



## THE UNITED REPUBLIC OF TANZANIA



# MOROGORO REGION GDP REPORT 2019

*Jointly Prepared by:*

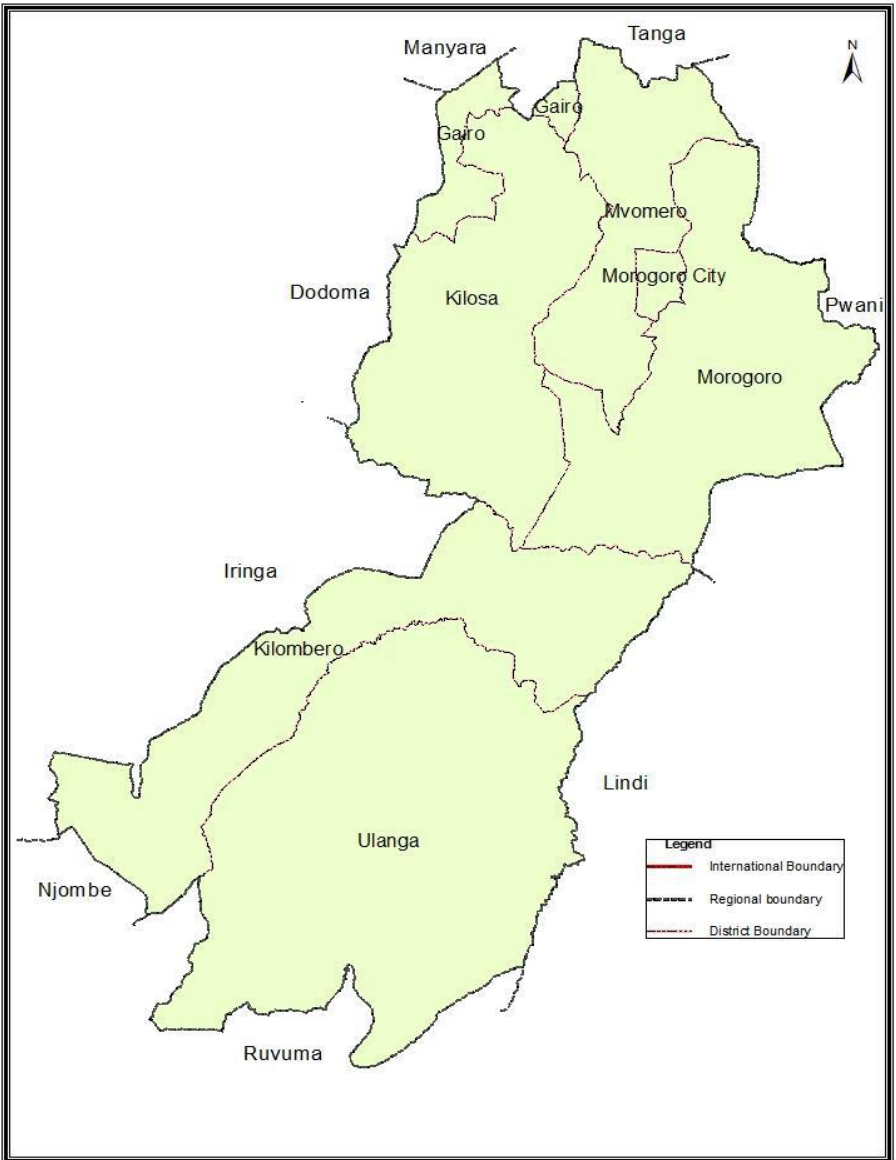


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# MROGORO REGION, ADMINISTRATIVE BOUNDARIES



Source: National Bureau of Statistics

## Table of Contents

	<b>Page</b>
Abbreviations .....	6
Preface.....	7
Acknowledgements .....	9
1.0 Introduction and Background .....	10
2.0 Main Objective.....	11
2.1 The Specific Objectives .....	11
3.0 Benefits of the Morogoro Regional GDP.....	12
4.0 Scope and Coverage.....	13
5.0 Methodology .....	15
5.1 Regional GDP measurement approaches .....	15
5.2 Bottom-up Approach.....	15
5.3 Top-down Approach .....	16
5.4 Compilation Procedure.....	16
5.5 Measuring Gross Domestic Product.....	16
5.6 Regional GDP Compilation. ....	17
6.0 Key findings and Analysis .....	18
6.1 Key findings of the Morogoro Regional GDP .....	18
6.2 Analysis of the Morogoro Regional Economic Activities ..	20
Annex 1: Concept and Definitions.....	27
Annex 2: Tables .....	31

**List of Charts**

Chart 1: Morogoro Regional GDP in Billion at Current Prices by District Council for the year 2019..... 18

Chart 2: Percentage Share of the Morogoro Regional GDP by District Council for the year 2019..... 19

Chart 3: Morogoro Region Per Capita GDP at Current Prices by District Council for the year 2019 in Tanzanian Shillings..... 20

Chart 4: Major Sector’s contribution to Regional GDP, 2019..... 21

Chart 5: Agriculture Activity Share by District Council, 2019 ..... 22

Chart 6: Industry and Construction Activity Share by District Council, 2019..... 23

Chart 7: Distribution of Service Activity Share by District Council, 2019..... 24

**List of Tables**

Table 1: Morogoro Region GDP by Council (Millions TZS)..... 31

Table 2: Morogoro Region Population by Council (Number) ..... 31

Table 3: Morogoro per Capita GDP by Council (TZS.) ..... 32

Table 4: Data Sources by Activity ..... 33

Table 5: Gross Domestic Product at Current Prices - Morogoro Region (Million TShs.) ..... 34

Table 6: Gross Domestic Product at Current Prices - Morogoro Region for the Year 2015 (Million TShs)..... 35

Table 7: Gross Domestic Product at Current Prices - Morogoro Region for the Year 2016 (Million TShs.)..... 36

Table 8: Gross Domestic Product at Current Prices - Morogoro Region for the Year 2017 (Million TShs.)..... 37

Table 9: Gross Domestic Product at Current Prices - Morogoro Region for the..... 38

Table 10: Gross Domestic Product at Current Prices - Morogoro Region for the..... 39

## **Abbreviations**

DC	District Council
DED	District Executive Director
ECA	Economic Commission for Africa
FYDP	Five Years Development Plan
GDP	Gross Domestic Product
Govt	Government
HQ	Head Quarter
NBS	National Bureau of Statistics
RAS	Regional Administrative Secretary
RC	Regional Commissioner
RGDP	Regional Gross Domestic Product
SDGs	Sustainable Development Goals
SNA	Systems of National Accounts
TC	Town Council
TRA	Tanzania Revenue Authority

## **Preface**

This report on Morogoro Regional Gross Domestic Product (RGDP) highlights the trend of the region in terms of the Gross Domestic Product. The compiled estimates serve as a benchmark for future compilation of Morogoro RGDP. The report culminates the teamwork between the Office of RC Morogoro Region and the National Bureau of Statistics (NBS). It also presents the results of Morogoro RGDP at two levels namely district councils and Regional levels by activities. The Morogoro RGDP at current prices has been compiled for the years 2015, 2016, 2017, 2018 and 2019. This is a current report since 1997.

The office of RC through assigned regional professionals in various activities supervised data collection activity while the National Bureau of Statistics provided the experts for the compilation of the RGDP.

The compilation of RGDP approach used is consistent with international best practice. The methodology has been peer reviewed and endorsed by Economic Commission for Africa (ECA).

The Morogoro RDGP was compiled with the objective of providing a valuable stock of information on Regional GDP to the stakeholders that portrays the economic activities in the region. Further, the report proposes areas for improvements which stand as challenges to the Office of RC in Morogoro Region and the National Bureau of

Statistics in improving quality of the estimates. It is expected that the Report will be a useful reference material for all stakeholders.



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NBS would like to welcome comments regarding this publication. These comments should be channelled to the Statistician General, National Bureau of Statistics.

More National Accounts Statistics information are available through the following website

[www.nbs.go.tz](http://www.nbs.go.tz)



## Acknowledgements

Morogoro Regional Gross Domestic Product compilation was made possible by the joint effort of the office of RC, NBS and Councils. The work was headed by Morogoro Regional Commissioner Hon. Martine Shigella under the coordination of Regional Administrative Secretary Ms. Mariam A. Mtunguja, Assistant Administrative Secretary - Planning and Coordination Mr. Anzaamen L.D Ndossa, Regional Statistician Mr. Erick A. Ulomi and Regional Statistical Manager Mr. Charles Mtabo who supervised data collection process.

The Regional Commissioner appreciates the Council Directors from Kilosa DC, Morogoro DC, Mlimba DC, Ulanga DC, Morogoro MC, Mvomero DC, Gairo DC, Ifakara TC and Malinyi DC and other Council officials who coordinated the data collection. The Region also appreciates the respondents, public and private institutions for their cooperation in provision of data for the preparation of Regional Gross Domestic Product.

The RC's office also, acknowledges the team from the NBS led by National Accounts Statistics Manager, Mr. Daniel Masolwa and Mr. Ernest E. Mshana for their technical inputs.



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## **1.0 Introduction and Background**

The Morogoro Regional Gross Domestic Product report is the outcome of the teamwork between the National Bureau of Statistics and the Morogoro Regional Commissioner's Office. The process of compiling the report started in October 2020 with a training workshop on the compilation methodology, data collection techniques and work plan at Mikumi Town. The working arrangement was as follows:

- Regional Commissioner's Office responsibility was to coordinate and supervise data collection exercise on all sectors of the regional economy; and
- The National Bureau of Statistics prepared questionnaires for data collection and develop sampling frame before draw a representative sample for the survey as well as offering technical expertise on the GDP compilation.

## **2.0 Main Objective**

The main objective of Morogoro Region GDP estimates is to provide a vital economic indicator that is used as an input in planning for the regional development programs. It is anticipated that, the compiled Morogoro regional GDP will improve the Regional and District planning processes and evidence-based decision-making.

### **2.1 The Specific Objectives**

The specific objectives for the compilation of Morogoro Regional GDP estimates were:

- (a) To compile Morogoro Regional GDP estimates by economic activity; and
- (b) To calculate per capita GDP at regional and districts level.

### **3.0 Benefits of the Morogoro Regional GDP**

The Regional GDP compilation activity provides essential data to regional development policy because they:

- a) Help to achieve a greater understanding of the growth and innovation of the regional performance;
- b) Provide a sound basis for monitoring and evaluation of economic development trends;
- c) Support central government's ability to target regional development programmes, including further development and implementation of FYDP and SDGs at both regional and district levels;
- d) Provide a more robust basis for economic decision-making by region, districts and the private sectors;
- e) Provide effective information base for public debate and community understanding of regional economic development;
- f) Provide benchmark data that will help to address specific issues such as poverty reduction and industrialization (processing units of agricultural products into integrated producer schemes);
- g) The data will explore and serve as a catalyst in scarce resource allocation and investment at regional and district levels; and
- h) Open economic ventures by sectors and draw attention for technical know-how, movements and integrated industrialization process in the region.

## 4.0 Scope and Coverage

Morogoro regional and council's administrative boundaries have been treated as an economic territory for the regional and district GDP estimates within which transactions of goods and services take place.

Morogoro Regional GDP estimates are on an annual basis covering the years 2015, 2016, 2017, 2018 and 2019. The timeframe for future production of the series has to be established between the NBS and the Morogoro Regional Secretariat.

Morogoro Regional GDP has been compiled by economic activities. Sixteen economic activities break down is available, based on the national accounts activity classification. Due to the application of confidentiality rules, it is often difficult to provide estimates at a greater level of detail. The sixteen economic activities in the regional GDP estimates are:

- a) Agriculture, Forestry and Fishing:
  - i. Crops;
  - ii. Livestock;
  - iii. Forestry;
  - iv. Fishing;
- b) Mining and quarrying;
- c) Manufacturing;
- d) Electricity;

- e) Water;
- f) Construction;
- g) Wholesale and Retail Trade; Repairs,
- h) Accommodation and Food services;
- i) Transport, Storage and Communication;
- j) Finance and Insurance;
- k) Real Estate;
- l) Professional, scientific and technical activities;
- m) Public Administration;
- n) Education;
- o) Human Health and Social Work; and
- p) Other Social and personal services.

## **5.0 Methodology**

### **5.1 Regional GDP measurement approaches**

This section discusses the broad methodology used to derive the regional GDP estimates.

The internationally preferred approach for regional GDP compilation is to directly measure the local activity of establishments and build up regional accounts from this information. The establishments level compilation approach is preferred, as it directly measures value-added. This approach is also useful analytically since it clearly links the activities of establishments within a region. The Morogoro Regional GDP has based on this approach where possible, and it has been used for most activities.

Morogoro Regional GDP estimates were compiled using national accounting concepts. NBS aspires to produce regional estimates that are consistent with the published national accounts. In other words, the sum of the regional GDP equals national level GDP.

### **5.2 Bottom-up Approach**

The method of building up regional estimates from local enterprise data is known as the ‘bottom-up’ approach. The bottom-up approach requires detailed data on the activities undertaken. The Office of RC Morogoro region organized data collection undertaking to produce the

required data for compilation of RGDP estimates as outlined in Table 4.

### **5.3 Top-down Approach**

The ‘top-down’ approach is an alternative method used for allocation of national level GDP estimates to regions by using the derived weights from respective regions. This approach is used if the bottom-up approach cannot be implemented for economic activities. This is usually due to lack of survey data from respective activities.

### **5.4 Compilation Procedure**

The compilation of the estimates was done in accordance with the recommended procedures in the System of National Accounts (SNA); the administrative demarcated area called “Morogoro Region” is the economic territory for the compilation of the regional GDP estimates.

### **5.5 Measuring Gross Domestic Product**

This section discusses the concept of GDP and how it is applied in Morogoro Regional GDP estimates. The technical terms used are contained in Concepts and Definition (Annex 1), including all definitions of components of GDP, and terms such as value-added etc.



## **5.6 Regional GDP Compilation.**

The overall regional GDP estimates is based on activity estimates for value-added (the value of output after the cost of bought-in materials and services have been deducted). The output is valued inclusive of taxes on production and subsidies consistent with the national accounts. The treatment of GDP is also consistent with the national approach.

The components of the alternative approach of measuring GDP include:

- a) Compensation of employees;
- b) Consumption of fixed capital;
- c) Gross operating surplus;
- d) Subsidies; and
- e) Taxes on production.

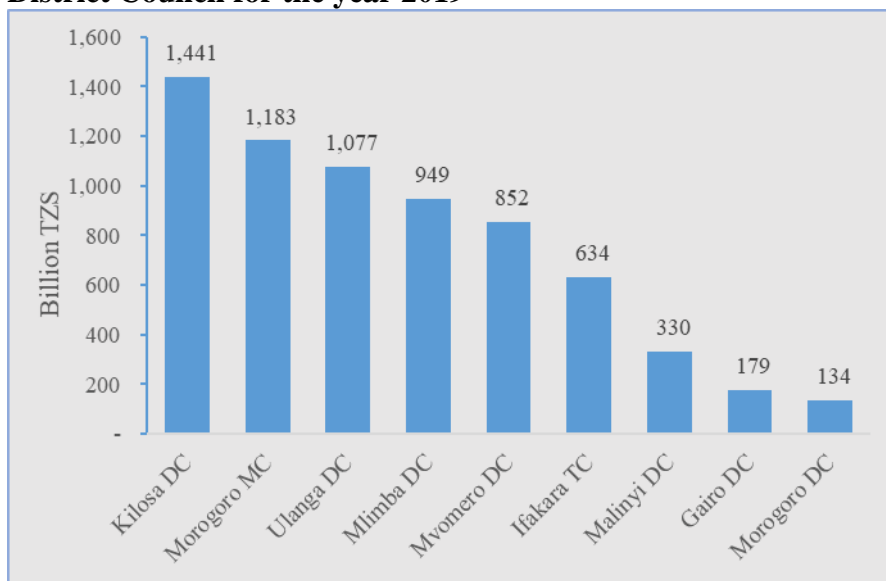
## 6.0 Key findings and Analysis

### 6.1 Key findings of the Morogoro Regional GDP

The overall Regional GDP at Current Prices for 2019 was TZS. 6,779.5 billion;

- a) The Morogoro Regional GDP for the year 2019 shows that Kilosa District Council had the highest GDP of TZS. 1,441 billion while Morogoro District Council had the lowest GDP in the region of TZS. 134 billion.

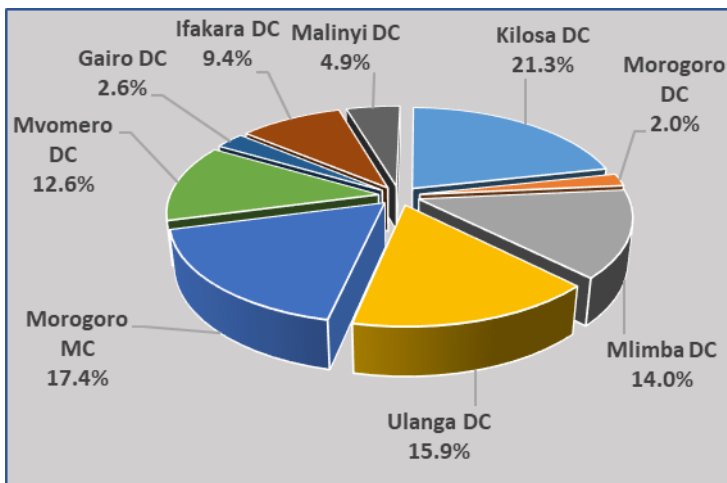
**Chart 1: Morogoro Regional GDP in Billion at Current Prices by District Council for the year 2019**



Source: National Bureau of Statistics

b) The percentage share to the Morogoro Regional GDP by the District Council for the year 2019 depicts that Kilosa District Council had the highest share of 21.3 percent while Morogoro District Council had the lowest share of 2.0 percent as shown in the chart 2 below.

**Chart 2: Percentage Share of the Morogoro Regional GDP by District Council for the year 2019**

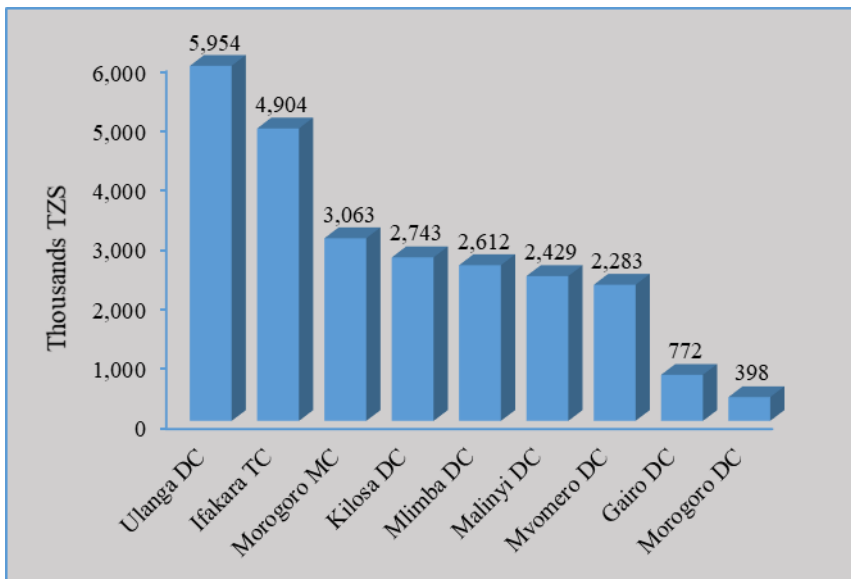


**Source:** National Bureau of Statistics

Per Capita GDP at current prices for Morogoro region was TZS. 2,546,331 for the year 2019, which is a little bit lower than National per capita GDP of 2,573,324. However, five district councils had per capita GDP higher than national per capita GDP (Annex 1: Table 2).

c) Ulanga District Council had the highest per capita of TZS. 5,954,238 while Morogoro District Council had the least per capita GDP of TZS. 398,049,256 for the Year 2019.

**Chart 3: Morogoro Region Per Capita GDP at Current Prices by District Council for the year 2019 in Tanzanian Shillings**



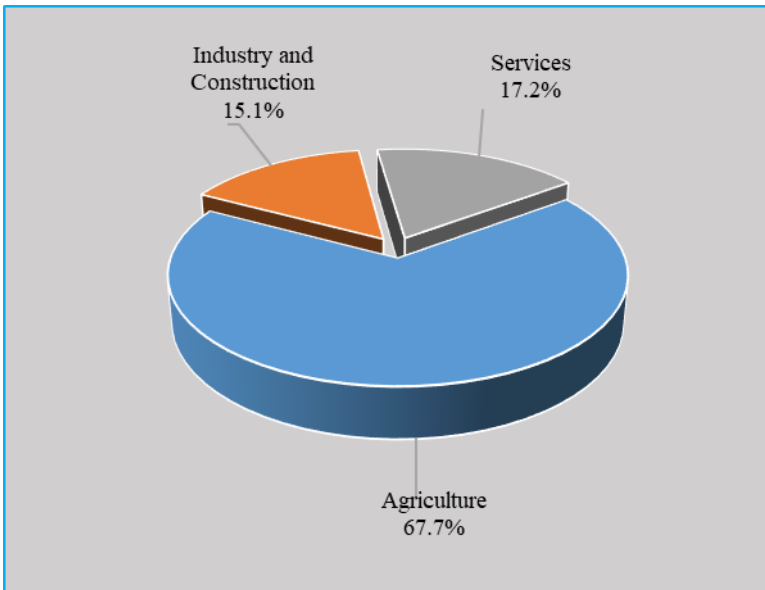
Source: National Bureau of Statistics

## 6.2 Analysis of the Morogoro Regional Economic Activities

For the year 2019, agriculture activity shares to GDP accounted to 67.7 percent while service share to GDP accounted to 17.2 percent. This implies that, agriculture is a predominant activity in the region.

Industry and Construction share to GDP accounted for the least at 15.1 percent for the year 2019 (Chart 4).

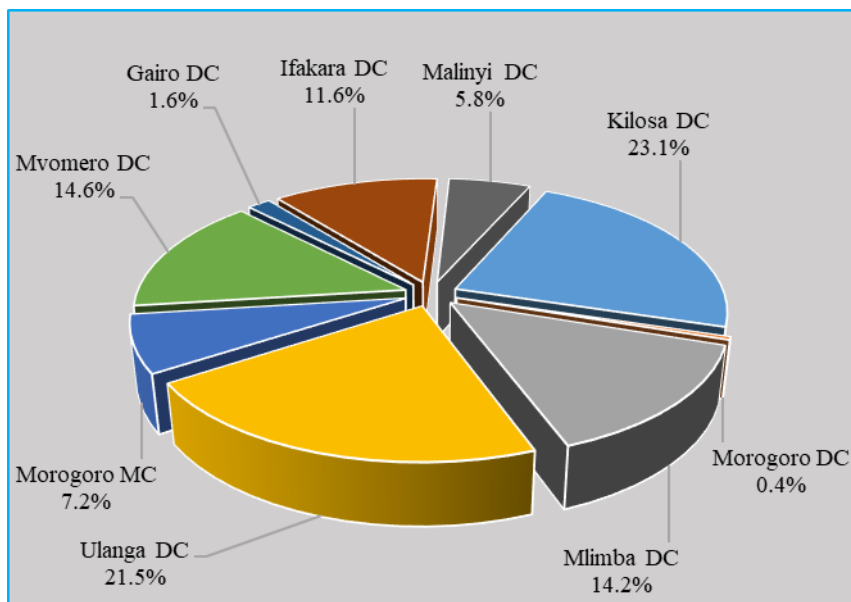
**Chart 4: Major Sector's contribution to Regional GDP, 2019**



Source: National Bureau of Statistics

Kilosa District council had a largest share on agriculture activity of 23.1 percent for the year 2019, while Morogoro District Council had the least share of only 0.4 percent.

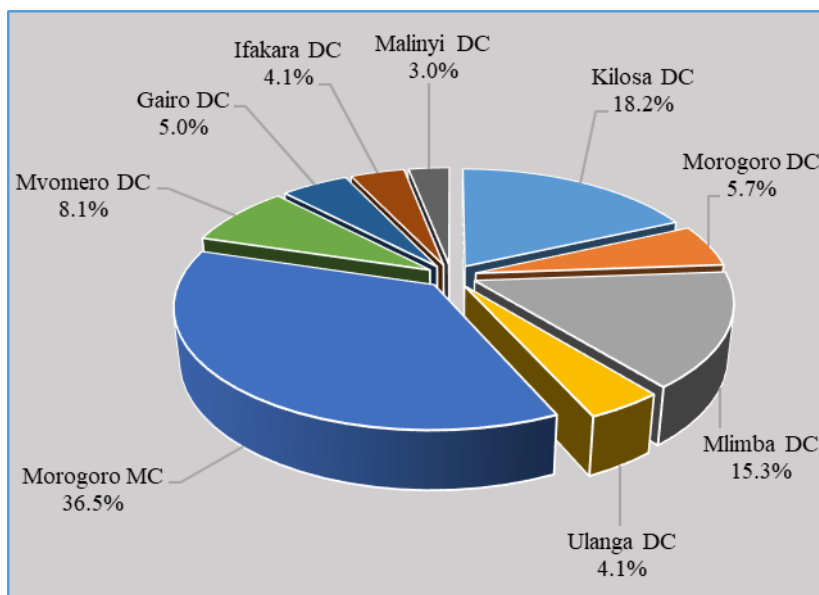
**Chart 5: Agriculture Activity Share by District Council, 2019**



Source: National Bureau of Statistics

The industry and construction activity share by districts shows that, Morogoro Municipal Council had the highest contribution of 36.5 percent for the year 2019 while Malinyi District Council contributed the least of 3.0 percent.

**Chart 6: Industry and Construction Activity Share by District Council, 2019**

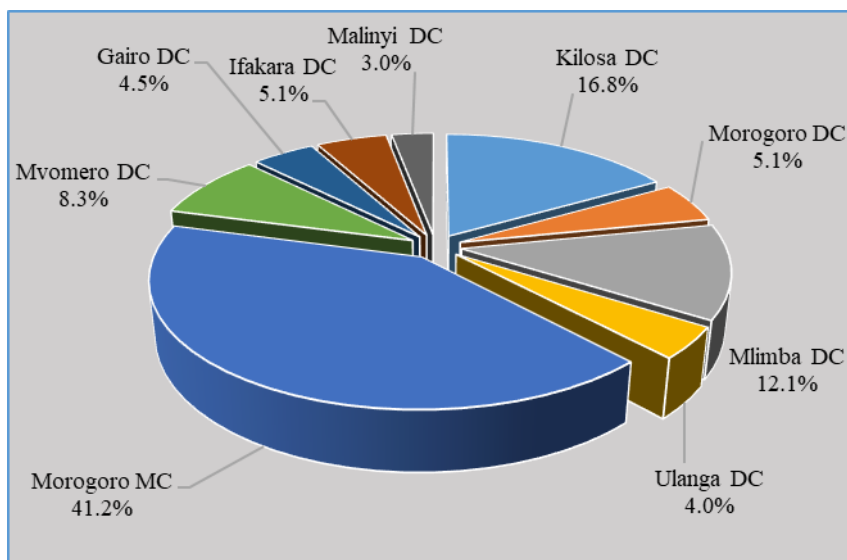


Source: National Bureau of Statistics

*Note: The industry and construction activity include; Mining, Manufacturing, Construction, Electricity and Water Supply.*

For the same year, service activity share by district councils depicts Morogoro Municipal Council to contribute most of 41.2 percent in the region while the least share of 3.1 percent was accounted by Malinyi District Council.

**Chart 7: Distribution of Service Activity Share by District Council, 2019**



Source: National Bureau of Statistics

## 7. Challenges and the Way Forward

Among the challenges facing the Region is poor recording or completely missing of some production and expenditure data from economic activities. Little knowledge on the importance of keeping up statistics data to some of the respondents. Also, difficulty of data provision, to fear TRA estimates.

Based on the report findings, the following areas are recommended for improvements:



- a) Morogoro GDP has been compiled for the first time since 1997 as such it is a baseline picture for the preceding GDP compilation for Morogoro region;
- b) Many districts, especially the less diversified ones can be highly affected by short-term events such as price increase and climatic conditions. To identify which district is growing faster than the rest, a much longer-term time series would be required before any such conclusion could be reached;
- c) The GDP at constant prices for the region need to be investigated more in terms of prices used;
- d) The dissemination of the findings is vital for incorporating comments for improving regional GDP;
- e) Initiation of statute merger ventures whereby district councils having statutory obligation in forming economic partnerships through shares with/and/or stakeholders/villages in liberalization of subsistence economy, opening employment opportunities; and thereby raising contribution to the general economic growth; and
- f) Refreshers course for data collectors should be done to ensure Quality of data maintained for sound socio-economic planning and sustainable development.

- g) To create awareness for the data collection to citizens, public and private sector through advertisements.
- h) Councils to budget and allocate fund for the data collection exercise in order to ensure data is collected on time.

## *Annex 2: Concept and Definitions*

### **National Accounts definitions**

#### **Basic price**

The amount receivable by the producer from the purchaser for a unit of a good or service produced as output minus any tax payable, and plus any subsidy receivable. It excludes any transport charges invoiced separately by the producer.

#### **Compensation of employees**

This is total remuneration, in cash or in kind, payable by enterprises to employees. Includes contributions paid on employees' superannuation funds, private pension schemes, the Accident Compensation Corporation, casualty and life insurance schemes, and other fringe benefits.

#### **Consumption of fixed capital**

This represents the reduction in the value of the fixed assets used in production during the accounting period resulting from physical deterioration, normal obsolescence or accidental damage. It is valued at replacement cost.

## **Gross Domestic Product (GDP)**

The total market value of goods and services produced after deducting the cost of goods and services utilised in the process of production, but before deducting allowances for the consumption of fixed capital.

## **Gross Domestic Product (GDP) at current prices**

Gross domestic product (GDP) at current prices is GDP at prices of the current reporting period. Also known as nominal GDP.

## **Gross Domestic Product (GDP) at constant prices**

Gross domestic product (GDP) at constant prices refers to the volume level of GDP. Constant price estimates of GDP are obtained by expressing values in terms of a base period.

## **Gross operating surplus**

This residual item is output at producer's values, less the sum of intermediate consumption, compensation of employees, and taxes on production and imports net of subsidies. It is approximately equal to accounting profit before the deduction of depreciation, direct taxes, dividends, and interest paid and bad debts, and before the addition of interest and dividends received.

## **Intermediate consumption**

This is the value of non-durable goods and services used in production. Valuation is at purchaser's values.

### **Output**

Output consists of goods and services produced within an establishment that become available for use outside that establishment, plus any goods and services produced for own final use.

### **Producer values**

The equivalent of purchaser values (see below), reduced by the trade and transport margins for delivering the items from producer to purchaser. This effectively gives the market sales value for the producer at the factory door, farm gate, mine head, and so on. For services, the producer value is the same as the purchaser value, as services are produced and consumed at the same time.

### **Purchaser values**

This is the costs in the market of goods and services on delivery to the purchaser. For services, the purchaser value is the same as the producer value, as services are produced and consumed at the same time.

## **Subsidies**

Current unrequited payments made by governments to enterprises based on the levels of their production activities or the quantities or values of the goods and services they produce, sell or import.

## **Taxes on production and imports**

Taxes assessed on producers in respect of the production, sale, purchase and use of goods and services, and which add to the market prices of those goods and services. This includes sales tax, local authority rates, import and excise duties, fringe benefits tax, and registration fees, such as motor vehicle registration, paid by producers.

## **Value-added**

The value added to goods and services by the contributions of capital and labour (i.e. after the costs of bought-in materials and services have been deducted from the total value of output).

## **Establishment**

An establishment is an enterprise or part of an enterprise that is situated in a single location and in which only a single productive activity is carried out or in which the principal productive activity accounts for most of the value added.

**Annex 3: Tables**

**Table 1: Morogoro Region GDP by Council (Millions TZS)**

<b>District</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Kilosa DC	792,083	974,645	1,059,625	1,220,557	1,441,314
Morogoro DC	99,989	116,355	114,698	129,421	133,929
Mlimba DC	628,164	738,319	825,392	934,561	949,441
Ulanga DC	755,375	763,894	867,195	984,325	1,076,699
Morogoro MC	886,861	949,356	1,035,469	1,041,316	1,182,824
Mvomero DC	634,341	708,658	749,579	830,861	852,174
Gairo DC	125,019	152,498	156,680	164,827	178,663
Ifakara TC	379,534	435,808	481,125	536,268	634,054
Malinyi DC	165,698	197,172	207,933	258,251	330,425
<b>Total</b>	<b>4,467,066</b>	<b>5,036,705</b>	<b>5,497,696</b>	<b>6,100,388</b>	<b>6,779,524</b>

**Table 2: Morogoro Region Population by Council (Number)**

<b>District</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Kilosa DC	473,316	487,319	499,414	512,798	525,546
Morogoro DC	305,290	310,275	324,042	327,913	336,465
Mlimba DC	328,740	337,602	344,397	354,996	363,558
Ulanga DC	163,167	167,250	172,250	176,195	180,829
Morogoro MC	346,842	357,731	363,997	375,668	386,118
Mvomero DC	336,809	345,589	355,536	364,028	373,223
Gairo DC	208,946	215,111	219,785	226,342	231,419
Ifakara TC	116,202	119,750	122,161	125,522	129,286
Malinyi DC	123,111	126,127	129,686	132,825	136,024
<b>Total</b>	<b>2,402,423</b>	<b>2,466,754</b>	<b>2,531,268</b>	<b>2,596,287</b>	<b>2,662,468</b>

**Table 3: Morogoro per Capita GDP by Council (TZS.)**

<b>District Council</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Kilosa DC	1,673,477	2,000,015	2,121,736	2,380,191	2,742,508
Morogoro DC	327,523	375,006	353,961	394,680	398,049
Mlimba DC	1,910,823	2,186,952	2,396,631	2,632,597	2,611,526
Ulanga DC	4,629,461	4,567,381	5,034,513	5,586,567	5,954,238
Morogoro MC	2,556,960	2,653,826	2,844,718	2,771,906	3,063,375
Mvomero DC	1,883,386	2,050,579	2,108,308	2,282,409	2,283,283
Gairo DC	598,331	708,925	712,876	728,220	772,033
Ifakara TC	3,266,159	3,639,313	3,938,448	4,272,304	4,904,275
Malinyi DC	1,345,925	1,563,284	1,603,357	1,944,298	2,429,165
<b>Regional Per Capita</b>	<b>1,859,400</b>	<b>2,041,835</b>	<b>2,171,914</b>	<b>2,349,658</b>	<b>2,546,331</b>
<b>National GDP Per Capita</b>	<b>1,968,965</b>	<b>2,191,190</b>	<b>2,327,395</b>	<b>2,452,406</b>	<b>2,573,324</b>



**Table 4: Data Sources by Activity**

<b>No.</b>	<b>Economic Activity</b>	<b>Data Sources</b>
1	Agriculture	Regional/District: Crop; Agriculture Officers and Agriculture Extension Officers Forestry: Natural Resources Livestock: Extension Officers, Fisheries: Fishing Department
2	Mining & Quarrying	Regional Mining Office
3	Manufacturing	Selected Small and Medium Manufacturing Industries
4	Construction	Local Govt. Accounts, Selected Construction Companies, including TANROADS and Private Household Construction
5	Electricity	TANESCO and other institutes produce electricity
6	Water	Urban/Rural Water Authorities
7	Transport	Selected Air/Rail/Road Operators (Private & Public)
8	Posts & Telecommunication	Posts and Telecommunication Operators (Private & Public)
9	Finance & Insurance	Banks, Bureau de Changes Insurance Companies and Brokers, Funds Institutions & Credit Societies
10	Real Estate	Selected Rented Houses, Local Government Accounts
11	Wholesale & Retail Trade	Selected Whole Sellers and Retail Traders
12	Business Services	Selected Accountants/Auditors, Lawyers, Consultants, etc.
13	Other Services	Selected Hair Dressing/Cutting Saloons, Sports clubs, Watch repairs, Shoe shiner/ Repair etc.
14	Public Admin.	Local Government Accounts, Sub-Treasury
15	Education	Selected Education Service providers (Govt. & Private)
16	Health	Selected Health Service providers (Govt. & Private)

**Table 5: Gross Domestic Product at Current Prices - Morogoro Region  
(Million TShs.)**

<b>Economic Activity</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>Agriculture</b>	<b>2,898,883</b>	<b>3,267,561</b>	<b>3,665,315</b>	<b>4,101,660</b>	<b>4,590,282</b>
Crops	2,508,811	2,898,095	3,233,917	3,617,890	4,075,190
Livestock	343,235	316,780	373,003	417,595	457,635
Forestry and Hunting	45,771	51,581	57,317	65,072	56,165
Fishing	1,066	1,105	1,078	1,103	1,292
<b>Industry and Construction</b>	<b>656,310</b>	<b>767,133</b>	<b>783,683</b>	<b>907,234</b>	<b>1,023,253</b>
Mining and Quarrying	206,390	267,229	255,639	313,806	346,040
Manufacturing	377,178	426,969	446,947	497,382	569,074
Electricity	43,384	26,245	22,358	22,112	22,207
Water	7,322	8,524	8,992	10,412	10,253
Construction	22,036	38,165	49,748	63,523	75,679
<b>Services</b>	<b>911,872</b>	<b>1,002,011</b>	<b>1,048,698</b>	<b>1,091,493</b>	<b>1,165,988</b>
Trade and Repairs	418,749	467,772	500,049	529,553	553,072
Transport and Storage	39,130	41,380	43,034	44,503	51,305
Hotels and Restaurants	72,361	76,802	77,916	78,954	84,875
Information and Communication	20,203	20,787	21,362	22,232	24,003
Finance and Insurance	53,295	66,423	58,796	57,572	59,050
Real Estate	30,021	31,893	32,743	33,931	36,728
Professional, scientific and technical activities	4,108	4,855	5,559	6,080	6,745
Public Administration	17,061	18,261	19,722	24,885	22,522
Education	147,674	154,242	159,861	157,726	180,383
Health	72,736	77,682	82,559	86,521	92,640
Other services	36,534	41,915	47,097	49,537	54,665
<b>TOTAL GDP</b>	<b>4,467,066</b>	<b>5,036,705</b>	<b>5,497,696</b>	<b>6,100,388</b>	<b>6,779,524</b>

**Table 6: Gross Domestic Product at Current Prices - Morogoro Region for the Year 2015 (Million TShs)**

<b>Economic Activity</b>	<b>Kilosa DC</b>	<b>Morogoro DC</b>	<b>Mlimba DC</b>	<b>Ulanga DC</b>	<b>Morogoro MC</b>	<b>Mvomero DC</b>	<b>Gairo DC</b>	<b>Ifakara TC</b>	<b>Malinyi DC</b>
<b>Agriculture</b>	<b>515,128</b>	<b>16,710</b>	<b>439,514</b>	<b>690,938</b>	<b>263,701</b>	<b>501,504</b>	<b>49,757</b>	<b>303,140</b>	<b>118,491</b>
Crops	473,580	1,224	426,344	648,790	111,499	479,493	44,030	228,456	95,394
Livestock	37,651	11,696	8,633	34,280	134,536	15,094	5,727	73,067	22,551
Forestry and Hunting	3,663	3,671	4,144	7,753	17,666	6,910	-	1,527	437
Fishing	234	118	393	115	-	6	-	90	110
<b>Industry and Construction</b>	<b>124,772</b>	<b>35,033</b>	<b>80,213</b>	<b>27,096</b>	<b>254,203</b>	<b>53,899</b>	<b>33,345</b>	<b>27,494</b>	<b>20,256</b>
Mining and Quarrying	40,662	26,227	28,242	14,018	29,797	28,935	17,950	9,983	10,576
Manufacturing	74,003	7,535	43,067	11,323	182,268	21,734	13,483	15,223	8,543
Electricity	8,512	867	4,954	1,302	20,965	2,500	1,551	1,751	983
Water	1,406	298	810	337	3,174	489	264	393	151
Construction	189	106	3,141	116	17,999	241	97	144	3
<b>Services</b>	<b>152,184</b>	<b>48,247</b>	<b>108,437</b>	<b>37,341</b>	<b>368,957</b>	<b>78,938</b>	<b>41,917</b>	<b>48,900</b>	<b>26,951</b>
Trade and Repairs	60,917	8,893	50,831	13,364	215,128	25,652	15,914	17,968	10,083
Transport and Storage	7,677	782	4,468	1,175	18,909	2,255	1,399	1,579	886
Hotels and Restaurants	14,197	1,446	8,262	2,172	34,968	4,170	2,587	2,921	1,639
Information and Communication	4,112	417	2,385	13	10,227	1,359	747	470	473
Finance and Insurance	10,457	1,065	6,085	1,600	25,754	3,071	1,905	2,151	1,207
Real Estate	5,890	600	3,428	901	14,507	1,730	1,073	1,212	680
Professional, scientific and technical activities	806	82	469	123	1,985	237	147	166	93
Public Administration	2,505	3,559	823	974	1,655	4,545	1,054	1,922	24
Education	24,196	17,584	16,805	9,633	30,122	20,674	7,634	14,733	6,293
Health	14,228	9,177	9,882	4,905	10,426	10,125	6,281	4,012	3,701
Other services	7,198	4,643	4,999	2,481	5,274	5,122	3,177	1,767	1,872
<b>TOTAL GDP</b>	<b>792,083</b>	<b>99,989</b>	<b>628,164</b>	<b>755,375</b>	<b>886,861</b>	<b>634,341</b>	<b>125,019</b>	<b>379,534</b>	<b>165,698</b>

**Table 7: Gross Domestic Product at Current Prices - Morogoro Region for the Year 2016 (Million TShs.)**

Economic Activity	Kilosa DC	Morogoro DC	Mlimba DC	Ulanga DC	Morogoro MC	Mvomero DC	Gairo DC	Ifakara TC	Malinyi DC
<b>Agriculture</b>	<b>662,496</b>	<b>22,069</b>	<b>512,673</b>	<b>691,391</b>	<b>255,471</b>	<b>559,565</b>	<b>67,109</b>	<b>353,394</b>	<b>143,392</b>
Crops	614,123	948	500,269	652,401	152,527	541,282	52,107	267,426	117,011
Livestock	42,364	13,301	8,281	31,916	84,310	11,502	15,002	84,254	25,851
Forestry and Hunting	5,784	7,699	3,698	6,937	18,634	6,781	-	1,620	428
Fishing	224	121	425	138	-	-	-	94	102
<b>Industry and Construction</b>	<b>143,583</b>	<b>42,992</b>	<b>105,324</b>	<b>32,173</b>	<b>282,881</b>	<b>64,316</b>	<b>39,906</b>	<b>31,899</b>	<b>24,059</b>
Mining and Quarrying	52,792	33,613	36,573	18,119	38,754	37,438	23,303	12,973	13,664
Manufacturing	83,781	8,420	48,633	12,762	206,714	24,521	15,263	17,251	9,624
Electricity	5,150	518	2,989	784	12,707	1,507	938	1,060	592
Water	1,639	319	949	373	3,730	582	307	448	177
Construction	220	122	16,179	134	20,976	267	95	167	4
<b>Services</b>	<b>168,566</b>	<b>51,294</b>	<b>120,323</b>	<b>40,331</b>	<b>411,004</b>	<b>84,777</b>	<b>45,482</b>	<b>50,514</b>	<b>29,721</b>
Trade and Repairs	68,060	9,807	56,643	14,864	240,760	28,560	17,777	20,092	11,209
Transport and Storage	8,116	833	4,711	1,236	20,026	2,376	1,479	1,671	932
Hotels and Restaurants	15,070	1,515	8,748	2,296	37,183	4,411	2,745	3,103	1,731
Information and Communication	4,215	422	2,439	14	10,464	1,386	765	600	483
Finance and Insurance	13,034	1,310	7,566	1,985	32,158	3,815	2,374	2,684	1,497
Real Estate	6,258	629	3,633	953	15,441	1,832	1,140	1,289	719
Professional, scientific and technical activities	953	96	553	145	2,350	279	174	196	109
Public Administration	2,602	3,623	1,213	1,092	2,439	4,588	1,047	1,624	33
Education	26,631	18,016	18,450	9,636	32,840	20,775	7,551	13,450	6,893
Health	15,346	9,771	10,632	5,267	11,265	10,883	6,774	3,771	3,972
Other services	8,281	5,272	5,737	2,842	6,079	5,872	3,655	2,035	2,143
<b>TOTAL GDP</b>	<b>974,645</b>	<b>116,355</b>	<b>738,319</b>	<b>763,894</b>	<b>949,356</b>	<b>708,658</b>	<b>152,498</b>	<b>435,808</b>	<b>197,172</b>

**Table 8: Gross Domestic Product at Current Prices - Morogoro Region for the Year 2017 (Million TShs.)**

<b>Economic Activity</b>	<b>Kilosa DC</b>	<b>Morogoro DC</b>	<b>Mlimba DC</b>	<b>Ulanga DC</b>	<b>Morogoro MC</b>	<b>Mvomero DC</b>	<b>Gairo DC</b>	<b>Ifakara TC</b>	<b>Malinyi DC</b>
<b>Agriculture</b>	<b>739,034</b>	<b>18,301</b>	<b>585,486</b>	<b>793,145</b>	<b>312,922</b>	<b>597,785</b>	<b>69,691</b>	<b>396,417</b>	<b>152,534</b>
Crops	679,090	2,302	574,195	754,445	149,759	582,824	55,231	306,396	129,674
Livestock	52,222	7,812	7,140	29,964	143,920	7,588	14,460	87,612	22,284
Forestry and Hunting	7,504	8,046	3,657	8,636	19,243	7,355	-	2,318	558
Fishing	218	140	494	100	-	19	-	91	17
<b>Industry and Construction</b>	<b>144,858</b>	<b>42,642</b>	<b>113,558</b>	<b>32,076</b>	<b>291,252</b>	<b>63,993</b>	<b>39,489</b>	<b>31,869</b>	<b>23,945</b>
Mining and Quarrying	50,437	32,726	34,782	17,396	36,761	35,907	22,197	12,337	13,097
Manufacturing	88,004	9,014	50,850	13,472	215,586	25,857	15,984	18,037	10,142
Electricity	4,454	456	2,309	682	10,912	1,309	809	913	513
Water	1,736	332	989	370	3,941	608	372	456	188
Construction	226	115	24,628	156	24,052	313	128	126	4
<b>Services</b>	<b>175,732</b>	<b>53,755</b>	<b>126,348</b>	<b>41,974</b>	<b>431,295</b>	<b>87,801</b>	<b>47,500</b>	<b>52,839</b>	<b>31,453</b>
Trade and Repairs	72,443	10,738	60,577	16,049	256,826	30,803	19,042	21,488	12,082
Transport and Storage	8,473	868	4,896	1,297	20,757	2,490	1,539	1,737	977
Hotels and Restaurants	15,494	1,587	8,953	2,372	37,183	4,552	2,814	3,176	1,786
Information and Communication	4,335	442	2,495	15	10,691	1,372	784	730	498
Finance and Insurance	11,577	1,186	6,689	1,772	28,360	3,401	2,103	2,373	1,334
Real Estate	6,447	660	3,725	987	15,794	1,894	1,171	1,321	743
Professional, scientific and technical activities	1,095	112	633	168	2,682	322	199	224	126
Public Administration	2,539	3,559	1,604	1,211	3,593	4,396	1,242	1,519	59
Education	27,749	18,005	19,136	9,281	36,764	20,359	7,348	14,014	7,206
Health	16,289	10,569	11,233	5,618	11,872	11,596	7,168	3,984	4,230
Other services	9,292	6,029	6,408	3,205	6,773	6,615	4,089	2,273	2,413
<b>TOTAL GDP</b>	<b>1,059,625</b>	<b>114,698</b>	<b>825,392</b>	<b>867,195</b>	<b>1,035,469</b>	<b>749,579</b>	<b>156,680</b>	<b>481,125</b>	<b>207,933</b>

**Table 9: Gross Domestic Product at Current Prices - Morogoro Region for the Year 2018 (Million TShs.)**

<b>Economic Activity</b>	<b>Kilosa DC</b>	<b>Morogoro DC</b>	<b>Mlimba DC</b>	<b>Ulanga DC</b>	<b>Morogoro MC</b>	<b>Mvomero DC</b>	<b>Gairo DC</b>	<b>Ifakara TC</b>	<b>Malinyi DC</b>
<b>Agriculture</b>	<b>870,499</b>	<b>21,603</b>	<b>664,113</b>	<b>902,929</b>	<b>270,726</b>	<b>665,136</b>	<b>67,684</b>	<b>441,487</b>	<b>197,484</b>
Crops	808,291	1,332	648,120	845,446	115,070	626,429	52,954	349,058	171,189
Livestock	54,275	8,114	11,523	47,688	135,979	31,430	14,730	89,796	24,060
Forestry and Hunting	7,693	12,025	3,973	9,691	19,677	7,259	-	2,538	2,218
Fishing	239	133	497	104	-	18	-	95	16
<b>Industry and Construction</b>	<b>165,940</b>	<b>52,300</b>	<b>137,814</b>	<b>37,348</b>	<b>327,880</b>	<b>74,829</b>	<b>46,449</b>	<b>36,696</b>	<b>27,977</b>
Mining and Quarrying	61,980	39,634	42,907	21,296	45,406	43,999	27,357	15,171	16,054
Manufacturing	97,699	9,862	56,670	14,899	240,561	28,624	17,797	20,038	11,231
Electricity	4,051	2,350	1,896	618	9,976	1,187	738	831	466
Water	2,035	345	1,150	393	4,654	669	426	521	219
Construction	175	109	35,190	142	27,283	350	131	135	7
<b>Services</b>	<b>184,118</b>	<b>55,518</b>	<b>132,635</b>	<b>44,048</b>	<b>442,710</b>	<b>90,896</b>	<b>50,693</b>	<b>58,085</b>	<b>32,791</b>
Trade and Repairs	77,167	11,162	64,143	16,864	272,282	32,398	20,144	22,680	12,712
Transport and Storage	8,741	882	5,071	1,333	21,524	2,561	1,592	1,793	1,005
Hotels and Restaurants	15,509	1,565	8,996	2,365	38,187	4,544	2,825	3,181	1,783
Information and Communication	4,489	451	2,593	15	11,116	1,520	814	720	514
Finance and Insurance	11,309	1,142	6,560	1,725	27,845	3,313	2,060	2,319	1,300
Real Estate	6,665	673	3,866	1,016	16,411	1,953	1,214	1,367	766
Professional, scientific and technical activities	1,194	121	693	182	2,941	350	218	245	137
Public Administration	3,113	3,756	1,994	1,330	6,031	4,552	1,716	2,308	86
Education	29,059	18,582	20,117	9,985	26,687	20,629	8,248	16,893	7,527
Health	17,089	10,928	11,830	5,872	12,519	12,131	7,543	4,183	4,426
Other services	9,784	6,257	6,773	3,362	7,168	6,946	4,319	2,395	2,534
<b>TOTAL GDP</b>	<b>1,220,557</b>	<b>129,421</b>	<b>934,561</b>	<b>984,325</b>	<b>1,041,316</b>	<b>830,861</b>	<b>164,827</b>	<b>536,268</b>	<b>258,251</b>

**Table 10: Gross Domestic Product at Current Prices - Morogoro Region for the Year 2019 (Million TShs.)**

<b>Economic Activity</b>	<b>Kilosa DC</b>	<b>Morogoro DC</b>	<b>Mlimba DC</b>	<b>Ulanga DC</b>	<b>Morogoro MC</b>	<b>Mvomero DC</b>	<b>Gairo DC</b>	<b>Ifakara DC</b>	<b>Malinyi DC</b>
<b>Agriculture</b>	<b>1,059,806</b>	<b>16,774</b>	<b>651,969</b>	<b>988,031</b>	<b>329,180</b>	<b>671,825</b>	<b>74,754</b>	<b>533,624</b>	<b>264,318</b>
Crops	993,677	1,515	639,013	915,736	168,812	618,833	61,137	437,926	238,541
Livestock	61,592	9,481	7,991	62,198	138,972	44,935	13,617	93,515	25,333
Forestry and Hunting	4,271	5,590	4,358	10,020	21,396	8,032	-	2,075	422
Fishing	267	188	606	76	-	26	-	109	21
<b>Industry and Construction</b>	<b>186,002</b>	<b>57,831</b>	<b>156,911</b>	<b>41,632</b>	<b>373,272</b>	<b>83,364</b>	<b>51,608</b>	<b>41,448</b>	<b>31,184</b>
Mining and Quarrying	68,305	43,730	47,251	23,502	50,184	48,508	30,077	16,803	17,679
Manufacturing	111,613	11,280	64,695	17,045	275,616	32,713	20,284	23,007	12,821
Electricity	4,036	2,339	2,038	616	9,966	1,183	733	832	464
Water	1,875	360	1,138	381	4,631	602	414	635	218
Construction	173	122	41,789	88	32,876	358	99	171	3
<b>Services</b>	<b>195,506</b>	<b>59,324</b>	<b>140,562</b>	<b>47,036</b>	<b>480,372</b>	<b>96,984</b>	<b>52,301</b>	<b>58,982</b>	<b>34,922</b>
Trade and Repairs	80,494	11,653	66,833	17,608	284,724	33,794	20,954	23,767	13,245
Transport and Storage	10,063	1,017	5,833	1,537	24,848	2,949	1,829	2,074	1,156
Hotels and Restaurants	16,647	1,682	9,649	2,542	41,107	4,879	3,025	3,431	1,912
Information and Communication	4,743	477	2,737	16	11,781	1,849	858	1,000	542
Finance and Insurance	11,582	1,170	6,713	1,769	28,599	3,394	2,105	2,387	1,330
Real Estate	7,204	728	4,175	1,100	17,788	2,111	1,309	1,485	827
Professional, scientific and technical activities	1,323	134	767	202	3,267	388	240	273	152
Public Administration	2,939	3,721	1,994	1,441	3,973	4,645	1,475	2,239	95
Education	31,436	20,126	21,747	10,817	42,922	22,325	7,702	15,173	8,136
Health	18,286	11,707	12,650	6,292	13,435	12,986	8,052	4,498	4,733
Other services	10,790	6,908	7,464	3,713	7,928	7,663	4,751	2,654	2,793
<b>TOTAL GDP</b>	<b>1,441,314</b>	<b>133,929</b>	<b>949,441</b>	<b>1,076,699</b>	<b>1,182,824</b>	<b>852,174</b>	<b>178,663</b>	<b>634,054</b>	<b>330,425</b>

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