from LGAs* | 158.3 | 195.5 | 220.8 | 315.2 | 360.1 | 425.9 | 665.4 |
| **B. Total Expenditure** | **9,439.4** | **10,764.5** | **13,543.0** | **13,958.2** | **14,603.7** | **17,759.6** | **24,796.6** |
| *1. Recurrent Expenditure* | 6,690.4 | 6,989.8 | 9,043.3 | 10,032.1 | 10,893.5 | 13,420.05 | 12,976.1 |
| *2. Development Expenditure* | 2,749.0 | 3,774.7 | 4,499.7 | 3,926.0 | 3,710.2 | 4,339.6 | 11,820.1 |
| Local Funds | 984.5 | 1,872.3 | 2,314.7 | 2,121.2 | 2,264.5 | 2,904.5 | 8,702.6 |
| Foreign Funds | 1,764.5 | 1,902.4 | 2,185.0 | 1,804.8 | 1,445.7 | 1,435.02 | 3,117.8 |
| **C. Deficit/Surplus (A-B)** | **-3,861.4** | **-3,543.1** | **-5,100.4** | **-3,775.7** | **-4,006.0** | **-3.711.6** | **-6,333.1** |
| **D. Financing** | **3,703.1** | **3,543 .1** | **5,100.4** | **3,775.7** | **3,830.7** | **6,281.3** | **4,895.7** |
| *1. External Sources* | 2,776.3 | 3,590.4 | 3,942.5 | 3,858.8 | 3,030.9 | 3,982.1 | 4,735.9 |
| Grants | 1,627.4 | 1,855.1 | 1,447.0 | 1,399.0 | 896.5 | 1,349.8 | 1,244.4 |
| Basket Support | 220.7 | 172.2 | 280.9 | 188.6 | 127.6 | 81,1 | 178.7 |
| Import Support/OGL Loans | 173.8 | 246.9 | 543.8 | 733.8 | 537.9 | 546.8 | 497.1 |
| Project Loans | 643.4 | 595.4 | 734.4 | 524.0 | 640.7 | 344.8 | 1,680.6 |
| Concessional Loans | 153.9 | 801.3 | 1,063.0 | 1,194.5 | 1,054.8 | 2,142.5 | 2,100.9 |
| Amortization (foreign) | -42.9 | -80.5 | -126.7 | -181.2 | -226.7 | -482.9 | -965.9 |
| *2. Internal Sources* | 926.8 | -47.2 | 1,157.90 | -83.1 | 799.8 | 2,299.2 | 1,597.7 |
| Non-Bank Borrowing | 337.5 | 263.6 | 401.4 | 21.2 | 0 | 776.9 | 0 |
| Bank Borrowing | 906.8 | 71.3 | 667.9 | 205.5 | 799.8 | 1,522.2 | 1,597.7 |
| Proceeds from Privatization | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Payment of Arrears | 720.2 | 1,326.90 | 1,734.50 | -1,528.20 | 2,064.80 | 2,600.0 | 3,777.1 |
| Recapitalization | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 |
| Adjustment to Cash | 162.6 | -198.5 | 440 | 300.8 | 0 | 0.0 | 0 |
| Amortization (local) | -720.2 | -1,326.90 | -1,734.50 | -1,528.20 | -2,064.80 | -2,600.0 | -3,777.1 |
| **Expenditure Float** | **-480.1** | **-183.6** | **-351.4** | **-610.6** | **0** | **0.0** | **0.0** |

**Source:** Ministry of Finance Economic Survey June ,2017

## 2.1 Revenue

During 2016/17 the Government continued to implement the priorities which include the ruling party election manifesto for 2015 to 2020 period and the National Five Year Development Plan 2016/17-2020/21. Initiatives of the Development Plan include strengthening basic infrastructure such as water, electricity and transportation in order to ensure industrial development and increased production of agricultural products used as industrial raw materials. The objective is to achieve the National Development Vision 2025. In 2016/17 the Government collected domestic revenue including revenue from LGA's amounting to TZS 18,463.5 billion. Tax revenue was TZS 15,079.5 billion, while non-tax revenue (grants, property income, sale of goods and services, fines and penalties) was TZS 2,718.6.2 billion. Over the years, the domestic revenue has been increasing due to continued efforts to improve efficiency in tax administration, particularly in the collection of Value Added Tax (VAT) on both imported and domestic goods, and income tax (Table E.25).

**Tax Revenue**

In 2016/17 tax revenue contributed about 81.7 percent of total internal revenue (including revenue from Local Government Authorities).

**Direct Tax**

These are taxes levied directly on people's income from employment, business, and ownership of property or investment. This is a tax which can not be shifted by the taxpayer to someone else. They include income tax, corporate tax, property tax, Pay as You Earn (PAYE), skills and development levy, individual tax, withholding tax, rental and gaming tax. Revenue collection through direct taxes was TZS 5,121.0 billion in 2016/17 which is equivalent to 36.0 percent of total government revenue.

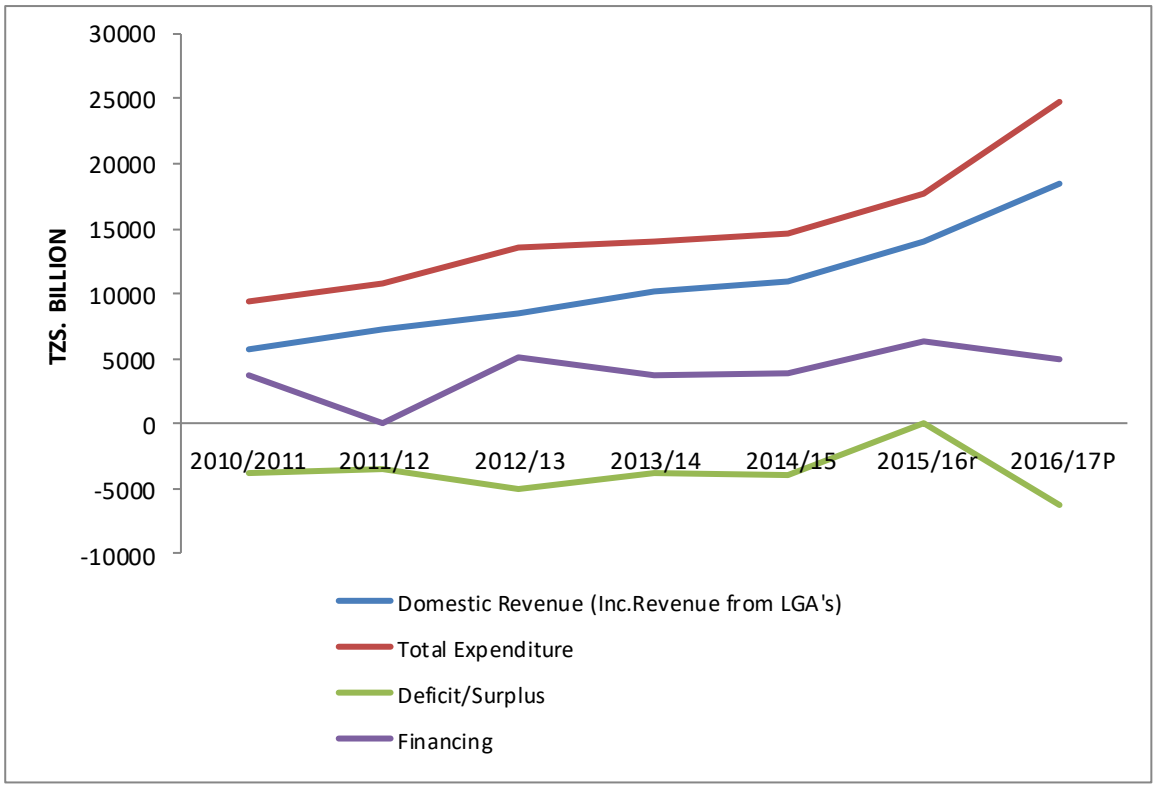
**Indirect Tax**

These are taxes based on consumption. They are broadly categorized into consumption taxes, other domestic and international trade taxes. Examples of such taxes are import Duties, excise dutie and Value Added Tax (VAT). The revenue collection through indirect taxes was TZS 9,100.9 billion in 2016/17 mainly dominated by international trade taxes. International trade taxes share increased to 64.0 percent in 2016/17 from 63.3 in 2015/16.

## 2.2 Expenditure

In 2016/17, the Government spent a total amount of TZS 24,796.6 billion. Out of this amount, recurrent expenditure was TZS 12,796.1 billion and development expenditure was TZS 11,820.5 billion (Table E.25).

**Figure E. 2: Trends in Government Finance, Tanzania Mainland, 2010/11 – 2016/17**




**Source:** Ministry of Finance and Planning

# F:

# AGRICULTURE

# F. Agriculture

## General Information

Agriculture is the largest sector of the economy in Tanzania. According to the 2012 Population and Housing Census, the majority of the population (about 70 percent) live in rural areas where their livelihood depend on agriculture either directly or indirectly. It contributes about 25 percent of Gross Domestic Product (GDP) and accounts for half of the employed labour force. Agriculture is the largest source of foreign exchange earnings and it feeds both the rural and urban populations.

## Definitions

***Holding*** is an economic unit of agricultural production under single management. It consists of all livestock kept and all land used for agricultural production, without regard to title.

***Field*** is a continuous piece of land cultivated as one by a holder, even if planted with different crops. An individual holding may consist of one or more such fields.

***Plot*** is a portion of the field planted with one specific crop e.g. maize or sorghum, or a crop mixture e.g. maize-beans.

***Large Scale Farms*** are farms with at least 20 hectares of cultivated land or 50 heads of cattle or 100 goats/pigs/sheep or 1,000 chickens. In addition to this, they should fulfil all four listed conditions:

i) Greater part of the produce should go to the market;
ii) Operation of farm should be continuous;
iii) There should be an application of machinery/implements on the farm; and
**iv)** Should have at least one permanent employee.

***Bull*** is a male cattle, with its sexual organs intact and capable of reproduction.

***Cow*** is a female cattle, 2 years of age or above and is mainly for milk production.

***Steer*** is a male cattle that is castrated before sexual maturity, especially one raised for beef.

***Heifer*** is a young cow over one year old that has not produced a calf (including calf).

***Male calf*** is young male cattle less than one year of age.

***Female calf*** is young female cattle less than one year of age.

**Table F. 1 : Production of Cash Crops; Tanzania Mainland, 2002 –2016**

**Tonne**

| Year | Cashew nuts | Sugar | Coffee | Tea | Tobacco | Cotton, (bales) | Sisal | Pyreth rum | Sugar cane (000) |
|---|---|---|---|---|---|---|---|---|---|
| 2002 | 78,000 | - | 44,000 | 81,000 | 59,000 | 178,000 | 23,000 | 1,000 | - |
| 2003 | 90,000 | - | 46,205 | 28,028 | 32,693.62 | 190,153 | 23,641 | 3,000 | 1,813 |
| 2004 | 100,000 | - | 51,970 | - | 51,972 | 344,207 | 26,800 | 897 | 2,342 |
| 2005 | 90,385 | - | 34,334 | 30,000 | 56,500 | 378,000 | 27,794 | 2,500 | 2,346 |
| 2006 | 88,213 | - | 45,534 | 31,348 | 50,617 | 130,565 | 30,847 | 2,046 | 2,501 |
| 2007 | 92,573 | 279,494 | 33,708 | 34,763 | 50,784 | 199,954 | 33,039 | 1,000 | 2,041 |
| 2008 | 99,107 | 276,605 | 58,052 | 34,770 | 55,356 | 200,662 | 33,000 | 1,500 | 2,766 |
| 2009 | 74,169 | 279,850 | 40,000 | 33160 | 60,900 | 267,004 | 26,363 | 3,320 | 2,749 |
| 2010 | 121,070 | 263,461 | 60,575 | 31,646 | 130,000 | 163,518 | 24,091 | 5,000 | 2,570 |
| 2011 | 160,000 | 260,055 | 33,219 | 33,000 | 126,624 | 225,938 | 33,406 | 5,700 | 3,019 |
| 2012 | 121,704 | 262,880 | 65,556 | 32,810 | 120,000 | 225,938 | 25,690 | 6,100 | 2,717 |
| 2013 | 127,947 | 296,697 | 71,200 | 33,700 | 86,359 | 357,130 | 34,875 | 7,000 | 2,953 |
| 2014 | 123,449 | 294,421 | 47,301 | 33,000 | 100,000 | 246,767 | 37,571 | 7,090 | 2,800 |
| 2015 | 197,933 | 304,007 | 41,674 | 35,750 | 87,737 | 203,312 | 39,204 | 6,050 | - |
| 2016 | 155,416 | 293,075 | 60,921 | 32,629 | 60,691 | 149,455 | 42,314 | 2,011 | - |
| **Percent Change 2015/16** | **-21.5** | **-3.6** | **46.2** | **-8.7** | **-30.8** | **-26.5** | **7.9** | **-66.8** | **-** |

**Source**: Ministry of Agriculture, Livestock and Fisheries

**Table F. 2: Production of Food Crops; Tanzania Mainland, 2010–2016**

**000 Tonnes**

| Crop | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Percent Change 2015/16 |
|---|---|---|---|---|---|---|---|---|
| Maize | 4,733 | 4,341 | 5,104 | 5,174 | 6,734 | 5,903 | 6,149 | 4.2 |
| Rice | 2,650 | 1,461 | 1,170 | 1,307 | 1,681 | 1,937 | 2,229 | 15.1 |
| Wheat | 62 | 113 | 109 | 92 | 167 | 72 | 76 | 5.6 |
| Millet | 1,034 | 1,119 | 1,053 | 1,041 | 1,246 | 1,007 | 1,003 | -0.4 |
| Cassava | 4,548 | 1,549 | 1,821 | 1,943 | 1,664 | 1,962 | 2,205 | 12.4 |
| Beans | 1,254 | 1,632 | 1,827 | 1,641 | 1,697 | 1,808 | 1,959 | 8.4 |
| Banana | 3,156 | 1,048 | 842 | 1,307 | 1,064 | 1,195 | 1,061 | -11.2 |
| Potatoes | 3,897 | 1,710 | 1,418 | 1,259 | 1,167 | 1,090 | 1,044 | -4.2 |

**Source**: Ministry of Agriculture, Livestock and Fisheries

**Table F. 3: Production of Main Cash Crops; Tanzania Zanzibar, 2012–2016**

Tonne

| Crops | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|
| Cloves | 1,755.4 | 5,733.0 | 4,153.0 | 3,322.0 | 4,678.69 |
| Clove stems | 328.4 | 492.6 | 901.2 | 217.4 | 974.714 |
| Seaweed | 15,087.0 | 11,043.8 | 13,302.0 | 16,724.0 | 11,114.45 |
| Rubber | 385.0 | 394.1 | 204.2 | 0 | 0 |

**Source**: Zanzibar State Trading Corporation (ZSTC), Ministry of Livestock and Fisheries, AGROTEX Company

**Table F. 4 :Production of Food Crops; Tanzania Zanzibar, 2012–2016**

Tonne

| Crop | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|
| Maize | 857 | 1,419 | 1,599 | 2,826 | 892 |
| Sorghum | 484 | 226 | 231 | 542 | 174 |
| Paddy rain fed | 6,372 | 33,655 | 29,564 | 29,083 | 3,589 |
| Cassava | 192,073 | 164,332 | 158,704 | 132,641 | 133,412 |
| Banana | 97,935 | 68,358 | 57,437 | 47,495 | 55,455 |
| Sweet potatoes | 31,768 | 53,657 | 65,137 | 55,765 | 24,834 |
| Yams | 3,564 | 2,352 | 2,116 | 2,409 | 3,520 |
| Tania | 4,092 | 3,800 | 5,437 | 5,687 | 1,724 |
| Ground nuts | 407 | 643 | 635 | 787 | 440 |
| Pigeon peas | 641 | 663 | 717 | 593 | 1,414 |
| Cowpeas/Green gram | 317 | 1,129 | 663 | 1,165 | 1,047 |

**Source:** Ministry of Agriculture, Natural Resources, Livestock and Fishing

**Table F. 5: Production of Livestock and Poultry Products; Tanzania Mainland, 2011–2016**

| Product | Unit | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|
| **Meat** | | | | | | | |
| Beef | Tonne | 262,606 | 289,835 | 299,581 | 309,086 | 319,112 | 323,775 |
| Goat/Lamb | Tonne | 103,709 | 111,106 | 115,652 | 120,199 | 124,745 | 129,292 |
| Pork | Tonne | 43,647 | 47,246 | 50,814 | 74,174 | 54,360 | 91,451 |
| Chicken | Tonne | 93,534 | 84,524 | 87,408 | 95,292 | 99,540 | 104,292 |
| **Meat total** | **Tonne** | **503,496** | **532,711** | **553,455** | **598,751** | **597,757** | **648,810** |
| **Milk** | | | | | | | |
| Traditional dairy cattle | Litres(000) | 1,135,422 | 1,255,938 | 1,297,775 | 1,339,613 | 1,381,451 | 1,423,288 |
| Graded breed dairy cattle | Litres(000) | 608,800 | 597,161 | 623,865 | 650,570 | 677,275 | 703,979 |
| **Milk total** | **Litres(000)** | **1,744,222** | **1,853,099** | **1,921,640** | **1,990,183** | **2,058,726** | **2,127,267** |
| **Chicken eggs** | **Number(000)** | **3,339,566** | **3,494,584** | **3,725,200** | **3,899,569** | **4,153,800** | **4,353,182** |
| **Hides and skins** | | | | | | | |
| Cattle | Number | 2,500,000 | 2,800,000 | 2,900,000 | 3,100,000 | 4,050,000 | 4,620,000 |
| Goats | Number | 2,400,000 | 3,400,000 | 3,600,000 | 2,800,000 | - | - |
| Sheep | Number | 200,000 | 650,000 | 700,000 | 550,000 | - | - |
| **Total hides and skins** | **Number** | **5,100,000** | **6,850,000** | **7,200,000** | **6,450,000** | | |

**Source**: Ministry of Agriculture, Livestock and Fisheries

**Table F. 6: Production of Oil and Garden Crops; Tanzania Mainland, 2012-2016**

**Tonne**

| Crop | 2012 | 2013 | 2014 | 2015 | 2016 | Percent Change 2015/16 |
|---|---|---|---|---|---|---|
| **Oil Crops** | | | | | | |
| Sun flower | 1,125,000 | 2,625,000 | 2,755,000 | 2,878,500 | 2,995,500 | 4.1 |
| Ground nuts | 810,000 | 1,425,000 | 1,635,735 | 1,835,933 | 2,025,595 | 10.3 |
| Sesame oil/simsim | 456,000 | 1,050,000 | 1,113,892 | 1,174,589 | 1,232,092 | 4.9 |
| Palm oil | 24,880 | 40,500 | 41,000 | 41,475 | 41,925 | 1.1 |
| Soya | 5,620 | 5,830 | 6,025 | 6,030 | 6,035 | 0.1 |
| **Garden Crops** | | | | | | |
| Fruits | 3,938,730 | 4,096,280 | 4,416,690 | 4,574,240 | 4,711,000 | 3.0 |
| Vegetable | 901,680 | 937,750 | 1,005,305 | 1,041,375 | 1,189,000 | 14.2 |
| Flowers | 9,850 | 10,200 | 10,790 | 11,140 | 11,500 | 3.2 |
| Spices | 7,370 | 8,125 | 8,377 | 8,609 | 20,400 | 137.0 |

**Source**: Ministry of Agriculture, Livestock and Fisheries

**Table F. 7: Number of Large Scale Farms; Tanzania Mainland, 1987/88, 1994/95, 2002/03 and 2007/08**

**Number**

| Region | 1987/88 | 1994/95 | 2002/03 | 2007/08 | Percent Change 2002/03 – 2007/08 |
|---|---|---|---|---|---|
| Dodoma | 4 | 19 | 15 | 27 | 80.0 |
| Arusha | 133 | 325 | 142 | 104 | -26.8 |
| Kilimanjaro | 24 | 87 | 96 | 63 | -34.4 |
| Tanga | 65 | 128 | 109 | 113 | 3.7 |
| Morogoro | 44 | 74 | 110 | 73 | -33.6 |
| Pwani | 19 | 54 | 76 | 67 | -11.8 |
| Dar es Salaam | - | - | 80 | 32 | -60.0 |
| Lindi | 9 | 14 | 9 | 14 | 55.6 |
| Mtwara | 5 | 26 | 36 | 38 | 5.66 |
| Ruvuma | 22 | 43 | 46 | 43 | -6.5 |
| Iringa | 73 | 65 | 68 | 105 | 54.4 |
| Mbeya | 11 | 34 | 46 | 38 | -17.4 |
| Singida | 5 | 35 | 27 | 29 | 7.4 |
| Tabora | 1 | 18 | 17 | 12 | -29.4 |
| Rukwa | 4 | 8 | 11 | 8 | -27.3 |
| Kigoma | 6 | 6 | 34 | 6 | -82.4 |
| Shinyanga | 15 | 21 | 30 | 3 | -90.0 |
| Kagera | 6 | 16 | 11 | 35 | 218.2 |
| Mwanza | 22 | 53 | 76 | 42 | -44.7 |
| Mara | 12 | 13 | 17 | 26 | 52.9 |
| Manyara | - | - | 156 | 90 | -42.3 |
| **Total** | **480** | **1,039** | **1,212** | **968** | **-20.1** |

**Source**: National Bureau of Statistics

**Figure F. 1: Number of Large Scale Farms; Tanzania Mainland, 1987/88, 1994/95 , 2002/03 and 2007/08**

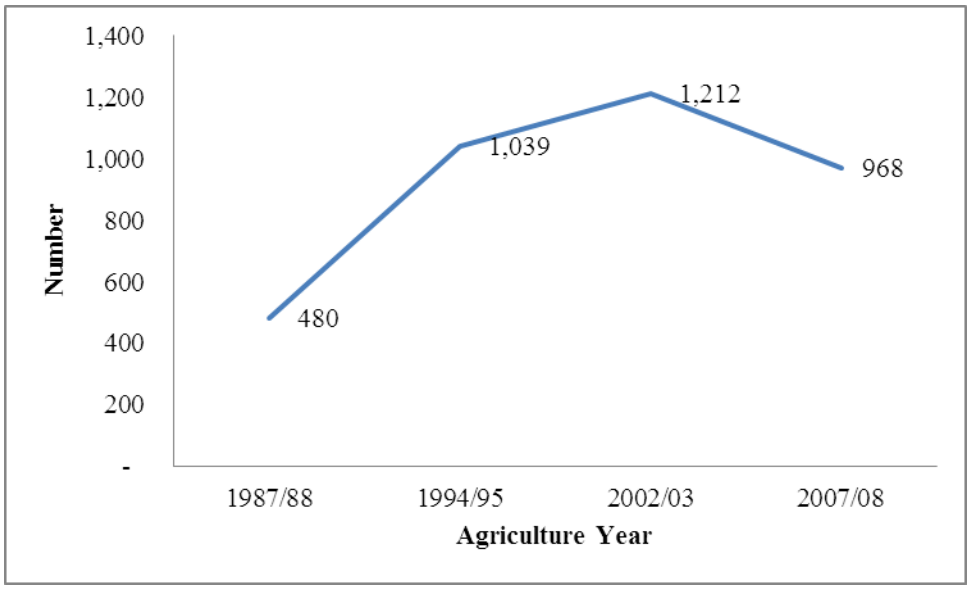



**Table F. 8: Area Planted, Harvested and Quantity Harvested on Large Scale Farms by Season and Type of Cereal Crop; Tanzania Mainland, 2007/2008**

| Crop | Rainy Season | Area Planted (ha) | Area Harvested (ha) | Quantity Harvested (tonne) | Yield (tonnes/hectare) |
|---|---|---|---|---|---|
| Maize | Long | 20,399 | 19,569 | 319,711 | 16.3 |
| | Short | 3,076 | 2,470 | 24,414 | 9.9 |
| Sorghum | Long | 693 | 679 | 2,013 | 3.0 |
| | Short | 98 | 96 | 88 | 0.9 |
| Finger Millet | Long | 690 | 690 | 1,388 | 2.0 |
| | Short | 1 | 1 | 2 | 1.3 |
| Bulrush Millet | Long | 41 | 34 | 2,313 | 68.8 |
| | Short | 0 | 0 | 0 | 0 |
| Wheat | Long | 12,589 | 12,345 | 161,215 | 13.1 |
| | Short | 8 | 8 | 640 | 80.0 |
| Paddy | Long | 4,361 | 4,288 | 52,915 | 12.3 |
| | Short | 1,087 | 1,014 | 25,452 | 25.1 |
| Barley | Long | 1,727 | 1,717 | 9,829 | 5.7 |
| | Short | 0 | 0 | 0 | 0 |
| **Total** | **Long** | **40,500** | **39,322** | **549,384** | **n.a** |
| | **Short** | **4,270** | **3,589** | **50,595** | **n.a** |
| **Grand total** | | **44,770** | **42,911** | **599,979** | **n.a** |

**Source:** National Bureau of Statistics (Tanzania Agriculture Sample Census, 2007/08)

**Table F. 9: Number of Livestock**/Poultry, **Households, and Livestock/Poultry per Household by Type of Livestock/Poultry, Tanzania, 1st October, 2008**

| Type Livestock/ poultry | Tanzania Mainland | | | Tanzania Zanzibar | | |
|---|---|---|---|---|---|---|
| | Livestock/ Poultry | Households | Livestock/Poultry Keeping per Household | Livestock/Poltry | Households | Livestock/Poultry Keeping per Household |
| Cattle | 21,125,251 | 1,659,160 | 13 | 155,624 | 39,420 | 4 |
| Goats | 15,085,150 | 1,732,863 | 9 | 68,972 | 13,107 | 5 |
| Sheep | 5,714,975 | 638,589 | 9 | 574 | 210 | 3 |
| Pigs | 1,581,396 | 521,797 | 3 | 3,015 | 153 | 20 |
| Chicken | 42,666,543 | 3,745,867 | 11 | 1,078,962 | 80,069 | 13 |
| Ducks | 1,157,520 | 176,548 | 7 | 34,279 | 3,321 | 10 |
| Turkeys | 83,297 | 10,036 | 8 | 881 | 229 | 4 |
| Rabbits | 135,737 | 26,716 | 5 | 1,262 | 198 | 6 |
| Donkeys | 296,660 | 100,181 | 3 | 353 | 296 | 1 |

**Source**: National Bureau of Statistics, (Tanzania Agriculture Sample Census 2007/08)

**Table F. 10: Number of Indigenous Cattle by Category of Cattle and Region, Tanzania, 1st October, 2008**

| Region | Category of Indigenous Cattle | | | | | | |
|---|---|---|---|---|---|---|---|
| | Bulls | Cows | Steers | Heifers | Male calves | Female calves | Total |
| Dodoma | 367,651 | 403,894 | 37,570 | 145,191 | 95,099 | 117,310 | 1,166,715 |
| Arusha | 418,592 | 675,516 | 48,152 | 172,695 | 190,154 | 211,404 | 1,716,514 |
| Kilimanjaro | 56,227 | 119,573 | 12,836 | 50,349 | 38,631 | 43,555 | 321,171 |
| Tanga | 103,593 | 267,204 | 16,240 | 127,482 | 86,407 | 87,188 | 688,114 |
| Morogoro | 221,605 | 166,090 | 21,077 | 113,006 | 47,620 | 59,077 | 628,475 |
| Pwani | 36,306 | 92,682 | 8,756 | 37,820 | 24,772 | 25,274 | 225,610 |
| Dar es Salaam | 1,218 | 1,762 | 303 | 1,311 | 579 | 934 | 6,108 |
| Lindi | 3,554 | 9,947 | 811 | 5,242 | 2,780 | 4,116 | 26,450 |
| Mtwara | 3,721 | 8,983 | 458 | 1,505 | 305 | 2,442 | 17,415 |
| Ruvuma | 14,448 | 25,963 | 1958 | 6,784 | 4,956 | 7,660 | 61,768 |
| Iringa | 167,163 | 154,311 | 7,869 | 41,703 | 37,740 | 50,488 | 459,275 |
| Mbeya | 265,210 | 269,541 | 10,729 | 95,644 | 60,383 | 86,405 | 787,912 |
| Singida | 472,867 | 597,208 | 53,194 | 128,893 | 172,413 | 159,740 | 1,584,313 |
| Tabora | 671,932 | 601,684 | 50,931 | 393,741 | 186,277 | 219,080 | 2,123,645 |
| Rukwa | 293,488 | 254,775 | 10,260 | 77,290 | 72,193 | 91,694 | 799,700 |
| Kigoma | 22,538 | 61,942 | 1,319 | 32,664 | 13,684 | 21,852 | 154,000 |
| Shinyanga | 1,336,814 | 1,006,672 | 85,576 | 565,170 | 303,826 | 337,201 | 3,635,260 |
| Kagera | 126,401 | 379,585 | 13,060 | 126,077 | 67,974 | 100,115 | 813,212 |
| Mwanza | 593,054 | 584,516 | 36,889 | 348,566 | 175,959 | 231,918 | 1,970,901 |
| Mara | 484,718 | 620,406 | 25,453 | 248,344 | 150,161 | 153,487 | 1,682,569 |
| Manyara | 456,137 | 588,876 | 25,109 | 200,534 | 173,180 | 204,653 | 1,648,488 |
| **Tanzania Mainland** | **6,117,238** | **6,891,131** | **468,550** | **2,920,011** | **1,905,094** | **2,215,592** | **20,517,616** |
| **Tanzania Zanzibar** | **31,104** | **58,061** | **2,362** | **24,972** | **14,910** | **17,334** | **148,744** |
| **Tanzania** | **6,148,341** | **6,949,192** | **470,912** | **2,944,983** | **1,920,005** | **2,232,927** | **20,666,360** |

**Source:** National Bureau of Statistics and Office of Chief Government Statistician

**Table F. 11: Number of Agricultural Households by Type of Holding and Region, Tanzania, 2007/08**

| Region | Crops Only | | Livestock Only | | Pastoralist | | Crops and Livestock | | Total Households | Total Households Growing Crops | Total Households Rearing Livestock |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Households | Percent | Households | Percent | Households | Percent | Households | Percent | | | |
| Dodoma | 256,105 | 71.3 | 463 | 0.1 | 0 | 0.0 | 102,402 | 28.5 | 358,969 | 358,507 | 102,865 |
| Arusha | 37,985 | 18.5 | 31,097 | 15.1 | 778 | 0.4 | 135,687 | 66.0 | 205,547 | 173,673 | 167,562 |
| Kilimanjaro | 56,710 | 23.4 | 1,700 | 0.7 | 0 | 0.0 | 184,298 | 75.9 | 242,708 | 241,008 | 185,997 |
| Tanga | 213,940 | 64.7 | 3,131 | 0.9 | 233 | 0.1 | 113,476 | 34.3 | 330,779 | 327,415 | 116,839 |
| Morogoro | 253,187 | 84.8 | 1,317 | 0.4 | 140 | 0.0 | 43,777 | 14.7 | 298,421 | 296,963 | 45,235 |
| Pwani | 146,465 | 83.9 | 1,785 | 1.0 | 45 | 0.0 | 26,228 | 15.0 | 174,523 | 172,692 | 28,058 |
| Dar es Salaam | 21,786 | 62.0 | 2,986 | 8.5 | 68 | 0.2 | 10,320 | 29.4 | 35,160 | 32,106 | 13,374 |
| Lindi | 148,721 | 89.1 | 79 | 0.0 | 0 | 0.0 | 18,098 | 10.8 | 166,898 | 166,819 | 18,177 |
| Mtwara | 214,234 | 85.9 | 317 | 0.1 | 0 | 0.0 | 34,822 | 14.0 | 249,373 | 249,056 | 35,138 |
| Ruvuma | 147,596 | 70.2 | 59 | 0.0 | 0 | 0.0 | 62,626 | 29.8 | 210,281 | 210,221 | 62,685 |
| Iringa | 218,110 | 71.1 | 278 | 0.1 | 0 | 0.0 | 88,241 | 28.8 | 306,629 | 306,351 | 88,519 |
| Mbeya | 247,796 | 54.5 | 1,458 | 0.3 | 0 | 0.0 | 205,570 | 45.2 | 454,824 | 453,366 | 207,028 |
| Singida | 100,468 | 46.3 | 617 | 0.3 | 206 | 0.1 | 115,701 | 53.3 | 216,992 | 216,169 | 116,524 |
| Tabora | 163,699 | 56.8 | 283 | 0.1 | 0 | 0.0 | 124,464 | 43.1 | 288,447 | 288,163 | 124,747 |
| Rukwa | 137,109 | 60.6 | 272 | 0.1 | 0 | 0.0 | 88,868 | 39.3 | 226,250 | 225,977 | 89,140 |
| Kigoma | 157,416 | 69.9 | 463 | 0.2 | 0 | 0.0 | 67,292 | 29.9 | 225,171 | 224,708 | 67,755 |
| Shinyanga | 224,062 | 46.2 | 523 | 0.1 | 0 | 0.0 | 260,627 | 53.7 | 485,212 | 484,689 | 261,150 |
| Kagera | 289,238 | 71.3 | 2,110 | 0.5 | 2,197 | 0.5 | 112,365 | 27.7 | 405,910 | 401,603 | 116,672 |
| Mwanza | 221,907 | 55.6 | 961 | 0.2 | 251 | 0.1 | 175,874 | 44.1 | 398,993 | 397,781 | 177,086 |
| Mara | 104,928 | 46.3 | 805 | 0.4 | 0 | 0.0 | 120,998 | 53.4 | 226,731 | 225,926 | 121,803 |
| Manyara | 60,611 | 30.5 | 5,224 | 2.6 | 0 | 0.0 | 132,677 | 66.8 | 198,513 | 193,288 | 137,902 |
| **Tanzania Mainland** | **3,422,072** | **60.0** | **55,929** | **1.0** | **3,917** | **0.1** | **2,224,410** | **39.0** | **5,706,329** | **5,646,483** | **2,284,257** |
| **Tanzania Zanzibar** | **86,509** | **65.4** | **1,840** | **1.4** | **0.0** | **0.0** | **43,844** | **33.2** | **132,193** | **130,353** | **45,684** |
| **Tanzania** | **3,508,581** | **60.1** | **57,770** | **1.0** | **3,917** | **0.1** | **2,268,255** | **38.8** | **5,838,523** | **5,776,836** | **2,329,942** |

**Source:** National Bureau of Statistics (Tanzania Agriculture Sample Census 2007/08)

# G:

# INDUSTRY

# G. Industry

## General Information

The National Bureau of Statistics collects data on industrial sector through three major surveys: the industrial census, the annual survey of industrial production and the quarterly survey of industrial production. The annual survey has been conducted since 1965. The industrial census is the extension of the annual survey in terms of content and coverage. The last industrial census was that of 2013. The conduct of the quarterly survey started in 1986, before that a monthly survey was being carried out. The data collected through censuses and annual surveys relate to establishment description; employment and remuneration; production costs; output and expenditure on fixed assets.

The annual survey covers all establishments engaging 10 or more persons, while during the census an attempt is made to cover all known establishments engaging one or more persons. The quarterly survey is limited to establishments engaging 50 or more persons and only those in manufacturing sector. The data collected through this survey relate to the production of commodities and prices and are used to compile the Production Index of Manufacturing Industries (PIMI) and Producer Price Index (PPI).

## Concepts and Definitions

***Industrial Sector*** is a sector which includes all establishments engaged in activities that fall under mining and quarrying, manufacturing, production and distribution of electricity, gas and water.

***Statistical Unit*** is a business entity for which the required data sets are collected and compiled.

***Establishment*** is an economic unit, which engages under a single control, in one or predominantly one kind of industrial activity at a single location i.e. an individual firm, mine, factory or a workshop. It should be noted that, due to record keeping practices of some firms, it has not been possible in every case to strictly follow the definition of an establishment as stated above. In a few cases, the restrictions especially on location have been relaxed to some extent.

***Reference period*** is the time to which the statistical data or statistics relate or refer to. In the context of industrial statistics, the usual reference period is the calendar year.

***Employees*** are persons who, during the reference period, performed some work for pay in cash or in-kind. They include persons employed under permanent, temporary or casual terms. Proprietors, unpaid workers, and others who are not in receipt of regular payment are excluded.

***Persons engaged:*** The term covers employees as well as working proprietors, unpaid family workers and other unpaid workers. Directors and ex-employees receiving pension are excluded.

***Labour costs:*** The term refers to total sum of wages, salaries, benefits in kind and contributions to social security schemes by the establishment.

***Gross output:*** It includes value of products and by-products made by the establishment during the reference period regardless of whether they have been sold or are still part of stock; the value of services or work done by the establishment for others; the sales value of goods sold in the same condition as purchased; and the net value of work in progress. The products are valued at ex-factory sales price less indirect taxes.

***Production costs:*** These are costs of materials (raw materials, chemicals, auxiliary materials and packing materials); costs of work done by others for the establishment, purchase value of goods sold in the same condition as purchased; and other costs including repair and maintenance.

***Value added:*** This is the difference between gross output and production costs.

***Electricity:*** The term refers to installed capacity; production and sales of electricity. Information on electricity generated by industrial and other enterprises as well as individual households, for their own use, is not included. The sales of electricity shown are not confined to the townships only, but also represent supplies to industrial and commercial concerns in other parts of the respective regions.

***Mining:*** Is the process or activity of extracting ores or minerals from the ground.

***Natural Gas:*** Is a fossil fuel formed when layers of buried plants and animals are exposed to intense heat and pressure over thousands of years.

**Table G. 1: Production of Selected Minerals; Tanzania Mainland, 2010 – 2016**

| Mineral | Unit | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|
| Diamonds | Carat | 80,498 | 28,378 | 127,174 | 179,633 | 252,875 | 216,491 | 237,685 |
| Gold | Kg | 39,448 | 37,085 | 39,012 | 42,534 | 40,481 | 43,293 | 45,155 |
| Gemstone | Kg | 2,646,109 | 1,241,581 | 1,237,625 | 1,692,436 | 3,083,765 | 1,872,915 | 2,554,932 |
| Salt | Tonne | 34,455 | 32,297 | 34,016 | 36,032 | 54,757 | 92,158 | 145,718 |
| Gypsum | Tonne | 26,918 | 9,288 | 91,610 | 171,567 | 200,179 | 239,302 | 213,744 |
| Pozzolana | Tonne | 60,320 | 113,489 | 75,193 | 79,452 | 68,925 | 342,628 | 230,045 |
| Kaolin | Tonne | 58 | 1,177 | 1,422 | 907 | 3,809 | 1,953 | 605 |
| Silver ore | Kg | 12,470 | 10,399 | 11,227 | 12,159 | 14,493 | 15,569 | 17,984 |
| Copper | Pound | 11,741,898 | 7,531,164 | 12,426,025 | 12,749,548 | 14,027,008 | 14,252,341 | 15,762,430 |
| Bauxite | Tonne | 39,326,000 | 29,520,000 | 28,433,930 | 39,977,300 | 25,641,201 | 204,956 | 72,779 |

**Carat = 0.205 Gm**

**Source:** Ministry of Energy and Minerals

**Table G. 2: Quantity and Value of Minerals Exported, Tanzania, 2012 – 2016**

| Mineral | Unit | 2012 | 2013 | 2014 | 2015 | 2016 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Quantity to | | | | | Value (000 USD) | | | | |
| Diamonds (rough) | 000 Carats | 127 | 180 | 252,875 | 216,491 | 239,305 | 33,827 | 46,013 | 82,053 | 56,003 | 85,090 |
| Diamonds (cut) | 000 Carats | - | - | - | - | - | - | - | - | - | - |
| Diamonds (contruct goods) | 000 Carats | - | - | - | - | - | - | - | - | - | - |
| Gold | 000 Gms | 39,012 | 42,534 | 40,481 | 43,358 | 45,155 | 2,161,520 | 1,735,708 | 1,640,072 | 1,609,392 | 1,824,815 |
| Gemstone | 000 Gms | - | 1,086,532 | 3,083,765 | 1,872,915 | 2,944,107 | 32,570 | 62,453 | 49,146 | 46,067 | 60,483 |
| Salt | Tonne | 32,004 | 33,210 | 54,757 | 92,158 | 145,718 | 3,408 | 3,785 | 5,275 | 5,071 | 4,806 |
| Phosphate | Tonne | 570,626 | 397,020 | 738,000 | 222,800 | 23,658 | 277 | 225 | 140 | 126 | 721 |
| Tin | Tonne | 48 | - | 79 | 179 | 138 | 732 | - | 907 | 959 | 1,499 |
| Gypsum | Tonne | 71,610 | | 200,179 | 235,920 | 213,744 | 215 | 231 | 2,518 | 4,445 | 23,792 |
| Graphite | Tonne | - | - | 25 | 30 | 1,180 | - | - | 3 | 5 | 2,132 |
| Silver | 000 Gms | 11,227 | 11,013 | 14,493 | 15,569 | 17,984 | 12,682 | 17,214 | 10,283 | 7,626 | 9,901 |
| Copper | 000 Lb | 12,426 | 112,654 | 14,027 | 14,252 | 16,247 | 44,816 | 42,134 | 43,675 | 35,658 | 35,421 |
| Industrial mineral | Tonne | - | - | 98 | 151,297 | 4,769,577 | - | - | 9 | 3,254 | 78,473 |
| Bauxite | Tonne | 28,433,930 | 39,977,300 | 25,647,201 | 204,956 | 74,660 | 12,479 | 35,827 | 20,014 | 325 | 1,242 |
| **Total (000 USD)** | | **n.a** | **n.a** | **n.a** | **n.a** | **n.a** | **2,302,526** | **1,943,590** | **1,854,095** | **1,768,930** | **2,128,372** |

**Source:** Ministry of Energy and Minerals

**Table G. 3: Production of Natural Gas at Songosongo, Mnazi Bay and Kiliwani North, Tanzania Mainland, 2004 - 2016**

**Cubic Feet**

| Year | Songo Songo | Mnazi Bay | Kiliwani North | Total |
|---|---|---|---|---|
| 2004 | 4,659,000,000 | - | - | 4,659,000,000 |
| 2005 | 14,704,000,000 | - | - | 14,704,000,000 |
| 2006 | 17,907,000,000 | - | - | 17,907,000,000 |
| 2007 | 19,705,000,000 | 258,186,803 | - | 19,963,186,803 |
| 2008 | 20,084,000,000 | 321,239,550 | - | 20,405,239,550 |
| 2009 | 23,593,000,000 | 323,686,310 | - | 23,916,686,310 |
| 2010 | 27,633,000,000 | 454,123,320 | - | 28,087,123,320 |
| 2011 | 30,970,500,000 | 664,980,487 | - | 31,635,480,487 |
| 2012 | 36,233,010,000 | 673,870,408 | - | 36,906,880,408 |
| 2013 | 35,217,410,596 | 715,942,883 | - | 35,933,353,479 |
| 2014 | 33,061,500,000 | 783,595,488 | - | 33,845,095,488 |
| 2015 | 31,384,100,000 | 5,792,141,976 | - | 37,176,241,976 |
| 2016 | 29,747,400,000 | 15,792,127,458 | 2,783,497,464 | 48,323,024,922 |
| **Total** | **324,898,920,596** | **25,779,894,683** | **2,783,497,464** | **353,462,312,743** |

***Source:*** *Tanzania Petroleum Development Corporation (TPDC*)

**Table G. 4: Revenue Received from Gas Sales from Songosongo and Mnazi Bay, Tanzania Mainland, 2004 – 2016**

**USD**

| Year | Songosongo | Mnazi Bay | Total |
|---|---|---|---|
| 2004 | 2,411,281 | - | 2,411,281 |
| 2005 | 9,019,384 | - | 9,019,384 |
| 2006 | 14,966,409 | - | 14,966,409 |
| 2007 | 16,861,492 | 305,236 | 17,166,728 |
| 2008 | 19,521,646 | 388,449 | 19,910,095 |
| 2009 | 21,403,804 | 396,109 | 21,799,913 |
| 2010 | 25,607,621 | 1,080,131 | 26,687,753 |
| 2011 | 38,337,903 | 1,444,856 | 39,782,759 |
| 2012 | 35,026,145 | 1,525,251 | 36,551,396 |
| 2013 | 50,582,385 | 1,592,879 | 52,175,264 |
| 2014 | 58,761,119 | 1,762,977 | 60,524,096 |
| 2015 | 43,854,236 | 1,921,965 | 45,776,201 |
| 2016 | 38,172,718 | 13,818,715 | 51,991,433 |
| **Total** | **374,526,143** | **24,236,568** | **398,762,712** |

***Source:*** *Tanzania Petroleum Development Corporation (TPDC)*

**Table G. 5: Production (Quantity); in Selected Private Industries by Type of Product Tanzania Zanzibar, 2012 - 2016**

| Product | Unit | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|
| Beverages** | Litres (000) | 14,409 | 12,409 | 12,448 | 16,972 | 19,811 |
| Bread | Number (000) | 114,858 | 127,815 | 143,855 | 161,911 | 174,350 |
| Wheat Flour | Tonne | 17,566 | 23,360 | 31,899 | 27,749 | 23,834 |
| Wheat Bran | Tonne | 1,022 | 88,426 | 5,863 | 161,911 | 9,922 |
| Dairy products | Litres (000) | - | - | 1,527,876 | 7,745,044 | 10,475,453 |
| Noodles *(Tambi)* | Kgs | 199,000 | 215,915 | 222,322 | 277,990 | 181,872 |
| Door UPVC | Number | 95 | 105 | 168 | 229 | 93 |
| Window UPVC | Number | 201 | 130 | 270 | 320 | 149 |
| Video Radio Tape | Carton | 4,646 | 0 | 0 | 0 | 0 |
| Garments Dish Dash *(Nguo)* | Pc | 2,877 | 3,622 | 3,950 | 3,419 | 3,674 |
| Jewellery (Gold/Silver) | Gm | 8,172 | 6,730 | 8,199 | 7,032 | 5,915 |

** Includes Mineral Water and Juice
**Source:** Office of Chief Government Statistician

**Table G. 6: Production of Selected Manufactured Commodities; Tanzania Mainland, 2012 – 2016**

| Commodity | Unit | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|
| Animal feeds | Tonne | 4,730 | 4,217 | 2,471 | 2,289 | 6,379 |
| Biscuits | Tonne | 16,006 | 17,440 | 15,793 | 15,274 | 15,551 |
| Black tea | Tonne | 44,584 | 42,053 | 46,497 | 45,750 | 45,650 |
| Blankets | Number (000) | 130 | 159 | 270 | 279 | 308 |
| Blended tea | Tonne | 43,998 | 43,579 | 44,711 | 46,230 | 49,303 |
| Bottled beer | Litres (000) | 338,650 | 374,238 | 379,913 | 391,742 | 393,560 |
| Canned fruits and vegetables | Tonne | 4,133 | 3,987 | 4,791 | 4,709 | 6439 |
| Canvas | Metres (000) | 557 | 1,281 | 1,444 | 1,485 | 1,920 |
| *Chibuku* | Litres (000) | 22,028 | 19,935 | 20,301 | 23,028 | 26,513 |
| Cigarettes | Numbers (000) | 7,558 | 7,710 | 8,028 | 7,837 | 8,091 |
| Coffee beans, cured | Tonne | 71,114 | 54,696 | 51,763 | 82,058 | 61,199 |
| Cotton yarn | Tonne | 3,169 | 4,223 | 4,391 | 4,330 | 4,666 |
| Fish products | Tonne | 34,940 | 29,289 | 30,009 | 31,328 | 34,953 |
| Fishnet and products | Tonne | 295 | 297 | 279 | 311 | 256 |
| Foam mattresses | Numbers (000) | 4,847 | 5,531 | 6,196 | 6,076 | 7,019 |
| Instant Coffee | Tonne | 440 | 458 | 513 | 513 | 576 |
| Maize flour | Tonne | 16,438 | 20,064 | 17,669 | 19,460 | 26,113 |
| Rice | Tonne | 78 | 92 | 97 | 24 | - |
| Soft drinks | Litres (000) | 585,567 | 575,337 | 571,483 | 650,781 | 680,451 |
| Spirits | Litres (000) | 16,774 | 20,680 | 31,832 | 29,491 | 28,754 |
| Standardized milk | Litres (000) | 35,684 | 38,546 | 42,462 | 40,264 | 34,480 |
| Sugar | Tonne | 271,059 | 243,353 | 299,550 | 251,073 | 286,707 |
| Textile bags | Numbers (000) | 1,962 | 1,733 | 1,373 | 1,158 | 839 |
| Tobacco, cured | Tonne | 64,477 | 73,464 | 47,197 | 52,224 | 62,852 |
| Vegetable oils and fats | Tonne | 151,586 | 172,966 | 198,013 | 190,824 | 281,276 |
| Wheat flour | Tonne | | | | | 512,068 |
| Adhesives and ind. Detergents | Tonne | 3,016 | 3,042 | 3,171 | 3,280 | 3,354 |
| Alumin wares | Tonne | 931 | 1,395 | 2,065 | 1,855 | 1,280 |
| Aluminum circles/sheets | Tonne | 23 | 40 | 27 | 32 | - |

**Table G.6 (ctd): Production of Selected Manufactured Commodities; Tanzania Mainland, 2012– 2016**

| Commodity | Unit | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|
| Auto batteries | Number (000) | - | - | - | - | - |
| Auto tubes | Number (000) | - | - | - | - | - |
| Auto tyres | Number (000) | - | - | - | - | - |
| Brooms/brushes | Number (000) | 2,898 | 3,340 | 3,814 | 4,031 | 3,650 |
| Capsules | Mill Piece | 57 | 109 | 166 | 153 | 161 |
| Cement | Tonne | 2,581,398 | 2,345,647 | 2,795,687 | 3,134,908 | 4,047,712 |
| Ceramics | Tonne | - | - | - | - | - |
| Chipboards | Tonne | 2,087 | 1,544 | 1,344 | 1,856 | 1,931 |
| Corrugated Iron sheets | Tonne | 81,427 | 73,787 | 70,789 | 91,385 | 91,109 |
| Crown corks | Number mill. | 119 | 138 | 154 | 130 | 151 |
| Dry cells | Number mill. | 68 | 75 | 93 | 87 | 69 |
| Electric cables | Tonne | 2,390 | 3,832 | 3,963 | 3,225 | 4,424 |
| Electrical motors | Number | 273 | 409 | 540 | 378 | 446 |
| Galvanized Pipes | Tons | 13,554 | 15,252 | 15,973 | 19,639 | 21,782 |
| Glass | Tonne | 11,836 | 13,263 | 12,938 | 13,277 | 13,933 |
| Hard Boards | Tonne | - | 56 | - | - | - |
| Industrial and Medical gases | Cu.m. (000) | 820 | 453 | 539 | 571 | 948 |
| Industrial machines | Number | 46 | 22 | - | - | - |
| Insecticides and pesticides liquid | Tonne | 12 | 9 | 8 | 4 | 4 |
| Insecticides and pesticides powder | Tonne | 967 | 198 | 4 | 4 | 4 |
| Knitted fabrics | Sq.m (000) | 8,993 | 9,003 | 21,145 | 20,332 | 19,952 |
| Knitted garm | Number (000) | 4,20 | 3,804 | 3,973 | 5,446 | 3,987 |
| Leather goods | Number (000) | 43 | 53 | 70 | 211 | 151 |
| Lime | Tonne | 29,365 | 14,629 | 16,710 | 88,617 | 93,182 |
| Metal containers | Number (000) | 880 | 441 | 208 | 337 | 1,282 |
| Mosquito coils | Tonne | 165 | 169 | 169 | 175 | 178 |
| Motor bodies and trailers | Number | 170 | 296 | 391 | 316 | 362 |
| Paints | Litres (000) | 34,868 | 36,623 | 37,617 | 36,555 | 36,214 |
| Paper products | Tonne | 14,879 | 13,767 | 16,966 | 18,211 | 28,493 |
| Plastic articles | Tonne | 11,985 | 12,972 | 13,873 | 13,597 | 16,918 |
| Plywood | Cu.m. | 1,031 | 1,043 | 1,000 | 1,021 | - |
| Polythene Bags | Number (000) | 77,944 | 61,863 | 73,085 | 70,960 | 72,661 |
| Pyrethrum extr | Tonnes | 73 | 113 | 112 | 118 | 126 |
| Radiators | Number | 178 | 159 | 162 | 172 | 140 |
| Rolled steel | Tonne | 133,229 | 128,634 | 130,323 | 142,963 | 154,079 |
| Safety matches | Gross (000) | 2,556 | 3,211 | 2,576 | 2,527 | 8,014 |
| Sisal ropes and twines | Tonnes | 7,754 | 6,908 | 7,871 | 8,851 | 9,131 |
| Soap and laundry / toilet detergents | Tonne | 131,260 | 124,028 | 120,284 | 147,230 | 152,596 |
| Steel sheets/billets | Tonne | 46,690 | 46,148 | 56,876 | 62,612 | 65,686 |
| Syrups | Litres (000) | 4,680 | 3,976 | 5,036 | 5,094 | 4,595 |
| Tablets | Mill. Pieces | 2,784 | 2,639 | 2,851 | 2,641 | 2,145 |
| Timber | Cu.m. | 35,151 | 41,106 | 35,913 | 36,317 | 35,071 |
| Transformers | Number | 2,730 | 1,523 | 613 | 567 | 996 |
| Wire products | Tonne | 8,939 | 7,643 | 10,981 | 10,755 | 9,516 |

**Source:** National Bureau of Statistics

**Table G. 7: Production Index of Manufacturing Industries by Activity; Tanzania Mainland, 2011 - 2016**

**Index (1985=100)**

| ISIC Code | Industrial Activity | Year | Quarter | | | | Total |
|---|---|---|---|---|---|---|---|
| | | | Q1 | Q2 | Q3 | Q4 | |
| 311/2 | Food manufacturing | 1985 | | | | | 100 |
| | | 2011 | 247 | 217 | 237 | 264 | 241 |
| | | 2012 | 237 | 204 | 287 | 337 | 266 |
| | | 2013 | 235.0 | 213.1 | 279.5 | 270.5 | 249.5 |
| | | 2014 | 260.2 | 265.3 | 306.2 | 311.3 | 285.7 |
| | | 2015 | 282.9 | 224.0 | 303.0 | 330.7 | 286.7 |
| | | 2016 | 305.7 | 269.9 | 336.1 | 382.8 | 330.0 |
| 313 | Beverage industries | 1985 | | | | | 100 |
| | | 2011 | 536 | 524 | 564 | 696 | 580 |
| | | 2012 | 703 | 619 | 691 | 727 | 685 |
| | | 2013 | 767.6 | 720.8 | 687.1 | 831.9 | 751.8 |
| | | 2014 | 769.4 | 760.2 | 740.4 | 895.8 | 791.4 |
| | | 2015 | 782.0 | 801.7 | 774.7 | 957.2 | 834.9 |
| | | 2016 | 803.8 | 805.4 | 832.9 | 948.5 | 849.6 |
| 314 | Tobacco manufactures | 1985 | | | | | 100 |
| | | 2010 | 133 | 143 | 636 | 383 | 324 |
| | | 2012 | 513 | 357 | 631 | 459 | 490 |
| | | 2013 | 360.1 | 303.0 | 540.9 | 658.4 | 465.6 |
| | | 2014 | 270.5 | 237.7 | 404.5 | 535.9 | 362.1 |
| | | 2015 | 278.8 | 217.2 | 508.8 | 500.8 | 376.4 |
| | | 2016 | 277.3 | 228.1 | 643.5 | 538.2 | 421.8 |
| 31 | Food, beverages and tobacco | 1985 | | | | | 100 |
| | | 2011 | 403 | 333 | 410 | 445 | 398 |
| | | 2012 | 435 | 365 | 496 | 525 | 455 |
| | | 2013 | 423.1 | 385.2 | 474.3 | 511.9 | 448.6 |
| | | 2014 | 433.7 | 431.9 | 489.9 | 544.7 | 475.1 |
| | | 2015 | 458.5 | 399.0 | 513.7 | 569.9 | 486.7 |
| | | 2016 | 481.1 | 443.9 | 570.6 | 621.7 | 536.2 |
| 321 | Textiles | 1985 | | | | | 100 |
| | | 2011 | 296 | 272 | 251 | 273 | 273 |
| | | 2012 | 303 | 257 | 199 | 201 | 240 |
| | | 2013 | 319.0 | 275.9 | 281.5 | 243.4 | 279.9 |
| | | 2014 | 202.4 | 399.7 | 397.1 | 251.1 | 312.6 |
| | | 2015 | 222.7 | 265.3 | 308.2 | 243.4 | 259.9 |
| | | 2016 | 237.0 | 290.2 | 247.3 | 243.5 | 253.4 |
| 323 | Leather and products except footwear | 1985 | | | | | 100 |
| | | 2011 | 6 | 3 | 6 | 3 | 5 |
| | | 2012 | 10 | 3 | 7 | 8 | 7 |
| | | 2013 | 8.9 | 7.0 | 9.6 | 8.3 | 8.5 |
| | | 2014 | 7.7 | 8.3 | 8.9 | 19.8 | 11.2 |
| | | 2015 | 45.4 | 30.0 | 27.5 | 32.0 | 33.7 |
| | | 2016 | 53.0 | 12.8 | 14.7 | 16.0 | 24.1 |

**Table G.7 (ctd): Production Index of Manufacturing Industries by Activity; Tanzania Mainland, 2011 - 2016**

**Index (1985=100**

| ISIC Code | Industrial Activity | Year | Quarter | | | | Total |
|---|---|---|---|---|---|---|---|
| | | | Q1 | Q2 | Q3 | Q4 | |
| 323 | Leather and products except footwear | | | | | | |
| | | 1985 | | | | | 100 |
| | | 2011 | 6 | 3 | 6 | 3 | 5 |
| | | 2012 | 10 | 3 | 7 | 8 | 7 |
| | | 2013 | 8.9 | 7.0 | 9.6 | 8.3 | 8.5 |
| | | 2014 | 7.7 | 8.3 | 8.9 | 19.8 | 11.2 |
| | | 2015 | 45.4 | 30.0 | 27.5 | 32.0 | 33.7 |
| | | 2016 | 53.0 | 12.8 | 14.7 | 16.0 | 24.1 |
| 324 | Footwear | | | | | | |
| | | 1985 | | | | | 100 |
| | | 2011 | 140 | 137 | 114 | 121 | 128 |
| | | 2012 | 133 | 137 | 118 | 105 | 123 |
| | | 2013 | 149.4 | 150.1 | 123.4 | 118.5 | 135.4 |
| | | 2014 | 151.8 | 128.7 | 140.1 | 122.3 | 135.7 |
| | | 2015 | 145.5 | 164.9 | 147.5 | 135.8 | 148.4 |
| | | 2016 | 156.8 | 200.1 | 170.9 | 226.7 | 205.9 |
| 32 | Textiles and leather | 1985 | | | | | 100 |
| | | 2011 | 248 | 228 | 210 | 228 | 228 |
| | | 2012 | 254 | 215 | 168 | 169 | 201 |
| | | 2013 | 267.1 | 232.0 | 235.4 | 204.2 | 234.7 |
| | | 2014 | 172.5 | 331.5 | 330.0 | 211.4 | 261.3 |
| | | 2015 | 191.5 | 225.9 | 259.6 | 206.8 | 220.9 |
| | | 2016 | 204.3 | 246.6 | 210.4 | 210.4 | 217.9 |
| 331 | Wood and wood products except furniture | | | | | | |
| | | 1985 | | | | | 100 |
| | | 2011 | 339 | 357 | 341 | 354 | 348 |
| | | 2012 | 560 | 688 | 825 | 756 | 707 |
| | | 2013 | 720.1 | 664.0 | 743.4 | 747.1 | 718.6 |
| | | 2014 | 765.4 | 905.1 | 914.2 | 975.8 | 890.1 |
| | | 2015 | 781.8 | 871.2 | 937.9 | 905.9 | 874.2 |
| | | 2016 | 948.8 | 929.2 | 1109.4 | 1,016.4 | 997.0 |
| 341 | Paper and paper products | 1985 | | | | | 100 |
| | | 2011 | 353 | 334 | 350 | 337 | 343 |
| | | 2012 | 320 | 349 | 381 | 389 | 360 |
| | | 2013 | 341.9 | 337.4 | 359.9 | 188.9 | 307.0 |
| | | 2014 | 379.9 | 385.0 | 405.1 | 342.8 | 378.2 |
| | | 2015 | 389.3 | 396.2 | 437.3 | 383.5 | 401.6 |
| | | 2016 | 468.1 | 464.0 | 385.4 | 473.5 | 447.7 |
| 351 | Industrial chemicals | 1985 | | | | | 100 |
| | | 2011 | 28 | 17 | 36 | 49 | 32 |
| | | 2012 | 44 | 20 | 44 | 57 | 41 |
| | | 2013 | 21.7 | 5.7 | 39.6 | 64.5 | 32.9 |

**Table G.7 (ctd): Production Index of Manufacturing Industries by Activity; Tanzania Mainland, 2011 - 2016**

**Index (1985=100**

| ISIC Code | Industrial Activity | Year | Quarter | | | | Total |
|---|---|---|---|---|---|---|---|
| | | | Q1 | Q2 | Q3 | Q4 | |
| | | 2014 | 46.1 | 43.6 | 14.9 | 69.0 | 43.4 |
| | | 2015 | 47.5 | 44.8 | 47.5 | 43.0 | 45.7 |
| | | 2016 | 51.2 | 50.1 | 50.4 | 50.8 | 50.6 |
| 352 | Other chemical industries | 1985 | | | | | 100 |
| | | 2011 | 683 | 740 | 746 | 690 | 715 |
| | | 2012 | 609 | 731 | 757 | 720 | 704 |
| | | 2013 | 637.3 | 586.6 | 628.3 | 549.6 | 600.5 |
| | | 2014 | 632.2 | 627.6 | 680.9 | 731.5 | 668.0 |
| | | 2015 | 651.5 | 689.7 | 703.8 | 811.1 | 714.0 |
| | | 2016 | 770.6 | 731.1 | 722.3 | 736.6 | 739.1 |
| 353 | Petroleum refineries | 1985 | | | | | 100 |
| | | 2011 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 2012 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 2013 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 2014 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 2015 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 2016 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 355 | Rubber products | 1985 | | | | | 100 |
| | | 2011 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 2012 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 2013 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 2014 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 2015 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 2016 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 356 | Plastic products | 1985 | | | | | 100 |
| | | 2011 | 544 | 596 | 583 | 665 | 597 |
| | | 2012 | 600 | 677 | 543 | 664 | 621 |
| | | 2013 | 656.5 | 765.1 | 657.1 | 609.5 | 672.0 |
| | | 2014 | 721.2 | 778.4 | 750.6 | 624.8 | 718.7 |
| | | 2015 | 738.8 | 696.7 | 727.8 | 654.4 | 704.4 |
| | | 2016 | 864.6 | 846.3 | 893.2 | 901.9 | 876.5 |
| 35 | Chemical, petroleum, rubber and plastic products | 1985 | | | | | 100 |
| | | 2011 | 133 | 142 | 163 | 140 | 140 |
| | | 2012 | 124 | 142 | 148 | 146 | 140 |
| | | 2013 | 125.7 | 116.0 | 127.1 | 116.7 | 121.4 |
| | | 2014 | 129.9 | 129.7 | 133.7 | 149.4 | 135.7 |
| | | 2015 | 133.8 | 139.3 | 142.8 | 159.5 | 143.8 |
| | | 2016 | 157.3 | 149.9 | 149.2 | 151.9 | 151.9 |
| 36 | Pottery, china, glass and non-metallic products | 1985 | | | | | 100 |
| | | 2011 | 547 | 499 | 537 | 561 | 536 |
| | | 2012 | 550 | 565 | 593 | 587 | 574 |
| | | 2013 | 479.2 | 489.4 | 543.8 | 593.5 | 526.5 |

**Table G.7 (ctd): Production Index of Manufacturing Industries by Activity; Tanzania Mainland, 2011 - 2016**

**Index (1985=100**

| ISIC Code | Industrial Activity | Year | Quarter | | | | Total |
|---|---|---|---|---|---|---|---|
| | | | Q1 | Q2 | Q3 | Q4 | |
| | | 2014 | 557.8 | 525.5 | 641.4 | 749.0 | 618.4 |
| | | 2015 | 602.9 | 645.7 | 678.0 | 655.6 | 645.5 |
| | | 2016 | 800.1 | 894.8 | 949.3 | 987.1 | 902.0 |
| 37 | Iron, steel and non-ferrous metals | 1985 | | | | | 100 |
| | | 2011 | 254 | 277 | 247 | 303 | 269 |
| | | 2012 | 267 | 264 | 312 | 332 | 294 |
| | | 2013 | 269.2 | 275.1 | 283.4 | 291.1 | 279.7 |
| | | 2014 | 258.1 | 289.1 | 290.2 | 344.4 | 295.5 |
| | | 2015 | 319.7 | 357.3 | 359.3 | 361.5 | 349.4 |
| | | 2016 | 351.9 | 350.5 | 377.1 | 381.9 | 365.0 |
| 381 | Fabricated metal products except machinery | 1985 | | | | | 100 |
| | | 2011 | 33 | 28 | 27 | 29 | 29 |
| | | 2012 | 43 | 50 | 56 | 38 | 47 |
| | | 2013 | 43.1 | 55.1 | 60.0 | 62.7 | 55.2 |
| | | 2014 | 73.4 | 78.3 | 78.9 | 48.3 | 69.7 |
| | | 2015 | 44.6 | 38.4 | 44.8 | 50.8 | 44.7 |
| | | 2016 | 54.1 | 40.7 | 37.5 | 49.5 | 45.4 |
| 382 | Machinery except electrical | 1985 | | | | | 100 |
| | | 2011 | 0.0 | 2.0 | 8.0 | 6.0 | 4.0 |
| | | 2012 | 0.0 | 1.9 | 8.8 | 7.2 | 4.5 |
| | | 2013 | 8.4 | 0.0 | 0.0 | 0.0 | 2.1 |
| | | 2014 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 2015 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 2016 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 383 | Electrical machinery and apparatus supplies | 1985 | | | | | 100 |
| | | 2011 | 349 | 375 | 269 | 336 | 332 |
| | | 2012 | 410 | 277 | 292 | 312 | 323 |
| | | 2013 | 330.9 | 204.4 | 244.2 | 275.7 | 263.8 |
| | | 2014 | 217.0 | 282.9 | 239.7 | 245.2 | 246.2 |
| | | 2015 | 216.5 | 216.3 | 192.1 | 208.3 | 208.3 |
| | | 2016 | 198.1 | 255.7 | 288.1 | 365.1 | 285.5 |
| 384 | Transport equipment | 1985 | | | | | 100 |
| | | 2011 | 7 | 7 | 6 | 7 | 7 |
| | | 2012 | 8 | 0 | 8 | 6 | 5 |
| | | 2013 | 10.7 | 0.4 | 10.1 | 16.6 | 9.5 |
| | | 2014 | 11.7 | 14.4 | 11.5 | 12.1 | 12.4 |
| | | 2015 | 12.5 | 6.6 | 13.7 | 7.6 | 10.1 |
| | | 2016 | 17.8 | 9.3 | 10.7 | 8.1 | 11.5 |
| 38 | Fabricated metal products, machinery and equipment | 1985 | | | | | 100 |
| | | 2011 | 89 | 84 | 71 | 82 | 81 |
| | | 2012 | 110 | 100 | 116 | 91 | 104 |

**Table G.7 (ctd): Production Index of Manufacturing Industries by Activity; Tanzania Mainland, 2011 - 2016**

**Index (1985=100**

| ISIC Code | Industrial Activity | Year | Quarter | | | | Total |
|---|---|---|---|---|---|---|---|
| | | | Q1 | Q2 | Q3 | Q4 | |
| | | 2013 | 103.5 | 99.7 | 117.3 | 128.9 | 112.3 |
| | | 2014 | 134.3 | 150.0 | 144.2 | 102.3 | 132.7 |
| | | 2015 | 94.2 | 81.7 | 92.7 | 98.9 | 91.9 |
| | | 2016 | 109.1 | 90.9 | 90.8 | 114.3 | 102.2 |
| 39 | Other manufacturing industries | 1985 | | | | | 100 |
| | | 2011 | 533 | 432 | 631 | 467 | 516 |
| | | 2012 | 620 | 518 | 647 | 550 | 584 |
| | | 2013 | 647.7 | 677.6 | 656.6 | 709.0 | 672.7 |
| | | 2014 | 704.1 | 838.7 | 804.0 | 725.9 | 768.2 |
| | | 2015 | 883.8 | 618.7 | 933.8 | 811.3 | 811.9 |
| | | 2016 | 932.1 | 696.1 | 662.3 | 650.2 | 735.2 |
| 3 | Total manufacturing | 1985 | | | | | 100 |
| | | 2011 | 303 | 270 | 302 | 326 | 300 |
| | | 2012 | 322 | 292 | 357 | 368 | 335 |
| | | 2013 | 316.4 | 293.8 | 343.5 | 357.7 | 327.8 |
| | | 2014 | 320.1 | 339.4 | 372.9 | 395.1 | 356.9 |
| | | 2015 | 338.3 | 326.7 | 381.9 | 403.5 | 361.9 |
| | | 2016 | 378.0 | 361.9 | 422.0 | 450.7 | 404.6 |

**Source:** National Bureau of Statistics

**Table G. 8: Number of Persons Engaged in Industrial Establishments with 10 or More Workers by Industrial Activity; Tanzania Mainland, 2012 -2016**

**Number**

| ISIC Rev.4 | Industrial Activity | 2012 | 2013 | 2014* | 2015* | 2016* |
|---|---|---|---|---|---|---|
| 05 | Mining of coal and lignite | - | 77 | 82 | 88 | 93 |
| 06 | Extraction of crude petroleum and natural gas | - | - | - | - | - |
| 07 | Mining of metal ores | 7,939 | 9,769 | 10,419 | 11,112 | 11,852 |
| 08 | Other mining and quarrying | 2,167 | 9,072 | 9,675 | 10,319 | 11,006 |
| 09 | Mining support service activities | 197 | - | - | - | - |
| | **Total Mining and Quarrying** | **10,303** | **18,917** | **20,176** | **21,519** | **22,951** |
| 10 | Manufacture of food products | 48,324 | 40,031 | 43,136 | 46,483 | 50,089 |
| 11 | Manufacture of beverages | 9,226 | 6,859 | 7,391 | 7,964 | 8,582 |
| 12 | Manufacture of tobacco products | 4,863 | 5,061 | 5,453 | 5,876 | 6,332 |
| 13 | Manufacture of textiles | 13,095 | 16,067 | 17,313 | 18,656 | 20,104 |
| 14 | Manufacture of wearing apparel | 283 | 1,743 | 1,879 | 2,024 | 2,181 |
| 15 | Manufacture of leather and related products | 1,514 | 1,215 | 1,310 | 1,411 | 1,521 |
| 16 | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 1,262 | 3,769 | 4,062 | 4,377 | 4,716 |
| 17 | Manufacture of paper and paper products | 3,151 | 2,228 | 2,401 | 2,587 | 2,788 |
| 18 | Printing and reproduction of recorded media | 4,413 | 2,849 | 3,070 | 3,308 | 3,565 |
| 19 | Manufacture of coke and refined petroleum products | 107 | 243 | 262 | 282 | 304 |
| 20 | Manufacture of chemicals and chemical products | 6,078 | 6,380 | 6,875 | 7,409 | 7,983 |
| 21 | Manufacture of basic pharmaceutical products and pharmaceutical preparations | 1,000 | 778 | 839 | 904 | 974 |
| 22 | Manufacture of rubber and plastics products | 5,594 | 4,243 | 4,573 | 4,927 | 5,310 |
| 23 | Manufacture of other non-metallic mineral products | 4,611 | 4,548 | 4,901 | 5,282 | 5,691 |
| 24 | Manufacture of basic metals | 3,818 | 2,174 | 2,343 | 2,525 | 2,720 |
| 25 | Manufacture of fabricated metal products, except machinery and equipment | 1,492 | 2,189 | 2,359 | 2,542 | 2,739 |
| 26 | Manufacture of computer, electronic and optical products | - | 115 | 124 | 134 | 144 |
| 27 | Manufacture of electrical equipment | 827 | 949 | 1,023 | 1,102 | 1,188 |
| 28 | Manufacture of machinery and equipment n.e.c. | 279 | 358 | 386 | 416 | 448 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 1,801 | 1,272 | 1,371 | 1,477 | 1,591 |
| 30 | Manufacture of other transport equipment | 147 | 199 | 215 | 231 | 249 |
| 31 | Manufacture of furniture | 4,324 | 2,977 | 3,208 | 3,457 | 3,725 |
| 32 | Other manufacturing | 2,092 | 1,166 | 1,257 | 1,354 | 1,459 |
| 33 | Repair and installation of machinery and equipment | 136 | 317 | 342 | 368 | 397 |
| | **Total Manufacturing** | **118,437** | **107,732** | **116,090** | **125,097** | **134,802** |
| 35 | Electricity, gas, steam and air conditioning supply | 5,761 | 7,915 | 8,985 | 10,199 | 11,576 |
| 36 | Water collection, treatment and supply | 1,631 | 4,094 | 4,647 | 5,275 | 5,987 |
| 38 | Waste collection, treatment and disposal activities; materials recovery | 235 | 228 | 259 | 294 | 333 |
| | **Total Electricity and Water** | **7,627** | **12,238** | **13,891** | **15,768** | **17,897** |
| | **Total Industry** | **136,367** | **138,887** | **150,157** | **162,384** | **175,651** |

**Source:** National Bureau of Statistics (Annual Survey of Industrial Production)

**Table G. 9 Number of Employees in Industrial Establishments with 10 or More Workers by Industrial Activity; Tanzania Mainland, 2012 -2016**

**Number**

| ISIC Rev.4 | Industrial Activity | 2012 | 2013 | 2014* | 2015* | 2016* |
|---|---|---|---|---|---|---|
| 05 | Mining of coal and lignite | 0 | 77 | 82 | 88 | 93 |
| 06 | Extraction of crude petroleum and natural gas | 0 | 0 | - | - | - |
| 07 | Mining of metal ores | 7,922 | 9,723 | 10,365 | 11,049 | 11,778 |
| 08 | Other mining and quarrying | 2,122 | 8,727 | 9,303 | 9,917 | 10,572 |
| 09 | Mining support service activities | 197 | 0 | - | - | - |
| | **Total Mining and Quarrying** | **10,241** | **18,527** | **19,750** | **21,053** | **22,443** |
| 10 | Manufacture of food products | 47,625 | 38,862 | 41,856 | 45,081 | 48,554 |
| 11 | Manufacture of beverages | 9,085 | 6,808 | 7,333 | 7,898 | 8,506 |
| 12 | Manufacture of tobacco products | 4,863 | 5,061 | 5,451 | 5,871 | 6,323 |
| 13 | Manufacture of textiles | 13,075 | 15,965 | 17,195 | 18,520 | 19,947 |
| 14 | Manufacture of wearing apparel | 262 | 1,718 | 1,851 | 1,993 | 2,147 |
| 15 | Manufacture of leather and related products | 1,494 | 1,129 | 1,216 | 1,309 | 1,410 |
| 16 | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 1,155 | 3,671 | 3,954 | 4,258 | 4,586 |
| 17 | Manufacture of paper and paper products | 3,127 | 2,221 | 2,392 | 2,576 | 2,775 |
| 18 | Printing and reproduction of recorded media | 4,283 | 2,795 | 3,010 | 3,242 | 3,492 |
| 19 | Manufacture of coke and refined petroleum products | 104 | 241 | 260 | 280 | 301 |
| 20 | Manufacture of chemicals and chemical products | 6,019 | 6,237 | 6,718 | 7,235 | 7,793 |
| 21 | Manufacture of basic pharmaceutical products and pharmaceutical preparations | 995 | 774 | 834 | 898 | 968 |
| 22 | Manufacture of rubber and plastics products | 5,522 | 4,219 | 4,544 | 4,895 | 5,272 |
| 23 | Manufacture of other non-metallic mineral products | 4,497 | 4,395 | 4,734 | 5,099 | 5,492 |
| 24 | Manufacture of basic metals | 3,775 | 2,148 | 2,314 | 2,492 | 2,684 |
| 25 | Manufacture of fabricated metal products, except machinery and equipment | 1,428 | 2,106 | 2,268 | 2,443 | 2,631 |
| 26 | Manufacture of computer, electronic and optical products | 0 | 108 | 116 | 125 | 135 |
| 27 | Manufacture of electrical equipment | 819 | 945 | 1,018 | 1,097 | 1,181 |
| 28 | Manufacture of machinery and equipment n.e.c. | 267 | 342 | 368 | 397 | 427 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 1,775 | 1,268 | 1,366 | 1,471 | 1,584 |
| 30 | Manufacture of other transport equipment | 144 | 197 | 212 | 229 | 246 |
| 31 | Manufacture of furniture | 4,026 | 2,834 | 3,052 | 3,287 | 3,541 |
| 32 | Other manufacturing | 1,968 | 1,155 | 1,244 | 1,340 | 1,443 |
| 33 | Repair and installation of machinery and equipment | 120 | 317 | 342 | 368 | 396 |
| | **Total Manufacturing** | **116,428** | **105,517** | **113,647** | **122,403** | **131,834** |
| 35 | Electricity, gas, steam and air conditioning supply | 5,467 | 7,915 | 9,072 | 10,398 | 11,918 |
| 36 | Water collection, treatment and supply | 1,578 | 4,082 | 4,678 | 5,362 | 6,146 |
| 38 | Waste collection, treatment and disposal activities; materials recovery | 227 | 226 | 259 | 296 | 340 |
| | **Total Electricity and Water** | **7,272** | **12,223** | **14,009** | **16,057** | **18,403** |
| | **Total Industry** | **133,941** | **136,267** | **147,406** | **159,513** | **172,680** |

**Source:** National Bureau of Statistics (Annual Survey of Industrial Production)

**Table G. 10: Labour Costs in Industrial Establishments with 10 or More Workers by Industrial Activity; Tanzania Mainland, 2013 - 2016**

**(Mill. TZS)**

| ISIC Rev.4 | Industrial Activity | 2013 | 2014* | 2015* | 2016* |
|---|---|---|---|---|---|
| 05 | Mining of coal and lignite | 374 | 387 | 400 | 413 |
| 06 | Extraction of crude petroleum and natural gas | 0 | - | - | - |
| 07 | Mining of metal ores | 340,384 | 351,725 | 363,500 | 375,614 |
| 08 | Other mining and quarrying | 39,413 | 40,730 | 42,090 | 43,493 |
| 09 | Mining support service activities | 0 | - | - | - |
| | **Total Mining and Quarrying** | **380,172** | **392,841** | **405,990** | **419,520** |
| 10 | Manufacture of food products | 178,945 | 196,540 | 215,867 | 237,093 |
| 11 | Manufacture of beverages | 170,350 | 187,101 | 205,499 | 225,706 |
| 12 | Manufacture of tobacco products | 65,359 | 71,785 | 78,844 | 86,597 |
| 13 | Manufacture of textiles | 63,497 | 69,741 | 76,599 | 84,131 |
| 14 | Manufacture of wearing apparel | 6,542 | 7,185 | 7,892 | 8,668 |
| 15 | Manufacture of leather and related products | 2,673 | 2,936 | 3,225 | 3,542 |
| 16 | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 9,971 | 10,951 | 12,028 | 13,211 |
| 17 | Manufacture of paper and paper products | 11,012 | 12,095 | 13,284 | 14,591 |
| 18 | Printing and reproduction of recorded media | 20,720 | 22,758 | 24,995 | 27,453 |
| 19 | Manufacture of coke and refined petroleum products | 1,459 | 1,602 | 1,760 | 1,933 |
| 20 | Manufacture of chemicals and chemical products | 35,210 | 38,672 | 42,475 | 46,651 |
| 21 | Manufacture of basic pharmaceutical products and pharmaceutical preparations | 5,505 | 6,046 | 6,641 | 7,294 |
| 22 | Manufacture of rubber and plastics products | 20,675 | 22,708 | 24,940 | 27,393 |
| 23 | Manufacture of other non-metallic mineral products | 58,496 | 64,248 | 70,565 | 77,504 |
| 24 | Manufacture of basic metals | 6,179 | 6,786 | 7,453 | 8,186 |
| 25 | Manufacture of fabricated metal products, except machinery and equipment | 8,070 | 8,863 | 9,735 | 10,692 |
| 26 | Manufacture of computer, electronic and optical products | 3,526 | 3,873 | 4,254 | 4,672 |
| 27 | Manufacture of electrical equipment | 5,104 | 5,606 | 6,157 | 6,763 |
| 28 | Manufacture of machinery and equipment n.e.c. | 3,288 | 3,612 | 3,967 | 4,357 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 6,136 | 6,740 | 7,402 | 8,130 |
| 30 | Manufacture of other transport equipment | 2,619 | 2,876 | 3,159 | 3,470 |
| 31 | Manufacture of furniture | 17,167 | 18,855 | 20,709 | 22,746 |
| 32 | Other manufacturing | 4,047 | 4,445 | 4,882 | 5,362 |
| 33 | Repair and installation of machinery and equipment | 2,644 | 2,904 | 3,190 | 3,504 |
| | **Total Manufacturing** | **709,195** | **778,930** | **855,523** | **939,648** |
| 35 | Electricity, gas, steam and air conditioning supply | 186,374 | 244,704 | 321,292 | 421,849 |
| 36 | Water collection, treatment and supply | 31,355 | 41,168 | 54,053 | 70,971 |
| 38 | Waste collection, treatment and disposal activities; materials recovery | 527 | 692 | 909 | 1,193 |
| | **Total Electricity and Water** | **218,256** | **286,565** | **376,254** | **494,013** |
| | **Total Industry** | **1,307,622** | **1,458,364** | **1,637,766** | **1,853,181** |

**Source:** National Bureau of Statistics (Annual Survey of Industrial Production)

**Table G. 11: Wages and Salaries in Industrial Establishments with 10 or More Workers by Industrial Activity; Tanzania Mainland, 2013 - 2016**

**(Mill. TZS)**

| ISIC Rev.4 | Industrial Activity | 2013 | 2014* | 2015* | 2016* |
|---|---|---|---|---|---|
| 05 | Mining of coal and lignite | 297 | 301 | 306 | 310 |
| 06 | Extraction of crude petroleum and natural gas | 0 | - | - | - |
| 07 | Mining of metal ores | 70,385 | 71,463 | 72,557 | 73,668 |
| 08 | Other mining and quarrying | 31,690 | 32,175 | 32,668 | 33,167 |
| 09 | Mining support service activities | 0 | - | - | - |
| | **Total Mining and Quarrying** | **102,372** | **103,939** | **105,531** | **107,146** |
| 10 | Manufacture of food products | 140,234 | 146,394 | 153,713 | 160,464 |
| 11 | Manufacture of beverages | 100,997 | 105,433 | 110,704 | 115,566 |
| 12 | Manufacture of tobacco products | 45,011 | 46,987 | 49,337 | 51,504 |
| 13 | Manufacture of textiles | 32,538 | 33,967 | 35,665 | 37,231 |
| 14 | Manufacture of wearing apparel | 4,171 | 4,354 | 4,572 | 4,772 |
| 15 | Manufacture of leather and related products | 2,324 | 2,426 | 2,548 | 2,660 |
| 16 | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 8,327 | 8,693 | 9,128 | 9,529 |
| 17 | Manufacture of paper and paper products | 8,018 | 8,370 | 8,788 | 9,175 |
| 18 | Printing and reproduction of recorded media | 15,265 | 15,936 | 16,732 | 17,467 |
| 19 | Manufacture of coke and refined petroleum products | 1,091 | 1,138 | 1,195 | 1,248 |
| 20 | Manufacture of chemicals and chemical products | 28,707 | 29,967 | 31,466 | 32,848 |
| 21 | Manufacture of basic pharmaceutical products and pharmaceutical preparations | 3,829 | 3,998 | 4,197 | 4,382 |
| 22 | Manufacture of rubber and plastics products | 16,702 | 17,436 | 18,308 | 19,112 |
| 23 | Manufacture of other non-metallic mineral products | 37,282 | 38,920 | 40,866 | 42,661 |
| 24 | Manufacture of basic metals | 4,558 | 4,758 | 4,996 | 5,216 |
| 25 | Manufacture of fabricated metal products, except machinery and equipment | 6,268 | 6,543 | 6,870 | 7,172 |
| 26 | Manufacture of computer, electronic and optical products | 2,862 | 2,988 | 3,137 | 3,275 |
| 27 | Manufacture of electrical equipment | 3,300 | 3,445 | 3,617 | 3,776 |
| 28 | Manufacture of machinery and equipment n.e.c. | 2,277 | 2,377 | 2,496 | 2,606 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 5,371 | 5,607 | 5,887 | 6,145 |
| 30 | Manufacture of other transport equipment | 1,513 | 1,579 | 1,658 | 1,731 |
| 31 | Manufacture of furniture | 12,269 | 12,808 | 13,448 | 14,039 |
| 32 | Other manufacturing | 2,775 | 2,897 | 3,042 | 3,175 |
| 33 | Repair and installation of machinery and equipment | 1,765 | 1,843 | 1,935 | 2,020 |
| | **Total Manufacturing** | **487,454** | **508,864** | **534,305** | **557,773** |
| 35 | Electricity, gas, steam and air conditioning supply | 150,301 | 160,339 | 171,048 | 182,473 |
| 36 | Water collection, treatment and supply | 21,006 | 22,409 | 23,905 | 25,502 |
| 38 | Waste collection, treatment and disposal activities; materials recovery | 426 | 454 | 484 | 517 |
| | **Total Electricity and Water** | **171,733** | **183,203** | **195,439** | **208,493** |
| | **Total Industry** | **831,944** | **867,469** | **907,833** | **873,412** |

**Source:** National Bureau of Statistics (Annual Survey of Industrial Production)

**Table G. 12: Gross Output in Industrial Establishments with 10 or More Workers by Industrial Activity; Tanzania Mainland, 2013 - 2016**

(**Mill. TZS**)

| ISIC Rev.4 | Industrial Activity | 2,013 | 2014* | 2015* | 2016* |
|---|---|---|---|---|---|
| 05 | Mining of coal and lignite | 2,091 | 2,150 | 2,210 | 2,272 |
| 06 | Extraction of crude petroleum and natural gas | 0 | - | - | - |
| 07 | Mining of metal ores | 3,747,376 | 3,852,610 | 3,960,798 | 4,072,024 |
| 08 | Other mining and quarrying | 233,021 | 239,565 | 246,292 | 253,209 |
| 09 | Mining support service activities | 0 | - | - | - |
| | **Total Mining and Quarrying** | **3,982,488** | **4,094,324** | **4,209,300** | **4,327,504** |
| 10 | Manufacture of food products | 3,953,075 | 4,010,367 | 4,054,713 | 4,113,478 |
| 11 | Manufacture of beverages | 1,743,089 | 1,768,352 | 1,787,906 | 1,813,818 |
| 12 | Manufacture of tobacco products | 655,603 | 665,105 | 672,459 | 682,205 |
| 13 | Manufacture of textiles | 404,590 | 410,454 | 414,992 | 421,007 |
| 14 | Manufacture of wearing apparel | 24,619 | 24,976 | 25,252 | 25,618 |
| 15 | Manufacture of leather and related products | 55,042 | 55,840 | 56,457 | 57,276 |
| 16 | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 124,421 | 126,224 | 127,620 | 129,470 |
| 17 | Manufacture of paper and paper products | 96,703 | 98,104 | 99,189 | 100,627 |
| 18 | Printing and reproduction of recorded media | 177,532 | 180,105 | 182,097 | 184,736 |
| 19 | Manufacture of coke and refined petroleum products | 70,052 | 71,067 | 71,853 | 72,894 |
| 20 | Manufacture of chemicals and chemical products | 554,111 | 562,142 | 568,358 | 576,595 |
| 21 | Manufacture of basic pharmaceutical products and pharmaceutical preparations | 60,170 | 61,042 | 61,717 | 62,612 |
| 22 | Manufacture of rubber and plastics products | 631,542 | 640,694 | 647,779 | 657,167 |
| 23 | Manufacture of other non-metallic mineral products | 759,228 | 770,231 | 778,748 | 790,035 |
| 24 | Manufacture of basic metals | 170,807 | 173,283 | 175,199 | 177,738 |
| 25 | Manufacture of fabricated metal products, except machinery and equipment | 115,917 | 117,597 | 118,897 | 120,620 |
| 27 | Manufacture of electrical equipment | 36,456 | 36,984 | 37,393 | 37,935 |
| 28 | Manufacture of machinery and equipment n.e.c. | 102,967 | 104,460 | 105,615 | 107,145 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 10,393 | 10,543 | 10,660 | 10,815 |
| 30 | Manufacture of other transport equipment | 38,856 | 39,419 | 39,855 | 40,433 |
| 31 | Manufacture of furniture | 60,480 | 61,357 | 62,035 | 62,934 |
| 32 | Other manufacturing | 369,046 | 374,394 | 378,534 | 384,020 |
| 33 | Repair and installation of machinery and equipment | 70,301 | 71,320 | 72,108 | 73,153 |
| | **Total Manufacturing** | **10,284,999** | **10,434,060** | **10,549,438** | **10,702,331** |
| 35 | Electricity, gas, steam and air conditioning supply | 34,946 | 42,737 | 52,265 | 63,917 |
| 36 | Water collection, treatment and supply | 1,752,293 | 2,142,961 | 2,620,729 | 3,205,014 |
| 38 | Waste collection, treatment and disposal activities; materials recovery | 121,227 | 148,255 | 181,308 | 221,730 |
| | **Total Electricity and Water** | **1,908,466** | **2,333,953** | **2,854,302** | **3,490,661** |
| | **Total Industry** | **16,175,953** | **16,862,337** | **17,613,039** | **18,520,496** |

**Source:** National Bureau of Statistics (Annual Survey of Industrial Production).

**Table G. 13: Value Added by Industrial Establishments with 10 or More Workers by Industrial Activity; Tanzania Mainland, 2013 - 2016**

**(Million TZS)**

| ISIC Rev.4 | Industrial Activity | 2013 | 2014* | 2015* | 2016* |
|---|---|---|---|---|---|
| 05 | Mining of coal and lignite | 393 | 398 | 404 | 409 |
| 06 | Extraction of crude petroleum and natural gas | 0 | - | - | - |
| 07 | Mining of metal ores | 2,796,275 | 2,834,440 | 2,873,126 | 2,912,340 |
| 08 | Other mining and quarrying | 118,848 | 120,470 | 122,115 | 123,781 |
| 09 | Mining support service activities | 0 | - | - | - |
| | **Total Mining and Quarrying** | **2,915,516** | **2,955,309** | **2,995,645** | **3,036,531** |
| 10 | Manufacture of food products | 1,760,221 | 1,993,304 | 2,257,252 | 2,556,152 |
| 11 | Manufacture of beverages | 1,019,260 | 1,154,227 | 1,307,067 | 1,480,145 |
| 12 | Manufacture of tobacco products | 409,867 | 464,141 | 525,601 | 595,200 |
| 13 | Manufacture of textiles | 163,733 | 185,414 | 209,966 | 237,769 |
| 14 | Manufacture of wearing apparel | 10,050 | 11,380 | 12,887 | 14,594 |
| 15 | Manufacture of leather and related products | 13,965 | 15,815 | 17,909 | 20,280 |
| 16 | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 67,907 | 76,899 | 87,082 | 98,614 |
| 17 | Manufacture of paper and paper products | 16,319 | 18,480 | 20,927 | 23,698 |
| 18 | Printing and reproduction of recorded media | 69,475 | 78,675 | 89,092 | 100,890 |
| 19 | Manufacture of coke and refined petroleum products | 15,060 | 17,054 | 19,312 | 21,869 |
| 20 | Manufacture of chemicals and chemical products | 171,859 | 194,616 | 220,386 | 249,569 |
| 21 | Manufacture of basic pharmaceutical products and pharmaceutical preparations | 19,580 | 22,173 | 25,109 | 28,434 |
| 22 | Manufacture of rubber and plastics products | 186,043 | 210,678 | 238,576 | 270,168 |
| 23 | Manufacture of other non-metallic mineral products | 306,985 | 347,636 | 393,669 | 445,797 |
| 24 | Manufacture of basic metals | 32,589 | 36,905 | 41,792 | 47,326 |
| 25 | Manufacture of fabricated metal products, except machinery and equipment | 36,204 | 40,997 | 46,426 | 52,574 |
| 26 | Manufacture of computer, electronic and optical products | 30,967 | 35,068 | 39,712 | 44,970 |
| 27 | Manufacture of electrical equipment | 22,315 | 25,270 | 28,617 | 32,406 |
| 28 | Manufacture of machinery and equipment n.e.c. | 4,248 | 4,810 | 5,447 | 6,169 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 16,222 | 18,370 | 20,803 | 23,557 |
| 30 | Manufacture of other transport equipment | 13,883 | 15,722 | 17,804 | 20,161 |
| 31 | Manufacture of furniture | 107,416 | 121,640 | 137,747 | 155,987 |
| 32 | Other manufacturing | 26,683 | 30,216 | 34,217 | 38,748 |
| 33 | Repair and installation of machinery and equipment | 31,864 | 36,084 | 40,862 | 46,272 |
| | **Total Manufacturing** | **4,552,716** | **5,155,574** | **5,838,262** | **6,611,349** |
| 35 | Electricity, gas, steam and air conditioning supply | 310,910 | 377,827 | 459,147 | 557,969 |
| 36 | Water collection, treatment and supply | 75,844 | 92,168 | 112,005 | 136,112 |
| 38 | Waste collection, treatment and disposal activities; materials recovery | 2,694 | 3,273 | 3,978 | 4,834 |
| | **Total Electricity and Water** | **389,447** | **473,268** | **575,129** | **698,914** |
| | **Total Industry** | **7,857,680** | **8,584,151** | **9,409,036** | **10,346,794** |

**Source:** National Bureau of Statistics (Annual Survey of Industrial Production)

**Table G. 14: Number of Employees, Wages and Salaries and Value Added in Establishment with 10 or more Workers of the Private Industrial Sector by Activity; Tanzania Mainland, 2015 and 2016**

| ISIC Rev.4 | Industrial Activity | No. of Employees | | Wages and Salaries (Mill. TZS) | | Value Added (Mill. TZS) | |
|---|---|---|---|---|---|---|---|
| | | 2015* | 2016* | 2015* | 2016* | 2015* | 2016* |
| 05 | Mining of coal and lignite | 88 | 93 | 306 | 310 | 404 | 409 |
| 06 | Extraction of crude petroleum and natural gas | - | - | - | - | - | - |
| 07 | Mining of metal ores | 11,049 | 11,778 | 72,557 | 73,668 | 2,873,126 | 2,912,340 |
| 08 | Other mining and quarrying | 9,917 | 10,572 | 32,668 | 33,167 | 122,115 | 123,781 |
| 09 | Mining support service activities | - | - | - | - | - | - |
| | **Total Mining and Quarrying** | **21,053** | **22,443** | **105,531** | **107,146** | **2,995,645** | **3,036,531** |
| 10 | Manufacture of food products | 45,081 | 48,554 | 153,713 | 160,464 | 2,257,252 | 2,556,152 |
| 11 | Manufacture of beverages | 7,898 | 8,506 | 110,704 | 115,566 | 1,307,067 | 1,480,145 |
| 12 | Manufacture of tobacco products | 5,871 | 6,323 | 49,337 | 51,504 | 525,601 | 595,200 |
| 13 | Manufacture of textiles | 18,520 | 19,947 | 35,665 | 37,231 | 209,966 | 237,769 |
| 14 | Manufacture of wearing apparel | 1,993 | 2,147 | 4,572 | 4,772 | 12,887 | 14,594 |
| 15 | Manufacture of leather and related products | 1,309 | 1,410 | 2,548 | 2,660 | 17,909 | 20,280 |
| 16 | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 4,258 | 4,586 | 9,128 | 9,529 | 87,082 | 98,614 |
| 17 | Manufacture of paper and paper products | 2,576 | 2,775 | 8,788 | 9,175 | 20,927 | 23,698 |
| 18 | Printing and reproduction of recorded media | 3,242 | 3,492 | 16,732 | 17,467 | 89,092 | 100,890 |
| 19 | Manufacture of coke and refined petroleum products | 280 | 301 | 1,195 | 1,248 | 19,312 | 21,869 |
| 20 | Manufacture of chemicals and chemical products | 7,235 | 7,793 | 31,466 | 32,848 | 220,386 | 249,569 |
| 21 | Manufacture of basic pharmaceutical products and pharmaceutical preparations | 898 | 968 | 4,197 | 4,382 | 25,109 | 28,434 |
| 22 | Manufacture of rubber and plastics products | 4,895 | 5,272 | 18,308 | 19,112 | 238,576 | 270,168 |
| 23 | Manufacture of other non-metallic mineral products | 5,099 | 5,492 | 40,866 | 42,661 | 393,669 | 445,797 |
| 24 | Manufacture of basic metals | 2,492 | 2,684 | 4,996 | 5,216 | 41,792 | 47,326 |
| 25 | Manufacture of fabricated metal products, except machinery and equipment | 2,443 | 2,631 | 6,870 | 7,172 | 46,426 | 52,574 |
| 26 | Manufacture of computer, electronic and optical products | 125 | 135 | 3,137 | 3,275 | 39,712 | 44,970 |
| 27 | Manufacture of electrical equipment | 1,097 | 1,181 | 3,617 | 3,776 | 28,617 | 32,406 |
| 28 | Manufacture of machinery and equipment n.e.c. | 397 | 427 | 2,496 | 2,606 | 5,447 | 6,169 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 1,471 | 1,584 | 5,887 | 6,145 | 20,803 | 23,557 |
| 30 | Manufacture of other transport equipment | 229 | 246 | 1,658 | 1,731 | 17,804 | 20,161 |
| 31 | Manufacture of furniture | 3,287 | 3,541 | 13,448 | 14,039 | 137,747 | 155,987 |
| 32 | Other manufacturing | 1,340 | 1,443 | 3,042 | 3,175 | 34,217 | 38,748 |
| 33 | Repair and installation of machinery and equipment | 368 | 396 | 1,935 | 2,020 | 40,862 | 46,272 |
| | **Total Manufacturing** | **122,403** | **131,834** | **534,305** | **557,773** | **5,838,262** | **6,611,349** |

| ISIC Rev.4 | Industrial Activity | No. of Employees | | Wages and Salaries (Mill. TZS) | | Value Added (Mill. TZS) | |
|---|---|---|---|---|---|---|---|
| | | 2015* | 2016* | 2015* | 2016* | 2015* | 2016* |
| 35 | Electricity, gas, steam and air conditioning supply | 10,398 | 11,918 | 171,048 | 182,473 | 459,147 | 557,969 |
| 36 | Water collection, treatment and supply | 5,362 | 6,146 | 23,905 | 25,502 | 112,005 | 136,112 |
| 38 | Waste collection, treatment and disposal activities; materials recovery | 296 | 340 | 484 | 517 | 3,978 | 4,834 |
| | **Total Electricity and Water** | **16,057** | **18,403** | **195,439** | **208,493** | **575,129** | **698,914** |
| | **Total Industry** | **159,513** | **172,680** | **907,833** | **873,412** | **9,409,036** | **10,346,794** |

**Source:** National Bureau of Statistics

**Table G. 15: Number of Employees, Wages and Salaries and Value Added for Establishments with 10 or more Workers of the Industrial Sector by Region; Tanzania Mainland, 2015 and 2016**

| Region | Number of Employees | | Total Labour Costs (Mill. TZS) | | Value Added (Mill. TZS) | |
|---|---|---|---|---|---|---|
| | 2015* | 2016* | 2015* | 2016* | 2015* | 2016* |
| Dodoma | 1,426 | 1,544 | 11,080 | 12,537 | 25,624 | 28,178 |
| Arusha | 14,316 | 15,498 | 105,932 | 119,865 | 423,946 | 466,199 |
| Kilimanjaro | 7,221 | 7,817 | 125,584 | 142,102 | 285,809 | 314,294 |
| Tanga | 12,180 | 13,185 | 65,230 | 73,810 | 317,059 | 348,659 |
| Morogoro | 18,358 | 19,874 | 129,496 | 146,528 | 1,208,080 | 1,328,484 |
| Coast | 2,227 | 2,411 | 19,758 | 22,357 | 27,272 | 29,990 |
| Dar es Salaam | 44,849 | 48,551 | 469,762 | 531,549 | 2,599,397 | 2,858,468 |
| Lindi | 610 | 660 | 2,663 | 3,013 | 3,612 | 3,972 |
| Mtwara | 1,214 | 1,314 | 7,096 | 8,029 | 53,083 | 58,374 |
| Ruvuma | 588 | 636 | 6,216 | 7,034 | 8,928 | 9,818 |
| Iringa | 6,442 | 6,974 | 32,937 | 37,269 | 118,180 | 129,958 |
| Mbeya | 4,747 | 5,139 | 78,003 | 88,262 | 349,200 | 384,003 |
| Singida | 1,408 | 1,524 | 4,855 | 5,493 | 22,674 | 24,934 |
| Tabora | 1,061 | 1,149 | 20,382 | 23,063 | 91,732 | 100,875 |
| Rukwa | 386 | 418 | 2,079 | 2,352 | 64,879 | 71,345 |
| Kigoma | 1,023 | 1,107 | 4,234 | 4,791 | 33,287 | 36,605 |
| Shinyanga | 7,402 | 8,013 | 316,033 | 357,601 | 1,050,853 | 1,155,587 |
| Kagera | 10,043 | 10,872 | 23,991 | 27,147 | 95,065 | 104,540 |
| Mwanza | 7,247 | 7,846 | 60,421 | 68,368 | 323,089 | 355,289 |
| Mara | 4,190 | 4,536 | 53,601 | 60,651 | 1,205,257 | 1,325,380 |
| Manyara | 8,003 | 8,664 | 27,296 | 30,886 | 77,744 | 85,493 |
| Njombe | 2,397 | 2,595 | 4,439 | 5,023 | 24,795 | 27,267 |
| Katavi | 45 | 49 | 92 | 104 | 270 | 297 |
| Simiyu | 213 | 231 | 682 | 772 | 1,826 | 2,008 |
| Geita | 1,917 | 2,075 | 65,905 | 74,573 | 997,376 | 1,096,780 |
| **Total** | **159,513** | **172,680** | **1,637,766** | **1,853,181** | **9,409,036** | **10,346,794** |

**Source:** National Bureau of Statistics (Annual Survey of Industrial Production)

**Table G. 16: Electricity Installed Capacity,Generated and Sold, Tanzania Mainland, 2002 - 2016**

| Year | National Grid Installed Capacity (MW) | | | Generated (GWh) | Sold (GWh) |
|---|---|---|---|---|---|
| | Thermal | Hydro | Total | | |
| 2002 | 76.4 | 576.5 | 652.9 | 2,790.4 | 2,076.1 |
| 2003 | 76.4 | 576.5 | 652.9 | 3,185.4 | 2,393.2 |
| 2004 | 161.0 | 576.5 | 737.5 | 3,397.5 | 2,556.0 |
| 2005 | 81.0 | 561.0 | 642.0 | 4,298.2 | 2,419.0 |
| 2006 | 81.0 | 561.0 | 642.0 | 3,592.5 | 2,464.0 |
| 2007 | 81.0 | 561.0 | 642.0 | 4,204.6 | 3,057.0 |
| 2008 | 81.0 | 561.0 | 642.0 | 4,425.4 | 3,369.0 |
| 2009 | 229.4 | 561.8 | 791.2 | 4,802.1 | 2,930.0 |
| 2010 | 190.3 | 561.8 | 752.1 | 5,137.8 | 3,917.0 |
| 2011 | 228.0 | 561.8 | 789.8 | 5,152.8 | 3,719.0 |
| 2012 | 259.4 | 561.8 | 821.2 | 5859.9 | 4,145.0 |
| 2013 | 322.4 | 561.8 | 884.2 | 5,997.4 | 4,606.4 |
| 2014 | 322.4 | 561.8 | 884.2 | 6,285.0 | 4,703.0 |
| 2015 | 472.4 | 561.8 | 1,034.2 | 6,457.4 | 4,952.6 |
| 2016 | 496.4 | 567.1 | 1,063.5 | 7,092.2 | 5,496.9 |

MW Megawatt
GWH Gigawatt-Hour = Million KWH
**Source:** Tanzania Electric Supply Company (TANESCO)

**Table G. 17: Electricity; Installed Capacity and Total Units Generated by Station; Tanzania Mainland, 2010 – 2016**

| Station | Installed Capacity (MW) | Electricity Generated (GWh) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
| **National Grid** | | | | | | | | |
| **Hydro Stations** | | | | | | | | |
| Kidatu (Morogoro) | 204 | 1110.6 | 759.3 | 710.7 | 558.3 | 1,024.90 | 756.7 | 962.8 |
| Mtera | 80 | 433.3 | 229.3 | 261.7 | 166.7 | 337.4 | 232.4 | 323.4 |
| Hale (Tanga) | 21 | 49 | 2.6 | 31.9 | 36.1 | 55.6 | 50.7 | 44.1 |
| New Pangani | 68 | 207.9 | 197.3 | 131.6 | 137.2 | 221.9 | 188.6 | 189.5 |
| Nyumba ya Mungu | 8 | 30.2 | 29.4 | 37.4 | 21.5 | 24.5 | 30.4 | 25.3 |
| Kihansi | 180 | 867.3 | 772.9 | 590.9 | 795.2 | 923.8 | 846.4 | 794.1 |
| Uwemba Min Hydro | 4.0 | 3 | 1.9 | 2.3 | 2.3 | 2.7 | 2.5 | 19.3 |
| Other stations | 2.11 | | | | | | | 7.5 |
| **Total** | **563.9** | **2,701.3** | **1,992.6** | **1,766.6** | **1,717.3** | **2,590.7** | **2,107.6** | **2,365.8** |
| **Thermal Stations** | | | | | | | | |
| Ubungo II Gas Plant | 129 | - | - | - | 479.1 | 406.5 | 296.9 | 643.9 |
| Ubungo-Watsila | 102 | 669.8 | 631.4 | 667.6 | 522.1 | 437.8 | 581.7 | 628.2 |
| Tegeta – Watsila | 45 | 243.7 | 320.2 | 286.7 | 313.4 | 307.8 | 325.2 | 317.8 |
| Dodoma (Zuzu) | 7.4 | 1.1 | 5.4 | 4.9 | 6.7 | 3.9 | 6.1 | 3.6 |
| Mwanza Nyakato | 63 | 0 | 0 | 0 | 53.3 | 134.8 | 214.6 | 130.6 |
| Kinyerezi I | 150 | - | - | - | - | - | 99.2 | 903.6 |
| **Total** | **496.4** | **914.6** | **957** | **959.1** | **1,374.7** | **1,290.8** | **1,523.8** | **2,627.7** |
| **Total National Grid** | **1,060.3** | **3,615.9** | **2,949.6** | **2,725.6** | **3,092.0** | **3,881.5** | **3,631.8** | **4,993.5** |
| **Private Stations** | | | | | | | | |
| IPTL | 103 | - | - | - | - | - | 657.7 | 154.6 |
| Songas | 189 | - | - | - | - | - | 1,384.40 | 1,349.4 |
| Aggreko (Ubungo) | - | - | - | - | - | - | 237.2 | 12.4 |
| Aggreko (Tegeta) | - | - | - | - | - | - | 66.8 | 3.5 |
| Symbion-Ubungo | - | - | - | - | - | - | 175.8 | 254.2 |
| SPPs | 10.5 | - | - | - | - | - | 31.4 | 21.2 |
| **Total Private Stations** | **302.5** | - | - | - | - | - | **2553.2** | **1,795.5** |
| **Total Grid** | **1,366.01** | - | - | - | - | | **6,184.6** | **6,788.96** |
| **Isolated Stations** | | | | | | | | |
| Bukoba | 2.6 | 0.2 | 2.8 | 0.2 | 0.6 | 0.5 | 0.2 | 0.3 |
| Kigoma | 11.9 | 21.2 | 21.1 | 23.4 | 24 | 24.3 | 24.8 | 26.2 |
| Mafia | 2.1 | 2.7 | 3.2 | 4.2 | 4.4 | 4.7 | 4.9 | 4.4 |
| Mtwara | 18 | 0 | 59.2 | 64.1 | 68.6 | 76.2 | 83.9 | 86.7 |
| Songea | 8.1 | 18.8 | 17.6 | 20.6 | 22.7 | 22.3 | 22.6 | 10.8 |
| Sumbawanga | 5.0 | 0 | 2.4 | 10.9 | 13.9 | 14.9 | 12.4 | 1.3 |
| Mpanda | 2.9 | 7 | 6.9 | 8.3 | 8.6 | 9.1 | 8.8 | 10.1 |
| Tunduru | 2.1 | 3.8 | 3.6 | 3.7 | 3.7 | 3.9 | 4.2 | 5.1 |
| Liwale | 0.9 | 1 | 1.2 | 1.1 | 1.3 | 0.8 | 2.1 | 2.3 |
| Ngara | 1.0 | 2.8 | 2.8 | 3.1 | 2.9 | 3.2 | 3.2 | 4.8 |
| Biharamulo | 1.5 | 3.3 | 3.4 | 3.7 | 4.1 | 4.7 | 3.9 | 1.5 |
| Mbinga | 2.3 | 3.1 | 3.1 | 4 | 4.6 | 5 | 4.3 | 4.5 |
| Ludewa | 1.3 | 0.8 | 0.8 | 0.9 | 1 | 1 | 1.2 | 1.3 |
| Kasulu | 2.5 | n.a | n.a | 2.17 | 3.1 | 3.9 | 4.7 | 6.1 |
| Kibondo | 2.5 | n.a | n.a | 1.54 | 2.3 | 2.6 | 3.0 | 3.8 |
| Loliondo | 5 | n.a | n.a | 0.24 | 0.6 | 1 | 0.9 | 1.1 |
| Namtumbo | 0.3 | n.a | n.a | | 0.3 | 0.5 | 0.8 | 1.1 |
| Somanga | 7.5 | n.a | 3.35 | 11.8 | 11.5 | 12.3 | 11.9 | 12.7 |
| **Total** | **77.5** | **78.8** | **131.8** | **163.84** | **178.5** | **191.8** | **197.7** | **184.09** |
| **Imported** | **19** | | | | | | **75.1** | **101.5** |
| **From IPPS** | **6.7** | | | | | | | **17.6** |
| **Total** | **1,643.50** | **5,137.80** | **5,152.80** | **5,859.96** | **5997.41** | **6,285.50** | **6,457.40** | **7,092.15** |

**Source:** Tanzania Electricity Company (TANESCO)

**Table G. 18: Quantity of Electricity Sold by Region; Tanzania Mainland, 2008 - 2016**

**GWh**

| Region | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|
| Dodoma | 68 | 79 | 83 | 86 | 94 | 105 | 111 | 116 | 137 |
| Arusha | 296 | 236 | 269 | 260 | 309 | 316 | 326 | 311 | 357 |
| Manyara | n.a | n.a | n.a | 20 | 23 | 24 | 25 | 26 | 29 |
| Kilimanjaro | 109 | 88 | 124 | 118 | 138 | 144 | 154 | 151 | 182 |
| Tanga | 169 | 166 | 209 | 219 | 245 | 264 | 266 | 300 | 322 |
| Morogoro | 136 | 121 | 179 | 163 | 207 | 221 | 232 | 212 | 240 |
| Pwani | 104 | 94 | 106 | 116 | 142 | 171 | 199 | 220 | 260 |
| Dar es Salaam | 1,641 | 1,200 | 1,789 | 1,664 | 1,847 | 2,150 | 2,119 | 2,229 | 2398 |
| Lindi | 11 | 11 | 13 | 14 | 15 | 18 | 23 | 22 | 24 |
| Mtwara | 23 | 29 | 27 | 30 | 34 | 35 | 9 | 51 | 49 |
| Ruvuma | 15 | 15 | 21 | 21 | 24 | 27 | 28 | 31 | 34 |
| Iringa | 79 | 85 | 101 | 92 | 102 | 105 | 107 | 112 | 107 |
| Mbeya | 115 | 125 | 139 | 132 | 150 | 153 | 170 | 164 | 177 |
| Singida | 18 | 26 | 26 | 23 | 29 | 32 | 36 | 47 | 43 |
| Tabora | 98 | 84 | 97 | 95 | 103 | 109 | 61 | 52 | 57 |
| Rukwa | 11 | 12 | 17 | 19 | 19 | 20 | 22 | 23 | 28 |
| Kigoma | 12 | 12 | 16 | 18 | 21 | 23 | 25 | 28 | 29 |
| Shinyanga | 196 | 253 | 313 | 310 | 279 | 280 | 359 | 417 | 428 |
| Kagera | 37 | 33 | 44 | 29 | 55 | 53 | 54 | 60 | 72 |
| Mwanza | 173 | 192 | 215 | 201 | 224 | 231 | 241 | 236 | 262 |
| Mara | 44 | 52 | 110 | 109 | 110 | 124 | 134 | 135 | 142 |
| Njombe | - | - | - | - | - | - | - | - | 69 |
| Katavi | - | - | - | - | - | - | - | - | 4 |
| Geita | - | - | - | - | - | - | - | - | 34 |
| Simiyu | - | - | - | - | - | - | - | - | 8 |
| Other | - | - | - | - | - | - | 6 | 11 | 4.9 |
| **Total Mainland** | **3,369** | **2,930** | **3,917** | **3,719** | **4,170** | **4,605** | **4,793** | **4,952** | **5,496.9** |
| **Total Zanzibar** | **229** | **186** | **174** | **277** | **299** | **219** | **348** | **344** | 375.6 |
| **Total Tanzania** | **3,598** | **3,116** | **4,091** | **3,996** | **4,469** | **4,824** | **5,051** | **5,297** | **5,872.5** |

**Source:** Tanzania Electricity Supply Company (TANESCO)

**Table G. 19: Electricity Sales by Type of Use; Tanzania, 2011 -2016**

**Mill. KWh**

| Year | Tanzania Mainland | | | Tanzania Zanzibar (T5) | Total | Power Trans Loss | Total Power Generated |
|---|---|---|---|---|---|---|---|
| | Domestic (D1) | Domestic (T1) | Commercial and Industrial (T2, T3 and T8) | | | | |
| 2011 | 328.8 | 1,270.80 | 2,118.00 | 277.2 | 3,994.70 | 1,158.70 | 5,153.40 |
| 2012 | 320.8 | 1,480.10 | 2301.8 | 298.6 | 4,401.40 | 1,048.30 | 5,449.70 |
| 2013 | 280.6 | 1,747.00 | 2,560.40 | 218.7 | 4,806.70 | 1,139.50 | 5,997.40 |
| 2014 | 217 | 1,891.00 | 2,595.00 | 348.5 | 5,051.50 | 1,135.30 | 6,285.00 |
| 2015 | 148.8 | 2,082.70 | 2,721.10 | 344.6 | 5,297.10 | 1,119.70 | 6457.6 |
| 2016 | 345.28 | 2,263.4 | 2,887.2 | 375.6 | 5,871.5 | 1,220.7 | 7,092.1 |

**Source:** Tanzania Electricity Supply Company (TANESCO)

**Table G. 20: Quantity of Electricity Distributed; Tanzania Zanzibar, 2013– 2016**

**KWh '000'**

| Description | 2013 | 2014 | 2015p | 2016 |
|---|---|---|---|---|
| Domestic **(ZECO 0)** | 7,098 | 6,735 | 5,629 | 4,808 |
| Commercial and Domestic **(ZECO 1)** | 58,202 | 54,393 | 51,645 | 43,060 |
| Small Industry **(ZECO 2)** | 3,668 | 3,432 | 2,977 | 3,332 |
| Large & Medium Industry (**ZECO 3**) | 88,396 | 95,882 | 101,757 | 116,554 |
| Street Lights (**ZECO 4**) | 155 | 475 | 17 | 22 |
| TUKUZA | 89,443 | 112,341 | 135,791 | 158,831 |
| **Total** | **246,962** | **273,258** | **297,816** | **326,606** |

**Source**: Zanzibar Electricity Corporation (ZECO)

# H:

# CONSTRUCTION

# H. Construction

**Table H. 1: Production and Consumption of Cement; Tanzania Mainland, 1995 – 2016**

Tonnes

| Year | Imported | Exported | Production | Consumption | Percent Change in Consumption |
|---|---|---|---|---|---|
| 1995 | 4,000 | 72,092 | 739,156 | 671,064 | |
| 1996 | 1,309 | 104,811 | 725,755 | 622,253 | -7.3 |
| 1997 | 2,804 | 100,165 | 621,159 | 523,798 | -15.8 |
| 1998 | 14,388 | 50,718 | 777,620 | 741,290 | 41.5 |
| 1999 | 11,418 | 29,097 | 832,602 | 814,923 | 9.9 |
| 2000 | 7,281 | 30,497 | 833,092 | 809,876 | -0.6 |
| 2001 | 56,395 | 53,517 | 900,430 | 903,308 | 11.5 |
| 2002 | 149,079 | 37,203 | 1,026,082 | 1,137,958 | 26.0 |
| 2003 | 166,446 | 34,396 | 1,186,434 | 1,318,484 | 15.9 |
| 2004 | 125,007 | 37,655 | 1,280,851 | 1,368,203 | 3.8 |
| 2005 | 120,200 | 40,430 | 1,375,222 | 1,454,992 | 6.3 |
| 2006 | 92,711 | 98 | 1,421,460 | 1,514,073 | 4.1 |
| 2007 | 101,827 | 52,170 | 1,629,890 | 1,731,573 | 10.9 |
| 2008 | 356,468 | 99,688 | 1,755,862 | 2,012,642 | 19.8 |
| 2009 | 516,182 | 57,569 | 1,940,845 | 2,399,458 | 19.2 |
| 2010 | 566,828 | 189,321 | 2,312,055 | 2,689,562 | 12.1 |
| 2011 | 768,343 | 217,944 | 2,408,765 | 2,959,164 | 10.0 |
| 2012 | 1,013,986 | 145,793 | 2,557,798 | 3,425,991 | 15.8 |
| 2013 | 1,218,453 | 154,481 | 2,369,819 | 3,433,791 | 0.2 |
| 2014 | 1,428,995 | 142,001 | 2,795,687 | 4,082,681 | 18.9 |
| 2015 | 1,257,578 | 126,391 | 3,273,000 | 4,404,187 | 7.9 |
| 2016 | 1,306,732 | 194,338 | 4,916,400 | 6,028,794 | 36.9 |

**Source:** National Bureau of Statistics; Tanzania Revenue Authority

# I:

# TRADE

# I. Trade

## General Information

In International Merchandise Trade Statistics, the objective is to record goods entering and leaving the economic territory of a country. In practice, what is recorded are goods that enter or leave the statistical territory. The statistical territory may coincide with the economic territory of a country or part of it. When the statistical and economic territories of a country differ, International Merchandise Trade Statistics do not provide a complete record of inward and outflow of goods.

## Definitions of the Terms Used

***Direct Imports*:** Goods that enter at the time of importation for consumption or for warehousing in Tanzania.

***Re-exports*:** All imported goods, which are subsequently, exported either without subsequently change under drawback includes ship and aircraft's stores.

***Domestic Exports***: Goods grown, produced or manufactured in Tanzania, which are exported to foreign countries, or sold on ships or on aircraft stores. Materials, which are imported into, and processed or manufactured in Tanzania and then subsequently exported, are classified here.

***Exports***: Domestic Exports + Re-exports

***Valuation:***

- **Imports** are valued at Cost, Insurance and Freight, (C.I.F.) port or place of importation.
- **Exports** are valued Free on Board (F.O.B.) port or place of exit from Tanzania except in the case of gold, silver and diamonds where the value in gross amount realized on the sale.
- **Re-Exports** are valued F.O.B. port of place of exit from Tanzania that is, the landed cost of goods at the time of importation plus all other charges up to the time of delivering the goods on board the exporting ship or craft or to the place of exit from Tanzania.

***Country of Origin or Destination*:**

- **Imports**: the last country of consignment.
- **Exports**: the first country of consignment except where goods are consigned via another country.

***Good Excluded from Imports and Exports*:**

***Imports*:**

i) Travellers samples except in the case of goods subject to duty which are not re-exported;

ii) Motor vehicles imported on a *triptyque* or a *"carnet de passage en donane''* unless such vehicles are not subsequently re-exported;

iii) Naval and military stores;

iv) Diplomatic goods imported by diplomats or cleared ex-bond for their use; and

v) Goods in transit.

***Exports*:**

i) Travellers samples;

ii) Passengers baggage;

*iii)* Motor vehicles exported on a *triptyque* or a *"carnet de passage en donane"; and*

iv) Naval and military store.

**Table I. 1: Value of Foreign Trade; Tanzania, 2011 – 2016**

**Mill. TZS**

| Type of Goods | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|
| Export (FOB) | 7,331,020 | 8,653,372 | 8,223,206 | 11,366,504 | 11,585,936 | 12,287,258 |
| Domestic Export | 7,175,377 | 8,368,496 | 7,012,100 | 9,429,220 | 7,612,984 | 10,320,620 |
| Re - Export | 155,643 | 289,875 | 1,211,106 | 1,937,284 | 3,972,952 | 1,966,638 |
| Imports (CIF) | 17,217,173 | 18,275,893 | 19,904,472 | 20,977,105 | 29,352,500 | 17,145,818 |
| Total Value of Foreign Trade | 24,548,193 | 26,929,265 | 28,127,678 | 32,343,609 | 40,938,436 | 29,433,076 |
| Balance of Merchandised Trade | -9,886,153 | -9,622,521 | -11,681,266 | -9,610,601 | -17,766,564 | -4,858,559 |
| Exchange Rate (TZS/US$) | 1,557.40 | 1,572.00 | 1,597.60 | 1,701.67 | 2,124.13 | 2,185.58 |

**Source:** National Bureau of Statistics and TRA

**Table I. 2: Quantity and Value of Domestic Exports; Tanzania, 2011– 2016**

| Commodity | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Percent Change 2014/15 |
|---|---|---|---|---|---|---|---|
| | | | Quantity (000 Tonnes) | | | | |
| Coffee | 39 | 54.8 | 59.5 | 44.1 | 51.9 | 60.3 | 16.2 |
| Cotton | 40.3 | 132 | 89 | 49.5 | 29.1 | 33.0 | 13.6 |
| Sisal | 13.8 | 13.5 | 12.6 | 11.5 | 1.5 | 1.4 | -2.8 |
| Tea | 27.1 | 27.2 | 28.8 | 29.2 | 27.5 | 26.4 | -4.0 |
| Tobacco | 73.3 | 105.6 | 67.8 | 67.4 | 66.3 | 66.1 | -0.4 |
| Cashewnuts | 96.4 | 130.9 | 147.3 | 172.2 | 171.7 | 169.2 | -1.5 |
| Cloves | 2.2 | 3.4 | 4.1 | 4.7 | 2.8 | 4.9 | 77 |
| Diamonds (Carat) | 417, | 411,000 | - | - | - | - | - |
| Gold (gms) | 40,400,000 | 37,900,000 | 35,100,000 | 41,813,100 | - | - | - |
| | | | **Value (Mill TZS )** | | | | |
| Coffee | 225,748 | 292,787 | 259,132 | 204,301 | 309,681 | 224,213 | -27.6 |
| Cotton | 61,636 | 164,926 | 137,663 | 558,404 | 79,684 | 100,543 | 26.2 |
| Sisal | 16,931 | 18,369 | 25,396 | 111,323 | 340,245 | 32,328 | -90.5 |
| Tea | 72,257 | 87,359 | 86,810 | 72,784 | 91,037 | 96,933 | 6.5 |
| Tobacco | 189,834 | 348,062 | 159,454 | 319,295 | 427,950 | 783,858 | 83.2 |
| Cashew nuts | 162,715 | 221,971 | 301,212 | 647,936 | 497,299 | 756,941 | 52.2 |
| Cloves | 48,362 | 58,281 | 68,429 | 50,880 | 5,883 | 22,498 | 282.4 |
| Diamonds | 16,976 | - | 63,584 | 166,107 | 65,636 | 164,300 | 150.3 |
| Gold | 3,463,813 | 3,410,746 | 2,768,481 | 2,812,561 | 2,717,187 | 3,072,728 | 13.1 |

**Source:** National Bureau of Statistics and Tanzania Revenue Authority.

**Table I. 3: Volume and Value of Traditional and Non-Traditional Exports; Tanzania, 2011– 2016**

| Commodity | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Percent Change 2015/16 |
|---|---|---|---|---|---|---|---|
| | | | **Traditional Commodities; Quantity (000 tonnes)** | | | | |
| Coffee | 39 | 54.8 | 59.5 | 44.1 | 51.9 | 60.3 | -23.9 |
| Cotton | 40.3 | 132 | 89 | 49.5 | 29.1 | 33.0 | 13.4 |
| Sisal | 13.8 | 13.5 | 12.6 | 11.5 | 11.7 | 7.0 | -40.2 |
| Tea | 27.1 | 27.2 | 28.8 | 29.2 | 27.5 | 26.0 | -5.5 |
| Tobacco | 73.3 | 105.6 | 67.8 | 67.4 | 66.3 | 74.0 | 11.6 |
| Cashew nuts | 96.4 | 130.9 | 147.3 | 172.2 | 171.7 | 219.0 | 27.5 |
| Cloves | 2.2 | 3.4 | 4.1 | 4.7 | 2.8 | 1.0 | -64.3 |
| **Sub-Total** | **292.1** | **467.4** | **409.1** | **378.6** | 361.0 | **399.5** | **10.7** |

**Table I. 3 (ctd): Volume and Value of Traditional and Non-Traditional Exports; Tanzania, 2011– 2016**

| Commodity | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Percent Change 2015/16 |
|---|---|---|---|---|---|---|---|
| **Traditional Commodities; value (Mill. USD)** | | | | | | | |
| Coffee | 142.6 | 186.6 | 171 | 121.5 | 162.2 | 154.2 | -4.9 |
| Cotton | 61.6 | 164.9 | 111.7 | 54.7 | 30.2 | 46.8 | 55.0 |
| Sisal | 16.9 | 18.4 | 16.9 | 16.8 | 26.5 | 17.2 | -35.1 |
| Tea | 47.2 | 56.1 | 56.9 | 45.7 | 44.0 | 44.7 | 1.7 |
| Tobacco | 281.2 | 350.1 | 307 | 315 | 287.6 | 312.7 | 8.7 |
| Cashewnuts | 107 | 142.6 | 162.4 | 222.2 | 218.8 | 270.6 | 23.7 |
| Cloves | 28.9 | 38.1 | 43 | 52.9 | 24.1 | 39.3 | 63.1 |
| **Sub-Total** | **685.4** | **956.8** | **868.9** | **828.8** | **793.3** | **885.6** | **11.6** |
| **Non-Traditional Commodities; Value (Mill. USD)** | | | | | | | |
| Minerals | 2,283.40 | 2,197.80 | 1,782.10 | 1,466.70 | 1,285.39 | 1,574.47 | 22.5 |
| Manufactured Goods | 861.5 | 1,047.30 | 1,044.70 | 1,069.51 | 1,364.46 | 1,092.08 | -20.0 |
| Fish and Fish products | 137.7 | 160.6 | 129 | 132.06 | 173.48 | 142.49 | -17.9 |
| Vegetable and flowers | 36.4 | 51.3 | 61.4 | 62.86 | 24.43 | 24.77 | 1.4 |
| Re - export | 330.2 | 555.7 | 762 | 780.09 | 385.81 | 480.02 | 24.4 |
| Other Exports | 98.3 | 181.7 | 492.3 | 503.99 | 884.31 | 972.19 | 9.9 |
| **Sub-Total** | **3,765.10** | **4,184.40** | **4,412.00** | **4,516.77** | **4,117.88** | **4,286.03** | 4.1 |
| Unrecorded products | 665.1 | 771.2 | 762 | 966.94 | 491.12094 | 517.162605 | 5.3 |
| **Grand Total** | **5,098.90** | **5,912.30** | **5,174.00** | **6,679.62** | **5,402.33** | **5,688.79** | 5.3 |

**Source:** National Bureau of Statistics and TRA

**Table I. 4: Export Price of Principal Commodities; Tanzania, 2010 – 2016**

**USD per Tonne***

| Commodity | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Percent Change 2015/16 |
|---|---|---|---|---|---|---|---|---|
| Coffee | 3,318 | 3,609 | 3,403 | 2,602 | 2,756 | 3,123 | 2,557 | -18.1 |
| Cotton | 1,306 | 1,431 | 1,250 | 1,274 | 1,105 | 1,038 | 1,416 | 36.4 |
| Sisal | 940 | 1,224 | 1,357 | 1,341 | 1,460 | 1,749 | 2,002 | 14.5 |
| Tea | 1,125 | 1,741 | 2,061 | 2,150 | 1,568 | 1,601 | 1,696 | 5.9 |
| Tobacco | 3,363 | 3,799 | 3,316 | 3,256 | 4,673 | 4,336 | 4,732 | 9.1 |
| Cashewnuts | 730 | 914 | 1,089 | 1,065 | 1,981 | 1,274 | 1,599 | 25.5 |
| Cloves | 3,173 | 13,443 | 11,199 | 10,516 | 11,231 | 8,653 | 7,976 | -7.8 |
| Diamonds | 3,028 | 2,395 | 2,188 | 208 | 187 | - | - | - |
| Gold | 43 | 55 | 57 | 35 | 38 | - | - | - |

**Source:** National Bureau of Statistics, Tanzania Revenue Authority, Ministry of Energy and Minerals

**Table I. 5: Export Price of Principal Commodities; Tanzania, 2010- 2016**

**TZS/Tonne.**

| Commodity | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Percent Change 2014/15 |
|---|---|---|---|---|---|---|---|---|
| Coffee | 4,069,399 | 5,580,087 | 5,400,679 | 4,135,909 | 4,284,297 | 6,084,327 | 5,563,694 | -8.6 |
| Cotton | 1,775,008 | 2,412,876 | 2,124,117 | 2,016,331 | 4,196,444 | 2,164,592 | 3,080,982 | 42.3 |
| Sisal | 1,986,211 | 2,091,121 | 2,102,332 | 2,129,059 | 2,052,892 | 3,554,124 | 2,473,086 | -30.4 |
| Tea | 2,501,897 | 2,664,933 | 3,144,877 | 3,392,989 | 2,617,376 | 3,139,968 | 3,543,747 | 12.9 |
| Tobacco | 2,586,996 | 2,564,562 | 3,145,641 | 2,237,711 | 4,172,482 | 8,576,002 | 10,259,213 | 19.6 |
| Cashewnuts | 1,284,308 | 1,636,560 | 1,695,963 | 1,943,340 | 3,255,142 | 2,503,867 | 3,422,830 | 36.7 |
| Cloves | 4,390,290 | 20,972,246 | 9,783,616 | 16,735,615 | 17,997,878 | 17,576,080 | 30,707,266 | 74.7 |
| Diamonds | 38,695 | 40,709 | 99,809 | 353,966 | 317,548 | - | - | - |
| Gold | 60,038 | 85,738 | 89,993 | 78,874 | 64,709 | - | - | - |

* Except for Diamond and Gold, whose prices are quoted per carat and gram respectively

**Source:** National Bureau of Statistics and Tanzania Revenue Authority

**Table I. 6 : Domestic Exports by Country of Destination; Tanzania, 2011 – 2016**

**Mill. TZS**

| Country | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|
| **Western Europe** | **889,391** | **2,379,714** | **1,455,650** | **1,162,720** | **1,456,940** | **2,991,363** |
| Austria | 184 | 343 | 522 | 895 | 834 | 825 |
| Belgium | 130,054 | 238,227 | 140,099 | 163,404 | 295,289 | 616,179 |
| Germany | 352,122 | 456,194 | 257,903 | 366,847 | 446,692 | 250,990 |
| Denmark | 14,405 | 16,852 | 15,967 | 12,403 | 5,466 | 8,498 |
| Spain | 22,176 | 25,774 | 34,092 | 23,583 | 37,035 | 34,110 |
| Finland | 14,217 | 8,547 | 9,163 | 6,049 | 5,343 | 6,230 |
| France | 23,295 | 28,951 | 19,252 | 39,817 | 27,799 | 51,990 |
| United Kingdom | 45,327 | 73,916 | 91,417 | 77,063 | 45,600 | 49,681 |
| Greece | 4,135 | 13,722 | 4,314 | 9,552 | 12,412 | 13,265 |
| Ireland | 5,295 | 2,918 | 538 | 280 | 1,332 | 2,562 |
| Italy | 820,423 | 21,157 | 91,883 | 86,827 | 71,182 | 91,727 |
| Luxembourg | - | 385 | 12 | 43 | 0 | 48 |
| Netherlands | 145,371 | 188,682 | 104,349 | 84,178 | 151,448 | 139,050 |
| Norway | 4,476 | 29,165 | 6,525 | 6,854 | 2,845 | 1,736 |
| Portugal | 21,770 | 19,853 | 22,732 | 29,981 | 38,793 | 41,004 |
| Sweden | 4,827 | 9,285 | 10,706 | 8,718 | 10,229 | 12,116 |
| Switzerland | 1,445,059 | 1,245,742 | 646,176 | 246,227 | 304,643 | 1,671,354 |
| **Eastern Europe** | **17,372** | **35,801** | **23,165** | **147,174** | **89,766** | **70,080** |
| Bulgaria | 176 | 362 | 2639 | 33 | 4,298 | 759 |
| Czech Rep | 395 | 325 | 708 | 319 | 218 | 1,656 |
| Hungary | 216 | 171 | 404 | 496 | 585 | 587 |
| Poland | 1,854 | 12765 | 1196 | 6,658 | 42,975 | 24,695 |
| Romania | 4,477 | 4611 | 3228 | 127,774 | 18,605 | 18,258 |
| Russia | 10,252 | 17554 | 14987 | 11,894 | 23,085 | 24,124 |
| Yugoslavia | - | 13 | 3 | - | 0 | - |

**Table I. 6 (ctd) : Domestic Exports by Country of Destination; Tanzania, 2010 – 2016**

**Mill. TZS**

| Country | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|
| **Northern America** | **73,111** | **82,848** | **148,861** | **118,459** | **248,121** | **112,305** | **133,936** |
| Canada | 6,548 | 7,894 | 40,682 | 20,756 | 11,691 | 11,826 | 10,147 |
| USA | 66,563 | 74,954 | 108,179 | 97,703 | 236,430 | 100,479 | 123,789 |
| **Asia and Oceania** | **1,617,590** | **2,003,718** | **1,785,729** | **2,206,436** | **110,560** | **4,032,896** | **2,843,021** |
| Australia | 17,365 | 24,917 | 23,135 | 12,457 | 101,079 | 8,977 | 16,497 |
| Bangladesh | 6,519 | 1,174 | 11,214 | 14,423 | 9,481 | 50,833 | 15,649 |
| China | 908,360 | 1,041,131 | 818,996 | 494,176 | 1,131,901 | 1,112,873 | 770,946 |
| Hong Kong | 18,060 | 17,451 | 37,166 | 48,539 | 58,897 | 67,260 | 65,327 |
| Indonesia | 20,292 | 34,422 | 63,772 | 52,926 | 10,979 | 12,730 | 37,422 |
| India | 312,959 | 320,198 | 749,768 | 1,196,403 | 2,073,772 | 2,274,810 | 1,530,007 |
| Japan | 300,373 | 549,152 | 78,788 | 351,556 | 409,635 | 456,063 | 301,496 |
| Korea (DPRK) North | 2,537 | 1,047 | 2,890 | 106 | 181 | 165 | 1,385 |
| Korea (Republic) South | 3,475 | 2,738 | 23,737 | 11,283 | 10,386 | 36,065 | 84,691 |
| Thailand | 27,650,735 | 11,488 | 56,397 | 24,567 | 23,883 | 13,120 | 19,603 |
| **Africa** | **254,210** | **292,572** | **3,308,881** | **3,855,846** | **3,068,393** | **3,790,117** | **12,829,975** |
| Angola | 4,439 | 44,052 | 4,084 | 61,173 | 4,054 | 7,545 | 9,928 |
| Burundi | 46,604 | 48,639 | 85,187 | 104,455 | 71,138 | 77,673 | 113,462 |
| Botswana | 236 | 808 | 623 | 592 | 6,964 | 236 | 69 |
| Democratic Republic of Congo | 235,612 | 247,333 | 292,261 | 390,946 | 465,278 | 392,428 | 634,887 |
| Cote D'ivoire | 515 | 492 | 436 | 1,678 | 1,127 | 601 | 1,014 |
| Algeria | 2,418 | 4,147 | 5,496 | 2,596 | 1,271 | 1,939 | 1,120 |
| Egypt | 1,625 | 2,578 | 14,143 | 4,068 | 2,110 | 1,665 | 2,252 |
| Eritrea | 767 | 385 | 285 | 100 | 58 | 185 | 144 |
| Ethiopia | 2,216 | 1,286 | 4,870 | 4,352 | 8,918 | 294 | 1,789 |
| Ghana | 655 | 1,396 | 2,892 | 5,821 | 1,961 | 896 | 2,895 |
| Kenya | 267,498 | 335,223 | 545,499 | 1,372,077 | 737,132 | 1,571,168 | 683,148 |
| Libya | 0 | 0 | 0 | 871 | 9 | 615 | 0 |
| Malawi | 56,576 | 81,048 | 162,439 | 76,764 | 68,250 | 238 | 67,008 |
| Mozambique | 25,390 | 97,803 | 87,628 | 107,142 | 112,552 | 37,021 | 26,854 |
| Namibia | 742 | 569 | 93,861 | 7,931 | 1,254 | 1,357 | 619 |
| Nigeria | 1,481 | 1,601 | 1,561 | 5,882 | 7,156 | 7,087 | 20,083 |
| Re Union | 3,270 | 3,504 | 3,196 | 3,683 | 2,999 | 5,589 | 4,058 |
| Rwanda | 354,957 | 103,886 | 165,108 | 178,213 | 59,178 | 81,737 | 14,188 |
| Seychelles | 4,486 | 157 | 732 | 614 | 312 | 27,837 | 477 |
| Sudan | 2,071 | 2,739 | 3,720 | 9,351 | 7,996 | 13,947 | 10,485 |
| Somalia | 1,102 | 1,095 | 1,637 | 931 | 11,043 | 5,529 | 846 |
| Swaziland | 1,737 | 19,694 | 3,546 | 6,398 | 1,905 | 18,074 | 247 |
| Uganda | 67,300 | 70,430 | 160,925 | 125,270 | 121,219 | 99,882 | 126,744 |
| South Africa | 597,013 | 1,312,796 | 1,533,158 | 1,220,800 | 1,139,125 | 1,336,621 | 1,374,237 |
| Zambia | 76,618 | 74,470 | 127,763 | 153,489 | 223,716 | 87,514 | 70,815 |
| Zimbabwe | 1,971 | 6,511 | 7,832 | 10,650 | 11,668 | 12,440 | 13,821 |
| Others | 97,777 | 108,452 | 834,119 | 563,649 | 1,006,889 | 3,895,553 | 9,648,785 |

**Source:** National Bureau of Statistics and Tanzania Revenue Authority

**Table I. 7: Direct Imports by Country of Origin; Tanzania, 2011 – 2016**

**Mill. TZS**

| | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|
| **Western Europe** | **39,426,127** | **4,764,726** | **4,496,085** | **3,652,087** | **2,518,728** | **2,238,798** |
| Austria | 223,243 | 11,020 | 14,846 | 30,964 | 35,952 | 31,031 |
| Belgium | 274,756 | 345,751 | 232,432 | 209,889 | 126,912 | 141,387 |
| Germany | 280,880 | 292,441 | 285,199 | 410,142 | 320,148 | 417,266 |
| Denmark | - | 42,975 | 79,811 | 69,107 | 131,739 | 88,471 |
| Spain | 53,454 | 73,333 | 58,630 | 55,884 | 63,214 | 68,591 |
| Finland | 50,539 | 35,450 | 56,441 | 98,656 | 100,079 | 75,558 |
| France | 251,822 | 169,789 | 164,295 | 119,670 | 190,061 | 147,168 |
| United Kingdom | 448,158 | 574,249 | 440,828 | 434,710 | 361,532 | 337,544 |
| Greece | 1,743 | 14,880 | 375 | 5,967 | 1,669 | 3,295 |
| Ireland | 33,901 | 26,989 | 30,823 | 33,185 | 34,145 | 49,507 |
| Italy | 215,148 | 182,804 | 132,276 | 131,666 | 157,774 | 190,835 |
| Luxembourg | 4,853 | 11,330 | 1,360 | 3,666 | 1,998 | 3,715 |
| Netherlands | 432,651 | 248,543 | 217,971 | 291,752 | 1,356 | 229,585 |
| Norway | 11,395 | 92,222 | 48,626 | 73,187 | 9,427 | 15,287 |
| Portugal | 1,525 | 2,836 | 3,630 | 3,303 | 7,433 | 6,874 |
| Sweden | 2,761,863 | 172,911 | 151,073 | 183,423 | 118,881 | 150,180 |
| Switzerland | 1,691,071 | 2,467,204 | 2,577,469 | 1,496,917 | 856,409 | 282,505 |
| **Eastern Europe** | **296,200** | **156,255** | **153,585** | **266,380** | **343,319** | **355,006** |
| Bulgaria | 33,574 | 853 | 9,912 | 4,903 | 8,056 | 22,523 |
| Czechoslovakia | - | - | - | 11,412 | 21,246 | 35,109 |
| Hungary | 10,276 | 5,139 | 900 | 9,286 | 13,538 | 6,707 |
| Poland | 73,671 | 21,335 | 26,152 | 24,680 | 50,216 | 53,061 |
| Romania | 1,792 | 1,812 | 576 | 3,799 | 4,388 | 3,623 |
| Russia | 176,803 | 127,113 | 116,025 | 212,300 | 245,854 | 233,774 |
| Yugoslavia | 84 | 3 | 21 | - | 21 | 210 |
| **Northern America** | **553,587** | **547,266** | **533,609** | **815,750** | **761,357** | **768,164** |
| Canada | 91,191 | 174,317 | 161,269 | 204,485 | 119,613 | 219,588 |
| USA | 462,396 | 372,949 | 372,340 | 611,265 | 641,744 | 548,576 |
| **Asia & Oceania** | **5,680,492** | **5,504,431** | **8,491,155** | **10,216,985** | **8,967,615** | **9,239,741** |
| Australia | 223,243 | 193,689 | 14,846 | 234,400 | 205,934 | 140,446 |
| Bangladesh | 517 | 8,189 | 951 | 11,144 | 6,202 | 3,711 |
| Burma | - | - | - | - | - | - |
| China | 1,611,973 | 1,814,049 | 2,536,029 | 3,383,493 | 3,700,358 | 3,566,895 |
| Hong Kong | 48,944 | 83,187 | 57,502 | 87,939 | 90,590 | 112,306 |
| Indonesia | 397,703 | 370,583 | 248,214 | 154,768 | 283,643 | 140,724 |
| India | 2,406,813 | 1,373,732 | 3,668,836 | 4,056,591 | 2,512,648 | 3,110,403 |
| Japan | 740,787 | 808,560 | 819,970 | 925,118 | 790,188 | 807,663 |
| Korea (DPRK) North | 6,792 | 1,986 | 4,040 | 7,841 | 4,395 | 2,332 |
| Korea (Republic) South | 150,155 | 186,530 | 234,827 | 269,999 | 450,276 | 359,879 |
| Sri lanka | - | 5,430 | 7,836 | 40,386 | 21,420 | 7,042 |
| Malaysia | - | 137,851 | 185,725 | 640,615 | 337,162 | 567,020 |
| New Zealand | - | 3,863 | 5,307 | 4,766 | 7,697 | 7,841 |
| Pakistan | - | 122,635 | 154,965 | 101,624 | 80,889 | 70,138 |
| Singapore | - | 230,639 | 352,543 | 64,838 | 183,598 | 114,593 |
| Thailand | 93,565 | 118,265 | 146,158 | 173,065 | 183,744 | 171,078 |
| Taiwan, province of China | - | 45242.702 | 53404.487 | 60,398 | 108,871 | 57,670 |

**Table I.7 (ctd): Direct Imports by Country of Origin; Tanzania, 2010 – 2016**

**Mill Tsh**

| Country | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|
| **South & Central America** | **617,911** | **194,324** | **37,252** | **34,767** | **35,919** | **19,475** |
| Argentina | 182,903 | 192,860 | 28,832 | 12,162 | 34,529 | 15,397 |
| Jamaica | 118 | 25 | 39 | 43 | 13 | 2,275 |
| Trinidad | 0 | 1,183 | 36 | 39 | 19 | 9 |
| Netherlands | 432,651 | 89 | 1,189 | 2,438 | 1,356 | 1,795 |
| Uruguay | 2,239 | 168 | 7,155 | 20,086 | 2 | - |
| **Middle East** | **2,827,180** | **4,644,232** | **1,406,263** | **2,685,639** | **14,064,107** | **2,097,538** |
| Bahrain | 414,235 | 1,428,596 | 339,261 | 24,449 | 104,600 | 80,449 |
| Cyprus | 2,617 | 3,186 | 7,306 | 6,781 | 4,437 | 6,596 |
| Iran | 37,769 | 73,137 | 58,657 | 68,652 | 33,583 | 22,957 |
| Israel | 26,700 | 70,556 | 30,823 | 28,962 | 109,062 | 16,925 |
| Jordan | 2,383 | 880,189 | 3,308 | 1,882 | 3,033 | 3,963 |
| Lebanon | 2,910 | 25,529 | 8,413 | 13,089 | 9,691 | 9,529 |
| Quartar | 11,816 | 12,309 | 35,689 | 14,542 | 37,934 | 44,798 |
| Saudi Arabia | 230,094 | 360,198 | 354,890 | 338,854 | 11,928,278 | 479,694 |
| Syria | 1,097 | 2,096 | 671 | 3,022 | 132 | 55 |
| Turkey | 194,919 | 185,926 | 191,799 | 235,899 | 156,801 | 142,330 |
| UAE | 1,899,841 | 1,600,012 | 372,340 | 1,943,334 | 1,674,225 | 1,289,428 |
| Yemen | 2,799 | 2,498 | 3,107 | 6,172 | 2,330 | 813 |
| **Africa** | **15,211,770** | **2,837,163** | **2,189,665** | **2,491,481** | **1,930,124** | **2,143,630** |
| Angola | 686 | 1,602 | 427 | 2,047 | 34 | 57 |
| Burundi | 1,193 | 6,066 | 2,685 | 932 | 2,122 | 1,686 |
| Botswana | 8,268 | 10,476 | 1,536 | 5,585 | 256 | 662 |
| Democratic Republic of Congo | 620 | 1,414 | 175 | 1,363 | 1,253 | 778 |
| Cote D'ivoire | 1,277 | 314 | 191 | 95 | 215 | 526 |
| Algeria | 829 | 85 | 278 | 5,632 | 6,304 | 17,032 |
| Egypt | 72,175 | 65,449 | 68,722 | 50,336 | 70,781 | 75,847 |
| Eritrea | 60 | 590 | 0 | 1 | 0 | 64 |
| Ethiopia | 1,161 | 1,615 | 973 | 437 | 4,677 | 283 |
| Ghana | 9,324 | 5,402 | 8,405 | 6,977 | 1,292 | 2,733 |
| Kenya | 522,244 | 880,189 | 533,303 | 1,082,172 | 473,678 | 582,864 |
| Lesotho | 381 | 141 | 711 | 737 | 1,017 | 998 |
| Libya | 0 | 1,448 | 22 | 167 | 204 | 0 |
| Malawi | 28,805 | 19,599 | 17,493 | 19,876 | 26,999 | 57,835 |
| Mozambique | 46,847 | 17,471 | 117,466 | 30,333 | 66,075 | 26,027 |
| Namibia | 1,715 | 71,847 | 34,137 | 5,394 | 9,655 | 13,243 |
| Nigeria | 1,853 | 606 | 1,638 | 6,612 | 12,853 | 2,247 |
| Re Union | 1 | 1 | 0 | 8 | 238 | 441 |
| Rwanda | 2,434 | 3,306 | 2,720 | 5,279 | 2,211 | 2,444 |
| Seychelles | 2 | 0 | 24 | 63 | 106 | 139 |
| Sudan | 253 | 90 | 211 | 243 | 89 | 55 |
| Somalia | 0 | 10 | 0 | 86 | 851 | 0 |
| Swaziland | 74,595 | 54,770 | 59,677 | 77,929 | 74,139 | 89,700 |
| Uganda | 56,079 | 169,014 | 92,217 | 79,317 | 78,310 | 66,849 |
| South Africa | 1,515,165 | 1,458,335 | 1,159,542 | 997,245 | 1,020,626 | 1,027,974 |
| Zambia | 105,466 | 62,754 | 81,208 | 104,720 | 64,729 | 72,927 |
| Zimbabwe | 10,317 | 4,570 | 5,905 | 7,896 | 11,409 | 4,520 |
| Others | - | - | 2,596,859 | 814,016 | 731,330 | 95,698 |

**Source:** National Bureau of Statistics

# J:

# TRANSPORT AND COMMUNICATION

# J. Transport and Communication

## General

The information presented under this section covers to all major modes of transport and communication. It covers air transport, railways and road transport, shipping as well as posts and telecommunication services.

Very limited information is available on road transport. Unlike other modes of transport, which are dominated by a few big firms, road transport consists of a large number of small operators who have no proper records on their operations. It is therefore not easy to collect reliable information from these units through postal inquiries.

## Definitions of Terms Used

**Aviation Statistics:**

***Movements:*** These are the numbers of touch-downs and take-offs by aircraft.

***Scheduled commercial flights*:** These are flights performed for remuneration according to published timetables and which are available to the general public at fixed rates. Traffic carried on scheduled flights is classified as scheduled traffic though some of the passengers may be travelling at special affinity group rates. It should be noted that this classification is used in relation to the nature of the flight and not of an airline, which may operate both scheduled and non-scheduled flights.

***Non-scheduled commercial flights:*** These are landings and take-offs by aircraft operating for hire or for reward but not according to published timetables.

***Non-commercial flights:*** These are landings and take-offs by aircraft operating solely for the benefit of the owner or for the purpose of positioning. Also included in this category are flights made by the government and military aircrafts as well as unscheduled return flights by aircrafts to their points of departure for reasons of safety.

***Passengers embarked and disembarked*** are those passengers commencing or completing their journeys but excluding direct transit passengers.

***Transit passengers*** are passengers continuing their journey in the same aircraft or in a different aircraft without checking out. Transit passengers are counted only once.

***Freight and mail:*** These refer to freight and mail loaded or off-loaded by all aircraft which served the airport, excluding aircraft fuel, stores and cargo remaining in the aircraft. Commercial freight excludes diplomatic freight and mail, post office and excess baggage.

**Shipping Statistics*:***

***Gross Registered Tonnage:*** This refers to space measurement, one cubic meter being regarded as equal to one tonne. It is the capacity of the entire space within the frames and ceiling of the hull together with those closed in spaces above deck available for cargo, stores, passengers and crew.

***Net Registered Tonnage (NRT):*** This is what remains after deducting from the gross registered tonnage the spaces occupied by propelling machinery, fuel and other stores, crew quarters, master cabin and navigation spaces. It represents the space available for cargo and passengers. Both gross and net registered tonnages are measurements of cubic capacity and not of weight.

***Dead Weight Tonnage (DWT):*** This is the weight (tonnes) of cargo that a ship can carry or carries. The weight of cargo includes packing.

**Other Definitions:**

***Passenger Load Factor*** = $\frac{\text{Passenger-km performed}}{\text{Passenger-km available}} \times 100$

***Weight Load Factor*** = $\frac{\text{Tonne-km performed}}{\text{Tonne-km available}} \times 100$

***Direct Imports*:** These are goods entered at the time of importation for consumption or for warehousing.

***Re-exports:*** These are imported goods, which are subsequently exported to places outside the country.

***Retained Imports:*** These are goods actually remaining in the country after subtracting re-exports from direct imports.

**Table J. 1 : Air Tanzania Corporation (ATC); Operating Statistics, 2009 -2016**

| Item | Unit | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|
| **Tonne-Kilometers:** | | | | | | | | | |
| Available | 000 | 5,313 | 9,482 | 1,662 | 1,932 | 6,154 | 3,052 | 60,042 | 3,937 |
| Used | 000 | 1,508 | 2,888 | 268 | 815 | 2,503 | 117 | 30,889 | 1,756 |
| % Utilization | % | 28 | 31 | 16 | 42 | 41 | 4 | 51 | 47 |
| **Seats-Kilometers:** | | | | | | | | | |
| Available | 000 | 41,396 | 59,724 | 7,140 | 15,131 | 54,665 | 3,680 | 21,693 | 37,877 |
| Used | 000 | 16,469 | 30,527 | 2,946 | 10,209 | 27,279 | 946 | 11,472 | 20,692 |
| % Utilization | % | 40 | 51 | 41 | 67 | 50 | 26 | 53 | 5 |
| Passengers | 000 | 27 | 41 | 9 | 11 | 35 | 56 | 31 | 28 |
| Excess load | Tonne | 9 | 8 | 2 | 0.3 | 45 | 0 | 53 | 1 |
| Load carried | Tonne | 54 | 145 | 4 | 4.7 | 35 | 45 | 42 | 7 |
| Postal mail | Tonne | 11 | 30 | 0 | 0 | 25 | 405 | 4 | - |

**Source**: Air Tanzania Corporation Ltd (ATCL)

**Table J. 2: Tanzania Railways Limited (TRL); Operating Statistics, 2009 -2016**

| Item | Unit | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|
| Railway length | Kms | 2,707 | 2,707 | 2,707 | 2,707 | 2,707 | 2,707 | 2,707 | 2,707 |
| **Locomotive engines (serviceable fleet)** | Number | 43 | 25 | 22 | 20 | 45 | 45 | 30 | 44 |
| Steam | Number | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Diesel engines: | Number | 43 | 25 | 22 | 20 | 0 | 0 | 0 | 0 |
| Mainline | Number | 5 | 21 | 19 | 16 | 38 | 38 | 21 | 40 |
| Shunting | Number | 38 | 4 | 3 | 4 | 7 | 7 | 9 | 4 |
| **Wagons (serviceable)** | Number | 1,357 | 1,071 | 1,326 | 954 | 1,200 | 1,214 | 1155 | 426 |
| Passengers coaches | Number | 68 | 50 | 53 | 36 | 91 | 91 | 56 | 56 |
| General use | Number | 1,093 | 648 | 658 | 635 | 681 | 590 | 561 | 22 |
| Oil tanks/containers | Number | 178 | 179 | 335 | 208 | 178 | 203 | 196 | 123 |
| Tank wagons | Number | 39 | 88 | 88 | 80 | 39 | 64 | 64 | 27 |
| Others | Number | 105 | 106 | 192 | 203 | 211 | 266 | 278 | 198 |
| **Transportation:** | | | | | | | | | |
| Passengers | ,000 | 285 | 284 | 227 | 339 | 373 | 170 | 196.4 | 1,707 |
| Freight | 000 tonnes | 237 | 265 | 138 | 154 | 185 | 127 | 282.6 | 102 |

**Source**: Tanzania Railway Corporation (TRC)

**Table J. 3.: Tanzania Zambia Railway (TAZARA); Operating Statistics, 2009-2016**

| Item | Unit | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|
| Railway length | Kms | 1,860 | 1,860 | 1,860 | 1,860 | 1,860 | 1,860 | 1,860 | 1,860 |
| **Locomotive engines:** | Number | 16 | 15 | 13 | 13 | 14.8 | 16 | 17.2 | 21 |
| Main line | Number | 11 | 10 | 9 | 8.8 | 10.8 | 12.8 | 11.7 | 14 |
| Shunting | Number | 5 | 5 | 4 | 4.5 | 4 | 3.2 | 5.5 | 7 |
| **Passenger rolling stock:** | Number | 53 | 36 | 36 | | 52 | 50 | 51 | 56 |
| Passenger coaches | Number | 44 | 31 | 30 | 30 | 45 | 44 | 43 | 48 |
| Restaurant unit | Number | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 4 |
| Luggages | Number | 6 | 3 | 3 | 3 | 4 | 3 | 5 | 4 |
| **Freight rolling stock:** | Number | 1,412 | 1,620 | 930 | 858 | 1,391 | 1,101 | 1,142 | 1,221 |
| Luggages | Number | 1,174 | 1,381 | 795 | 765 | 1,229 | 966 | 1,007 | 1,077 |
| Livestock | Number | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oil tanks | Number | 196 | 197 | 93 | 59 | 104 | 82 | 82 | 89 |
| Refrigerated units | Number | 7 | 7 | 7 | 0 | 5 | 5 | 5 | 5 |
| Other units | Number | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 |
| Brake units | Number | 16 | 16 | 16 | 16 | 35 | 30 | 30 | 32 |
| Ballast units | Number | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| **Transportations:** | | | | | | | | | |
| Freight | 000 tonnes | 333 | 540 | 248 | 259 | 245 | 33 | 81 | 96 |
| Passengers | 000 | 923 | 758 | 414 | 678 | 654 | 287 | 327 | 440 |

**Source:** Tanzania Zambia Railway Authority (TAZARA)

**Table J. 4: Shipping Statistics: Dar es Salaam Port, 2009-2016**

| Item | Unit | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|
| Total number of ships | Number | 1,842 | 1,274 | 1,232 | 1,600 | 742 | 1,426 | 4,028 | 1,600 |
| Net registered capacity | 000 Tonnes. | 17,472 | 18,721 | 24,240 | 24,496 | 13,359 | 23,278 | 24,506 | 31,212 |
| Total passengers | 000 | 141 | 228 | 311,595 | 374,530 | 347 | 1,000 | 1,023 | 1,748 |
| Total cargo handled | 000 Dwt | 4,946 | 4,954 | 5,432 | 10,122 | 5,547 | 9,082 | 9,369 | 10,814 |
| **Off-loading:** | **000 Dwt** | **4,382** | **4,559** | **4,816** | **9,018** | **3,899** | **7,998** | **5,556** | **10,043** |
| General cargo | 000 Dwt | 2,430 | 2,159 | 2,474 | 5,021 | 2,682 | 4,495 | 2,951 | 4,791 |
| Petroleum | 000 Dwt | 1,852 | 2,400 | 2,342 | 3,997 | 1,217 | 3,489 | 2,605 | 5,223 |
| Others[1] | 000 Dwt | 100 | 0 | 0 | 0 | 0 | 14 | 0 | 29 |
| **Loading:** | **000 Dwt** | **497** | **466** | **616** | **1,105** | **414** | **808** | **780** | **789** |
| General cargo | 000 Dwt | 466 | 419 | 557 | 1,033 | 391 | 763 | 738 | 674 |
| Petroleum | 000 Dwt | 24 | 47 | 59 | 72 | 23 | 45 | 42 | 87 |
| Others[1] | 000 Dwt | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| **Trans shipments** | **000 Dwt** | **68** | **0** | **32** | **15** | **0** | **275** | **49** | **20** |

1 Such as molasses, tallow fats etc
**Source:** Tanzania Ports Authority

**Table J. 5: Shipping Statistics: Tanga Port, 2008-2016**

| Item | Unit | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|
| Total number of ships | Number | 95 | 144 | 215 | 201 | 232 | 92 | 64 | 63 | 87 |
| Net registered capacity | 000 Tonnes | 133 | 671 | 1,059 | 1,005 | 1,378 | 700 | 990 | 620 | 945 |
| Total passengers | 000 | 8.3 | 0 | 0 | 0 | 2,865 | 0 | 0 | 0 | 0 |
| Total cargo handled | 000 Dwt | 178 | 359 | 529 | 508 | 608 | 271 | 536 | 475 | 500 |
| **Off-loading:** | 000 Dwt | 836 | 213 | 357 | 373 | 1,217 | 5,357 | 437 | 308 | 469 |
| General cargo | 000 Dwt | 817 | 147 | 313 | 365 | 436 | 3,171 | 437 | 308 | 338 |
| Petroleum | 000 Dwt | 19 | 66 | 44 | 8 | 615 | 2,186 | 0 | 0 | 131 |
| **Loading:** | 000 Dwt | 66 | 145 | 171 | 134 | 0 | 985 | 100 | 64 | 75 |
| General cargo | 000 Dwt | 66 | 145 | 171 | 507 | 166 | 912 | 100 | 64 | 75 |
| Petroleum | 000 Dwt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Source:** Tanzania Ports Authority

**Table J. 6: Shipping Statistics: Mtwara Port, 2008-2016**

| Item | Unit | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|
| Total number of ships | Number | 36 | 32 | 58 | 129 | 498 | 339 | 428 | 166 | 113 |
| Net registered capacity | 000 Tons. | 131 | 31 | 455 | 307 | 1,557 | 1,245 | 1,343 | 475 | 778 |
| Total passengers | 000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total cargo handled | 000Dwt | 82 | 95 | 107 | 112 | 178 | 144 | 248 | 125 | 379 |
| **Off-loading:** | 000Dwt | 26 | 23 | 39 | 44 | 432 | 894 | 149 | 57 | 151 |
| General cargo | 000Dwt | 22 | 23 | 36 | 35 | 55 | 274 | 140 | 56 | 151 |
| Petroleum | 000Dwt | 4 | 0 | 3 | 9 | 254 | 620 | 9 | 1 | 0 |
| **Loading:** | 000Dwt | 56 | 72 | 68 | 71 | 0 | 70 | 100 | 67 | 6 |
| General cargo | 000Dwt | 56 | 72 | 68 | 71 | 113 | 70 | 100 | 67 | 6 |
| Petroleum | 000Dwt | na | na | na | na | 10 | 0 | 0.3 | 0 | 0 |
| **Transshipment** | 000Dwt | na | na | na | na | 0 | 0 | 0 | 0 | 0 |

na; Not available

**Source:** Tanzania Ports Authority

**Table J. 7: Trunk and Regional Roads by Road Type and Condition,as at December, Tanzania Mainland, 2014 – 2016**

| Road Type | Good | | Fair | | Poor | | Total | |
|---|---|---|---|---|---|---|---|---|
| | Km | % | Km | % | Km | % | Km | % |
| | | | | **December 2014** | | | | |
| **Trunk Roads** | | | | | | | | |
| Paved | 4,976 | 83.6 | 667 | 11.2 | 310 | 5.2 | 5,953 | 100 |
| Unpaved | 1,029 | 25.4 | 2,673 | 65.9 | 352 | 8.7 | 4,054 | 100 |
| **Sub Total** | **6,005** | 60.0 | **3,340** | 33.4 | **662** | 6.6 | **10,007** | **100** |
| **Regional Roads** | | | | | | | | |
| Paved | 456 | 54.0 | 196 | 23.2 | 193 | 22.8 | 845 | 100 |
| Unpaved | 5,152 | 25.0 | 12,811 | 62.1 | 2,681 | 13.0 | 20,644 | 100 |
| **Sub Total** | **5,608** | 26.1 | **13,007** | 60.5 | **2,874** | 13.4 | **21,489** | **100** |
| **Total** | **11,613** | 36.9 | **16,347** | 51.9 | **3,536** | 11.2 | **31,496** | **100** |
| | | | | **December 2015** | | | | |
| **Trunk Roads** | | | | | | | | |
| Paved | 4731 | 74.0 | 1215 | 19.0 | 444 | 6.9 | 6,390 | 100 |
| Unpaved | 1,307 | 34.9 | 2,028 | 54.2 | 405 | 10.8 | 3,740 | 100 |
| **Sub- Total** | **6,038** | 59.6 | **3,243** | 32.0 | **849** | 8.4 | **10,130** | **100** |
| **Regional Roads** | | | | | | | | |
| Paved | 577 | 57.0 | 333 | 32.9 | 102 | 10.1 | 1,012 | 100 |
| Unpaved | 5,299 | 27.2 | 11,530 | 59.3 | 2,621 | 13.5 | 19,450 | 100 |
| **Sub-Total** | **5,876** | 28.7 | **11,863** | 58.0 | **2,723** | 13.3 | 20,462 | **100** |
| **Total** | **11,914** | 38.9 | **15,106** | 49.4 | **3,572** | 11.7 | **30,592** | **100** |
| | | | | **December 2016** | | | | |
| **Trunk Roads** | | | | | | | | |
| Paved | 4,622 | 73.7 | 1,246 | 19.9 | 406 | 6.5 | 6,274 | 100 |
| Unpaved | 921 | 25.6 | 2,140 | 59.4 | 539 | 15.0 | 3,600 | 100 |
| **Sub- Total** | **5,543** | 56.1 | **3,386** | 34.3 | **945** | 9.6 | **9,874** | **100** |
| **Regional Roads** | | | | | | | | |
| Paved | 697 | 64.5 | 314 | 29.1 | 69 | 6.4 | 1,080 | 100 |
| Unpaved | 5,090 | 24.9 | 11,928 | 58.4 | 3,398 | 16.6 | 20,416 | 100 |
| **Sub-Total** | 5,787 | 26.9 | 12,242 | 57.0 | 3467 | 16.1 | 21,496 | 100 |
| **Total** | 11,330 | 36.1 | 15,628 | 49.8 | 4,412 | 14.1 | 31,370 | 100 |

**Source:** TANROADS.

**Table J. 8: Distribution of Roads (Kms) by Category, Type and Region, 2016**

**Km**

| Region | Road Category | Type | | |
|---|---|---|---|---|
| | | **Paved** | **Unpaved** | **Total** |
| **Dodoma** | Trunk Roads | 372.7 | 182.4 | 555.1 |
| | Regional Roads | 24.2 | 1,117.3 | 1,141.5 |
| | District Roads | 0 | 0 | 0 |
| | Urban Roads | 0 | 0 | 0 |
| | Feeder Roads | 0 | 0 | 0 |
| | **Total** | **396.9** | **1,299.7** | **1,696.6** |
| **Kilimanjaro** | Trunk Roads | 295.1 | 0 | 295.1 |
| | Regional Roads | 145.4 | 584.2 | 729.6 |
| | District Roads | 2.0 | 60.9 | 62.9 |
| | Feeder Roads | 0 | 0 | 0 |
| | Urban Roads | 0 | 0 | 0 |
| | **Total** | **442.5** | **645.1** | **1,087.6** |
| **Tanga** | Trunk Roads | 327.7 | 0 | 327.7 |
| | Regional Roads | 171.9 | 1,302.9 | 1,474.8 |
| | District Roads | 0 | 1,603.9 | 1,603.9 |
| | Feeder Roads | 101.5 | 884.3 | 985.8 |
| | Urban Roads | 0 | 1,572.3 | 1,572.3 |
| | **Total** | **601.1** | **5,363.4** | 5,964.5 |
| **Morogoro** | Trunk Road | 112.8 | 0 | 112.8 |
| | Regional Roads | 9.9 | 255.9 | 265.8 |
| | District Roads | 2.5 | 92.6 | 95.1 |
| | Urban Roads | 0 | 484.2 | 484.2 |
| | Feeder Roads | 0 | 531.2 | 531.2 |
| | **Total** | **125.2** | **1,363.9** | **1,489.1** |
| **Pwani** | Trunk Roads | 444.7 | 56.6 | 501.3 |
| | Regional Roads | 16.6 | 865.4 | 882.0 |
| | District Roads | 0 | 1,352.8 | 1,352.8 |
| | Feeder Roads | 0 | 1,346.2 | 1,346.2 |
| | Urban Roads | 9.6 | 463.1 | 472.7 |
| | **Total** | **470.9** | **4,084.1** | **4,555.0** |
| **Dar es Salaam** | Trunk Roads | 5,130.50 | 7,655.70 | 12,786.2 |
| | Regional Roads | 702 | 19523.8 | 20,225.8 |
| | District Roads | n.a | n.a | n.a |
| | Feeder Roads | n.a | n.a | n.a |
| | Urban Roads | n.a | n.a | n.a |
| | **Total** | **5,832.5** | **27,179.5** | **33,012.0** |

**Table J.8 (ctd): Distribution of Roads (kms) by Category, Type and Region, 2016**

**Km**

| Region | Road Category | Type | | |
|---|---|---|---|---|
| | | **Paved** | **Unpaved** | **Total** |
| **Lindi** | Trunk Roads | 331.6 | 14.4 | 346.00 |
| | Regional Roads | 30.5 | 922.0 | 952.53 |
| | District Roads | 0 | 1,491.5 | 1491.5 |
| | Feeder Roads | 8.0 | 101.7 | 109.7 |
| | Urban Roads | 0 | 820.2 | 820.2 |
| | **Total** | **370.1** | **3,349.8** | **3,719.9** |
| **Mtwara** | Trunk Roads | 147.5 | 133.6 | 281.1 |
| | Regional Roads | 37.9 | 337.7 | 375.6 |
| | District Roads | 2.0 | 1,701.1 | 1,703.1 |
| | Urban Roads | 20.2 | 208 | 228.2 |
| | Feeder Roads | | 1,501.1 | 1,501.1 |
| | **Total** | **207.6** | **3,881.5** | **4,089.1** |
| **Singida** | Trunk Roads | 413.0 | 334.2 | 747.2 |
| | Regional Roads | 43.0 | 994.0 | 1,037.0 |
| | District Roads | 13.4 | 2,364.6 | 2,378.0 |
| | Feeder Roads | 0 | 0 | 0 |
| | Urban Roads | 0 | 0.00 | 0 |
| | **Total** | **469.4** | **3.692.8** | **4,162.2** |
| **Tabora** | Trunk Roads | 152.1 | 807.1 | 959.2 |
| | Regional Roads | 8.0 | 1,274.9 | 1,282.9 |
| | District Roads | 0 | 2,156.5 | 2,156.5 |
| | Feeder Roads | 0 | 2,285.5 | 2,285.5 |
| | Urban Roads | 20.7 | 316.7 | 337.4 |
| | **Total** | **180.8** | **6840.7** | **7,021.5** |
| **Kigoma** | Trunk Road | 8.2 | 8.2 | 8.2 |
| | Regional Road | 0 | 586.4 | 586.35 |
| | District Road | 0 | 764.1 | 764.1 |
| | Urban Road | 0 | 1,190.30 | 1,190.30 |
| | Feeder Road | 7 | 102.0 | 109 |
| | **Total** | **15.2** | **2,642.8** | **2,658.0** |
| **Shinyanga** | Trunk Roads | 330.0 | 326.0 | 656.0 |
| | Regional Roads | 11.0 | 1,182.0 | 1,193.0 |
| | District Roads | 0 | 0 | 0 |
| | Feeder Roads | 0 | 0 | 0 |
| | Urban Roads | 0 | 0 | 0 |
| | **Total** | **341.0** | **1,508.0** | **1,849.0** |

**Table J.8 (ctd): Distribution of Roads (kms) by Category, Type and Region, 2016**

**Km**

| Region | Road Category | Type | | |
|---|---|---|---|---|
| | | **Paved** | **Unpaved** | **Total** |
| **Kagera** | Trunk Roads | 664.4 | 241.6 | 906.0 |
| | Regional Roads | 67.7 | 1,201.5 | 1,269.2 |
| | District Roads | na | na | na |
| | Feeder Roads | na | na | na |
| | Urban Roads | 2.5 | 72.6 | 75.1 |
| | **Total** | **734.6** | **1,515.7** | **2,250.3** |
| **Mara** | Trunk Roads | 171.7 | 241.5 | 413.2 |
| | Regional Roads | 23.9 | 375.9 | 399.8 |
| | District Roads | 0 | 1,798.6 | 1,798.6 |
| | Feeder Roads | 7.1 | 443.6 | 450.7 |
| | Urban Roads | 0 | 1,034.6 | 1,034.6 |
| | **Total** | **202.7** | **3,894.2** | **4,096.9** |
| **Rukwa** | Trunk Roads | 1.9 | 107.1 | 109.0 |
| | Regional Roads | 0 | 290.0 | 290.0 |
| | District Roads | 0 | 1,237.0 | 1,237.0 |
| | Feeder Roads | 0 | 1,286.3 | 1,286.3 |
| | Urban Roads | 23.2 | 300.3 | 323.5 |
| | **Total** | **25.1** | **3,220.7** | **3,245.8** |
| **Manyara** | Trunk Roads | 191.4 | 17.8 | 209.2 |
| | Regional Roads | 1,040.4 | 1,541.9 | 2,582.3 |
| | District Roads | 0 | 2,298.8 | 2,298.8 |
| | Urban Roads | 0 | 1,881.7 | 1881.7 |
| | Feeder Roads | 0 | 342.7 | 342.7 |
| | **Total** | **1,231.8** | **6,082.9** | **7,314.7** |
| **Mwanza** | Trunk Road | 230.9 | 107.9 | 338.8 |
| | Regional Road | 17.5 | 1,087.0 | 1,104.5 |
| | District Road | 68.4 | 1,396.3 | 1,464.7 |
| | Urban Road | 0 | 0 | 0 |
| | Feeder Road | | 2,715.4 | 2,715.4 |
| | **Total** | **316.8** | **5,306.6** | **5,623.4** |
| **Mbeya** | Trunk Road | 535.6 | 277.0 | 812.6 |
| | Regional Road | 38.2 | 1,405.0 | 1,443.2 |
| | District Road | 4.0 | 2,691.0 | 2,695.0 |
| | Urban Road | 38.9 | 1,136.0 | 1,174.9 |
| | Feeder Road | 25.2 | 23,231.7 | 3,256.9 |
| | **Total** | **641.9** | **8,740.7** | **9,382.6** |

**Table J.8 (ctd): Distribution of Roads (kms) by Category, Type and Region, 2016**

**Km**

| Region | Road Category | Type | | |
|---|---|---|---|---|
| | | **Paved** | **Unpaved** | **Total** |
| **Iringa** | Trunk Roads | 510.0 | 348.0 | 858.0 |
| | Regional Roads | 27.0 | 1,298.0 | 1,325.0 |
| | District Roads | 6.0 | 5,052.0 | 5,058.0 |
| | Urban Roads | 22.0 | 954.0 | 976.0 |
| | Feeder Roads | 0.0 | 1742.0 | 1,742.0 |
| | **Total** | **565.0** | **9,394.0** | **9,959.0** |
| **Ruvuma** | Trunk Roads | 349.4 | 575.8 | 925.1 |
| | Regional Roads | 18.1 | 1,197.9 | 1216.0 |
| | District Roads | 8.7 | 2,322.9 | 2,331.6 |
| | Urban Roads | 12.4 | 343.5 | 355.9 |
| | Feeder Roads | 0 | 3,385.1 | 3385.1 |
| | **Total** | **388.6** | **7,825.2** | **8,213.8** |
| **Arusha** | Trunk Roads | 315.5 | 104.0 | 419.5 |
| | Regional Roads | 21.5 | 724.5 | 746 |
| | District Roads | 70.5 | 2,341.0 | 2,411.5 |
| | Urban Roads | 0 | 0 | 0 |
| | Feeder Roads | 0 | 1,380.1 | 1380.1 |
| | **Total** | 407.5 | 4,549.6 | 4,957.1 |

**Source:** TANROADS Visual assessment conducted by Regional Managers.

**Table J. 9: Number of Commuter Busses in Regional Towns; Tanzania Mainland, 2008 – 2016**

| Town | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|
| Dodoma | 136 | 142 | 405 | 853 | 437 | 573 | 765 | 1,208 | 188 |
| Arusha | 1,255 | 1,264 | 2,125 | 1,181 | - | 781 | 812 | - | 437 |
| Moshi | 310 | 625 | 650 | 455 | 320 | 580 | 420 | 475 | 461 |
| Lindi | 46 | 52 | 54 | 56 | 21 | 33 | 58 | 87 | 36 |
| Tanga | 93 | 184 | 313 | 269 | 305 | 312 | 392 | 478 | 139 |
| Morogoro | 267 | 289 | 315 | 320 | 510 | 433 | 336 | 1,526 | 1,560 |
| Kibaha | - | - | - | - | - | - | - | - | 55 |
| Dar es Salaam | 5,716 | 6,043 | 7,573 | 6,713 | - | 7,202 | 6,748 | - | 1,117 |
| Mtwara | 30 | 62 | 54 | 83 | 74 | 78 | 85 | 92 | 39 |
| Songea | 93 | 84 | 95 | 92 | 85 | 105 | 180 | 269 | 69 |
| Iringa | 210 | 233 | 587 | 744 | 746 | 717 | 359 | 911 | 135 |
| Njombe | - | - | - | - | - | 25 | 249 | 281 | 278 |
| Shinyanga | - | - | - | - | - | - | - | - | 100 |
| Mbeya | 1,180 | 1,264 | 1,433 | 1,425 | 1,485 | 1,569 | 2,128 | 1,807 | 262 |
| Singida | 34 | 56 | 83 | 94 | 85 | 263 | 179 | 198 | 105 |
| Tabora | 17 | 11 | 18 | 10 | 12 | 18 | 26 | 12 | 72 |
| Kigoma | 219 | 174 | 182 | 186 | 165 | 170 | 98 | 102 | 132 |
| Bukoba | 14 | 26 | 21 | 24 | 8 | 5 | 12 | 18 | 117 |
| Musoma | 16 | 26 | 57 | 73 | 72 | 44 | 122 | 91 | 64 |
| Mwanza | 1,290 | 1,376 | 843 | 1,329 | 1,868 | 1860 | 3,729 |  | 224 |
| Babati | 37 | 10 | 15 | 13 | 47 | 331 | 28 | 34 | 101 |
| Mpanda | - | - | - | - | - | - | - | - | 18 |
| Sumbawanga | 53 | 59 | 52 | 64 | 43 | 23 | 194 | 531 | 45 |

- means not available

**Source:** National Bureau of Statistics and Tanroads

**Table J. 10: Air Transport; Number of Domestic Passengers and Size of Road Carried by Aircraft Companies; Tanzania Mainland, 2008 - 2016**

**Number**

| Item | Unit | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Tonne-Kilometres:** | | | | | | | | | | |
| Available | 000 | - | 5,313 | 9,482 | 1,662 | 1,932 | 6,154 | 3,052 | 60,042 | 3,937 |
| Used | 000 | - | 1,508 | 2,888 | 268 | 815 | 2,503 | 117 | 30,889 | 1,756 |
| Utilization | % | - | 28 | 30 | 16 | 42 | 41 | 4 | 51 | 45 |
| **Seats-Kilometres:** | | | | | | | | | | |
| Available | 000 | 469,426 | 41,396 | 59,724 | 7,140 | 15,131 | 54,665 | 3,680 | 21,693 | 37,877 |
| Used | 000 | 129 | 16,469 | 30,527 | 2,946 | 10,209 | 27,279 | 946 | 11,472 | 20,692 |
| % Utilization | % | 27 | 40 | 51 | 41 | 67 | 50 | 26 | 53 | 55 |
| Passengers | 000 | 188 | 27 | 41 | 9 | 11 | 35 | 56 | 31 | 28 |
| Excess load | Tonne | 30 | 9 | 8 | 2 | 0 | 45 | 0 | 53 | 1 |
| Load carried | Tonne | 1,044 | 54 | 145 | 4 | 5 | 35 | 45 | 42 | 7 |
| Postal mail | Tonne | 162 | 11 | 30 | 0 | 0 | 25 | 405 | 4 | - |

**Source:** Economic Survey

**Table J. 11: Postal Services Statistics; Tanzania, 2011– 2016**

| Item | Unit | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|
| **Post Offices (total)** | **Number** | **419** | **324** | **323** | **323** | **313** | **313** |
| Sub Post Offices | Number | 105 | 65 | 74 | 74 | 65 | 65 |
| Franchised Post Offices | Number | 151 | 112 | 89 | 89 | 90 | 90 |
| Departimental Post Offices | Number | 163 | 147 | 160 | 160 | 158 | 158 |
| Private Boxes Installed | 000 | 146 | 162 | 173 | 142 | 160 | 160 |
| Rented Boxes | 000 | 130 | 140 | 148 | 128 | 138 | 138 |
| Unfulfilled Request/waiting applicants | 000 | 21 | 28 | 25 | 18 | 4 | 1 |
| Rented Postal Bags | Number | 361 | 278 | 212 | 260 | 180 | 180 |
| Posted Letters: | Mill. | 27.2 | 14.8 | 26 | 15 | 10.3 | 4 |
| Registered & urgent Letters: | 000 | 347 | 397 | 568 | 455 | 402 | 297 |
| Inland Parcels | 000 | 10 | 15 | 29 | 12 | 17 | 36 |
| Foreign Parcels | 000 | 11 | 12 | 9 | 5 | 9 | 2 |
| Licence issued for stamp Selling | Number | 28,257 | 33,311 | 2,637 | 3,715 | - | - |
| EMS letters and parcels: | | | | | | | |
| Inland | Number | 501,635 | 404,453 | 620,478 | 406,732 | 416,007 | 452,827 |
| Foreign | Number | 16,965 | 24,347 | 17,130 | 20,564 | 308,288 | 6,364 |
| EMS Money Fax | Number | 36,357 | 2,940 | 550 | 745 | 748 | 272 |
| EMS Fax (Fax message received) | Number | 1,595 | 876,187 | 544 | 1,194 | 3,844 | 2,518 |
| Overnight Mail Services | Number | | 9,963 | 115,126 | - | - | - |
| Letters' bags transported | Number | 115,403 | 50,082 | 87,051 | 46,652 | 53,639 | 57,605 |
| Newspapers parcels transported | Number | 12,040 | 10,652 | 18,784 | 8,700 | 9,130 | 113,448 |
| Post Mini Bus Services: | Number | | | | | | |
| No. of letters bag transported | Number | 193 | 24,095 | 849 | 714 | 9,576 | - |
| Express Money Orders (EMO) issued | Number | 4,717 | 3,087 | 2,034 | 845 | 58,423 | 272 |
| Express Money Orders (EMO) paid | | 17,397 | 516 | 555 | - | - | - |
| Speed Cash/Interstate Money Orders (IMO) | | | | | | | |
| Sent | Number | 998 | 369 | 478 | 325 | 221 | 220 |
| Received | Number | 217 | 77 | 83 | 227 | 283 | 116 |
| Postal Order sold | Number | 633 | 414 | 684 | 261 | 251 | 107 |
| Postal Order paid | Number | 1,662 | 252 | 166 | 67 | 25 | 18 |
| Savings Bank Transactions | | | | | | | |
| Amana (Deposit) | Number | 13,438 | 6,260 | 21,491 | 12,732 | 21,541 | 261,423 |
| Withdrawal | Number | 72,358 | 17,527 | 37,556 | 12,807 | 18,098 | 45,449 |

**Source:** Economic Survey

**Table J. 12: Telecommunication Services; Tanzania, 2016**

**Number**

| Level | Type of Operation | | | | | |
|---|---|---|---|---|---|---|
| | **Fixed line** | **Mobile** | **Data Operator** | **Internet** | **Television** | **Radio** |
| **Public (total)** | **2** | **1** | **10** | **2** | **5** | **2** |
| National (Total) | 2 | 1 | - | - | 5 | 2 |
| Mainland | 1 | - | - | - | 5 | 2 |
| Zanzibar | 1 | 1 | - | - | - | - |
| Regional | - | - | 10 | 2 | - | - |
| District | - | - | - | - | - | - |
| **Private (total)** | **-** | **3** | **10** | **17** | **24** | **52** |
| National (Total) | | 3 | - | - | - | 3 |
| Mainland | - | 3 | - | - | - | 3 |
| Zanzibar | - | - | - | - | - | - |
| Regional | - | - | 10 | 17 | 2 | 7 |
| District | - | - | - | - | 22 | 42 |
| **Public and Private (total)** | **2** | **4** | **20** | **19** | **29** | **54** |
| National (Total) | 2 | 4 | - | - | 5 | 5 |
| Mainland | 1 | 3 | - | - | 5 | 5 |
| Zanzibar | 1 | 1 | - | - | - | - |
| Regional | - | - | 20 | 19 | 2 | 7 |
| District | - | - | - | - | 22 | 42 |

**Source:** Tanzania Communications Regulatory Authority

**Table J. 13: Phones; Number of Subscribers per Service Provider; Tanzania, 2010 - 2016**

**Number**

| Company | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|
| **Mobiles** | | | | | | | |
| Tigo | 4,477,510 | 5,450,766 | 6,244,050 | 6,297,288 | 8,624,638 | 10,639,610 | 11,677,344 |
| Vodacom | 8,670,536 | 11,625,775 | 8,967,269 | 10,288,972 | 11,810,064 | 12,520,645 | 12,419,425 |
| Airtel | 6,021,091 | 6,993,418 | 8,001,689 | 8,995,824 | 9,551,977 | 10,887,742 | 10,456,117 |
| Zantel | 1,715,985 | 1,524,601 | 2,479,505 | 1,814,444 | 1,730,105 | 1,563,503 | 1,083,157 |
| Benson/Smart | 2,396 | 1,558 | 924 | 528 | 528 | 528 | 803,251 |
| TTCL Mobile | 246,019 | 225,578 | 60,887 | 210,766 | 296,618 | 165,460 | 166,383 |
| Sasatel | 24,827 | 5,824 | 4,810 | - | 0 | 0 | 0 |
| Hallotel | - | - | - | - | - | - | 3,438,509 |
| **Sub-Total** | **21,158,364** | **25,827,520** | **25,759,134** | **27,607,822** | **32,013,930** | **35,777,488** | **40,044,186** |
| **Fixed Line Customers** | | | | | | | |
| TTCL | 159,054 | 159,364 | 160,012 | 158,935 | 140,391 | 140,391 | 127,112 |
| ZANTEL | 15,457 | 1,699 | 8,953 | 6,064 | 10,833 | 10,833 | 24,585 |
| **Sub-Total** | **174,511** | **161,063** | **168,965** | **164,999** | **151,224** | **151,224** | **151,697** |
| **Total** | **21,332,875** | **25,988,583** | **25,928,099** | **27,772,821** | **32,165,154** | **35,928,712** | **40,195,883** |

# K:

# CURRENCY AND BANKING

# K. Currency and Banking

## Currency

The currency circulating in the United Republic of Tanzania was first issued by the Bank of Tanzania on 14th June 1966. It replaced the Common East African currency which was being issued by the East African Currency Board for circulation in Kenya, Uganda and Tanzania. The unit of account of the Tanzania currency is the Tanzanian shilling (TZS). It is used in denomination of TZS: 10,000; 5,000; 2,000; 1,000 and 500 for bank notes and TZS: 500; 200; 100; 50; 20; 10 and 5 for coins.

## Banking

As the Central Bank of the country, the Bank of Tanzania which was established in 1966 issues the currency in circulation, regulates banking and credit, and manages Tanzania's foreign exchange reserves. It is also the government's banker and fiscal agent and it manages the public debt.

**Table K. 1: Assets and Liabilities of Bank of Tanzania, Tanzania, 2012– 2016**

**Mill. TZS**

| Type | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|
| **Assets** | | | | | |
| Foreign exchange | 5,975,337.8 | 6,985,289.2 | 7,216,136.4 | 8,487,183.4 | 9,249,632.7 |
| Gold reserve | 0 | 0 | 0 | 0 | 0 |
| SDRs | 373,865.6 | 370,712.0 | 335,250.8 | 275,699.4 | 55,757.0 |
| Quota in IMF | 480,434.1 | 483,524.4 | 496,585.1 | 592,796.0 | 1,159,672.3 |
| Claims on Government (total) | 1,756,609.3 | 2,053,048.6 | 2,345,877.7 | 3,001,710.8 | 2,976,401.3 |
| Other securities | 1,485,742.0 | 1,486,018.8 | 1,554,085.2 | 1,613,807.69 | 1,607,472.98 |
| Lending to banks | 68,813.9 | 60,533.2 | 56,033.2 | 147,083.17 | 246,297.72 |
| Revaluation account | -904,076.2 | -820,938.6 | -914,901.0 | -1,039,215.74 | -1,520,586.49 |
| Premises and equipment | 1,010,802.8 | 1,033,606.2 | 1,031,939.0 | 1,047,333.21 | 1,210,493.05 |
| Items in process of collection | 556.1 | 216.6 | 657.5 | 125.32 | 0.00 |
| Other assets | 1,118,360.0 | 1,013,233.3 | 1,263,383.4 | 1,253,597.79 | 1,732,111.7 |
| **Total** | **11,366,445.4** | **12,665,243.7** | **13,385,047.3** | **13,766,313.6** | **15,109,779.5** |
| **Liabilities** | | | | | |
| Currency in Circulation | 2,909,997.8 | 3,324,794.6 | 3,828,376.6 | 4,431,833.2 | 4,305,464.2 |
| Central Government deposits | 1,879,286.7 | 2,550,655.3 | 1,962,496.7 | 1,272,358.7 | 2,305,405.0 |
| Bank deposits | 1,894,954.6 | 2,034,705.2 | 2,488,270.6 | 3,419,493.4 | 2,998,815.6 |
| Other deposits | 205,374.2 | 19,956.3 | 182,090.6 | 280,626.2 | 1,085,045.4 |
| Foreign Liabilities | 185.7 | 7,421.4 | 9,336.8 | 23,423.7 | 14,815.9 |
| IMF | 978,295.4 | 1,181,472.7 | 1,182,569.8 | 1,236,275.9 | 1,590,752.8 |
| Allocation of SDRs | 460,171.9 | 463,131.8 | 475,641.7 | 567,794.9 | 555,381.7 |
| Other liabilities | 1,452,437.5 | 1,498,411.9 | 1,602,092.3 | 2,434,507.5 | 2,149,207.9 |
| Capital and reserve | 99,999.8 | 98,675.7 | 100,087.7 | 100,000.0 | 104,891.1 |
| **Total Liabilities** | **9,880,703.4** | **11,179,224.9** | **11,830,962.8** | **13,766,313.7** | **15,109,779.5** |

**Source:** Bank of Tanzania (Economic Bulletin September 2011, March 2013, December 2014 and March 2017)

**Table K. 2: Tanzania Currency in Circulation at the End of December, Tanzania, 2003 – 2016**

**Mill. TZS**

| Unit or Base Year | Coins Total | Bank Notes | | | | | | | | Total Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 10/= | 20/= | 200/= | 500/= | 1,000/= | 2,000 /= | 5,000/= | 10,000/= | |
| **Period** | | | | | | | | | | |
| 2003 | 17,138.7 | 99.7 | 498.0 | 1,978.0 | 37,760.4 | 40,775.6 | 38,542.2 | 154,817.8 | 314,648.6 | 589,120.3 |
| 2004 | 17,935.2 | 99.7 | 497.8 | 1,974.2 | 36,901.9 | 54,312.0 | 60,871.6 | 132,013.8 | 421,347.4 | 708,018.4 |
| 2005 | 22,084.6 | 99.7 | 497.8 | 1,971.0 | 36,808.7 | 41,682.9 | 65,332.1 | 184,512.8 | 579,825.7 | 910,730.7 |
| 2006 | 25,110.1 | 99.7 | 497.8 | 1,970.6 | 36,863.8 | 47,303.0 | 65,568.1 | 188,248.6 | 736,620.7 | 1,077,172.3 |
| 2007 | 28,301.0 | 99.7 | 497.8 | 1,970.0 | 41,057.0 | 63,285.4 | 107,542.4 | 237,656.2 | 873,664.5 | 1,325,772.8 |
| 2008 | 32,041.3 | 99.7 | 497.8 | 1,969.7 | 44,209.9 | 75,479.4 | 81,643.0 | 257,586.4 | 1,216,469.3 | 1,678,036.1 |
| 2009 | 34,985.7 | 99.7 | 497.7 | 1,969.5 | 40,789.5 | 86,025.2 | 64,538.8 | 257,629.6 | 1,410,502.1 | 1,862,052.0 |
| 2010 | 38,221.3 | 99.7 | 497.8 | 1,969.1 | 42,423.1 | 84,097.4 | 101,938.6 | 416,550.9 | 1,612,837.2 | 2,260,413.7 |
| 2011 | 41,809.1 | 99.7 | 497.7 | 1,969.0 | 51,519.0 | 83,793.4 | 111,196.0 | 420,406.8 | 1,982,878.0 | 2,652,359.4 |
| 2012 | 58,451.3 | 100.1 | 498.3 | 2,001.8 | 376,213.7 | 627,706.0 | 1,037,263.2 | 2,363,220.2 | 5,861,017.8 | 10,268,021.0 |
| 2013 | 51,373.2 | 100.1 | 497.7 | 1,968.0 | 57,544.7 | 99,078.4 | 141,056.3 | 553,031.7 | 2,467,015.3 | 3,320,291.9 |
| 2014 | 57,986.8 | 97.7 | 497.7 | 1,967.9 | 56,809.6 | 120,860.2 | 165,086.2 | 508,703.7 | 2,914,805.3 | 3,768,830.4 |
| 2015 | 66,230.8 | 99.69 | 497.7 | 1 ,967.4 | 66,216.4 | 141,908.3 | 137,161.4 | 664,340.2 | 3,011,551.69 | 4,023,742.85 |
| 2016 | 86,188.5 | 99.69 | 497.7 | 1,967.4 | 35,961.3 | 137,203.1 | 168,534.6 | 720,628.2 | 3,173,144.16 | 4,238036.11 |
| **2012 Quarters** | | | | | | | | | | |
| March | 42,736.8 | 99.7 | 497.7 | 1,968.9 | 50,136.0 | 71,295.2 | 96,917.6 | 348,992.4 | 1,880,539.6 | 2,450,447.1 |
| June | 44,103.7 | 99.7 | 497.7 | 1,968.9 | 50,736.0 | 77,742.7 | 112,045.5 | 457,103.5 | 1,960,916.0 | 2,661,109.9 |
| September | 37,443.0 | 99.7 | 497.7 | 1,969.2 | 43,141.6 | 83,707.5 | 74,597.1 | 299,342.9 | 1,711,503.3 | 2,214,859.1 |
| December | 58,451.3 | 100.1 | 498.3 | 2,001.8 | 376,213.7 | 627,706.0 | 1,037,263.2 | 2,363,220.2 | 5,861,017.8 | 10,268,021.0 |
| **2013 Quarters** | | | | | | | | | | |
| March | 58,451.3 | 99.7 | 497.7 | 1,968.9 | 370,644.7 | 683,347.0 | 1,078,977.6 | 2,232,260.5 | 5,580,653.3 | 9,948,473.1 |
| June | 58,451.3 | 99.7 | 497.7 | 1,968.8 | 366,794.7 | 740,047.0 | 1,071,421.7 | 1,994,582.0 | 5,163,939.0 | 9,339,374.4 |
| September | 50,217.3 | 99.7 | 497.7 | 1,969.2 | 57,059.5 | 94,638.3 | 146,719.6 | 520,602.6 | 2,315,385.5 | 3,136,971.0 |
| December | 51,373.2 | 100.1 | 498.3 | 2,001.8 | 57,544.7 | 99,078.4 | 141,056.3 | 553,031.7 | 2,467,015.3 | 3,320,291.9 |

**Table K. 2 (ctd): Tanzania Currency in Circulation at the End of December, Tanzania, 2002 –2016**

**Mill. TZS**

| Unit or Base Year | Coins Total | Bank Notes | | | | | | | | Total Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 10/= | 20/= | 200/= | 500/= | 1,000/= | 2,000 /= | 5,000/= | 10,000/= | |
| **2014 Quarters** | | | | | | | | | | |
| March | 51,720.0 | 99.7 | 497.7 | 1,968.0 | 52,268.7 | 92,190.2 | 118,022.0 | 470,793.4 | 2,388,464.3 | 3,124,303.9 |
| June | 58,033.5 | 99.7 | 497.7 | 1,968.0 | 51,399.0 | 103,567.7 | 132,727.6 | 616,848.9 | 2,642,783.1 | 3,549,891.6 |
| September | 58,033.2 | 99.7 | 497.7 | 1,968.0 | 57,567.2 | 119,382.4 | 141,219.6 | 548,256.4 | 2,730,305.2 | 3,599,296.1 |
| December | 57,986.8 | 99.7 | 497.7 | 1,967.9 | 56,809.6 | 120,860.2 | 165,086.2 | 508,703.7 | 2,914,805.3 | 3,768,830.4 |

**Source:** Bank of Tanzania (September 2011, March 2013, December 2014 and March 2017)

**Table K. 3: Official and Forex Bureau Exchange Rates (Mean Selling Rates in TZS), Tanzania, 2000 - 2012**

| End of Period | US Dollar Bureau Rate* | Official Exchange Rate | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Pound Sterling | US Dollar | Deutsch Mark | Swiss Francs | Dutch Guilder | French Francs | Belgium Francs | Italian Lire | Swedish Kroner | Japanese Yen | Euro |
| 2000 | 807.7 | 1,194.5 | 803.2 | 382.9 | 493 | 339.8 | 114.1 | 18.5 | 0.3 | 84.6 | 7.0 | 748.9 |
| 2001 | 877.3 | 1,330.2 | 916.3 | 415.2 | 548.5 | 368.5 | 123.8 | 20.1 | 0.4 | 87.2 | 7.0 | 812.0 |
| 2002 | 979.1 | 1,565.3 | 976.3 | 440.5 | 703.9 | 391.0 | 131.3 | 21.4 | 0.4 | 111.8 | 8.2 | 1,023.3 |
| 2003 | 1,049.6 | 1,894.2 | 1,063.6 | 479.9 | 857.3 | 425.9 | 143.1 | 23.3 | 0.5 | 147.3 | 9.9 | 1,337.2 |
| 2004 | 1,100.9 | 2,009.3 | 1,043.0 | 470.6 | 920.8 | 417.7 | 140.3 | 22.8 | 0.5 | 157.5 | 10.2 | 1,420.6 |
| 2005 | 1,139.1 | 2,012.6 | 1,165.5 | 525.9 | 889.8 | 466.7 | 156.8 | 25.5 | 0.5 | 147.1 | 9.9 | 1,384.7 |
| 2006 | 1,263.4 | 2,479.5 | 1,261.6 | 569.3 | 1,034.2 | 505.2 | 169.7 | 27.6 | 0.6 | 183.8 | 10.6 | 1,662.0 |
| 2007 | 1,263.3 | 2,262.5 | 1,132.1 | 510.8 | 1,008.2 | 453.4 | 152.3 | 24.8 | 0.5 | 177.2 | 10.1 | 1,669.4 |
| 2008 | 1,221.1 | 1,498.8 | 1,280.3 | 577.7 | 1,210.6 | 512.7 | 172.2 | 28.0 | 0.6 | 165.0 | 14.2 | 1,803.3 |
| 2009 | 1,335.9 | 2,113.0 | 1,353.6 | 592.7 | 1,266.3 | 526.0 | 176.7 | 28.7 | 0.6 | 183.4 | 14.2 | 1,877.0 |
| 2010 | 1,454.7 | 2,262.0 | 1,455.2 | 620.0 | 1,556.0 | 582.7 | 195.8 | 31.8 | 0.7 | 216.5 | 17.9 | 1,934.6 |
| 2011 | 1,561.2 | 2,438.3 | 1,571.7 | 669.7 | 1,670.0 | 629.4 | 211.5 | 34.4 | 0.7 | 228.0 | 20.4 | 2032.2 |
| 2012 | 1,568.0 | 2,566.5 | 1,572.2 | 669.7 | 1,724.6 | 629.6 | 211.5 | 34.4 | 0.7 | 243.2 | 18.0 | 2084.2 |

* Period Average Exchange

**Source:** Bank of Tanzania (Economic Bulletin December 2007, March 2009, September 2011, March 2013 and December 2014)

**Table K. 4: Selected Exchange Rates-Currency Units per US Dollar (period average), 2001 - 2008**

| Period | Pound Sterling | Deutsch Mark | Swiss Francs | French Francs | Japanese Yen | Belgium Francs | Italian Lire | Dutch Guilder | Swedish Kroner | Euro |
|---|---|---|---|---|---|---|---|---|---|---|
| 2001 | 0.6944 | 2.1840 | 1.6868 | 7.3249 | 121.4601 | 45.0467 | 2,162.1880 | 2.4608 | 10.3307 | 1.1167 |
| 2002 | 0.6666 | 2.2196 | 1.5572 | 7.4442 | 125.2566 | 45.7801 | 2,197.3919 | 2.5009 | 9.7207 | 1.0614 |
| 2003 | 0.6124 | 2.2163 | 1.3456 | 7.4330 | 115.9469 | 45.7112 | 2,194.0867 | 2.4971 | 8.0832 | 0.8859 |
| 2004 | 0.5460 | 2.2163 | 1.2429 | 7.4385 | 108.1147 | 45.7112 | 2,194.0867 | 2.4971 | 7.1908 | 0.8050 |
| 2005 | 0.3889 | 2.2089 | 1.2462 | 7.4082 | 110.2920 | 45.5618 | 2,186.9137 | 2.4888 | 7.0983 | 0.8029 |
| 2006 | 0.5410 | 2.2380 | 1.2476 | 7.4220 | 115.8541 | 45.6434 | 2,190.8314 | 2.4934 | 7.3494 | 0.7940 |
| 2007 | 0.4996 | 2.2163 | 1.1995 | 7.4330 | 117.6693 | 45.7112 | 2,194.0871 | 2.4971 | 6.7585 | 2.1534 |
| 2008 | 0.5535 | 2.2170 | 1.0771 | 7.4354 | 102.8248 | 45.7262 | 2,194.8033 | 2.4979 | 6.6684 | 2.0797 |

**Source:** Bank of Tanzania (Economic Bulletin December 2007 and March 2009)

**Table K. 5: Foreign Reserve Position; Tanzania, 2000-2014**

| End of Period | Bank of Tanzania | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Foreign Exchange | | | Gold Reserve | Other Foreign | | | | |
| | Assets | Liabilities | Net | | Assets | SDRs | RPF | UFC | Total |
| 2000 | 746,359.4 | 86,480.3 | 659,879.1 | 25,352.6 | 163.5 | 314.4 | 10,480.1 | 260,261.6 | 435,928.0 |
| 2001 | 1,018,504.3 | 60,795.1 | 957,709.2 | 29,013.3 | 398.9 | 345.2 | 11,505.2 | 312,045.3 | 686,926.0 |
| 2002 | 1,452,214.4 | 78,454.8 | 1,373,759.6 | 26,926.4 | 276.8 | 101.6 | 13,229.5 | 392,046.2 | 1,022,247.6 |
| 2003 | 2,151,229.3 | 208,727.6 | 1,942,501.7 | 0 | 183.4 | 525.0 | 15,470.4 | 455,220.2 | 1,503,460.3 |
| 2004 | 2,377,981.2 | 239,810.3 | 2,138,170.9 | 0 | 561.0 | 73.5 | 16,143.4 | 439,663.0 | 1,715,285.8 |
| 2005 | 2,523,107.7 | 361,351.1 | 2,161,756.6 | 0 | 349.7 | 821.8 | 16,656.3 | 399,137.1 | 1,780,447.3 |
| 2006 | 2,831,390.1 | 318,752.6 | 2,512,637.5 | 0 | 994.5 | 28.3 | 18,964.5 | 15,930.2 | 2,516,694.6 |
| 2007 | 3,249,577.7 | 168,224.4 | 3,081,353.3 | 0 | 724.1 | 124.8 | 17,869.8 | 20,014.2 | 3,080,057.9 |
| 2008 | 3,684,717.6 | 269,402.8 | 3,415,314.8 | 0 | 1,224.5 | -359.9 | 20,138.0 | 22,682.6 | 3,413,634.8 |
| 2009 | 4,670,324.6 | 825,323.3 | 3,845,001.2 | 0 | 4,844.1 | 325,589.8 | 27,478.6 | 432,562.1 | 4,635,475.8 |
| 2010 | 5,704,951.4 | 944,375.2 | 4,760,576.2 | 0 | 5,272.6 | 354,421.5 | 22,385.0 | 514,205.5 | 5,656,860.8 |
| 2011 | 5,867,546.9 | 1,004,357.1 | 4,863,189.8 | 0 | 1,055.6 | 375,910.7 | -700.9 | 549,138.6 | 5,866,491.4 |
| 2012 | 6,396,422.4 | 1,011,099.5 | 5,385,322.9 | 0 | 2,919.8 | 373,865.6 | 48,877.6 | 546,738.4 | 6,393,502.6 |
| 2013 | 7,384,214.6 | 1,196,714.9 | 6,187,499.7 | 797.3 | 2,526.5 | 370,712.0 | 28,213.4 | 726,161.7 | 7,381,688.1 |
| 2014 | 7,565,859.6 | 1,185,435.5 | 6,380,424.1 | 0 | 3,170.7 | 335,250.8 | 14,472.4 | 700,457.1 | 7,562,688.9 |

**Table K.5 (ctd): Foreign Reserve Position; Tanzania, 2000-2014**

| End of Period | Net Official Position | Commercial Banks | | | | | | Total Net Position |
|---|---|---|---|---|---|---|---|---|
| | | Liquid Foreign | | | Other Foreign | | Net Foreign Assets | |
| | | Assets | Liabilities | Net | Assets | Liabilities | | |
| 2000 | 435,928.0 | 398,949.4 | 4,056.4 | 394,893.0 | 12,040.8 | 106.8 | 406,827.0 | - |
| 2001 | 686,926.5 | 499,433.8 | 3,015.1 | 496,418.7 | 39,628.8 | 13,154.6 | 522,892.9 | - |
| 2002 | 1,022,247.6 | 547,210.4 | 5,542.9 | 541,667.6 | 24,362.2 | 29,650.2 | 536,379.6 | 2,089,328.0 |
| 2003 | 1,503,460.3 | 657,754.9 | 6,321.9 | 651,433.0 | 27,733.4 | 554.6 | 678,611.8 | 2,805,230.0 |
| 2004 | 1,715,285.8 | 589,333.9 | 19,042.1 | 570,291.8 | 78,337.4 | - | 648,629.2 | 2,956,833.0 |
| 2005 | 1,780,447.3 | 642,555.0 | 27,571.8 | 614,983.2 | 75,058.6 | 27,663.2 | 662,378.6 | 3,085,099.0 |
| 2006 | 2,516,694.6 | 1,052,506.9 | 64,041.5 | 988,465.4 | 72,863.7 | 12,000.0 | 1,049,329.1 | 3,660,189.0 |
| 2007 | 3,080,057.9 | 852,722.3 | 199,589.8 | 653,132.5 | 27,104.3 | 82,266.5 | 597,970.3 | 3,655,916.0 |
| 2008 | 3,413,634.8 | 726,418.8 | 73,930.7 | 652,488.0 | 44,942.8 | 95,624.3 | 601,806.5 | 4,149,757.0 |
| 2009 | 4,635475.8 | 1,040,125.4 | 121,488.1 | 918,637.3 | 254,471.2 | 78,598.7 | 1,094,509.8 | 5,729,985.0 |
| 2010 | 5,656,860.8 | 1,353,121.8 | 146,511.8 | 1,206,610.0 | 188,971.6 | 69,899.0 | 1,325,682.6 | 6,982,543.0 |
| 2011 | 5,317,352.8 | 1,505,320.6 | 226,393.5 | 1,278,927.2 | 191,567.7 | 60,053.9 | 1,410,441.3 | 6,273,631.2 |
| 2012 | 5,846,764.2 | 1,260,420.2 | 274,789.9 | 985,630.3 | 133,720.7 | 103,647.9 | 1,010,703.1 | 6,396,026.0 |
| 2013 | 6,655,526.4 | 1,234,830.5 | 573,582.3 | 661,248.2 | 134,325.3 | 406,741.4 | 388,832.1 | 6,576,331.8 |
| 2014 | 6,862,231.9 | 1,206,352.7 | 670,207.9 | 536,144.7 | 104,340.8 | 469,409.6 | 171,075.9 | 6,551,499.9 |

**Source:** Bank of Tanzania (Economic Bulletin December 2007, March 2009, December 2014and Annual Report 2010/11)
**Note:** SDRs-Special Drawing Rights, RPF-Reserve Position in the Fund, UFC-Use of Fund Credit

**Table K. 6: Average Nominal Interest Rates; Tanzania, 2006 – 2013**

**Percentage**

| Type | End of June | | | | | | | | End-Dec 2013 |
|---|---|---|---|---|---|---|---|---|---|
| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013p | |
| Discount rate (Central Bank) | 13.40 | 21.42 | 12.84 | 10.30 | 7.58 | 7.58 | 12.00 | 12.00 | 16.65 |
| **Deposit Rates** | | | | | | | | | |
| Savings | 2.50 | 2.63 | 2.79 | 2.70 | 2.82 | 2.39 | 2.88 | 3.05 | 3.04 |
| Fixed deposits(3-6 months) | 6.60 | 8.96 | 6.66 | 6.77 | 5.88 | 6.06 | 8.56 | 8.65 | 8.71 |
| **Lending Rates** | | | | | | | | | |
| Short–term | 15.80 | 13.95 | 13.93 | 14.60 | 13.92 | 14.71 | 13.92 | 14.25 | 13.78 |
| Medium and long term | 14.53 | 16.13 | 16.64 | 15.50 | 14.73 | 14.66 | 15.65 | 14.91 | 16.71 |
| **Treasury Bills** | | | | | | | | | |
| 91 days | 7.80 | 12.62 | 5.76 | 5.60 | 2.89 | 3.74 | 13.39 | 11.86 | 13.62 |
| 182 days | 8.50 | 16.74 | 7.63 | 7.90 | 2.59 | 4.83 | 13.52 | 13.98 | 15.46 |
| 364 days | 9.60 | 18.30 | 10.00 | 9.10 | 6.08 | 6.46 | 14.44 | 14.64 | 15.63 |

**Source:** Bank of Tanzania

**Table K. 7: Commercial Banks Assets; Tanzania, at the End of December 2011- 2016**

**Mill. TZS**

| Type | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|
| **Assets** | | | | | | |
| **Domestic assets:** | | | | | | |
| Cash | 458,339.7 | 495,209.7 | 560,831.6 | 583,651.7 | 753,329.71 | 696,753.79 |
| Deposits with BoT | 1,716,218.7 | 1,785,793.4 | 1,954,249.3 | 2,450,986.8 | 3,254,338.97 | 2,941,613.77 |
| Treasury Security* | 2,040,559.3 | 2,877,270.9 | 3,700,292.0 | 3,913,908.7 | 3,727,326.72 | 4,058,080.75 |
| Other Govt. securities | 37,407.2 | 52,666.8 | 33,052.0 | 51,015.0 | 64,553.58 | 109,644.44 |
| Loans and Bills | 7,723,629.9 | 9,243,521.7 | 10,631,959.2 | 12,766,058.8 | 15,807,127.5 | 16,917,589.95 |
| Other | 900,196.5 | 1,218,284.2 | 1,337,929.5 | 1,363,252.1 | 1,472,816.5 | 1,546,301.9 |
| **Sub total** | **12,876,351.30** | **15,672,746.70** | **18,218,313.60** | **21,128,873.10** | **25,079,492.98** | **26,269,984.60** |
| **Foreign assets:** | | | | | | |
| Liquid | 1,505,320.6 | 1,260,420.2 | 1,234,830.5 | 1,206,352.7 | 1,643,062.33 | 1,339,801.80 |
| Other | 191,567.7 | 133,720.7 | 134,325.3 | 104,340.8 | 531,390.26 | 329,149.08 |
| Fixed assets | 634,533.4 | 734,604.6 | 838,798.7 | 996,938.9 | 1,205,745.33 | 1,518,670.15 |
| **Sub total** | **2,331,421.70** | **2,128,745.50** | **2,207,954.50** | **2,307,632.40** | **3,380,197.92** | **3,187,621.03** |
| **Total** | **15,207,773.0** | **17,806,492.1** | **20,426,268.1** | **23,436,505.5** | **28,459,690.90** | **29,457,605.63** |

* Previously known as Treasury Bills

**Source:** Bank of Tanzania (Economic Bulletin September 2011, March 2013 and December 2014, March 2017)

**Table K. 8: Commercial Banks Lending by Economic Activity, Tanzania, 2012 - 2016**

**Mill. TZS**

| Type of Activity | 2012 | 2013 | 2014 | 2015 | 2016 | Percent Change 2015/16 | Contribution Percent Share |
|---|---|---|---|---|---|---|---|
| Agriculture, hunting and forest | 895,903.4 | 1,027,168.9 | 1,111,293.4 | 1,206,262.1 | 1,131,885.4 | -6.2 | 7.1 |
| Fishing | 42,932.40 | 34,681.10 | 36,875.00 | 43,515.80 | 48,400.10 | 11.2 | 0.3 |
| Financial intermediaries | 231,269.4 | 251,255.0 | 302,707.9 | 404,605.8 | 388,745.2 | -3.9 | 2.4 |
| Mining and quarrying | 55,158.0 | 96,739.0 | 85,848.0 | 275,233.3 | 328,620.4 | 19.4 | 2.1 |
| Manufacturing | 991,795.9 | 1,160,593.7 | 1,423,823.1 | 1,695,767.4 | 1,627,766.0 | -4.0 | 10.2 |
| Building and construction | 410,748.0 | 514,408.4 | 653,706.5 | 741,401.0 | 740,726.8 | -0.1 | 4.6 |
| Real estate and leasing | 393,644.9 | 506,417.6 | 606,952.9 | 729,423.8 | 867,611.2 | 18.9 | 5.4 |
| Transport and communication | 610,053.9 | 727,538.0 | 948,015.0 | 1,231,132.0 | 1,180,904.6 | -4.1 | 7.4 |
| Trade | 1,843,242.7 | 2,162,191.4 | 2,629,358.9 | 3,077,683.0 | 3,349,328.7 | 8.8 | 20.9 |
| Tourism | 60,152.3 | 113,394.5 | 151,009.0 | 176,626.3 | 198,482.0 | 12.4 | 1.2 |
| Hotel and restaurants | 363,033.4 | 371,008.5 | 438,838.9 | 514,642.0 | 526,390.2 | 2.3 | 3.3 |
| Warehouses and preservation | 23,301.8 | 17,993.3 | 32,501.1 | 20,645.5 | 16,789.0 | -18.7 | 0.1 |
| Electricity | 338,035.1 | 403,022.7 | 438,320.7 | 439,801.0 | 429,919.2 | -2.2 | 2.7 |
| Gas | 130,583.4 | 209,267.1 | 180,789.1 | 342,376.6 | 459,273.3 | 34.1 | 2.9 |
| Water | 3,455.8 | 4,129.7 | 4,527.6 | 15,398.4 | 14,780.6 | -4.0 | 0.1 |
| Education | 183,637.7 | 286,542.3 | 414,041.6 | 514,186.7 | 593,996.8 | 15.5 | 3.7 |
| Health | 42,463.6 | 52,125.5 | 95,928.0 | 123,325.3 | 113,503.7 | -8.0 | 0.7 |
| Personal and other services | 2,058,497.8 | 2,259,829.0 | 2,500,172.8 | 3,665,631.4 | 3,987,374.3 | 8.8 | 24.9 |
| **Total** | **8,677,909.6** | **10,198,305.8** | **12,154,709.6** | **15,217,657.4** | **16,004,497.5** | **5.2** | **100.0** |

**Source:** Bank of Tanzania Economic Bulletin March, 2017

## Table K. 9: Commercial Bank's Deposits 2012-2016

**Mill. TZS**

| End of period | Central Government | State and Local Government | Other Financial Corporations | Public Non Finanacial Corporation | Other Non Finanacial Corporation | Other Residents | Other Depository Corporation | Deposits of Non-residents | Total | of which | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | Transferrable Deposits in National Currency | Other Deposits in National Currency* | Foreign Currency Deposits |
| 2012 | 732,515 | 540,378 | 1,114,929 | 389,461 | 159,696 | 9 ,906,052 | 320,734 | 250,909 | 13,414,676 | 4,819,967 | 4,190,178 | 4,404,531 |
| 2013 | 791,803 | 602,217 | 1,143,523 | 692,667 | 193,905 | 10,690,588 | 465,961 | 542,898 | 15,123,562 | 5,113,565 | 4,807,640 | 5,202,357 |
| 2014 | 808,422 | 379,796 | 1,351,803 | 577,738 | 310,323 | 12,576,262 | 406,834 | 618,951 | 17,030,129 | 5,657,525 | 5,627,920 | 5,744,684 |
| 2015 | 856,925 | 423,967 | 1,444,182 | 720,606 | 253,564 | 15,318,414 | 490,131 | 558,479 | 20,066,269 | 6,511,815 | 6,167,666 | 7,386,789 |
| 2016 | 577,789 | 478,711 | 1,578,544 | 456,830 | 249,859 | 15,424,762 | 576,801 | 413,907 | 19,757,203 | 6,655,153 | 6,473,659 | 6,628,390 |
| 2016-January | 1,033,454 | 415,788 | 1,463,732 | 691,911 | 393,592 | 14,880,612 | 510,432 | 575,094 | 19,964,615 | 6,437,139 | 6,222,417 | 7,305,060 |
| February | 821,781 | 429,848 | 1,411,753 | 716,878 | 294,684 | 15,166,961 | 549,505 | 559,850 | 19,951,259 | 6,427,631 | 6,332,103 | 7,191,526 |
| March | 923,588 | 445,414 | 1,449,575 | 647,374 | 254,101 | 14,833,533 | 526,010 | 622,016 | 19,701,612 | 6,503,929 | 6,171,160 | 7,026,524 |
| April | 887,964 | 449,388 | 1,524,879 | 604,729 | 263,844 | 15,145,524 | 447,847 | 651,189 | 19,975,365 | 6,650,867 | 6,237,541 | 7,086,956 |
| May | 866,029 | 447,480 | 1,400,155 | 541,704 | 281,969 | 15,288,856 | 475,066 | 336,868 | 19,638,129 | 6,494,455 | 6,261,417 | 6,882,257 |
| June | 840,022 | 490,907 | 1,337,090 | 482,588 | 282,649 | 15,457,630 | 520,551 | 423,817 | 19,835,253 | 6,560,060 | 6,315,665 | 6,959,528 |
| July | 823,213 | 479,286 | 1,354,600 | 539,016 | 294,014 | 15,313,727 | 542,041 | 333,709 | 19,679,605 | 6,357,878 | 6,223,164 | 7,098,562 |
| August | 801,945 | 474,566 | 1,415,040 | 562,558 | 279,064 | 15,394,285 | 549,685 | 363,846 | 19,840,988 | 6,473,071 | 6,259,996 | 7,107,922 |
| September | 744,834 | 406,217 | 1,423,305 | 570,336 | 287,328 | 15,241,675 | 644,721 | 377,356 | 19,695,772 | 6,386,450 | 6,370,861 | 6,938,461 |
| October | 696,106 | 444,233 | 1,528,900 | 494,454 | 272,735 | 15,285,043 | 488,419 | 386,269 | 19,596,160 | 6,464,739 | 6,380,173 | 6,751,248 |
| November | 674,699 | 416,063 | 1,539,916 | 443,191 | 278,365 | 15,470,117 | 475,373 | 424,086 | 19,721,809 | 6,606,975 | 6,512,849 | 6,601,985 |
| December | 577,789 | 478,711 | 1,578,544 | 456,830 | 249,859 | 15,424,762 | 576,801 | 413,907 | 19,757,203 | 6,655,153 | 6,473,659 | 6,628,390 |
| 2017-January | 587,958 | 518,324 | 1,557,107 | 481,167 | 300,521 | 15,339,191 | 558,745 | 462,049 | 19,805,061 | 6,701,049 | 6,319,522 | 6,784,490 |
| February | 536,016 | 504,795 | 1,658,700 | 492,345 | 280,848 | 15,073,065 | 608,406 | 420,199 | 19,574,373 | 6,647,171 | 6,078,941 | 6,848,262 |
| March | 649,211 | 519,665 | 1,548,379 | 466,796 | 281,874 | 15,426,556 | 586,002 | 445,401 | 19,923,883 | 6,516,950 | 6,620,160 | 6,786,773 |

**Source:** Bank of Tanzania Economic Bulletin March, 2017

# L:

# EDUCATION

# L. Education

## General Information

Education services in Tanzania are provided at different levels. These are pre-primary, primary, secondary and tertiary levels. Pre-primary education is for children of ages five or six years. It lasts for two years with no examinations for promotion purpose. The primary education lasts for seven years in Tanzania Mainland and six years in Tanzania Zanzibar education cycle after pre-primary eduction. It is universal and compulsory to all children from the age of six/seven years. The formal secondary school education consists of two sequential cycles. The first cycle is a four year ordinary level (Form I to Form IV). The second cycle is a two year advanced level (Form V to Form VI). It should also be noted that there are also vocational training programs after completion of Form Four and Form Six education where a certificate or diploma can be obtained in various fields. Education data are collected by the Ministry of Education, Science, Technology and Vocational Training through an annual survey of educational institutions.

**Table L. 1: Number of Public and Private Schools by Region, Tanzania Mainland, 2010- 2016**

**Number**

| Region | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|
| Dodoma | 726 | 724 | 734 | 754 | 669 | - | 757 |
| Arusha | 569 | 585 | 608 | 648 | 595 | - | 693 |
| Kilimanjaro | 932 | 925 | 935 | 932 | 885 | - | 966 |
| Tanga | 972 | 978 | 987 | 1,053 | 998 | - | 1,026 |
| Morogoro | 825 | 849 | 855 | 855 | 885 | - | 879 |
| Pwani | 535 | 541 | 552 | 675 | 572 | - | 598 |
| Dar es Salaam | 473 | 507 | 622 | 525 | 615 | - | 627 |
| Lindi | 464 | 475 | 480 | 487 | 481 | - | 505 |
| Mtwara | 615 | 625 | 631 | 641 | 679 | - | 662 |
| Ruvuma | 733 | 739 | 742 | 735 | 756 | - | 784 |
| Iringa | 912 | 932 | 948 | 481 | 355 | - | 495 |
| Mbeya | 1,060 | 1,065 | 1,082 | 1,076 | 1,084 | - | 781 |
| Singida | 503 | 502 | 512 | 519 | 527 | - | 544 |
| Tabora | 720 | 722 | 732 | 751 | 791 | - | 784 |
| Rukwa | 507 | 514 | 518 | 157 | 364 | - | 368 |
| Kigoma | 625 | 627 | 637 | 633 | 653 | - | 650 |
| Shinyanga | 1,117 | 1,118 | 1,166 | 442 | 609 | - | 593 |
| Kagera | 1,035 | 1,050 | 1,032 | 933 | 955 | - | 952 |
| Mwanza | 1,232 | 1,221 | 1,244 | 900 | 934 | - | 939 |
| Mara | 711 | 717 | 725 | 780 | 803 | - | 809 |
| Manyara | 550 | 585 | 589 | 595 | 606 | - | 627 |
| Geita | n.a | n.a | n.a | 660 | 576 | - | 592 |
| Simiyu | n.a | n.a | n.a | 514 | 504 | - | 525 |
| Njombe | n.a | n.a | n.a | 472 | 476 | - | 491 |
| Katavi | n.a | n.a | n.a | 125 | 166 | - | 177 |
| Songwe | n.a | n.a | n.a | n.a | n.a | - | 350 |
| **Total** | **15,816** | **16,001** | **16,331** | **16,343** | **16,538** | **-** | **17,174** |

**Source:** Ministry of Education, Science, Technology and Vocational Training

**Table L. 2: Total Enrolment in Public and Private Primary Schools by Region, Tanzania Mainland, 2010– 2016**

**'000'**

| Region | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|
| Dodoma | 385 | 384 | 384 | 389 | 394 | 377 | 393 |
| Arusha | 334 | 331 | 328 | 319 | 322 | 316 | 303 |
| Kilimanjaro | 313 | 305 | 297 | 292 | 293 | 278 | 272 |
| Tanga | 456 | 447 | 481 | 438 | 414 | 435 | 441 |
| Morogoro | 411 | 403 | 398 | 387 | 394 | 400 | 419 |
| Pwani | 221 | 221 | 221 | 225 | 236 | 237 | 256 |
| Dar es Salaam | 503 | 516 | 511 | 477 | 508 | 532 | 573 |
| Lindi | 172 | 164 | 160 | 161 | 168 | 173 | 162 |
| Mtwara | 244 | 245 | 237 | 236 | 237 | 232 | 245 |
| Ruvuma | 287 | 275 | 290 | 271 | 262 | 258 | 277 |
| Iringa | 379 | 376 | 367 | 220 | 205 | 186 | 202 |
| Mbeya | 558 | 557 | 541 | 529 | 537 | 536 | 372 |
| Singida | 257 | 268 | 252 | 255 | 247 | 260 | 261 |
| Tabora | 410 | 423 | 418 | 414 | 422 | 451 | 441 |
| Rukwa | 307 | 290 | 280 | 202 | 201 | 258 | 227 |
| Kigoma | 359 | 357 | 340 | 338 | 337 | 341 | 388 |
| Shinyanga | 708 | 690 | 663 | 295 | 286 | 291 | 309 |
| Kagera | 541 | 533 | 527 | 466 | 450 | 459 | 465 |
| Mwanza | 880 | 891 | 879 | 619 | 637 | 636 | 651 |
| Mara | 435 | 430 | 423 | 438 | 451 | 467 | 495 |
| Manyara | 260 | 255 | 250 | 246 | 247 | 262 | 256 |
| Geita | n.a | n.a | n.a | 441 | 402 | 407 | 446 |
| Simiyu | n.a | n.a | n.a | 326 | 330 | 333 | 336 |
| Njombe | n.a | n.a | n.a | 157 | 150 | 138 | 155 |
| Katavi | n.a | n.a | n.a | 92 | 93 | 92 | 115 |
| Songwe | n.a | n.a | n.a | n.a | n.a | n.a | 180 |
| **Total** | **8,420** | **8,361** | **8,247** | **8,233** | **8,223** | **8,355** | **8,640** |

**Source:** Ministry of Education, Science, Technology and Vocational Training

**Table L. 3: Standard I – VII Enrolment in Government and Private Primary Schools by Sex and Class; Tanzania Mainland, 2012 – 2016**

**'000'**

| | 2012 | | | 2013 | | | 2014 | | | 2015 | | | 2016 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Standard** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| Class I | 706 | 699 | 1,405 | 718 | 712 | 1,430 | 756 | 747 | 1,503 | 792 | 776 | 1,568 | 1,083 | 1,038 | 2,121 |
| Class II | 715 | 664 | 1,378 | 675 | 673 | 1,348 | 687 | 687 | 1,374 | 710 | 701 | 1,412 | 686 | 673 | 1,359 |
| Class III | 620 | 620 | 1,240 | 639 | 641 | 1,280 | 623 | 633 | 1,256 | 639 | 646 | 1,285 | 625 | 633 | 1,258 |
| Class IV | 592 | 603 | 1,195 | 590 | 604 | 1,194 | 590 | 609 | 1,198 | 550 | 584 | 1,134 | 516 | 544 | 1,060 |
| Class V | 531 | 551 | 1,082 | 509 | 534 | 1,043 | 508 | 535 | 1,042 | 513 | 544 | 1,056 | 495 | 531 | 1,027 |
| Class VI | 532 | 551 | 1,083 | 512 | 538 | 1,050 | 489 | 520 | 1,009 | 494 | 534 | 1.028 | 485 | 529 | 1,015 |
| Class VII | 435 | 474 | 909 | 423 | 463 | 886 | 396 | 444 | 840 | 381 | 434 | 815 | 375 | 425 | 800 |

**Source:** Ministry of Education, Science, Technology and Vocational Training

**Table L. 4: Number of Pupil Dropouts in Public and Private Primary Schools, by Reason, Class and Sex ,Tanzania Mainland, 2016**

| Reason | Class I | | Class II | | Class III | | Class IV | | Class V | | Class VI | | Class VII | | Total | | | Percent Dropout |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | T | |
| Death | 354 | 247 | 307 | 247 | 284 | 229 | 326 | 200 | 182 | 154 | 249 | 168 | 110 | 89 | 1,812 | 1334 | 3,146 | 3.7 |
| Pregnancy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 41 | 0 | 119 | 0 | 77 | 0 | 251 | 251 | 0.3 |
| Truancy | 5,696 | 5,650 | 6,713 | 5,904 | 8,718 | 7,356 | 6,861 | 5,545 | 5,067 | 3,787 | 8,445 | 6,777 | 3,430 | 2,639 | 44,930 | 37,658 | 82,588 | 96.0 |
| **Grand Total** | **6,050** | **5,897** | **7,020** | **6,151** | **9,002** | **7,585** | **7,187** | **5,759** | **5,249** | **3,982** | **8,694** | **7,064** | **3,540** | **2,805** | **46,742** | **39,243** | **85,985** | **100.0** |

**Source:** Ministry of Education, Science, Technology and Vocational Training

**Table L. 5: Number of Pupils with Disability in Public and Private Primary Schools by Class, Type of Disability and Sex, Tanzania Mainland, 2016**

| Class | Mentally Impaired | | | Multi - Impaired | | | Physically Impaired | | | Visually Impaired | | | Albino | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | M | F | T | M | F | T | M | F | T | M | F | T | M | F | T |
| Class I | 2,498 | 1,814 | 4,312 | 186 | 109 | 295 | 1,591 | 1,003 | 2,594 | 329 | 295 | 624 | 234 | 255 | 489 |
| Class II | 993 | 668 | 1,661 | 40 | 31 | 71 | 984 | 636 | 1,620 | 198 | 153 | 351 | 139 | 151 | 290 |
| Class III | 683 | 511 | 1,194 | 50 | 21 | 71 | 1,063 | 676 | 1,739 | 170 | 126 | 296 | 133 | 154 | 287 |
| Class IV | 320 | 233 | 553 | 32 | 23 | 55 | 902 | 636 | 1,538 | 110 | 100 | 210 | 94 | 116 | 210 |
| Class V | 271 | 204 | 475 | 27 | 22 | 49 | 945 | 640 | 1,585 | 154 | 109 | 263 | 119 | 87 | 206 |
| Class VI | 229 | 200 | 429 | 25 | 22 | 47 | 920 | 643 | 1,563 | 126 | 118 | 244 | 107 | 105 | 212 |
| Class VII | 157 | 125 | 282 | 28 | 19 | 47 | 716 | 484 | 1,200 | 115 | 79 | 194 | 95 | 81 | 176 |
| **Total** | **5,151** | **3,755** | **8,906** | **388** | **247** | **635** | **7,121** | **4,718** | **11,839** | **1,202** | **980** | **2,182** | **921** | **949** | **1,870** |

**Source:** Ministry of Education, Science, Technology and Vocational Training

**Table L. 5 (ctd): Number of Pupils with Disability in Public and Private Primary Schools by Class, Type of Disability and Sex, Tanzania Mainland, 2016**

| Class | Autism | | | Deaf/Blind | | | Deaf/Mute | | | Poor Vision | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | M | F | T | M | F | T | M | F | T | M | F | T | M | F | T |
| Class I | 307 | 195 | 502 | 960 | 832 | 1,792 | 64 | 51 | 115 | 306 | 243 | 549 | 6,475 | 4,797 | 11,272 |
| Class II | 75 | 57 | 132 | 509 | 430 | 939 | 51 | 31 | 82 | 227 | 173 | 400 | 3,216 | 2,330 | 5,546 |
| Class III | 73 | 44 | 117 | 564 | 491 | 1,055 | 38 | 32 | 70 | 258 | 182 | 440 | 3,032 | 2,237 | 5,269 |
| Class IV | 53 | 43 | 96 | 340 | 298 | 638 | 36 | 26 | 62 | 350 | 283 | 633 | 2,237 | 1,758 | 3,995 |
| Class V | 39 | 26 | 65 | 447 | 377 | 824 | 42 | 26 | 68 | 299 | 220 | 519 | 2,343 | 1,711 | 4,054 |
| Class VI | 35 | 21 | 56 | 344 | 286 | 630 | 44 | 27 | 71 | 294 | 266 | 560 | 2,124 | 1,688 | 3,812 |
| Class VII | 20 | 15 | 35 | 238 | 204 | 442 | 20 | 24 | 44 | 335 | 331 | 666 | 1,724 | 1,362 | 3,086 |
| **Total** | **602** | **401** | **1,003** | **3,402** | **2,918** | **6,320** | **295** | **217** | **512** | **2,069** | **1,698** | **3,767** | **21,151** | **15,883** | **37,034** |

**Source:** Ministry of Education, Science, Technology and Vocational Training

**Table L. 6: Boys and Girls Enrolment in Public and Private Primary Schools by Class; Tanzania Zanzibar, 2012– 2016**

**Number**

| Class | 2012 | | | 2013 | | | 2014 | | | 2015 | | | 2016 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Total |
| I | 21,126 | 20,395 | 41,521 | 21,758 | 21,104 | 42,862 | 21,933 | 21,129 | 43,062 | 22,461 | 21,728 | 44,189 | 27,077 | 25,510 | 52,587 |
| II | 19,399 | 18,883 | 38,282 | 20,183 | 19,804 | 39,987 | 20,653 | 20,343 | 40,996 | 20,952 | 20,364 | 41,316 | 21,976 | 21,337 | 43,313 |
| III | 17,605 | 17,560 | 35,165 | 18,591 | 18,529 | 37,120 | 19,383 | 19,484 | 38,867 | 20,051 | 20,083 | 40,134 | 20,952 | 20,547 | 41,499 |
| IV | 16,831 | 16,774 | 33,605 | 16,737 | 17,383 | 34,120 | 18,124 | 18,121 | 36,245 | 19,079 | 19,139 | 38,218 | 19,665 | 19,726 | 39,391 |
| V | 16,451 | 16,624 | 33,075 | 16,414 | 16,378 | 32,792 | 15,789 | 16,581 | 32,370 | 17,820 | 18,273 | 36,093 | 19,197 | 19,326 | 38,523 |
| VI | 15,822 | 16,340 | 32,162 | 15,870 | 16,164 | 32,034 | 16,225 | 16,236 | 32,461 | 13,998 | 15,795 | 29,793 | 16,181 | 17,310 | 33,491 |
| VII | 12,660 | 13,652 | 26,312 | 13,507 | 14,930 | 28,437 | 14,057 | 15,094 | 29,151 | 15,625 | 15,844 | 31,469 | 161 | 178 | 339 |
| **Total** | **119,894** | **120,228** | **240,122** | **123,060** | **124,292** | **247,352** | **126,164** | **126,988** | **253,152** | **129,986** | **131,226** | **261,212** | **125,209** | **123,934** | **249,143** |

**Source:** Ministry of Education and Vocational Training, Zanzibar

**Table L.6 A: Boys and Girls Enrolment in Public Primary Schools by Class, Tanzania Zanzibar, 2011 - 2016**

**Number**

| Class | 2011 | | | 2012 | | | 2013 | | | 2014 | | | 2015 | | | 2016 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Boys** | **Girls** | **Total** | **Boys** | **Girls** | **Total** | **Boys** | **Girls** | **Total** | **Boys** | **Girls** | **Total** | **Boys** | **Girls** | **Total** | **Boys** | **Girls** | **Total** |
| I | 19,725 | 18,504 | 38,229 | 19,524 | 18,684 | 38,208 | 20,008 | 19,214 | 39,222 | 19,570 | 18,959 | 38,529 | 20,051 | 19,311 | 39,362 | 24,409 | 22,747 | 47,156 |
| II | 17,275 | 16,890 | 34,165 | 18,207 | 17,510 | 35,717 | 18,596 | 18,174 | 36,770 | 19,008 | 18,597 | 37,605 | 18,795 | 18,324 | 37,119 | 19,578 | 18,841 | 38,419 |
| III | 16,495 | 16,156 | 32,651 | 16,406 | 16,321 | 32,727 | 17,309 | 17,110 | 34,419 | 17,859 | 17,942 | 35,801 | 18,319 | 18,258 | 36,577 | 18,847 | 18,358 | 37,205 |
| IV | 16,378 | 16,124 | 32,502 | 15,840 | 15,748 | 31,588 | 15,605 | 16,183 | 31,788 | 16,859 | 16,753 | 33,612 | 17,539 | 17,575 | 35,114 | 17,961 | 17,882 | 35,843 |
| V | 15,008 | 15,702 | 30,710 | 15,510 | 15,679 | 31,189 | 15,427 | 15,331 | 30,758 | 14,687 | 15,482 | 30,169 | 16,588 | 16,947 | 33,535 | 17,650 | 17,741 | 35,391 |
| VI | 14,026 | 14,024 | 28,050 | 15,062 | 15,528 | 30,590 | 15,043 | 15,337 | 30,380 | 15,325 | 15,275 | 30,600 | 12,954 | 14,665 | 27,619 | 14,924 | 15,949 | 30,873 |
| VII | 12,999 | 13,929 | 26,928 | 12,010 | 13,000 | 25,010 | 12,861 | 14,179 | 27,040 | 13,282 | 14,285 | 27,567 | 14,878 | 15,070 | 29,948 | - | - | - |
| **Total** | **111,906** | **111,329** | **223,235** | **112,559** | **112,470** | **225,029** | **114,849** | **115,528** | **230,377** | **116,590** | **117,293** | **233,883** | **119,124** | **120,150** | **239,274** | **113,369** | **111,518** | **224,887** |

**Source:** Ministry of Education and Vocational Training, Zanzibar

**Table L. 7: Enrolment in Public and Private Secondary Schools by Sex and Form, Tanzania Mainland, 2008 – 2016**

**Number**

| Year | Form I | Form II | Form III | Form IV | Form V | Form VI | Total |
|---|---|---|---|---|---|---|---|
| **Male** | | | | | | | |
| 2008 | 252,116 | 200,658 | 117,568 | 73,675 | 21,949 | 13,158 | **679,124** |
| 2009 | 290,696 | 196,911 | 177,706 | 109,205 | 25,182 | 13,245 | **812,945** |
| 2010 | 240,017 | 254,319 | 195,222 | 177,176 | 23,056 | 20,381 | **910,171** |
| 2011 | 246,487 | 252,478 | 246,852 | 190,186 | 27,088 | 23,902 | **986,993** |
| 2012 | 264,196 | 238,840 | 227,560 | 224,365 | 27,956 | 27,556 | **1,010,473** |
| 2013 | 257,465 | 290,717 | 141,287 | 198,854 | 26,330 | 24,538 | **939,191** |
| 2014 | 296,685 | 301,809 | 213,856 | 133,068 | 28,114 | 24,101 | **997,633** |
| 2015 | 223,268 | 211,333 | 192,407 | 193,981 | 51,862 | 23,741 | **896,592** |
| 2016 | 263,956 | 221,360 | 167,100 | 172,351 | 40,442 | 40,687 | **905,896** |
| **Female** | | | | | | | |
| 2008 | 186,785 | 174,967 | 100,962 | 57,519 | 15,867 | 7,179 | **543,279** |
| 2009 | 234,088 | 147,604 | 153,138 | 92,211 | 17,870 | 8,546 | **653,457** |
| 2010 | 198,810 | 202,427 | 149,075 | 149,639 | 15,278 | 13,299 | **728,528** |
| 2011 | 220,668 | 211,451 | 199,535 | 143,452 | 14,260 | 13,188 | **802,554** |
| 2012 | 258,183 | 216,813 | 192,633 | 180,220 | 12,934 | 13,016 | **873,799** |
| 2013 | 257,127 | 292,729 | 120,612 | 169,746 | 12,843 | 11,811 | **864,868** |
| 2014 | 292,188 | 301,093 | 219,505 | 112,076 | 14,370 | 10,484 | **949,716** |
| 2015 | 225,558 | 207,012 | 195,289 | 199,511 | 39,125 | 11,296 | **877,791** |
| 2016 | 274,870 | 226,535 | 169,851 | 179,570 | 26,182 | 24,051 | **901,059** |
| **Total** | | | | | | | |
| 2008 | 438,901 | 375,625 | 218,530 | 131,194 | 37,816 | 20,337 | **1,222,403** |
| 2009 | 524,784 | 344,515 | 330,844 | 201,416 | 43,052 | 21,791 | **1,466,402** |
| 2010 | 438,827 | 456,746 | 344,297 | 326,815 | 38,334 | 33,680 | **1,638,699** |
| 2011 | 467,155 | 463,929 | 446,387 | 333,638 | 41,348 | 37,090 | **1,789,547** |
| 2012 | 522,379 | 455,653 | 420,193 | 404,585 | 40,890 | 40,572 | **1,884,272** |
| 2013 | 514,592 | 583,443 | 261,899 | 368,600 | 39,173 | 36,349 | **1,804,056** |
| 2014 | 588,873 | 602,902 | 433,361 | 245,144 | 42,484 | 34,585 | **1,947,349** |
| 2015 | 448,826 | 418,345 | 387,696 | 393,492 | 90,987 | 35,037 | **1,774,383** |
| 2016 | 538,826 | 447,895 | 336,951 | 351,921 | 66,624 | 64,738 | **1,806,955** |

Source: Ministry of Education, Science, Technology and Vocational Training

**Table L. 8: Enrolment in Public and Private Secondary Schools by Form and Sex , Tanzania Zanzibar, 2012 – 2016**

**Number**

| Form | 2012 | | | 2013 | | | 2014 | | | 2015 | | | 2016 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Male** | **Female** | **Total** | **Male** | **Female** | **Total** | **Male** | **Female** | **Total** | **Male** | **Female** | **Total** | **Male** | **Female** | **Total** |
| I | 13,258 | 14,063 | 27,321 | 12,819 | 13,654 | 26,473 | 7,189 | 21,308 | 28,497 | 14,390 | 15,461 | 29,851 | 27,344 | 29,885 | 57,229 |
| II | 10,856 | 12,931 | 23,787 | 10,642 | 12,864 | 23,506 | 11,013 | 12,399 | 23,412 | 11,807 | 13,865 | 25,672 | 12,410 | 14,069 | 26,479 |
| III | 6,191 | 7,153 | 13,344 | 5,851 | 8,157 | 14,008 | 6,193 | 8,175 | 14,368 | 6,686 | 8,107 | 14,793 | 7,389 | 9,859 | 17,248 |
| IV | 6,056 | 7,657 | 13,713 | 5,761 | 6,960 | 12,721 | 5,511 | 7,874 | 13,385 | 5,985 | 7,910 | 13,895 | 6,349 | 8,047 | 14,396 |
| V | 730 | 700 | 1,430 | 528 | 632 | 1,160 | 496 | 336 | 832 | 848 | 1,071 | 1,919 | 1,027 | 857 | 1,884 |
| VI | 1,050 | 1,052 | 2,102 | 561 | 529 | 1,090 | 564 | 563 | 1,127 | 432 | 411 | 843 | 2,016 | 1,832 | 3,848 |
| **Total** | **38,141** | **43,556** | **81,697** | **36,162** | **42,796** | **78,958** | **30,966** | **50,655** | **81,621** | **40,148** | **46,825** | **86,973** | **56,535** | **64,549** | **121,084** |

**Source :** Ministry of Education and Vocational Training, Zanzibar

**Table L. 9: Enrolment in Private Secondary Schools by Sex and Form; Tanzania Mainland, 2008 – 2016**

**Number**

| Year | Form I | Form II | Form III | Form IV | Form V | Form VI | Total |
|---|---|---|---|---|---|---|---|
| **Male** | | | | | | | |
| 2008 | 20,875 | 21,369 | 21,378 | 18,777 | 7,474 | 5,133 | 95,006 |
| 2009 | 20,984 | 17,475 | 17,917 | 16,637 | 6,578 | 5,032 | 84,623 |
| 2010 | 26,755 | 27,537 | 24,518 | 23,309 | 7,274 | 7,804 | 117,197 |
| 2011 | 29,393 | 31,740 | 31,613 | 26,348 | 6,096 | 7,064 | 132,254 |
| 2012 | 29,882 | 32,506 | 30,796 | 29,776 | 5,405 | 6,628 | 134,993 |
| 2013 | 32,268 | 36,382 | 32,381 | 31,448 | 4,672 | 5,145 | 142,296 |
| 2014 | 51,905 | 46,413 | 36,364 | 32,169 | 4,941 | 4,144 | 175,936 |
| 2015 | - | - | - | - | - | - | - |
| 2016 | 32,905 | 38,793 | 34,654 | 35,122 | 12,118 | 10,701 | 164,293 |
| **Female** | | | | | | | |
| 2008 | 22,096 | 21,863 | 21,799 | 17,203 | 5,102 | 3,461 | 91,524 |
| 2009 | 23,271 | 18,909 | 19,147 | 17,424 | 5,273 | 4,064 | 88,088 |
| 2010 | 29,865 | 30,339 | 26,260 | 23,511 | 4,995 | 5,202 | 120,172 |
| 2011 | 33,889 | 35,465 | 34,246 | 28,173 | 4,987 | 4,862 | 141,622 |
| 2012 | 35,176 | 36,897 | 33,657 | 31,433 | 4,279 | 5,085 | 146,527 |
| 2013 | 37,792 | 41,025 | 35,617 | 34,189 | 3,920 | 4,506 | 157,049 |
| 2014 | 57,879 | 50,319 | 40,210 | 34,729 | 3,924 | 3,542 | 190,603 |
| 2015 | - | - | - | - | - | - | - |
| 2016 | 37,939 | 42,706 | 38,316 | 38,109 | 8,973 | 7,030 | 173,073 |
| **Total** | | | | | | | |
| 2008 | 42,971 | 43,232 | 43,177 | 35,980 | 12,576 | 8,594 | 186,530 |
| 2009 | 44,255 | 36,384 | 37,064 | 34,061 | 11,851 | 9,096 | 172,711 |
| 2010 | 56,620 | 57,876 | 50,778 | 46,820 | 12,269 | 13,006 | 237,369 |
| 2011 | 63,282 | 67,205 | 65,859 | 54,521 | 11,083 | 11,926 | 250,867 |
| 2012 | 65,058 | 69,403 | 64,453 | 61,209 | 9,684 | 11,713 | 281,520 |
| 2013 | 70,060 | 77,407 | 66,038 | 65,637 | 8,592 | 9,651 | 299,345 |
| 2014 | 109,784 | 96,732 | 76,574 | 66,898 | 8,865 | 7,685 | 366,539 |
| 2015 | - | - | - | - | - | - | - |
| 2016 | 70,844 | 81,499 | 72,970 | 73,231 | 21,091 | 17,731 | 337,366 |

**Source:** Ministry of Education, Science, Technology and Vocational Training

**Table L. 10: Number of Student Dropouts in Public and Private Secondary Schools by Reason, Form and Sex,Tanzania Mainland, 2016**

**Number**

| Reason | Form I | | Form II | | Form III | | Form IV | | Form V | | Form VI | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** | **M** | **F** |
| Truancy | 8,972 | 7,558 | 11,867 | 9,390 | 6,290 | 5,461 | 3,915 | 3,595 | 101 | 57 | 64 | 8 | 31,209 | 26,069 |
| Pregnancy | 0 | 422 | 0 | 823 | 0 | 1,050 | 0 | 1,068 | 0 | 64 | 0 | 12 | 0 | 3,439 |
| Death | 107 | 89 | 129 | 84 | 94 | 73 | 95 | 63 | 15 | 4 | 15 | 3 | 455 | 316 |
| **Total** | **9,079** | **8,069** | **11,996** | **10,297** | **6,384** | **6,584** | **4,010** | **4,726** | **116** | **125** | **79** | **23** | **31,664** | **29,824** |

**Source:** Ministry of Education, Science, Technology and Vocational Training

**Table L. 11: Number of Secondary Schools Students with Disability by Form, Type of Disability and Sex; Tanzania Mainland, 2016**

| Form | Albino | | | Deaf/Mute | | | Deaf Blind | | | Mentally Impaired | | | Multi Impaired | | | Physically Impaired | | | Poor Vision | | | Visually Impaired | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** | **M** | **F** | **T** |
| Form 1 | 75 | 76 | 151 | 184 | 176 | 360 | 14 | 17 | 31 | 20 | 12 | 32 | 23 | 19 | 42 | 478 | 337 | 815 | 352 | 420 | 772 | 102 | 57 | 159 |
| Form 2 | 65 | 52 | 117 | 128 | 182 | 310 | 14 | 17 | 31 | 17 | 17 | 34 | 24 | 12 | 36 | 383 | 246 | 629 | 292 | 320 | 612 | 82 | 53 | 135 |
| Form 3 | 62 | 41 | 103 | 119 | 87 | 206 | 13 | 10 | 23 | 12 | 12 | 24 | 15 | 6 | 21 | 264 | 171 | 435 | 212 | 334 | 546 | 51 | 50 | 101 |
| Form 4 | 66 | 51 | 117 | 96 | 101 | 197 | 11 | 17 | 28 | 11 | 10 | 21 | 9 | 10 | 19 | 240 | 176 | 416 | 196 | 252 | 448 | 46 | 40 | 86 |
| Form 5 | 14 | 4 | 18 | 7 | 8 | 15 | 2 | 2 | 4 | 4 | 0 | 4 | 0 | 0 | 0 | 25 | 9 | 34 | 52 | 60 | 112 | 7 | 1 | 8 |
| Form 6 | 16 | 3 | 19 | 7 | 5 | 12 | 2 | 0 | 2 | 2 | 0 | 2 | 1 | 0 | 1 | 45 | 25 | 70 | 56 | 90 | 146 | 4 | 4 | 8 |
| **Total** | **298** | **227** | **525** | **541** | **559** | **1,100** | **56** | **63** | **119** | **66** | **51** | **117** | **72** | **47** | **119** | **1,435** | **964** | **2,399** | **1,160** | **1,476** | **2,636** | **292** | **205** | **497** |
| **Percent** | **4.0** | **3.0** | **7.0** | **7.2** | **7.4** | **14.6** | **0.7** | **0.8** | **1.6** | **0.9** | **0.7** | **1.6** | **1.0** | **0.6** | **1.6** | **19.1** | **12.8** | **31.9** | **15.4** | **19.6** | **35.1** | **3.9** | **2.7** | **6.6** |

**Source:** Ministry of Education, Science, Technology and Vocational Training

**Table L. 12: Number of Government and Private Secondary Schools with and without Electric Power by Region and Type of Power; Tanzania Mainland, 2016**

| Region | National Grid | Generator | Solar | Biogas | Wind | Other Sources | No Power |
|---|---|---|---|---|---|---|---|
| Arusha | 170 | 52 | 69 | 6 | 4 | 8 | 14 |
| Dar es Salaam | 289 | 45 | 17 | 6 | 5 | 6 | 5 |
| Dodoma | 93 | 4 | 56 | 2 | 0 | 9 | 53 |
| Iringa | 88 | 29 | 61 | 1 | 2 | 3 | 6 |
| Kagera | 133 | 22 | 80 | 3 | 0 | 12 | 16 |
| Kigoma | 22 | 47 | 99 | 0 | 0 | 3 | 27 |
| Kilimanjaro | 279 | 42 | 64 | 3 | 1 | 0 | 11 |
| Lindi | 28 | 1 | 70 | 1 | 0 | 4 | 22 |
| Manyara | 57 | 13 | 64 | 1 | 0 | 5 | 11 |
| Mara | 89 | 13 | 50 | 0 | 1 | 3 | 30 |
| Mbeya | 127 | 34 | 38 | 0 | 0 | 2 | 23 |
| Morogoro | 115 | 25 | 39 | 0 | 5 | 1 | 44 |
| Mtwara | 39 | 3 | 55 | 0 | 0 | 5 | 40 |
| Mwanza | 142 | 25 | 75 | 5 | 0 | 3 | 10 |
| Pwani | 86 | 36 | 69 | 4 | 0 | 4 | 19 |
| Rukwa | 21 | 21 | 43 | 0 | 0 | 1 | 11 |
| Ruvuma | 12 | 53 | 108 | 2 | 0 | 4 | 10 |
| Shinyanga | 45 | 9 | 42 | 5 | 0 | 10 | 11 |
| Singida | 59 | 3 | 93 | 0 | 0 | 0 | 8 |
| Tabora | 60 | 7 | 66 | 0 | 0 | 4 | 34 |
| Tanga | 135 | 11 | 75 | 2 | 0 | 3 | 51 |
| Geita | 24 | 17 | 45 | 1 | 0 | 7 | 13 |
| Simiyu | 48 | 7 | 58 | 0 | 0 | 0 | 34 |
| Njombe | 50 | 24 | 55 | 3 | 2 | 13 | 3 |
| Katavi | 0 | 15 | 25 | 0 | 0 | 0 | 3 |
| Songwe | 35 | 9 | 38 | 0 | 0 | 4 | 11 |
| **Total** | **2,246** | **567** | **1,554** | **45** | **20** | **114** | **520** |

**Source:** Ministry of Education, Science, Technology and Vocational Training

**Table L. 13: Number of ICT Equipment Available in Government and Private Secondary Schools by Region, Tanzania Mainland, 2016**

| Region | Deck/DVD | Desktop Computers | Laptop Computers | Photocopier | Printer | Projector | Radio | Smart Phone/Tablets | TV |
|---|---|---|---|---|---|---|---|---|---|
| Arusha | 361 | 5,809 | 2,251 | 541 | 776 | 473 | 188 | 545 | 556 |
| Dar es Salaam | 392 | 10,362 | 2,340 | 902 | 1,429 | 641 | 311 | 329 | 666 |
| Dodoma | 58 | 1,595 | 241 | 157 | 227 | 86 | 58 | 514 | 188 |
| Iringa | 120 | 2,074 | 801 | 238 | 459 | 145 | 75 | 979 | 283 |
| Kagera | 139 | 2,469 | 737 | 248 | 342 | 88 | 72 | 370 | 331 |
| Kigoma | 108 | 1,721 | 415 | 265 | 347 | 98 | 69 | 101 | 199 |
| Kilimanjaro | 345 | 8,686 | 1,277 | 671 | 995 | 253 | 154 | 837 | 650 |
| Lindi | 35 | 1,367 | 379 | 64 | 111 | 302 | 32 | 61 | 88 |
| Manyara | 80 | 1,160 | 165 | 142 | 209 | 61 | 37 | 140 | 193 |
| Mara | 106 | 2,012 | 461 | 207 | 258 | 92 | 22 | 16 | 175 |
| Mbeya | 105 | 2,616 | 395 | 351 | 375 | 117 | 41 | 26 | 252 |
| Morogoro | 113 | 2,698 | 422 | 355 | 514 | 108 | 68 | 100 | 272 |
| Mtwara | 54 | 594 | 224 | 106 | 145 | 82 | 41 | 105 | 86 |
| Mwanza | 178 | 3,431 | 671 | 346 | 459 | 203 | 72 | 848 | 328 |
| Pwani | 136 | 3,411 | 355 | 275 | 443 | 124 | 72 | 521 | 243 |
| Rukwa | 81 | 1,687 | 372 | 139 | 258 | 46 | 53 | 186 | 204 |
| Ruvuma | 64 | 541 | 267 | 60 | 121 | 29 | 10 | 1 | 125 |
| Shinyanga | 48 | 675 | 136 | 110 | 95 | 60 | 18 | 54 | 84 |
| Singida | 44 | 599 | 238 | 91 | 131 | 65 | 48 | 6 | 92 |
| Tabora | 64 | 1,160 | 258 | 141 | 163 | 78 | 60 | 301 | 154 |
| Tanga | 111 | 1,990 | 372 | 203 | 356 | 149 | 124 | 98 | 317 |
| Geita | 60 | 823 | 67 | 104 | 117 | 42 | 24 | 12 | 87 |
| Simiyu | 19 | 323 | 34 | 48 | 82 | 12 | 10 | 0 | 39 |
| Njombe | 97 | 1,570 | 301 | 188 | 298 | 116 | 27 | 56 | 204 |
| Katavi | 17 | 445 | 48 | 40 | 66 | 20 | 13 | 600 | 68 |
| Songwe | 48 | 633 | 92 | 88 | 95 | 20 | 12 | 39 | 68 |
| **Total** | **2,983** | **60,451** | **13,319** | **6,080** | **8,871** | **3,510** | **1,711** | **6,845** | **5,952** |

**Source:** Ministry of Education, Science, Technology and Vocational Training

# M:

# HEALTH

# M. Health

## General Information

In Tanzania, health services are provided by a number of complementary institutions. These are dispensaries, health centres, district/regional hospitals and referral consultant hospitals.

The dispensaries are staffed by clinical officers and clinical assistants with one or two helpers and in some cases a nurse and/or midwife is also provided. A clinical assistant receives a 3-year training course in anatomy, physiology and hygiene with good training in diagnostic methods and treatment of common diseases.

Dispensaries are supported by health centres which give priority to preventive measures and hygiene but in practice they are extensively used for the treatment of common diseases. Most health centres have a room for minor surgery and 20 to 30 beds for in-patients including maternity cases. A health centre is managed by a clinical officer, with a secondary school education and more elaborate education in diagnosis and treatment as well as training in minor surgery. He/She is of higher grade than a clinical assistant. A clinical officer is usually assisted by one or two clinical assistants, a nurse/midwife with one or two maternal and child health aids,a health aid and a health assistant.

Above the health centre, there is the district hospital and a hospital (mostly private or faith based) where difficult or serious cases are referred to. A district hospital is the base for staffing and supplying medical provision to all dispensaries, health centres.. Generally there is one district hospital per administrative district but in some cases a district may have more than one district hospital. District hospitals are provided with medical doctors (one or more according to size), stores for drugs and equipment, a diagnostic laboratory, x-ray, operation facilities and beds for referred patients.

District and regional hospitals are in most cases similar except that regional hospitals are larger, have more facilities and are staffed from 5 to 10 doctors including one or two specialists. At the national level, there are 5 referral hospitals: 4 Tanzania Mainland and 1 in Zanzibar .

**Table M. 1: Number of Health Facilities by Type and Ownership,Tanzania Mainland, 2014 - 2016**

**Number**

| Type of Facility | 2014 | | | 2015 | | | 2016 | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Private** | **Government** | **Total** | **Private** | **Government** | **Total** | **Private** | **Government** | **Total** |
| Dispensary | 1,390 | 4,523 | 5,913 | 1,419 | 4,724 | 6,143 | 1,421 | 4,789 | 6,210 |
| Health Centre | 208 | 505 | 713 | 211 | 507 | 718 | 259 | 508 | 767 |
| Hospital | 130 | 124 | 254 | 128 | 124 | 252 | 146 | 119 | 265 |
| Others* | 79 | 10 | 89 | 133 | 3 | 136 | 39 | 15 | 54 |
| Maternity Homes | | | | | | | | | 50 |
| **Total** | **1,807** | **5,162** | **6,969** | **1,891** | **5,358** | **7,249** | **1,865** | **5,431** | **7,346** |

* *Include Clinics*

**Source:** Ministry of Health, Community Development, Gender, Elderly and Children

**Table M. 2: Number of Hospital Beds by Type of Health Facility and Ownership, Tanzania Mainland, 2016 to re arrange lines**

**Number**

| Type of Facility | Government | Parastatal | Religious/NGOs | Private | Total |
|---|---|---|---|---|---|
| Regional Hospital | 5,158 | 260 | 0 | 0 | 5,418 |
| District Hospital | 8,693 | 0 | 6,618 | 0 | 15,311 |
| Other Hospital | 935 | 154 | 2,705 | 462 | 4,256 |
| Health Centre | 8,933 | 672 | 3,993 | 1,506 | 15,104 |
| Dispensary | 12,166 | 790 | 4,127 | 2,585 | 19,668 |
| **Total** | **35,885** | **1,876** | **17,443** | **4,553** | **59,757** |

**Source**: Ministry of Health, Community Development, Gender, Elderly and Children

**Table M. 3 : Number of In-patients and Out-patients Treated Annually,Tanzania Mainland, 1995 – 2016**

**Number**

| Year | Out-Patients | | | In-Patients* |
|---|---|---|---|---|
| | Dispensary | Health Centre | Hospital | |
| 1995 | 678,5925 | 545,921 | 355,483 | 240,707 |
| 1996 | 9,530,361 | 927,606 | 604,023 | 541,781 |
| 1997 | 10,003,245 | 1,052,326 | 711,222 | 559,949 |
| 1998 | 10,112,305 | 1,134,242 | 750,465 | - |
| 1999 | 10,321,654 | 1,242,354 | 812,891 | 626,700 |
| 2000 | 13,697,988 | 1,874,346 | 989,101 | 626,700 |
| 2001 | 17,218,371 | 2,511,624 | 1,167,139 | 680,263 |
| 2002 | 19,695,356 | 3,258,520 | 1,328,395 | 701,568 |
| 2003 | 22,935,688 | 3,659,615 | 1,491,909 | 1,390,273 |
| 2004 | 23,552,460 | 3,758,027 | 1,532,028 | 2,125,388 |
| 2005 | 24,900,276 | 3,973,085 | 1,619,700 | 2,237,146 |
| 2006 | 26,979,136 | 4,304,787 | 1,754,925 | 2,837,252 |
| 2007 | 28,328,093 | 4,520,026 | 1,842,671 | 2,979,115 |
| 2008 | 29,744,498 | 4,746,027 | 1,934,805 | 3,128,071 |
| 2009 | 32,718,948 | 5,220,630 | 2,128,286 | 3,440,870 |
| 2010 | 35,990,843 | 5,742,693 | 2,341,114 | 3,784,957 |
| 2011 | 39,917,117 | 6,431,816 | 2,622,048 | 4,239,152 |
| 2012 | 41,333,522 | 6,657,817 | 2,815,529 | 4,388,108 |
| 2013 | 42,682,479 | 6,873,056 | 2,903,275 | 4,529,971 |
| 2014 | 14,008,692 | 475,295 | 5,910,725 | 1,665,935 |
| 2015 | 25,072,487 | 6,006,466 | 4,480,781 | 1,858,956 |
| 2016 | 20,859,281 | 6,515,219 | 4,984,645 | 1,775,835 |

* Total In-patients in Dispensary, Health Centre and Hospital

**Source**: Ministry of Health, Community Development, Gender, Elderly and Children

**Table M. 4 : Number of Medical Personnel by Cadre, Tanzania Mainland, 2016**

**Number**

| Cadre | 2016 |
|---|---|
| Medical Doctor (MO) | 2,229 |
| Assistant Medical Officer (AMO) | 2,156 |
| Pharmacist (PH) | 559 |
| Medical Assistant (MA) | 26,788 |
| Clinical Officer | 7,636 |
| Environmental Health Officer | 508 |
| Assistants Environmental Health Officer | 1,611 |
| Laboratory Technologist | 1,415 |
| Chemist | 49 |
| Record Management Assistant | 142 |
| Nurse | 22,978 |
| Assistant Nursing Officer | 7,729 |
| Scientist | 25 |
| Pharmaceutical Technologist | 510 |
| Dental Assistant | 26 |
| Dental Surgeon | 134 |

**Source**: Ministry of Health, Community Development, Gender Elderly and Children

**Table M. 5: Number of Medical Facilities by Category; Tanzania Zanzibar, 2011 – 2016**

| Category | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|
| Tertiary Hospital (Referral) | 1 | 1 | 1 | 1 | 1 | 1 |
| Tertiary Hospital (Special) | 2 | 2 | 2 | 2 | 2 | 2 |
| Primary Health Care Center | 4 | 4 | 4 | 4 | 4 | 4 |
| District Hospital | 3 | 3 | 3 | 3 | 3 | 3 |
| Primary Health Care Unit 1st level | 100 | 100 | 105 | 109 | 110 | 112 |
| Primary Health Care Unit 2ndlevel | 34 | 34 | 34 | 34 | 34 | 33 |
| Private Hospital | 3 | 4 | 4 | 2 | 5 | 4 |
| Dispensary | 72 | 70 | 70 | 53 | 67 | 65 |

**Source**: Ministry of Health, Zanzibar

**Table M. 6: Number of Medical Personnel by Cadre and Sex, Tanzania Zanzibar, 2012– 2016**

| Cadre | 2012 | | | 2013 | | | 2014 | | | 2015 | | | 2016 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| **Doctors** | **32** | **19** | **51** | **33** | **20** | **53** | **83** | **65** | **148** | **85** | **70** | **155** | **115** | **95** | **210** |
| Surgeon | 2 | 0 | 2 | 2 | 0 | 2 | 5 | 0 | 5 | 5 | 0 | 5 | **5** | **0** | **5** |
| Pathologist | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | **1** | **0** | **1** |
| Physician | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | **0** | **1** | **1** |
| Medical Doctor | 9 | 6 | 15 | 10 | 7 | 17 | 42 | 42 | 84 | 44 | 47 | 91 | **71** | **73** | **144** |
| Assistance Medical Officer(AMO) | 20 | 12 | 32 | 20 | 12 | 32 | 35 | 22 | 57 | 35 | 22 | 57 | **38** | **21** | **59** |
| **Dentists** | **8** | **13** | **21** | **12** | **20** | **32** | **23** | **27** | **50** | **24** | **30** | **54** | **24** | **27** | **51** |
| Dentist | 1 | 3 | 4 | 1 | 3 | 4 | 3 | 3 | 6 | 3 | 3 | 6 | **4** | **2** | **6** |
| Assistance Dental Officer(ADO) | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | **3** | **1** | **4** |
| Dental Assistant | 4 | 5 | 9 | 4 | 5 | 9 | 6 | 5 | 11 | 6 | 5 | 11 | **5** | **3** | **8** |
| Dental Officer | 1 | 3 | 4 | 1 | 3 | 4 | 1 | 5 | 6 | 1 | 5 | 6 | **1** | **2** | **3** |
| Dental Therapist | 0 | 2 | 2 | 4 | 9 | 13 | 11 | 14 | 25 | 12 | 17 | 29 | **11** | **19** | **30** |
| **Nurses** | **113** | **703** | **816** | **126** | **728** | **854** | **229** | **797** | **1,026** | **230** | **859** | **1,089** | **224** | **887** | **1,111** |
| Nurse Anesthetic | 4 | 5 | 9 | 4 | 6 | 10 | 10 | 8 | 18 | 10 | 8 | 18 | **12** | **7** | **19** |
| Nurse General | 3 | 43 | 46 | 13 | 47 | 60 | 36 | 71 | 107 | 37 | 73 | 110 | **44** | **151** | **195** |
| Nurse Midwife | 1 | 374 | 375 | 1 | 380 | 381 | 1 | 405 | 406 | 1 | 465 | 466 | **10** | **451** | **461** |
| Nurse Occupational Health | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | **1** | **1** | **2** |
| Nurse Ophthalmic | 6 | 1 | 7 | 6 | 1 | 7 | 9 | 1 | 10 | 9 | 1 | 10 | **6** | **2** | **8** |
| Nurse Orthopeadic | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | **1** | **0** | **1** |
| Nurse Pediatric | 4 | 3 | 7 | 4 | 3 | 7 | 4 | 4 | 8 | 4 | 4 | 8 | **4** | **4** | **8** |
| Nurse Psychiatrist | 81 | 11 | 92 | 84 | 11 | 95 | 149 | 14 | 163 | 149 | 14 | 163 | **131** | **14** | **145** |
| Community Health Nurse | 11 | 7 | 18 | 11 | 7 | 18 | 17 | 10 | 27 | 17 | 10 | 27 | **14** | **10** | **24** |
| PHN "A" | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 4 | 5 | 1 | 4 | 5 | **1** | **4** | **5** |
| PHN "B" | 0 | 256 | 256 | 0 | 270 | 270 | 0 | 279 | 279 | 0 | 279 | 279 | **0** | **243** | **243** |
| **Clinical Officer** | **31** | **32** | **63** | **47** | **41** | **88** | **106** | **83** | **189** | **119** | **97** | **216** | **112** | **98** | **210** |

**Table M. 6 (ctd): Number of Medical Personnel by Cadre and Sex, Tanzania Zanzibar, 2012 – 2016**

| Cadre | 2012 | | | 2013 | | | 2014 | | | 2015 | | | 2016 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| **Laboratory** | **68** | **96** | **164** | **82** | **113** | **195** | **140** | **171** | **311** | **143** | **173** | **316** | **141** | **175** | **316** |
| Medical Lab. Scientist | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | **1** | **-** | **1** |
| Lab. Chemical Technician | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | **-** | **3** | **3** |
| Lab. Scientist | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | **3** | **3** | **6** |
| Lab. Technologist | 11 | 12 | 23 | 11 | 13 | 24 | 21 | 22 | 43 | 21 | 22 | 43 | **24** | **28** | **52** |
| Lab. Technician | 53 | 65 | 118 | 67 | 81 | 148 | 111 | 126 | 237 | 114 | 128 | 242 | **109** | **131** | **240** |
| Lab. Assistant | 2 | 15 | 17 | 2 | 15 | 17 | 6 | 19 | 25 | 6 | 19 | 25 | **4** | **10** | **14** |
| **Pharmacy** | **33** | **52** | **85** | **38** | **73** | **111** | **74** | **121** | **195** | **78** | **130** | **208** | **80** | **128** | **208** |
| Pharmacist | 7 | 5 | 12 | 7 | 6 | 13 | 10 | 8 | 18 | 8 | 11 | 19 | **12** | **10** | **22** |
| Pharm. Technician | 19 | 20 | 39 | 24 | 39 | 63 | 47 | 62 | 109 | 53 | 68 | 121 | **56** | **80** | **136** |
| Pharm. Assistant | 5 | 13 | 18 | 5 | 14 | 19 | 9 | 18 | 27 | 9 | 18 | 27 | **5** | **10** | **15** |
| Pharm. Auxiliary | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 3 | 3 | 0 | 3 | 3 | **-** | **3** | **3** |
| Pharm. Dispenser | 2 | 13 | 15 | 2 | 13 | 15 | 8 | 30 | 38 | 8 | 30 | 38 | **7** | **25** | **32** |
| **Environmental Health** | **91** | **56** | **147** | **110** | **76** | **186** | **181** | **130** | **311** | **184** | **131** | **315** | **176** | **124** | **300** |
| Health Assistant | 19 | 13 | 32 | 19 | 13 | 32 | 38 | 24 | 62 | 38 | 24 | 62 | **20** | **12** | **32** |
| Health Officer | 71 | 43 | 114 | 90 | 63 | 153 | 142 | 106 | 248 | 145 | 107 | 252 | **155** | **112** | **267** |
| Medical Entomologist | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | **1** | **-** | **1** |
| **Radiography** | **8** | **5** | **13** | **8** | **5** | **13** | **17** | **6** | **23** | **17** | **7** | **24** | **19** | **7** | **26** |
| Radiographer | 5 | 3 | 8 | 5 | 3 | 8 | 13 | 3 | 16 | 13 | 4 | 17 | **`14** | **5** | **19** |
| Radiologist | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | **1** | **-** | **1** |
| Radiographic Asst. | 2 | 2 | 4 | 2 | 2 | 4 | 3 | 3 | 6 | 3 | 3 | 6 | **4** | **2** | **6** |
| **Orthopaedics** | **3** | **0** | **3** | **3** | **0** | **3** | **4** | **0** | **4** | **4** | **0** | **4** | **4** | **1** | **5** |
| Orthopedic Assistant | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | **1** | **-** | **1** |
| Orthopedic Technician | 2 | 0 | 2 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | **3** | **1** | **4** |
| **Opthalmic** | **3** | **2** | **5** | **3** | **2** | **5** | **5** | **2** | **7** | **6** | **2** | **8** | **8** | **3** | **11** |
| Optometrist | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 3 | **4** | **2** | **6** |
| Ophthalmic Clinician | 2 | 0 | 2 | 2 | 0 | 2 | 4 | 0 | 4 | 4 | 0 | 4 | **4** | **-** | **4** |
| Ophthalmic Surgeon | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | **-** | **1** | **1** |
| **Occupation** | **0** | **1** | **1** | **0** | **1** | **1** | **0** | **1** | **1** | **0** | **1** | **1** | **-** | **1** | **1** |
| Occupational Therapist | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | **-** | **1** | **1** |
| **Total** | **390** | **979** | **1,369** | **462** | **1,079** | **1,541** | **862** | **1,403** | **2,265** | **890** | **1,500** | **2,390** | **903** | **1,546** | **2,449** |

**Source:** Ministry of Health, Zanzibar

**Table M. 7: Number of In-patients and Out-patients in Public Health Facilities, Tanzania Zanzibar, 2011 – 2016**

| Type of Patient | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|
| Out-patient | 395,964 | 379,224 | 383,789 | 361,732 | 374,982 | 339,631 |
| In-patient | 70,857 | 72,373 | 72,961 | 78,469 | 63,991 | 60,107 |
| **Total** | **466,821** | **451,597** | **456,750** | **440,201** | **438,973** | **399, 738** |

**Source:** Ministry of Health, Zanzibar

# N:

# HOTELS AND NATIONAL PARKS

# N. Hotels and National Parks

## General Information

**Hotel Occupancy Statistics:** The monthly survey of hotels is conducted on sample basis by the National Bureau of Statistics with the objective of obtaining information for development planning in the hotel industry. The information is collected under the Statistics Act, 2015.

**National Parks:** At present there are sixteen national parks in Tanzania Mainland. These, together with the Ngorongoro Conservation Area, cover an area of about 57,024 square kilometers (6.5 percent of the total land area of Tanzania Mainland). In order to assess the volume of visits to the national parks, information is collected on a monthly basis from each national park. The information includes the number of visits by residence of visitors and the revenue collected. Below is a list of the sixteen national parks by size and the year of establishment.

**Table N. 1: National Parks in Tanzania Mainland**

| Name of Park | Altitude/Elevation (meters) | Date Declared |
|---|---|---|
| 1.Serengeti | 914 to 1,829 | 1951 |
| 2.Ruaha | 731 to 3,600 | 1964 |
| 3. Ngorongoro Conservation Area | 1,981 to 3200 | 1960 |
| 4.Mikumi | 550 | 1964 |
| 5.Tarangire | - | 1970 |
| 6.Katavi | - | 1974 |
| 7.Kilimanjaro | 5,620 | 1973 |
| 8.Mahale Mountains National Park | - | 1980 |
| 9.Lake Manyara | 1,372 | 1959 |
| 10.Rubondo Island | - | 1977 |
| 11.Arusha National Park including Mount Meru | 4,000 | 1959 |
| 12.Gombe Stream | - | 1968 |
| 13. Udzungwa Mountains | - | 1992 |
| 14.Mkomazi | - | 2007 |
| 15.Saadani | - | 2004 |
| 16.Kitulo | - | 2004 |
| 17. Saanane | - | 2012 |

**Source:** Ministry of Tourism and Natural Resources

**Table N. 2: Game Reserves in Tanzania Mainland**

| Name of Game Reserve | Area (sq. km) | Name of Game Reserve | Area (sq. km) |
|---|---|---|---|
| 1. Selous | 50,000 | 10.Umba | 1,500 |
| 2. Rungwa | 9,000 | 11. Biharamulo | 1,300 |
| 3. Kigosi | 8,000 | 12. Rumanyika | 800 |
| 4. Moyowosi | 6,000 | 13. Mount Meru | 300 |
| 5. Ugalla | 5,000 | 14. Ibanda | 200 |
| 6. Uwanda | 5,000 | | |
| 7. Burigi | 2,200 | | |
| 8. Maswa | 2,200 | | |
| 9. Kizigo | 2,000 | | |

**Source:** Ministry of Tourism and Natural Resources

**Table N. 3: Trends of Tourists Trade, Tanzania Mainland, 2012 - 2016**

| Description | Unit | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|
| Tourists | Number | 1,077,058 | 1,095,884 | 1,140,156 | 1,137,182 | 1,284,279 |
| Tourists in hotels | Number | 974,448 | 1,021,766 | 1,005,058 | 1,033,555 | 1,155,851 |
| Revenue | Mill. USD | 1,712.80 | 1,853.30 | 1,982.98 | 1,901.94 | 2,073.07 |
| Average days of staying in hotel | Day | 10 | 10 | 10 | 10 | 10 |
| Average money expenditure per tourist per day in USD | Package Tour | 384 | 372 | 378 | 305 | 351 |
| | Non Package Tour | 230 | 201 | 210 | 141 | 145 |

**Source**: Ministry of Natural Resources and Tourism

**Table N. 4: Number of Visitors to National Parks, Tanzania Mainland, 2003 - 2016**

| Year | Number of Visitors | Percent Change |
|---|---|---|
| 2003 | 576,000 | 0.2 |
| 2004 | 582,807 | 1.2 |
| 2005 | 612,754 | 5.1 |
| 2006 | 644,124 | 5.1 |
| 2007 | 719,031 | 11.6 |
| 2008 | 770,376 | 7.1 |
| 2009 | 714,367 | -7.3 |
| 2010 | 782,699 | 9.6 |
| 2011 | 867,994 | 10.9 |
| 2012 | 1,077,058 | 24.1 |
| 2013 | 1,095,884 | 1.7 |
| 2014 | 1,140,156 | 4.0 |
| 2015 | 1,137,182 | -0.3 |
| 2016 | 1,284,279 | 12.9 |

**Source:** National Bureau of Statistics

**Table N. 5: Revenue Collected by National Parks Authorities, Tanzania Mainland, 2003 – 2016**

| Year | Revenue (Million USD) | Percent Change |
|---|---|---|
| 2003 | 731 | 0.1 |
| 2004 | 746.1 | 2.1 |
| 2005 | 823.1 | 10.3 |
| 2006 | 950 | 15.4 |
| 2007 | 1198 | 26.1 |
| 2008 | 1,288.7 | 7.6 |
| 2009 | 1,159.8 | -10 |
| 2010 | 1,254.5 | 8.2 |
| 2011 | 1,324.83 | 5.6 |
| 2012 | 1,712.8 | 29.3 |
| 2013 | 1,853.3 | 8.2 |
| 2014 | 1,983 | 7 |
| 2015 | 1,901.9 | -4.1 |
| 2016 | 2,073.1 | 9 |

**Source:** National Bureau of Statistics.

**Table N. 6: Total Number of Tourists in the National Parks; Tanzania Mainland, 2013 – 2016**

| National Park | 2013 | | 2014 | | 2015 | | 2016 | |
|---|---|---|---|---|---|---|---|---|
| | Foreigners | Tanzanians | Foreigners | Tanzanians | Foreigners | Tanzanians | Foreigners | Tanzanians |
| Arusha | 30,706 | 41,224 | 31,375 | 36,840 | 24,708 | 31,089 | 26,714 | 33,463 |
| Gombe | 996 | 775 | 1,120 | 740 | 723 | 895 | 956 | 958 |
| Katavi | 1,703 | 2,572 | 1,928 | 2,541 | 1,200 | 2,445 | 1,159 | 3,066 |
| Kilimanjaro | 50,319 | 2,935 | 52,447 | 2,784 | 41,038 | 3,328 | 43,893 | 3,508 |
| Kitulo | 99 | 334 | 149 | 493 | 70 | 592 | 95 | 311 |
| Lake Manyara | 123,502 | 64,271 | 116,511 | 64,249 | 92,341 | 62,287 | 103,830 | 57,855 |
| Mahale | 1,056 | 38 | 844 | 111 | 896 | 171 | 690 | 166 |
| Mikumi | 15,750 | 30,138 | 20,869 | 32,732 | 17,117 | 35,311 | 22,923 | 38,003 |
| Mkomazi | 550 | 1,256 | 695 | 1,115 | 563 | 1,905 | 573 | 1,482 |
| Ruaha | 12,616 | 9,150 | 13,490 | 6,718 | 11,558 | 7,403 | 11,233 | 12,958 |
| Rubondo | 450 | 458 | 549 | 560 | 447 | 501 | 433 | 739 |
| Saadani | 3,378 | 11,331 | 4,042 | 14,527 | 3,143 | 19,854 | 3,548 | 18,722 |
| Serengeti | 179,282 | 273,203 | 476 | 10,161 | 413 | 13,132 | 201,728 | 174,047 |
| Tarangire | 107,567 | 58,382 | 187,498 | 215,069 | 167,988 | 204,998 | 130,085 | 78,573 |
| Udzungwa | 3,147 | 3,984 | 122,019 | 52,847 | 116,590 | 58,585 | 2,759 | 5,557 |
| Saanane | 163 | 4,987 | 3,903 | 5,616 | 2,604 | 6,310 | 464 | 11,102 |
| **Jumla** | **531,284** | **505,038** | **557,915** | **447,103** | **481,399** | **448,806** | 551,083 | 440,510 |

**Source:** Tanzania National Parks (TANAPA)

# O:

# RETAIL PRICES

# O. Retail Prices

## National Consumer Price Index (NCPI)

### Definition

The NCPI measures the change over time in the cost of a fixed basket of goods and services that are purchased by a representative sample of households in Tanzania. A basket includes 224 goods and services that are being priced on monthly basis.

### Weights and a reference period

The NCPI weights are based on monetary expenditures relating to consumption for all private households in the 21 geographic regions of Tanzania Mainland. The index weights are based on expenditures of both urban and rural households derived from 2007 Household Budget Survey and the price reference period is September 2010.

### Classification

The NCPI follows the internationally recommended Classification of Individual Consumption by Purpose (COICOP). NCPI is being disseminated with indices for the 12 major groups of COICOP as well as several additional index aggregations. These additional indices are; 1) Food and Non-alcoholic Beverages - combining food consumed at home and food consumed in restaurants; 2) Energy and Fuels - combining electricity and other fuels for use at home including petrol and diesel; 3) All Items Less Food; and 4) All Items Less Food and Energy.

### Methodology

The NCPI has incorporated a number of methodological improvements including the use of geometric means for compiling elementary index aggregates, the use of an improved index compilation system, and improved procedures for collecting and processing prices. The modified Laspeyres index formula continues to be used for computing higher level aggregates for the NCPI.

**Table O. 1: Weights for CPI Major Groups, Tanzania Mainland, (Base September 2015= 100)**

| Groups | Weights |
|---|---|
| Food and Non-Alcoholic Beverages | 38.5 |
| Alcoholic Beverages, Tobacco and Narcotics | 3.7 |
| Clothing and Footwear | 8.3 |
| Housing, Water, Electricity, Gas and Other Fuel | 11.6 |
| Furnishing, Housing Equipment and Routine Maintenance of the House | 6.3 |
| Health | 2.9 |
| Transport | 12.5 |
| Communication | 5.6 |
| Recreation and Culture | 1.6 |
| Education | 1.5 |
| Restaurants and Hotels | 4.2 |
| Miscellaneous Goods and Services | 3.1 |
| **Total** | **100.0** |

**Source:** National Bureau of Statistics

**Table O. 2: Weights for CPI Major Groups, Tanzania Zanzibar, (Base August 2012 = 100)**

| Group | Weights |
|---|---|
| Food and Non-alcoholic Beverages | 49.5 |
| Alcoholic Beverages, Tobacco and Narcotics | 0.3 |
| Clothing and Footwear | 9.3 |
| Housing, Water, Electricity, Gas, and Other Fuels | 17.1 |
| Furnishing, Household Equipment and Routine Household Maintenance | 4.6 |
| Health | 2.8 |
| Transport | 6.3 |
| Communication | 2.6 |
| Recreation and Culture | 0.8 |
| Education | 1.3 |
| Restaurants and Hotels | 2.1 |
| Miscellaneous Goods and Services | 3.2 |
| **Food** | **51.6** |
| **Non - Food** | **48.4** |
| **All items** | **100.0** |

**Source:** Office of Chief Government Statistician, Zanzibar

**Table O. 3: Annual Average Prices of Some Consumer Goods in Dar-es-Salaam, 2011– 2015**

| Goods | Unit | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|
| Maize | 1 Kg | 661.42 | 788.31 | 983.36 | 948.38 | 957.66 |
| Potatoes | 1 Kg | 723.87 | 770.44 | 826.99 | 928.71 | 1,057.78 |
| Bread | 1/2Kg | 693.09 | 805.95 | 837.37 | 847.18 | 838.31 |
| Tomatoes | 1Kg | 932.10 | 900.74 | 1074.78 | 1,186.31 | 1,300.85 |
| Onions | 1Kg | 1,179.23 | 1,165.01 | 1,241.72 | 1,400.21 | 1,685.18 |
| Sweet banana | 1Kg | 848.94 | 1,059.19 | 1,175.13 | 1,293.73 | 1,168.18 |
| Beans(Soya Blanket) | 1Kg | 1597.98 | 1,761.71 | 1,865.95 | 2,039.15 | 2,078.81 |
| Beef without bones (Steak) | 1Kg | 5,890.13 | 6,488.34 | 6,701.45 | 6,897.54 | 6,637.81 |
| Fresh fish | 1Kg | 5,030.01 | 6,173.52 | 7,053.48 | 7,738.69 | 8,045.98 |
| Eggs(Traditional) | One | 399.86 | 455.03 | 490.90 | 500.00 | 502.88 |
| Fresh Cow milk | 1Litre | 1,250.37 | 1,302.68 | 1,292.66 | 1,415.25 | 1,476.22 |
| Margarine | 1/2Kg | 2,911.21 | 3,443.38 | 3,586.18 | 3,592.15 | 3,675.25 |
| Tea leaves (Chai bora) | 100Gm | 515.43 | 579.31 | 611.48 | 636.39 | 670.01 |
| Coffee (Africafe) | 150Gm | 4,230.00 | 4,605.61 | 4,788.02 | 4,890.81 | 5,057.30 |
| Sugar | 1Kg | 1,899.45 | 2,049.68 | 1,998.54 | 1,931.81 | 1,907.96 |
| Beer | 1/2Litre | 1,536.57 | 1,776.58 | 1,931.97 | 2,110.54 | 2,316.16 |
| Cigarette (Sweet Menthol) | 1Packet | 2,056.84 | 2,239.42 | 2,563.49 | 2,690.05 | 2,738.61 |
| Cigarette (Portsman) | 1Packet | 2,075.78 | 2,239.42 | 2,561.86 | 2,689.30 | 2,738.61 |
| Kerosene | 1Litre | 1,685.82 | 2,010.84 | 1,995.82 | 2,031.39 | 1,707.40 |
| Petrol super | 1Litre | 1,987.42 | 2,112.30 | 2,079.49 | 2,188.04 | 1964.85 |

**Source:** National Bureau of Statistics

**Table O. 4: Consumer Price Index in Tanzania Mainland (December 2015 = 100); Tanzania Mainland, 1995 – 2016**

| Year | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Average | Percent Change |
|---|---|---|---|---|---|---|
| 1995 | 17.37 | 17.61 | 17.99 | 18.92 | 17.99 | - |
| 1996 | 21.77 | 21.89 | 21.27 | 22.08 | 21.77 | 21.0 |
| 1997 | 25.06 | 25.55 | 24.93 | 25.49 | 25.24 | 15.9 |
| 1998 | 28.72 | 28.78 | 27.97 | 28.53 | 28.47 | 12.8 |
| 1999 | 31.26 | 31.13 | 30.08 | 30.51 | 30.76 | 8.0 |
| 2000 | 33.24 | 32.99 | 31.82 | 32.25 | 32.56 | 5.9 |
| 2001 | 34.98 | 34.73 | 33.43 | 33.86 | 34.24 | 5.2 |
| 2002 | 35.41 | 35.66 | 35.54 | 36.28 | 35.72 | 4.3 |
| 2003 | 37.15 | 37.58 | 37.34 | 38.33 | 37.58 | 5.2 |
| 2004 | 39.01 | 39.01 | 39.07 | 40.44 | 39.38 | 4.8 |
| 2005 | 40.62 | 41.18 | 41.31 | 42.42 | 41.37 | 5.1 |
| 2006 | 43.79 | 44.90 | 43.72 | 45.09 | 44.34 | 7.2 |
| 2007 | 46.89 | 47.45 | 47.38 | 48.19 | 47.51 | 7.1 |
| 2008 | 51.04 | 51.91 | 52.28 | 54.21 | 52.35 | 10.2 |
| 2009 | 57.74 | 57.80 | 58.42 | 60.97 | 58.73 | 12.2 |
| 2010 | 61.34 | 62.14 | 61.90 | 62.39 | 61.96 | 5.5 |
| 2011 | 65.80 | 68.16 | 71.01 | 74.24 | 69.77 | 12.6 |
| 2012 | 78.58 | 80.50 | 81.43 | 83.36 | 81.00 | 16.1 |
| 2013 | 86.70 | 87.32 | 86.95 | 88.44 | 87.32 | 7.8 |
| 2014 | 91.94 | 92.90 | 92.70 | 93.27 | 92.70 | 6.2 |
| 2015 | 95.75 | 97.84 | 98.54 | 99.42 | 97.89 | 5.6 |
| 2016 | 101.36 | 102.97 | 103.28 | 104.18 | 102.95 | 5.2 |

**Source:** National Bureau of Statistics

**Table O. 5: Consumer Price Index for Middle Income Earners in Dar es Salaam (December. 2015 = 100); Tanzania Mainland, 1995 – 2016**

| Year | First Quarter | Second Quarter | Third Quarter | Fourth Quarter | Average | Percent Change |
|---|---|---|---|---|---|---|
| 1995 | 19.6 | 20.2 | 20.9 | 22.5 | 20.8 | 28.0 |
| 1996 | 24.6 | 24.9 | 23.6 | 23.6 | 24.2 | 16.2 |
| 1997 | 25.4 | 26.0 | 25.3 | 26.2 | 25.7 | 6.4 |
| 1998 | 27.8 | 27.0 | 26.1 | 27.0 | 27.0 | 4.9 |
| 1999 | 27.7 | 28.1 | 26.2 | 26.8 | 27.2 | 0.9 |
| 2000 | 27.0 | 28.1 | 27.2 | 29.4 | 27.9 | 2.5 |
| 2001 | 30.5 | 28.9 | 28.7 | 28.4 | 29.1 | 4.5 |
| 2002 | 30.0 | 30.0 | 30.2 | 30.4 | 30.2 | 3.5 |
| 2003 | 30.4 | 30.4 | 30.9 | 31.7 | 30.8 | 2.3 |
| 2004 | 32.8 | 33.1 | 33.5 | 34.2 | 33.4 | 8.2 |
| 2005 | 34.9 | 35.3 | 36.7 | 37.3 | 36.0 | 7.9 |
| 2006 | 38.3 | 39.4 | 39.5 | 40.2 | 39.3 | 9.2 |
| 2007 | 41.7 | 43.3 | 44.4 | 46.0 | 43.9 | 11.5 |
| 2008 | 48.5 | 49.9 | 51.2 | 52.7 | 50.6 | 15.3 |
| 2009 | 55.7 | 57.3 | 60.3 | 62.3 | 58.9 | 16.4 |
| 2010 | 63.9 | 64.6 | 65.1 | 65.6 | 64.8 | 10.0 |
| 2011 | 67.9 | 69.3 | 70.3 | 72.1 | 69.9 | 7.9 |
| 2012 | 78.4 | 81.6 | 82.7 | 83.4 | 81.5 | 16.6 |
| 2013 | 87.6 | 88.6 | 88.5 | 88.4 | 88.3 | 8.3 |
| 2014 | 92.8 | 94.2 | 94.5 | 93.5 | 93.7 | 6.1 |
| 2015 | 96.5 | 98.9 | 100.6 | 100.0 | 99.0 | 5.7 |
| 2016 | 102.1 | 104.4 | 103.8 | 103.8 | 103.5 | 4.5 |

**Source:** National Bureau of Statistics

**Table O. 6: Inflation Rates for Tanzania Mainland, 2006 – 2016**

| Year | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Inflation Rates** | 7.3 | 7.0 | 10.3 | 12.1 | 5.5 | 12.7 | 16.0 | 7.9 | 6.1 | 5.6 | 5.2 |

**Source:** National Bureau of Statistics

**Table O. 7: Trend of Annual Comsumer Price Index for Food, Non Food and all Items (December 2015 = 100); Tanzania Mainland, 2006 – 2016**

| Year | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Food | 36.9 | 39.4 | 44.5 | 52.2 | 55.6 | 63.5 | 76.3 | 82.9 | 89.2 | 96.9 | 104.2 |
| Non food | 56.7 | 60.7 | 64.8 | 67.2 | 71.7 | 78.2 | 86.5 | 93.0 | 97.5 | 99.3 | 102.3 |
| **All Items** | **44.4** | **47.5** | **52.4** | **58.7** | **61.9** | **69.8** | **81.0** | **87.3** | **92.7** | **97.9** | **102.9** |

**Source:** National Bureau of Statistics

**Table O. 8: Tanzania Mainland Consumer Price Index (December 2015 = 100) 2011 – 2016.**

| Major Groups | Weights | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|
| Food and Non Alcoholic Beverages | 38.5 | 63.39 | 76.44 | 82.92 | 89.08 | 96.57 | 103.82 |
| Alcoholic Beverages, Tobacco and Narcotics | 3.7 | 69.10 | 79.35 | 90.44 | 95.76 | 98.98 | 103.22 |
| Clothing and Footwear | 8.3 | 76.25 | 86.79 | 91.72 | 94.48 | 98.14 | 102.25 |
| Housing, Water, Electricity, Gas and Other Fuel | 11.6 | 67.54 | 78.56 | 89.71 | 99.28 | 100.61 | 107.26 |
| Furnishing, Housing Equipment and Routine Maintenance of the House | 6.3 | 83.58 | 91.14 | 94.90 | 96.69 | 97.96 | 101.74 |
| Health | 2.9 | 86.50 | 89.16 | 91.65 | 94.99 | 97.64 | 103.35 |
| Transport | 12.5 | 84.91 | 90.07 | 95.77 | 99.45 | 98.57 | 99.46 |
| Communication | 5.6 | 100.40 | 99.17 | 98.84 | 99.57 | 99.58 | 99.13 |
| Recreation and Culture | 1.6 | 85.58 | 94.08 | 96.09 | 96.81 | 98.16 | 101.05 |
| Education | 1.5 | 85.84 | 89.76 | 91.95 | 96.78 | 99.45 | 102.33 |
| Restaurants and Hotels | 4.2 | 75.06 | 87.49 | 92.28 | 94.74 | 98.81 | 103.14 |
| Miscellaneous Goods and Services | 3.1 | 77.04 | 85.28 | 90.12 | 95.62 | 98.16 | 101.70 |
| **Total** | **100** | **69.80** | **80.97** | **87.35** | **92.70** | **97.89** | **102.95** |

**Source**: National Bureau of Statistics

**Table O. 9: Tanzania Zanzibar Annual Inflation Rates, (Base August 2012 = 100); 2008 – 2016**

| Year | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|
| Food | 24.3 | 9.6 | 6.2 | 18.8 | 6.7 | 1.8 | 4.4 | 7.4 | 8.4 |
| Non - Food | 16.6 | 6.1 | 6.2 | 9.9 | 13.2 | 8.5 | 6.8 | 4.0 | 4.8 |
| **Inflation Rates** | **20.6** | **8.9** | **6.1** | **14.7** | **9.4** | **5.0** | **5.6** | **5.7** | **6.7** |

*2006 - 2013 Base 2005 = 100 New Basket August 2012=100*

**Source:** Office of Chief Government Statistician

**Table O. 10: Tanzania Zanzibar Consumer Price Index, (Base August 2012 = 100); 2012 – 2016**

| Description | | (Base Aug 2012 = 100) | | | | |
|---|---|---|---|---|---|---|
| | Weight (2009/10) | 2012 | 2013 | 2014 | 2015 | 2016 |
| Food and Non-Alcoholic Beverages | 49.5 | 97.7 | 99.2 | 103.9 | 111.4 | 120.1 |
| Alcohol Beverages, Tobacco and Narcotics | 0.3 | 96.0 | 107.3 | 108.8 | 113.6 | 117.5 |
| Clothing and Footwear | 9.3 | 97.5 | 110.1 | 116.0 | 124.3 | 132.4 |
| Housing, Water, Electricity, Gas, and Other Fuels | 17.1 | 100.5 | 107.1 | 113.3 | 116.6 | 120.6 |
| Furnishing, Household Equipment and Routine Household Maintenance | 4.6 | 98.0 | 104.1 | 107.7 | 112.6 | 118.0 |
| Health | 2.8 | 97.3 | 102.8 | 104.2 | 110.9 | 123.6 |
| Transport | 6.3 | 101.3 | 104.5 | 106.5 | 102.2 | 102.6 |
| Communication | 2.6 | 99.8 | 118.3 | 166.7 | 192.1 | 199.5 |
| Recreation and Culture | 0.8 | 98.7 | 110.1 | 124.9 | 128.2 | 131.2 |
| Education | 1.3 | 100.3 | 116.0 | 132.5 | 137.9 | 150.6 |
| Restaurants and Hotels | 2.1 | 98.6 | 100.1 | 100.7 | 113.5 | 140.1 |
| Miscellaneous Goods and Services | 3.2 | 99.3 | 113.0 | 120.7 | 126.1 | 137.5 |
| **Food** | 51.6 | 97.7 | 99.5 | 103.9 | 111.5 | 120.9 |
| **Non - Food** | 48.4 | 99.3 | 107.8 | 115.1 | 119.7 | 125.4 |
| **All Items** | 100.0 | 98.5 | 103.4 | 109.2 | 115.4 | 123.1 |

**Source:** Office of Chief Government Statistician

# P:

# CRIME STATISTICS

# P. Crime Statistics

The country's crime statistics bring together statistical information on various social issues. The offences are divided into offences against person, property, public tranquillity and events related to road accidents.

Currently, there is an increase in demand and use of crime statistics from various stakeholders. Tables P.1 to P.6 present statistics on crime.

**Table P. 1: Percentage of Offences by Crime Category, Tanzania, 2012-2016**

| Crime Category | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|
| Offences Against Person | 15.4 | 15.5 | 15.9 | 15.5 | 16.6 |
| Offences Related to property | 64.3 | 62.1 | 62.4 | 58.7 | 53.9 |
| Offence Against Public Tranquility | 20.3 | 22.4 | 21.6 | 25.7 | 29.4 |
| **Total** | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

**Source:** Tanzania Police Force

**Table P. 2: Number of serious Crime Cases by Category , Tanzania, 2010 – 2016**

| Crime Category | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|
| Against Person | 11,364 | 11,049 | 11,206 | 11,335 | 11,166 | 10,698 | 12,567 |
| Related to Property | 68,527 | 50,863 | 46,773 | 45,470 | 43,808 | 40,427 | 40,700 |
| Against Public Tranquillity | 14,499 | 14,140 | 14,786 | 16,414 | 15,179 | 17,689 | 22,220 |
| **Total** | **94,390** | **76,052** | **72,765** | **73,219** | **70,153** | **68,814** | **75,487** |

**Source:** Tanzania Police Force

**Table P. 3: Number of Traffic Incidents by Type, Tanzania, 2010 - 2016**

| Type of Incidents | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|
| Roads Accidents (Serious) | 24,926 | 23,986 | 23,604 | 24,480 | 15,420 | 8,777 | 10,297 |
| Fatal Road Accidents | 3,159 | 3,349 | 3,429 | 3,545 | 3,106 | 2,909 | 2,840 |
| Number of Deaths | 3,687 | 3,981 | 4,062 | 4,091 | 3,857 | 3,574 | 3,381 |
| Number of Injured Persons | 20,064 | 20,802 | 20,037 | 21,536 | 15,230 | 9,993 | 9,549 |

**Source:** Tanzania Police Force

**Table P. 4: Number of Criminal and Traffic Cases by Type, Tanzania, 2015 and 2016**

| Type of Case | 2015 | 2016 | 2015/2016 | |
|---|---|---|---|---|
| | | | Difference | Percent Change |
| **Tanzania** | | | | |
| **Criminal cases** | | | | |
| Minor cases | 450,389 | 563,787 | 113,398 | 25.2 |
| Serious cases | 68,814 | 75,487 | 6,673 | 9.7 |
| **Sub - Total** | **519,203** | **639,274** | **120,071** | **23.1** |
| **Traffic cases** | | | | |
| Minor cases | 1,381,705 | 2,200,442 | 818,737 | 59.3 |
| Serious cases | 8,777 | 10,297 | 1,520 | 17.3 |
| **Sub - Total** | **1,390,482** | **2,210,739** | **820,257** | **59.0** |
| **Grand Total** | **1,909,685** | **2,850,013** | **940,328** | **49.2** |
| | | | | |
| **Tanzania Mainland** | | | | |
| **Criminal cases** | | | | |
| Minor cases | 449,324 | 556,544 | 107,220 | 23.9 |
| Serious cases | 68,274 | 72,654 | 4,380 | 6.4 |
| **Sub - Total** | **517,598** | **629,198** | **111,600** | **21.6** |
| **Traffic cases** | | | | |
| Minor cases | 1,366,181 | 2,180,158 | 813,977 | 59.6 |
| Serious cases | 8,337 | 9,856 | 1,519 | 18.2 |
| **Sub - Total** | **1,374,518** | **2,190,014** | **815,496** | **59.3** |
| **Grand Total** | **1,892,116** | **2,819,212** | **927,096** | **49.0** |
| | | | | |
| **Tanzania Zanzibar** | | | | |
| | | | | |
| Minor cases | 1,065 | 7,143 | 6,078 | 570.7 |
| Serious cases | 540 | 2,833 | 2,293 | 424.6 |
| **Sub - Total** | **1,605** | **9,976** | **8,371** | **521.6** |
| **Traffic cases** | | | | |
| Serious cases | 440 | 441 | 1 | 0.2 |
| **Sub - Total** | **15,964** | **20,725** | **4,761** | **29.8** |
| **Grand Total** | **17,569** | **30,701** | **13,132** | **74.7** |

**Source:** Tanzania Police Force

**Table P. 5: Offences Against Property: Number of Cases by Type of Offence, Tanzania, 2015 and 2016**

| Offence | 2015 | 2016 | Difference (2015 and 2016) | Change (percent) |
|---|---|---|---|---|
| Theft of Arms | 52 | 33 | -19 | -36.5 |
| Robbery in Highway | 3 | 29 | 26 | 866.7 |
| Armed Robbery | 911 | 726 | -185 | -20.3 |
| Robbery with Violence | 4,507 | 3,945 | -562 | -12.5 |
| Breaking | 20,340 | 19,803 | -537 | -2.6 |
| Theft | 179 | 193 | 14 | 7.8 |
| Stealing of Motorcycle | 5,317 | 5,633 | 316 | 5.9 |
| Stealing of Motorvehicle | 488 | 452 | -36 | -7.4 |
| Counterfeiting of Banknotes | 416 | 563 | 147 | 35.3 |
| Livestock theft | 4,879 | 5,106 | 227 | 4.7 |
| Theft in bank | 45 | 23 | -22 | -48.9 |
| Theft in parastatal organisations | 72 | 90 | 18 | 25.0 |
| Theft in cooperative union | 2 | 56 | 54 | 2,700.0 |
| Theft in local government | 11 | 152 | 141 | 1,281.8 |
| Theft in central government | 11 | 38 | 27 | 245.5 |
| Theft in political party | 12 | 0 | -12 | -100.0 |
| Arson | 2,031 | 1,962 | -69 | -3.4 |
| Fire Accident | 577 | 828 | 251 | 43.5 |
| Forgery | 577 | 1,068 | 491 | 85.1 |
| **Total** | **40,430** | **40,700** | **270** | **0.7** |

**Source:** Tanzania Police Force

# Q:

# INVESTMENT

# Q. Investment

## Investment

The Tanzania Investment Centre (TIC) was a primary agency of the Government established in 1997 by the Tanzania Investment Act to coordinate, encourage, promote and facilitate investment in Tanzania and to advise the Government on investment policy and related matters.

The TIC deals with all enterprises whose minimum capital investment is USD 300,000 or more for foreign owned enterprises and USD 100,000 or more for national enterprises. Enterprises engaged in mining and petroleum follow the approval process contained in their respective laws. However, the agency assists all investors to obtain permits, authorization etc. required by other laws to set up and operate investments in Tanzania.

**Table Q. 1: Services Rendered by the Tanzania Investment Centre, 2010 - 2012**

| Service | 2010 | 2011 | 2012 |
|---|---|---|---|
| Immigration | 2,662 | 2,535 | 3,414 |
| Employment | 3,284 | 2,542 | - |
| Company registration | 49 | 43 | 178 |
| Businesses registration | 75 | 100 | 234 |
| Land | 1,677 | 4,292 | 2,793 |
| Tax | 3,351 | 4,342 | 3,758 |
| **Total** | **11,098** | **13,854** | **10,377** |

**Source:** Tanzania Investment Centre (TIC)

**Table Q. 2: Total Value of Foreign Direct Investment Capital, Tanzania Mainland, 2000 – 2013**

**Mill. USD**

| Year | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
|---|---|---|---|---|---|---|---|---|
| Value of FDI | 616.6 | 653.4 | 744.0 | 558.4 | 1800.0 | 1330.0 | 1,799.6r | 1,872.4 |

**Source:** Tanzania Investment Centre (TIC)

**Table Q. 3: Number of Projects Approved Through Tanzania Investment Centre (TIC) by Sector, Tanzania Mainland, 2012 and 2013**

| Sector | 2012 | | | | | | | | 2013 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | A | B | C | D | E | F | G | H |
| Agriculture and Livestock | 60 | 51 | 9 | 28 | 19 | 13 | 51,939 | 821.8 | 43 | 31 | 12 | 15 | 12 | 16 | 20,635 | 529.2 |
| Natural Resources | 2 | 0 | 2 | 2 | 0 | 0 | 110 | 5.6 | 6 | 5 | 1 | 2 | 3 | 1 | 2,526 | 73.3 |
| Tourism | 209 | 161 | 48 | 144 | 31 | 34 | 10,788 | 741.2 | 186 | 153 | 33 | 93 | 38 | 55 | 10,745 | 664.3 |
| Manufacturing | 225 | 184 | 41 | 86 | 74 | 65 | 24,039 | 2,976.4 | 258 | 225 | 33 | 95 | 75 | 88 | 26,927 | 2,343.4 |
| Petroleum products and Mining | 1 | 1 | 0 | 0 | 0 | 1 | 64 | 8.1 | 2 | 2 | - | - | - | 2 | 98 | 2.6 |
| Commercial Buildings | 128 | 113 | 15 | 78 | 30 | 20 | 57,541 | 838.9 | 132 | 120 | 12 | 77 | 20 | 35 | 9130 | 1,728.0 |
| Transport | 163 | 139 | 24 | 92 | 35 | 36 | 17,076 | 855.0 | 182 | 149 | 33 | 107 | 24 | 51 | 16,473 | 842.4 |
| Services | 15 | 15 | 0 | 1 | 7 | 7 | 1,892 | 424.3 | 8 | 5 | 3 | 1 | 3 | 4 | 570 | 29.9 |
| Computer | 2 | 0 | 2 | 1 | 0 | 1 | 67 | 7.0 | 1 | 1 | - | - | 1 | - | 50 | 1.9 |
| Financial | 7 | 4 | 3 | 3 | 2 | 2 | 755 | 67.1 | 4 | 4 | - | 1 | - | 3 | 6,979 | 9.9 |
| Communication | 4 | 2 | 2 | 2 | 0 | 2 | 803 | 2,969.7 | 9 | 8 | 1 | 1 | 2 | 5 | 2,244 | 944.7 |
| Human Resources | 33 | 29 | 4 | 20 | 4 | 9 | 1,781 | 95.0 | 32 | 27 | 5 | 14 | 5 | 13 | 2,813 | 177.2 |
| Energy | 7 | 7 | 0 | 2 | 2 | 3 | 4,529 | 1,344.1 | 8 | 6 | 2 | 4 | - | 5 | 2,593 | 823.1 |
| Economic Infrastructure | 7 | 6 | 1 | 5 | 1 | 1 | 2,901 | 261.5 | 7 | 6 | 1 | 2 | - | 5 | 100,369 | 80,035.1 |
| Broadcasting | 6 | 6 | 0 | 5 | 0 | 1 | 127 | 4.5 | 7 | 7 | - | 5 | 1 | 1 | 335 | 31.3 |
| **Total** | **869** | **718** | **151** | **469** | **205** | **195** | **174,412** | **11,420.1** | **885** | **749** | **136** | **417** | **184** | **284** | **202,487** | **88,236.3** |

A Total number of approved projects
B New projects
C Old projects (expansion and rehabilitation)
D Local projects
E Foreign Projects
F Joint projects
G Total employment
H Total investment (TZS Million)

**Source:** Tanzania Investment Centre (TIC)

# R:
# ENVIRONMENT STATISTICS

# R. Environment Statistics

Environment is an issue that involves all sectors under the mainstream ministries. The demand for environment statistics is increasing in response to the continued environmental challenges faced by modern society. The recognition that human wellbeing depends on the environment has led to an increased emphasis on environmental and sustainability concerns on which decisions and actions need to be taken. Paramount to these actions is the regular production of environment statistics to support evidence-based policy-making.

In various sectors, the environment is impacted upon through deliberate human activities done in the pursuit of livelihood, while some impacts occur naturally. The impacts can be either positive or negative.

Environment statistics describe the state and trend of the environment, and its most relevant changes through space and time. Environment statistics are integrative in nature, measuring human activities and natural events that affect the environment as well as the impacts of these activities and events, also social responses to environmental impacts and the quality and availability of natural assets. Environment statistics are necessary for producing environmental assessments, state of the environment reports, environment publication/compendia, environmental indicators, indicators of sustainable development as well as to support environmental economic accounting.

**Table R. 1: Distribution of Forest Area by Category, Tanzania Mainland, 2013/14**

| Category | Area ('000 ha) | Percent |
|---|---|---|
| **Type** | | |
| Forests (Montane, Lowland and Plantation) | 3,206 | 6.7. |
| Mangrove forests | 158 | 0.3 |
| Woodlands | 44,736 | 93..0 |
| **Total** | **48,100** | **100.0** |
| **Use of forest land** | | |
| Production forest area | 29,004 | 60.3 |
| Protection forest area (mostly catchments areas) | 19, 096 | 39.7. |
| **Total** | **48,100** | **100.0** |
| **Legal status** | | |
| Forest reserves | 18,711 | 38.9 |
| Forest/woodlands in national parks, etc. | 11,207 | 23.3. |
| Non-reserved forest land | 18,182 | 37.8 |
| **Total** | **48,100** | **100.0** |

**Source**: Ministry of Natural Resources and Tourism, Forestry and Beekeeping Department

**Table R. 2: Number of Fishers, Fishing Crafts and Fish Catches in Marine and Fresh Waters, Tanzania Mainland, 2007 – 2016**

| Year | Number of Fishers | Number of Crafts | Fish Catches | |
|---|---|---|---|---|
| | | | Weight (tonnes) | Value (TZS 000) |
| 2007 | 163,037 | 51,851 | 327,845 | 291,764,549 |
| 2008 | 170,038 | 52,327 | 324,821 | 371,395,387 |
| 2009 | 172,090 | 52,898 | 335,674 | 410,423,479 |
| 2010 | 163,601 | 50,001 | 347,157 | 774,483,954 |
| 2011 | 177,527 | 55,299 | 341,066 | 1,198,838,634 |
| 2012 | 182,741 | *56,985* | 365,023 | 1,307,131,724 |
| 2013 | 183,431 | 57,385 | 375,160 | 1,473,305,761 |
| 2014 | 183,800 | 57,291 | 365,974 | 1,494,898,413 |
| 2015 | 183,800 | 57,291 | 362,645 | 1,481,749,577 |
| 2016 | 200,579 | 59,338 | 362,595 | 1,486,377,303 |

**Source:** Ministry of Livestock and Fisheries Development, Fisheries Development Division

**Table R.2 a: Number of Fishers, Fishing Crafts and Fish Catches in Marine Water, Tanzania Mainland, 2007 – 2016**

| Year | Number of Fishers | Number of Crafts | Fish Catches | |
|---|---|---|---|---|
| | | | Weight (tonnes) | Value (TZS 000) |
| 2007 | 36,247 | 7,342 | 43,499 | 39,239,352 |
| 2008 | 36,247 | 7,342 | 43,130 | 51,756,216 |
| 2009 | 36,321 | 7,664 | 47,616 | 67,930,600 |
| 2010 | 36,321 | 7,664 | 52,683 | 89,639,934 |
| 2011 | 36,321 | 7,664 | 50,592 | 166,954,953 |
| 2012 | 36,321 | 7,664 | 50,079 | 177,781,799 |
| 2013 | 36,321 | 7,664 | 52,846 | 195,529,127 |
| 2014 | 36,321 | 7,664 | 51,912 | 207,648,000 |
| 2015 | 36,321 | 7,664 | 52,723 | 210,892,897 |
| 2016 | 54,511 | 9,650 | 53,823 | 211,891,899 |

**Source:** Ministry of Livestock and Fisheries Development, Fisheries Development Division

**Table R.2 b: Number of Fishers, Fishing Crafts Fish Catches and Value in Fresh Water, Tanzania Mainland, 2007 – 2016**

| Year | | | Fish Catches | |
|---|---|---|---|---|
| | No. of Fishers | No. of Crafts | Weight (Tonnes) | Value (TZS 000) |
| 2007 | 126,790 | 44,362 | 284,347 | 252,525,197 |
| 2008 | 133,791 | 44,832 | 281,691 | 319,639,171 |
| 2009 | 135,769 | 45,234 | 288,059 | 342,492,879 |
| 2010 | 141,206 | 47,635 | 294,474 | 684,844,020 |
| 2011 | 141,206 | 47,635 | 290,474 | 1,031,883,681 |
| 2012 | 146,420 | 49,321 | 314,944 | 1,129,349,925 |
| 2013 | 147,020 | 49,721 | 322,314 | 1,277,776,634 |
| 2014 | 147,479 | 49,627 | 314,062 | 1,287,250,413 |
| 2015 | 147,479 | 49,627 | 309,922 | 1,270,856,680 |
| 2016 | 146,068 | 49,688 | 308,772 | 1,274,485,404 |

**Source**: Ministry of Livestock and Fisheries Development, Fisheries Development Division

**Table R. 3: Number of Hunting Companies and Tourist Hunters by Year, Tanzania Mainland, 2010 – 2016**

| Year | Number of Companies | Tourist Hunters | |
|---|---|---|---|
| | | Foreigners | Tanzanians |
| 2010 | 47 | 851 | 273 |
| 2011 | 42 | 862 | 171 |
| 2012 | 44 | 680 | 128 |
| 2013 | 60 | 831 | 364 |
| 2014 | 69 | 740 | 421 |
| 2015 | 59 | 566 | 64 |
| 2016 | 59 | 491 | 302 |

**Source:** Ministry of Natural Resources and Tourism, Wildlife Department

**Table R. 4: Elephant Ivory Seizure in Tanzania Mainland,2010 – 2014**

| Year | Incidents | No. of Suspects Arrested | Raw Ivory | | Worked Ivory | |
|---|---|---|---|---|---|---|
| | | | Pieces | Kgs | Pieces | Kgs |
| 2010 | 22 | 25 | 497 | 2,036.00 | 5 | 0.73 |
| 2011 | 12 | 10 | 1,197 | 2,909.00 | 10 | 0.40 |
| 2012 | 98 | 142 | 1,177 | 2,798.58 | 7 | 2.85 |
| 2013 | 102 | 145 | 3,789 | 12,193.68 | 695 | 52.28 |
| 2014 | 65 | 87 | 402 | 1,631.11 | 312 | 0. 51 |

**Source:** Ministry of Natural Resources and Tourism, Wildlife Department

**Table R. 5: List of National Parks with Boundary Districts, Size and Year of Establishment, Tanzania Mainland, 2015**

| SN | Name of National Park | Bordering District(s) | Area ($Km^2$) | Year |
|---|---|---|---|---|
| 1. | Gombe Stream | Kasulu, Kigoma Urban (Kigoma Region) | 52 | 1968 |
| 2. | Rubondo | Muleba (Kagera Region), Sengerema (Mwanza Region), Geita, Chato (Geita Region) | 456 | 1977 |
| 3. | Kitulo | Makete( Iringa Region), Mbeya Rural, Rungwe (Mbeya Region) | 465 | 2004 |
| 4. | Arusha | Arumeru (Arusha region) | 552 | 1960 |
| 5. | Lake Manyara | Babati,Mbulu (Manyara Region), Karatu, Monduli (Arusha Region) | 648 | 1959 |
| 6. | Saadani | Bagamoyo (Coast Region), Pangani, Handeni (Tanga Region) | 1,062 | 2004 |
| 7. | Mahale Mts. | Kigoma Rural (Kigoma Region), Mpanda (Rukwa Region) | 1,613 | 1980 |
| 8. | Kilimanjaro | Siha, Hai, Moshi Rural (Kilimanjaro Region), Longido (Arusha Region). | 1,668 | 1973 |
| 9. | Udzungwa | Kilombero, Kilosa (Morogoro region), Kilolo (Iringa region) | 1,990 | 1992 |
| 10. | Tarangire | Babati, Kiteto, Simanjiro (Manyara Region), Monduli (Arusha Region), Kondoa (Dodoma Region) | 2,850 | 1970 |
| 11. | Mikumi | Kilosa, Morogoro, Mvomero (Morogoro Region) | 3,230 | 1964 |
| 12. | Mkomazi | Same, Mwanga (Kilimanjaro region), Lushoto, Korogwe, Mkinga (Tanga Region) | 3,245 | 2007 |
| 13. | Katavi | Mpanda (Katavi Region) | 4,471 | 1974 |
| 14. | Serengeti | Meatu, Bariadi (Shinyanga Region), Magu (Mwanza Region), Bunda, Serengeti, Tarime (Mara Region), Ngorongoro (Arusha Region) | 14,763 | 1951 |
| 15. | Ruaha | Iringa Rural (Iringa Region, Mbarali, Chunya (Mbeya Region), Chamwino (Dodoma Region) | 20,300 | 1964 |
| 16. | Saa Nane Island | Nyamagana District (Mwanza Region) | 50 | 2012 |
| | **Total** | | **57,415** | |

**Source:** Ministry of Natural Resources and Tourism, Wildlife Department

# S:

# OTHER STATISTICS

# S. Other Statistics

**Table S. 1: Number of Establishments by Main Industry and Region; Tanzania Mainland, 2014/15**

**Number**

| Region | Agriculture, Forestry and Fishing | Mining and Quarrying | Manufacturing | Electricity, Gas, Steam and Air Conditioning Supply | Water Supply; Sewage, Waste Management and Remediation Activities | Construction | Whole Sale and Retail Trade | Transport and Storage | Accommodation and Food Services Activities | Information and Communication | Financial and Insurance Activities | Real Estate Activities |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dodoma | 5 | 2 | 1,896 | 8 | 37 | 21 | 1,628 | 13 | 461 | 7 | 78 | 0 |
| Arusha | 1 | 3 | 2,374 | 4 | 8 | 7 | 3,026 | 40 | 743 | 24 | 100 | 0 |
| Kilimanjaro | 14 | 26 | 1,829 | 11 | 16 | 19 | 1,253 | 19 | 414 | 4 | 92 | 0 |
| Tanga | 6 | 10 | 1,830 | 12 | 10 | 16 | 1,252 | 39 | 534 | 28 | 67 | 1 |
| Morogoro | 5 | 3 | 3,317 | 45 | 15 | 4 | 4,274 | 11 | 975 | 18 | 155 | 0 |
| Pwani | 17 | 6 | 1,643 | 17 | 9 | 7 | 498 | 11 | 361 | 3 | 37 | 0 |
| Dar es Salaam | 6 | 26 | 8,759 | 12 | 100 | 136 | 13,744 | 456 | 1,499 | 128 | 705 | 36 |
| Lindi | 2 | 34 | 991 | 13 | 16 | 9 | 1,286 | 16 | 206 | 5 | 50 | 1 |
| Mtwara | 8 | 18 | 1,189 | 2 | 11 | 18 | 1,004 | 10 | 237 | 8 | 12 | 0 |
| Ruvuma | 7 | 3 | 3,538 | 3 | 9 | 31 | 2,089 | 17 | 334 | 7 | 97 | 0 |
| Iringa | 0 | 12 | 2,660 | 28 | 4 | 12 | 2,194 | 0 | 296 | 0 | 68 | 0 |
| Mbeya | 13 | 23 | 3,125 | 23 | 9 | 56 | 4,451 | 58 | 988 | 17 | 160 | 2 |
| Singida | 6 | 31 | 1,951 | 8 | 9 | 7 | 2,619 | 14 | 526 | 1 | 98 | 0 |
| Tabora | 169 | 17 | 1,071 | 8 | 5 | 23 | 954 | 13 | 377 | 8 | 43 | 1 |
| Rukwa | 0 | 4 | 1,233 | 6 | 1 | 33 | 2,431 | 7 | 320 | 5 | 88 | 0 |
| Kigoma | 149 | 2 | 1,082 | 14 | 8 | 12 | 46 | 22 | 131 | 7 | 24 | 2 |
| Shinyanga | 2 | 20 | 1,340 | 9 | 10 | 15 | 687 | 25 | 369 | 10 | 37 | 0 |
| Kagera | 2 | 27 | 2,429 | 4 | 2 | 12 | 1,599 | 17 | 205 | 11 | 76 | 0 |
| Mwanza | 7 | 4 | 1,639 | 5 | 4 | 14 | 928 | 6 | 635 | 15 | 74 | 1 |
| Mara | 2 | 50 | 3,775 | 2 | 2 | 4 | 2,179 | 10 | 347 | 4 | 62 | 0 |
| Manyara | 29 | 218 | 2,358 | 4 | 7 | 2 | 1,023 | 4 | 188 | 3 | 109 | 0 |
| Njombe | 3 | 2 | 1,928 | 14 | 4 | 5 | 1,956 | 4 | 193 | 1 | 63 | 0 |
| Katavi | 0 | 0 | 285 | 3 | 2 | 0 | 1,175 | 1 | 153 | 1 | 35 | 0 |
| Simiyu | 8 | 1 | 813 | 2 | 7 | 3 | 221 | 4 | 154 | 1 | 12 | 0 |
| Geita | 0 | 9 | 962 | 2 | 3 | 23 | 303 | 1 | 490 | 3 | 27 | 0 |
| **Total** | **461** | **551** | **54,017** | **259** | **308** | **489** | **52,820** | **818** | **11,136** | **319** | **2,369** | **44** |
| **Percent** | **0.3** | **0.4** | **34.9** | **0.2** | **0.2** | **0.3** | **34.2** | **0.5** | **7.2** | **0.2** | **1.5** | **0.0** |

**Source:** National Bureau of Statistics (Business Registry 2014/15)

**Table S.1 (ctd): Number of Establishments by Main Industry and Region; Tanzania Mainland, 2014/15**

**Number**

| Region | Professional Scientific and Technical Activities | Administrative and Support Services | Public Administration And Defense; Compulsory Social Security | Education | Human Health and Social Work Activities | Arts, Entertainment and Recreation | Other Services Activities | Activities of Extraterritorial Organizations and Bodies | Total | Percentage |
|---|---|---|---|---|---|---|---|---|---|---|
| Dodoma | 34 | 22 | 119 | 1,000 | 383 | 5 | 176 | 0 | 5,895 | 3.8 |
| Arusha | 50 | 61 | 50 | 761 | 300 | 10 | 271 | 0 | 7,833 | 5.1 |
| Kilimanjaro | 15 | 29 | 29 | 1,469 | 279 | 4 | 173 | 0 | 5,695 | 3.7 |
| Tanga | 42 | 24 | 188 | 72 | 57 | 4 | 100 | 0 | 4,292 | 2.8 |
| Morogoro | 44 | 55 | 93 | 382 | 114 | 7 | 402 | 0 | 9,919 | 6.4 |
| Pwani | 14 | 9 | 146 | 181 | 111 | 5 | 162 | 1 | 3,238 | 2.1 |
| Dar es Salaam | 399 | 312 | 128 | 895 | 362 | 144 | 1,210 | 3 | 29,060 | 18.8 |
| Lindi | 27 | 32 | 232 | 637 | 229 | 5 | 147 | 0 | 3,938 | 2.5 |
| Mtwara | 30 | 32 | 152 | 721 | 178 | 1 | 137 | 0 | 3,768 | 2.4 |
| Ruvuma | 38 | 53 | 171 | 897 | 416 | 9 | 199 | 0 | 7,918 | 5.1 |
| Iringa | 15 | 13 | 11 | 195 | 55 | 1 | 226 | 0 | 5,790 | 3.7 |
| Mbeya | 79 | 80 | 288 | 857 | 526 | 9 | 339 | 0 | 11,103 | 7.2 |
| Singida | 23 | 12 | 429 | 638 | 166 | 3 | 289 | 1 | 6,831 | 4.4 |
| Tabora | 22 | 18 | 236 | 972 | 337 | 2 | 225 | 0 | 4,501 | 2.9 |
| Rukwa | 14 | 17 | 17 | 177 | 46 | 2 | 433 | 0 | 4,834 | 3.1 |
| Kigoma | 20 | 29 | 256 | 745 | 177 | 1 | 26 | 0 | 2,753 | 1.8 |
| Shinyanga | 32 | 28 | 833 | 785 | 194 | 3 | 237 | 1 | 4,637 | 3.0 |
| Kagera | 17 | 7 | 160 | 367 | 72 | 6 | 135 | 0 | 5,148 | 3.3 |
| Mwanza | 19 | 55 | 183 | 107 | 98 | 5 | 145 | 0 | 3,944 | 2.6 |
| Mara | 22 | 11 | 79 | 95 | 186 | 6 | 170 | 0 | 7,006 | 4.5 |
| Manyara | 12 | 7 | 15 | 624 | 182 | 1 | 80 | 0 | 4,866 | 3.1 |
| Njombe | 18 | 21 | 5 | 162 | 23 | 0 | 194 | 0 | 4,596 | 3.0 |
| Katavi | 3 | 10 | 41 | 65 | 31 | 2 | 111 | 0 | 1,918 | 1.2 |
| Simiyu | 15 | 6 | 656 | 633 | 141 | 0 | 158 | 0 | 2,835 | 1.8 |
| Geita | 11 | 14 | 90 | 135 | 100 | 4 | 123 | 0 | 2,300 | 1.5 |
| **Total** | **1,015** | **957** | **4,607** | **13,572** | **4,763** | **239** | **5,868** | **6** | **154,618** | **100.0** |
| **Percent** | **0.7** | **0.6** | **3.0** | **8.8** | **3.1** | **0.2** | **3.8** | **0.0** | **100.0** | |

**Source:** National Bureau of Statistics (Business Registry 2014/15)

**Table S. 2: Number of Establishments by Indusrial Activity and Size Group; Tanzania Mainland, 2014/15**

**Number**

| Region | Number of Establishments | Size Groupl | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1 - 4 | 5 - 9 | 10 - 19 | 20 - 49 | 50 - 99 | 100 - 499 | 500+ |
| Agriculture, forestry and fishing | 461 | 146 | 154 | 74 | 40 | 28 | 19 | 0 |
| Mining and quarrying | 551 | 141 | 120 | 86 | 132 | 39 | 28 | 5 |
| Manufacturing | 54,017 | 47,837 | 4,923 | 535 | 360 | 162 | 159 | 41 |
| Electricity, gas, steam and air conditioning supply | 259 | 154 | 27 | 32 | 24 | 8 | 13 | 1 |
| Water supply, sewerage, waste management and remediation activities | 308 | 123 | 72 | 43 | 35 | 24 | 11 | 0 |
| Construction | 489 | 172 | 133 | 92 | 59 | 22 | 9 | 2 |
| Whole sale and retail trade; repair of motorvehicles and motorcycles | 52,820 | 49,689 | 2,316 | 566 | 193 | 33 | 21 | 2 |
| Transportation and storage | 818 | 370 | 244 | 118 | 62 | 14 | 10 | 0 |
| Accommodation and food service activities | 11,136 | 7,209 | 2,750 | 870 | 256 | 33 | 18 | 0 |
| Information and communication | 319 | 159 | 78 | 41 | 31 | 4 | 4 | 2 |
| Financial and insurance activities | 2,369 | 1,715 | 330 | 209 | 76 | 11 | 19 | 9 |
| Real estate activities | 44 | 13 | 12 | 12 | 6 | 0 | 1 | 0 |
| Professional scientific and technical activities | 1,015 | 650 | 211 | 96 | 35 | 17 | 5 | 1 |
| Administrative and support service activities | 957 | 450 | 178 | 114 | 129 | 47 | 33 | 6 |
| Public administration and defence; compulsory social security | 4,607 | 2,524 | 1,052 | 539 | 278 | 104 | 89 | 21 |
| Education | 13,572 | 1,183 | 4,384 | 5,036 | 2,644 | 281 | 40 | 4 |
| Human health and social work activities | 4,763 | 2,656 | 1,143 | 561 | 241 | 62 | 86 | 14 |
| Arts, entertainment and recreation | 239 | 143 | 53 | 26 | 12 | 3 | 2 | 0 |
| Other sevice activities | 5,868 | 4,172 | 962 | 492 | 204 | 27 | 9 | 2 |
| Activities of extraterritorial organisations and bodies | 6 | 2 | 2 | 1 | 1 | 0 | 0 | 0 |
| **Total** | **154,618** | **119,508** | **19,144** | **9,543** | **4,818** | **919** | **576** | **110** |
| **Percent** | **100.0** | **77.3** | **12.4** | **6.2** | **3.1** | **0.6** | **0.4** | **0.1** |

**Source:** National Bureau of Statistics (Business Registry 2014/15)

**Table S. 3: Number of Establishments by Industrial Activityand Nationality of the Owner; Tanzania Mainland, 2014/15**

| Region | Nationality | | | | | Total |
|---|---|---|---|---|---|---|
| | Tanzania Residence | EAC | Foreigner out of EAC | Joint Venture | Not Stated | |
| Agriculture, forestry and fishing | 180 | 29 | 19 | 2 | 231 | 461 |
| Mining and quarrying | 523 | 12 | 8 | 1 | 7 | 551 |
| Manufacturing | 53,162 | 604 | 121 | 13 | 117 | 54,017 |
| Electricity, gas, steam and air conditioning supply | 228 | 2 | 5 | 0 | 24 | 259 |
| Water supply, sewerage, waste management and remediation activities | 263 | 10 | 1 | 0 | 34 | 308 |
| Construction | 442 | 5 | 8 | 3 | 31 | 489 |
| Whole sale and retail trade; repair of motorvehicles and motorcycles | 51,642 | 267 | 328 | 38 | 545 | 52,820 |
| Transportation and storage | 662 | 9 | 32 | 5 | 110 | 818 |
| Accommodation and food service activities | 10,851 | 48 | 48 | 9 | 180 | 11,136 |
| Information and communication | 233 | 4 | 22 | 9 | 51 | 319 |
| Financial and insurance activities | 1,613 | 30 | 109 | 44 | 573 | 2,369 |
| Real estate activities | 31 | 1 | 3 | 0 | 9 | 44 |
| Professional scientific and technical activities | 801 | 4 | 12 | 3 | 195 | 1,015 |
| Administrative and support service activities | 746 | 13 | 22 | 6 | 170 | 957 |
| Public administration and defence; compulsory social security | 118 | 7 | 9 | 3 | 4,470 | 4,607 |
| Education | 1,467 | 20 | 18 | 10 | 12,057 | 13,572 |
| Human health and social work activities | 1,026 | 6 | 46 | 7 | 3,678 | 4,763 |
| Arts, entertainment and recreation | 177 | 1 | 13 | 1 | 47 | 239 |
| Other sevice activities | 3,579 | 26 | 16 | 2 | 2,245 | 5,868 |
| Activities of extraterritorial organisations and bodies | 2 | 0 | 1 | 0 | 3 | 6 |
| **Total** | **127,746** | **1,098** | **841** | **156** | **24,777** | **154,618** |
| **Percent** | **82.6** | **0.7** | **0.5** | **0.1** | **16.0** | **100.0** |

**Source:** National Bureau of Statistics

**Table S. 4: Key Indicators from the Household Budget Surveys, Tanzania Mainland**

| Indicators | 1991/92 | 2000/01 | 2007 | 2011/12 |
|---|---|---|---|---|
| **Housing, Water and Sanitation, Communication (%)** | | | | |
| Households with modern roof | 36.0 | 43.0 | 55.0 | 68 |
| Households with modern walls | 16.0 | 25.0 | 35.0 | 46 |
| Households with electricity | 9.0 | 12.0 | 13.0 | 18 |
| Households with protected water source | 46.0 | 55.0 | 52.0 | 60 |
| Household within 1 km of drinking water | 50.0 | 55.0 | 57.0 | 71 |
| Households using a toilet | 93.0 | 93.0 | 93.0 | 88.3 |
| Household owning a radio | 37.0 | 52.0 | 66.0 | 54 |
| Households owning a telephone | 1.0 | 1.0 | 25.0 | 57 |
| **Education and Health (%)** | | | | |
| Adults men with any education | 83.0 | 83.0 | 83.0 | 87 |
| Adults women with any education | 68.0 | 67.0 | 71.0 | 76 |
| Literate adults | - | 71.0 | 73.0 | 77 |
| Primary school net attendance ratio | - | 59.0 | 84.0 | 77 |
| Children aged 7-13 years studying | 57.0 | 61.0 | 86.0 | |
| Secondary net enrolment ratio (forms I-IV) | - | 5.0 | 15.0 | 29 |
| Households within 6km of primary health facility | 75.0 | 75.0 | 76.0 | |
| **Consumption and Poverty (%)** | | | | |
| Percentage of consumption expenditure on food | 71 | 66 | 51 | 56 |
| Percentage of population below the food poverty line | 22 | 19 | 12 | 10 |
| Percentage of population below the basic needs poverty line | 39 | 36 | 34 | 28 |
| Percentage of population living in female-headed households below the basic needs poverty line | 35 | 35 | 33 | 20 |
| Gini Coefficient | 0.34 | 0.35 | 0.37 | 0.34 |
| Percentage of total consumption by the poorest 20 percent of Population | 7 | 7 | 7 | 6 |
| Percentage of households who usually take no more than one meal per day | - | 1 | 1 | - |

**Source:** National Bureau of Statistics

# APPENDICES

# Appendices

**Appendix I : Statistical Publications and Other Products Price List**

| Publications | TZS |
|---|---|
| **Household Budget Survey 2000/01, 2007, 2011/12** | |
| Final/Main Report | 17,000 |
| Key Findings – Kiswahili/ English Version | 3,000 |
| – Community Character | 5,000 |
| **Regional Socio-Economic Profiles** | |
| Shinyanga, 1999 | 5,000 |
| Shinyanga, 2007 | 10,000 |
| Rukwa, 2004 | 10,000 |
| Pwani 1999 | 5,000 |
| Pwani 2007 | 10,000 |
| Kigoma, 2008 | 10,000 |
| Tabora, 2005 | 10,000 |
| Mbeya, 2003 | 10,000 |
| Mwanza, 2003 | 10,000 |
| Kagera, 2003 | 10,000 |
| Mara, 2003 | 10,000 |
| Dodoma, 2003 | 10,000 |
| Singida, 2003 | 10,000 |
| Morogoro, 2002 | 6,500 |
| Kilimanjaro, 2002 | 6,500 |
| Manyara, 2004 | 10,000 |
| Arusha, 1998 | 5,000 |
| Iringa, 1997 | 5,000 |
| Iringa, 2007 | 10,000 |
| Lindi, 1997 | 5,000 |
| Mtwara, 1997 | 5,000 |
| Tanga, 1997 | 5,000 |
| Tanga, 2008 | 10,000 |
| **District Socio – Economic Profiles** | |
| Uyui District, 2008 | 15,000 |
| Makete District, 2008 | 15,000 |

**Appendix I (ctd):Statistical Publications and Other Products Price List**

| Publication | TZS |
|---|---|
| **Integrated Labour Force Survey 2000/01** | |
| Final Report | 10,000 |
| Key Findings – Kiswahili/ English Version | 3,000 |
| Methodology Report | 10,000 |
| Child Labour in Tanzania | 8,000 |
| **Integrated Labour Force Survey 2006** | |
| Analytical Report | 15,000 |
| Key Findings Kiswahili/English Version | 10,000 |
| Key Indicators of the Labour Market | 5,000 |
| **National Accounts of Tanzania Mainland:** | |
| 1989-2001 | 2,000 |
| 1992-2002 | 5,000 |
| 1992-2004 | 5,000 |
| 1999-2009 | 10,000 |
| 2000-2010 | 10,000 |
| Revised National Accounts, July 2007 | 10,000 |
| Input – Output Table of Tanzania for 1992: | 2,000 |
| **2002 Population and Housing Census:** | |
| General Report | 5,000 |
| Village and Street Statistics (for each region) | 15,000 |
| Main Statistical Tables | 25,000 |
| Regional and District Census Data in Brief | 5,000 |
| Age and Sex Distribution | 15,000 |
| Analytical Report | 15,000 |
| Infant and Child Mortality | 5,000 |
| Basic Demographic and Socio-Economic Characteristics | 10,000 |
| Tanzania National Profile Data in Brief | 1,000 |
| **Tanzania in Figures:** | |
| 2000 | 2,000 |
| 2002, 2003 | 3,000 |
| 2004, 2005, 2006, 2007, 2008 | 3,500 |
| 2009, 2010, 2011, 2012, 2013, 2014 | 4,000 |
| **Poverty:** | |
| Updating Poverty Baseline in Tanzania, 2000 | 5,000 |
| Developing Poverty Baseline in Tanzania, 2000 | 8,000 |

**Appendix I (ctd):Statistical Publications and Other Products Price List**

| Publication | TZS |
|---|---|
| **National Sample Census of Agriculture 2002/03:** | |
| Livestock Sector | 20,000 |
| Crop sector | 25,000 |
| Smallholder Household Characteristics | 25,000 |
| Large Scale Farms | 25,000 |
| **Other Publications:** | |
| Gender Profile of Smallholder Rural Mainland | 25,000 |
| Environment Statistics Tanzania Mainland | 10,000 |
| Concepts and Definitions of Official Statistics | 10,000 |
| **Statistical Abstract:** | |
| Statistical Abstract 2006/07, 2008, 2009, 2010, 2011, 2012, 2013, 2014 | 10,000 |
| Statistical Abstract (CDs) | 10,000 |
| Dar es Salaam Business Survey 2007 | 15,000 |
| -Other region | 15,000 |
| Employment and Earnings | 8,000 |
| **Industrial Commodities:** | |
| Quarterly Report, February 2005 | 2,000 |
| Quarterly Report, August 2003 | 2,000 |
| Quarterly Report, September 2002 | 2,000 |
| Annual Survey of Industrial Production 1999 – 2000: | |
| Methodology Report, Vol.1 | 5,000 |
| Comprehensive Report, Vol.II A | 5,000 |
| Comprehensive Report, Vol. II B | 5,000 |
| Directory of Industries Vol. III | 5,000 |
| Annual Survey of Industrial Production 2003-2005 | 6,000 |
| Annual Survey of Industrial Production 2004-2005 | 6,500 |
| Annual Survey of Industrial Production (Statistical report 2006-2007) | 10,000 |
| Annual Survey of Industrial Production Statistical report | 10,000 |
| Annual Survey of Industrial Production Analytical report | 10,000 |
| Annual Survey of Industrial Production 2007 | 10,000 |
| **Quarterly GDP:** | |
| 2nd Quarter 2009, 3rd Quarter2009 and 4th Quarter 2009 | 5,000 |
| Quarterly National Accounts Estimates in Tanzania Mainland 2001-2008 | 5,000 |

**Appendix I (ctd): Statistical Publications and Other Statistical Products Price List**

| Other Statistical Products | TZS Soft Copy | TZS Hard Copy |
|---|---|---|
| CRE- CD | 400,000 | - |
| Enumeration Area Map Each | 5,000 | 4,000 |
| District Map with Enumeration Areas | 350,000 | A0=50,000 |
| District Map with Village Boundaries | 200,000 | A1=50,000 |
| | | A2=40,000 |
| | | A3=20,000 |
| | | A4=10,000 |
| Ward Boundary Map (One) | 20,000 | A1=30,000 |
| | | A2=20,000 |
| District Map with Ward Boundaries | 100,000 | A1=30,000 |
| | | A2=20,000 |
| | | A3=10,000 |
| | | A4=5,000 |
| Regional Map with Ward Boundaries | 150,000 | A0=60,000 |
| | | A1=40,000 |
| | | A2=40,000 |
| | | A3=30,000 |
| | | A4=10,000 |
| Tanzania Map with Regional Boundaries | 350,000 | A0=60,000 |
| | | A1=50,000 |
| | | A2=30,000 |
| Tanzania Map with Regional Boundaries | 40,000 | A0=30,000 |
| | | A1=20,000 |
| | | A2=15,000 |
| | | A3=10,000 |
| | | A4=5,000 |
| Tanzania Map with District Boundaries | 50,000 | A0=50,000 |
| | | A1=30,000 |
| | | A2=25,000 |
| 2002 Census Geo-coded EA List | | A3=10,000 |
| by Ward(one) | 30,000 | A4=1,000 |
| by District | 60,000 | A4=1,000 |
| by Region | 80,000 | A4=1,000 |
| National | 150,000 | A4=1,000 |
| Scanning and Printing Services | | A1=10,000 |
| Scanning One A1 Sheet | | A1=10,000 |
| Printing Services | | A3=5,000 |
| Hiring One (hand held GPS) | 10,000 per day | |

**Appendix II : National Bureau of Statistics Range of Products and Services;**

| |
|---|
| Long term Statistics Services on Contract |
| Conduct of Censuses and Surveys |
| Register Services |
| Selling of Statistical Publications and Other Statistical Products |
| Statistical Consultancies |
| Provision of Computing Services |
| Provision of Customized Information Services |

## VISION

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

## MISSION

*To produce official statistics and services that meet needs of National and International Stakeholders for evidence-based planning and decision making*

*For more information, comments and suggestions please contact:-_*

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