



ANNUAL NATIONAL ACCOUNTS

ZANZIBAR

2007-2014

Bulletin No. 2

OFFICE OF THE CHIEF GOVERNMENT STATISTICIAN

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Foreword

National Accounts presents macroeconomic picture of an economy and also reflects, in course of time, the changes occurring in the economic behaviour of an economy. Some of the recommendations of SNA 2008 were implemented which is an effort towards reflecting the changes in the global economy.

This Second publication, presents a summary of National Accounts aggregates, brief description of the Methodology and main National Accounts tables: Gross Output, Intermediate Consumption, Gross Value Added by Economic Activities. A new series of Gross Domestic Product by production approach and other related macroeconomic indicators are presented in this publication. The details of the proceedings and Methodologies will be followed with comprehensive manual on Zanzibar System of National Accounts.

World Bank through TSMP project has provided financial assistance to enhance the system of National Accounts of Zanzibar. OCGS would like to express hearty gratitude to the bank. EAST AFRITAC Macroeconomic Statistics Advisor, Mr Zia A. Abbasi and IMF Consultant, Mrs: Pamela Audi deserve special appreciation for their initiation and contribution in materializing the implementation of the project and through a project they have also provided technical expertise at different stages of the project to enhance the system of National Accounts of Zanzibar.

This publication is a collaborative effort of external experts and a team of National Accounts section of Office of Chief Government Statistician led by Khalid Chum, Fadhil A. Hassan, Bakari K. Makame, Faida S. Juma, and Suleiman A. Hamad. Statistics Denmark consultants who worked in the initial stage and Mr: Zia A. Abbasi who worked in big part in a later stage of the project. Other staff of the OCGS who have devoted much of their time in data collection, processing and compilation are highly acknowledged. Mr: Abdul R. Abeid, Head of Economic Statistics Section and Mr: Mbwana Othman, TSMP Coordinator based in Zanzibar who provided guidance to steer the project in earlier and later stages respectively. My sincere thanks go to both of them.

Thanks are also due to the related Government Ministries and Departments, Bank of Tanzania Zanzibar Branch, other banks operating in Zanzibar and other Non-Government Agencies in making available the requisite data for compiling the National Accounts statistics.

I am pleased to commend this report to National and International users of Zanzibar's National accounts statistics. I am confident that the information on Sources and Methods used in compiling the National Accounts will inform users of the methodological soundness, International comparability, accuracy and reliability of Zanzibar's GDP.

We always welcome suggestions for improvements of the System of National Accounts statistics of Zanzibar.

Mohamed H. Rajab
Chief Government Statistician

Zanzibar.

PART I – ANALYSIS OF RESULTS

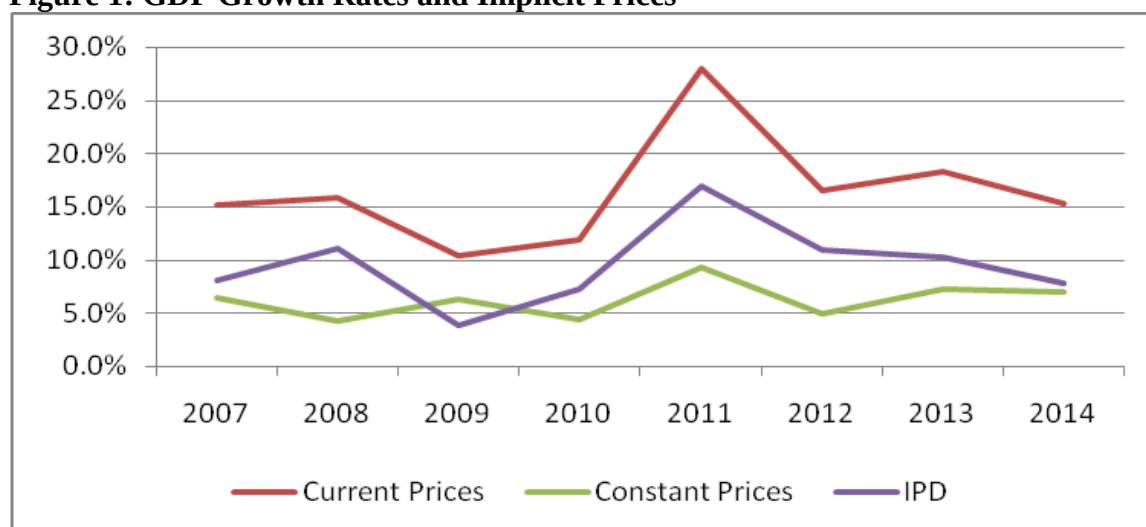
The latest national accounts estimates for 2014 are analysed in this section of the bulletin. The analysis focuses on real growth at constant 2007 prices, unless stated otherwise. An overview of the concepts, sources and methods used to compile these estimates is provided in Part II, while the detailed estimates are presented in the statistical tables in Part III.

Summary

Gross Domestic Product (GDP)

In 2014, the Zanzibar economy grew by 7.0 percent at 2007 constant prices, compared to the revised real growth of 7.2 percent in 2013.

Figure 1: GDP Growth Rates and Implicit Prices



The estimated nominal GDP for 2014 grew by 15.3 percent in current prices, compared to the revised 2013 growth rate of 18.2 percent; while the GDP implicit price deflator increased 7.8 percent compared to 10.2 percent in the previous year.

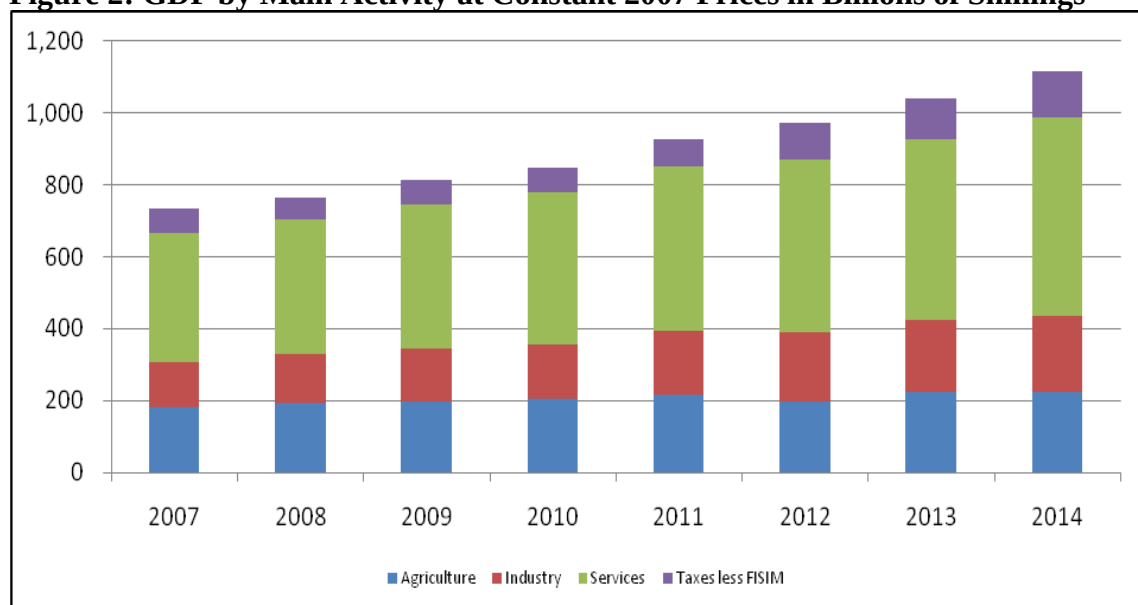
Table 1: Growth Rates by Sector and Total GDP (Constant 2007 Prices)

Sector	2007	2008	2009	2010	2011	2012	2013	2014
Agriculture	0.2%	5.5%	3.8%	3.3%	4.7%	-8.3%	13.2%	-0.4%
Industry	3.5%	11.6%	5.4%	4.6%	18.4%	7.5%	3.5%	6.0%
Services	9.6%	3.4%	7.5%	4.9%	8.5%	4.8%	4.6%	9.8%
Taxes less subsidies	6.5%	-7.3%	10.2%	3.4%	9.6%	33.4%	14.1%	10.2%
Total	6.5%	4.2%	6.2%	4.3%	9.3%	4.9%	7.2%	7.0%

The Agriculture Sector gross value added (GVA) in 2014 decreased by 0.4 percent in constant 2007 prices. The GDP share of the Agriculture Sector decreased from 21.4 percent in 2013 to 19.9 percent in 2014. By comparison the Industry Sector grew modestly by 6.0 percent in 2014. Industry Sector share of GDP declined in 2014, accounting for 19.0 percent compared to 19.2 percent in 2013. The Services Sector grew

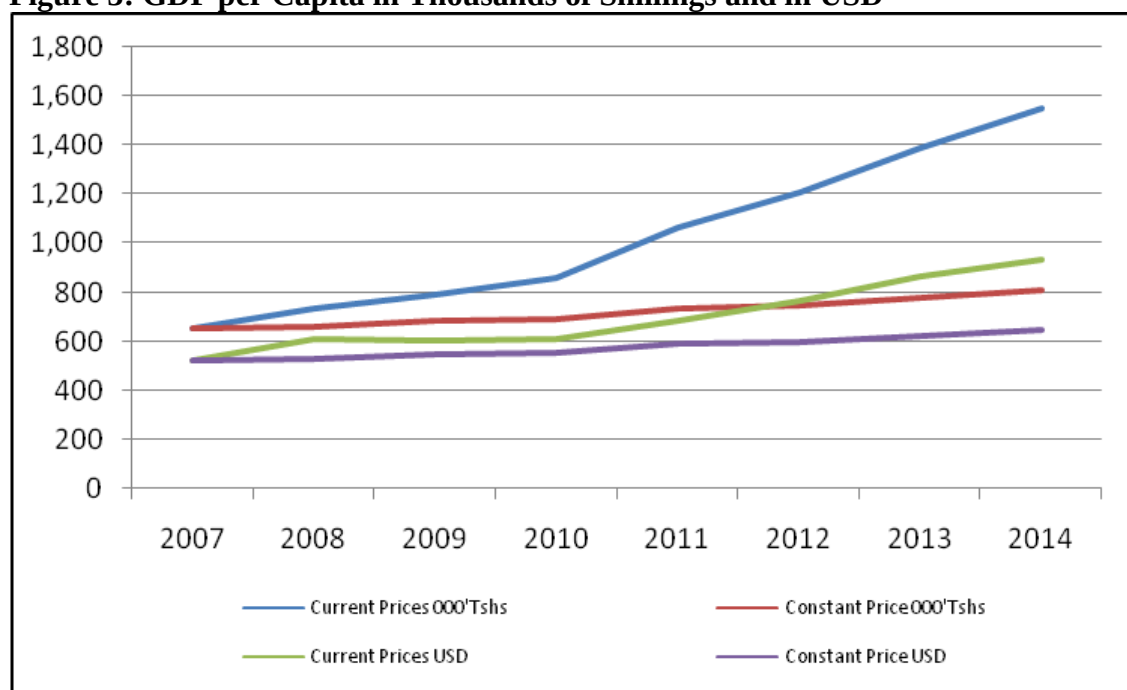
by 9.8 percent in 2014, accounting for 57.4 percent of total GDP in constant 2007 prices in 2014, compared to 56.1 percent in 2013. Taxes less subsidies on products continued to grow significantly, up 10.2 percent in 2014, and accounting for 12.8 percent of GDP, compared to 12.4 percent of GDP for the previous year.

Figure 2: GDP by Main Activity at Constant 2007 Prices in Billions of Shillings



Per Capita GDP

Figure 3: GDP per Capita in Thousands of Shillings and in USD



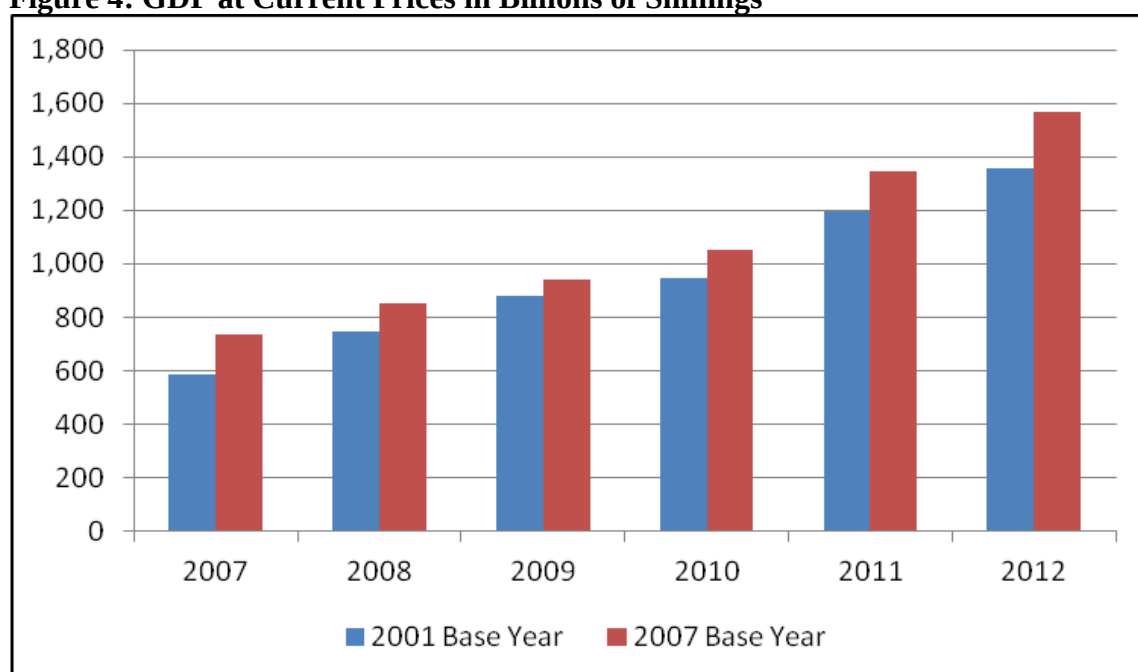
The estimated GDP per capita in 2014 in current prices was 1,548 million Tanzanian Shillings (Tshs), up 11.8 percent from the previous year, and 936 US Dollars

(USD), up 8.1 percent. In real terms, GDP per capita increased 3.7 percent at constant 2007 prices in 2014 to Tshs 0.809 million and increased 3.7 percent to USD 649.

Revisions to GDP

A number of revisions have been made to the national accounts series back to 2007, as a result of the rebasing of GDP from the 2001 base year to the new 2007 base year. The revisions to the previous estimates have resulted in the overall level of GDP at current prices increasing by an average of 15.3 percent, with revised levels increasing by 25.1 percent in 2007, down to 6.9 percent in 2009 and up again to 18.2 percent in 2013. The reasons and effects of the revisions are discussed in more detail in the revisions section of this issue.

Figure 4: GDP at Current Prices in Billions of Shillings



The compilation of supply and use tables in developing the 2007 base year estimates significantly improved the coverage of economic activities in the economy, especially for the informal sector and non-profit institutions serving households. The use of better quality data from the latest benchmark surveys also helped to improve base year input-output ratios, ex-farm and ex-factory prices, monetary/non-monetary ratios, and other variables.

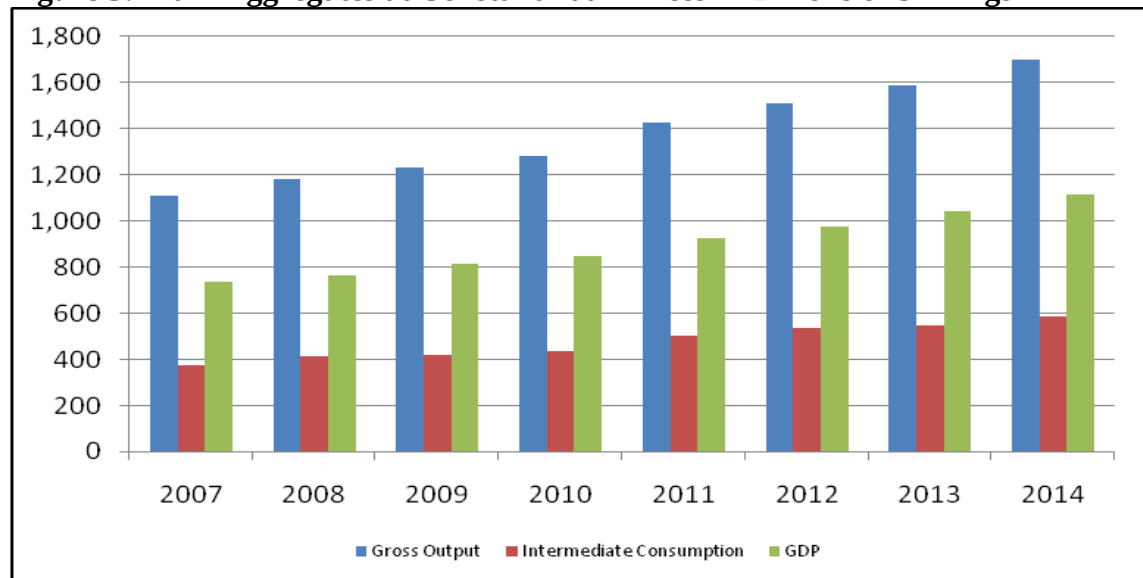
The compilation methodology for producing annual estimates has also been significantly improved by implementing a number of recommendations of the System of National Accounts 1993 and 2008. The changes include implementing the work-in-progress methodology for agriculture and construction; compiling estimates at a more detailed level; compiling separate output and intermediate consumption estimates; and reducing the use of fixed input-output ratios. The revised methodology also makes use of more representative value and volume indicators; and prices data.

Production Account

Main Aggregates

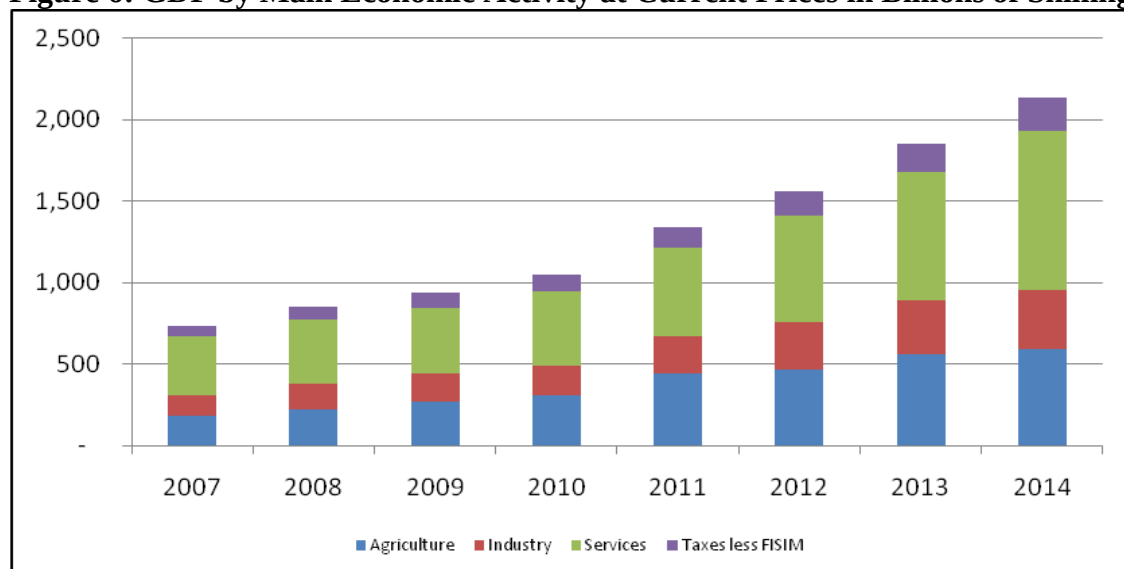
In 2014, output increased by 7.2 percent at constant 2007 prices, compared to the output growth of 5.2 percent in 2013. By comparison, intermediate consumption only grew by 7.5 percent in 2014, compared to 1.4 percent in 2013. GDP grew by 7.0 percent, compared to the revised real growth of 7.2 percent in 2013.

Figure 5: Main Aggregates at Constant 2007 Prices in Billions of Shillings



GDP by Economic Sector

Figure 6: GDP by Main Economic Activity at Current Prices in Billions of Shillings



In current prices, the Agriculture Sector now accounts for 27.9 percent of GDP compared with 24.7 percent in 2007. This increase is entirely due to the significantly

higher increases in agricultural, forestry and fish prices compared to the more subdued price increases for most other industries. The sector's contribution to GDP decreased in volume terms to 19.9 percent of GDP in 2014, once price effects are removed.

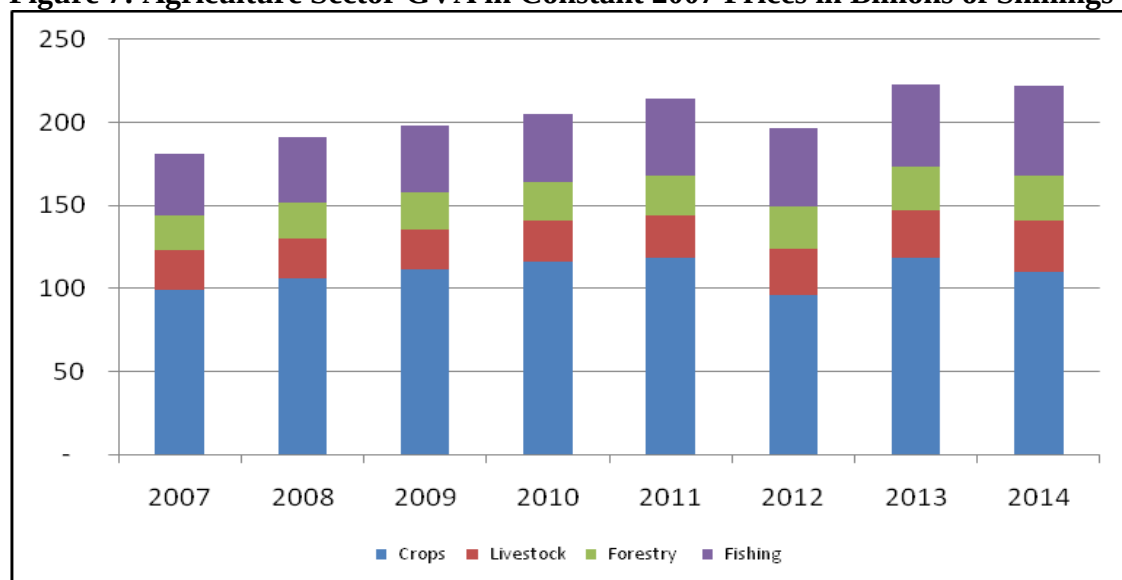
The contribution of the Industrial Sector continued to maintain, from 16.8 percent in 2007 to the same percent in 2014 due to significant growth in volume terms partly offset by slow growth in industry prices relative to the agricultural commodity prices. The sector's contribution to GDP increased in volume terms to 19.0 percent of GDP in 2014.

The contribution of the Services Sector to GDP in nominal terms decreased from 58.2 percent in 2007 to 54.2 percent in 2014 due to low growth in both prices and volume terms. The sector's contribution to GDP increased in volume terms to 57.4 percent of GDP in 2014 mainly due to the decrease of an impact of the global financial crisis.

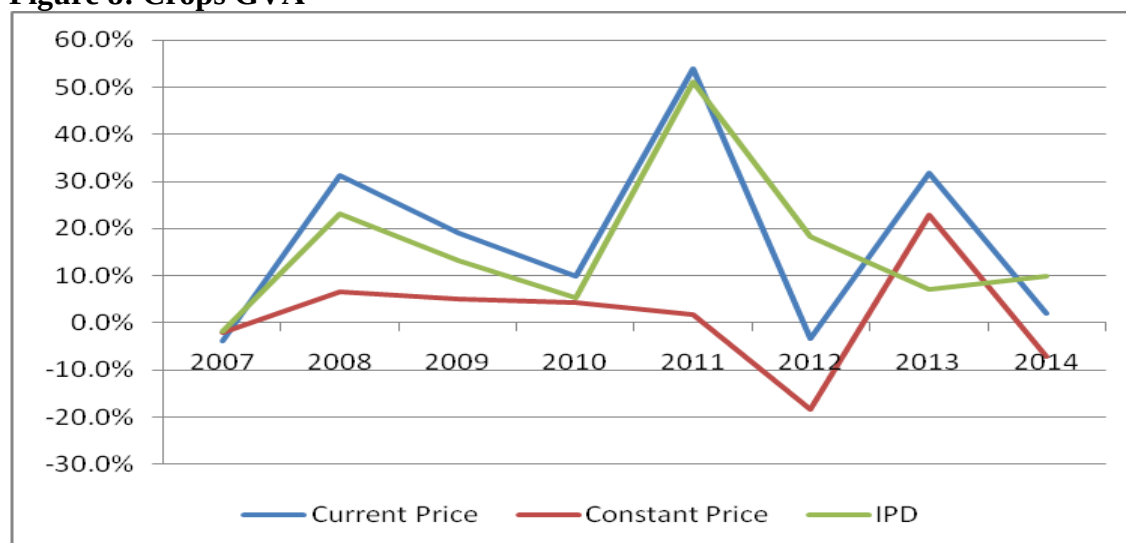
While the contribution of taxes on products less financial intermediation services indirectly measured (FISIM) changed only slightly in nominal terms from 10.0 percent of GDP in 2007 to 10.6 percent in 2014, it increased significantly in real terms to 12.8 percent in 2014.

Agriculture Sector

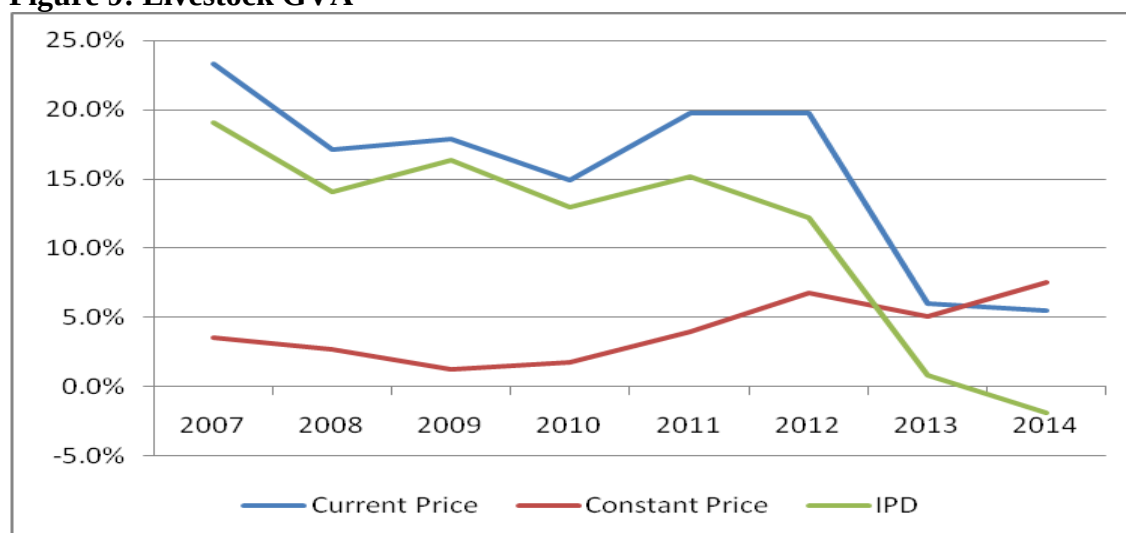
Figure 7: Agriculture Sector GVA in Constant 2007 Prices in Billions of Shillings



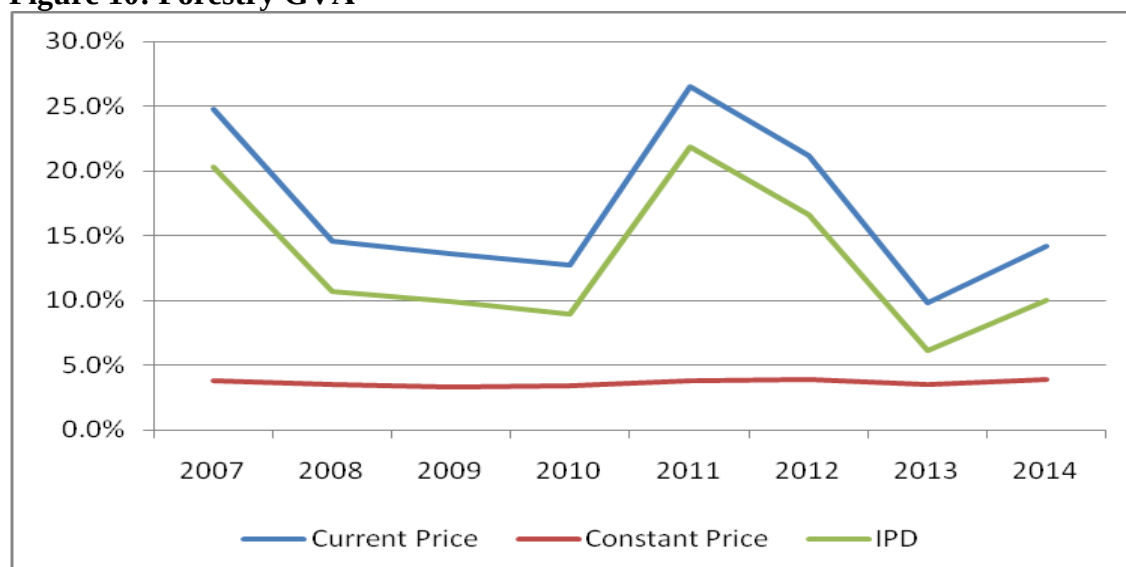
The Agriculture Sector GVA in 2014 decreased by 0.4 percent in constant 2007 prices, compared to an increase of 13.2 percent in the previous year, due mainly to weather conditions. The sector is dominated by Crops production and Fishing, accounting for 49.5 percent and 24.2 percent respectively of the sector's GVA in 2014. Livestock production accounted for 14.1 percent, while Forestry accounted for 12.2 percent of the sector in 2014.

Figure 8: Crops GVA

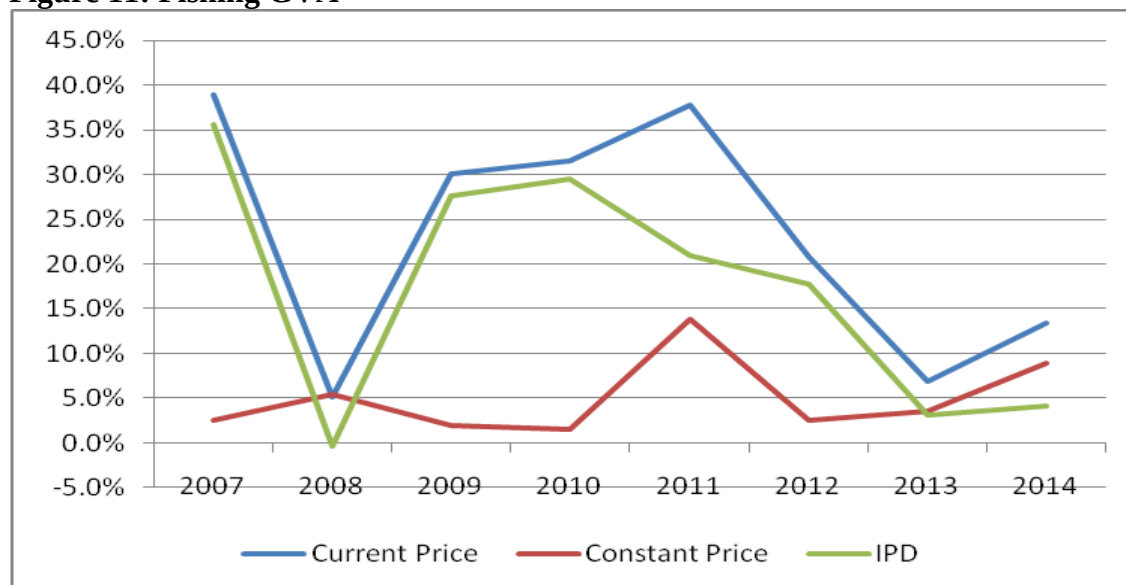
Crops GVA decreased by 7.2 percent at constant 2007 prices in 2014 compared to a increase of 22.9 percent in 2013 due to drought conditions. The main contributors to decrease were decreased production of cloves, paddy rice, other cereals and rubber. Partly offsetting the decreases were increases in seaweeds, bananas, maize and sweet potatoes; with other minor crops also increasing. In current prices, the GVA increased by 2.0 percent in 2014 compared to an increase of 31.6 percent in 2013. The implicit price deflator increased 9.9 percent in 2014 compared to 7.1 percent the previous year. The spikes in prices in 2008 and 2011 were mainly a result of significant price increases for cloves.

Figure 9: Livestock GVA

Livestock GVA increased by 7.5 percent in 2014 compared to an increase of 5.1 percent in 2014 in real terms. The main contributor to the change was the increase in poultry (up 8.3 percent), followed by milk production (up 8.2 percent) and eggs (up 7.6 percent). In current prices, Livestock GVA increased by 5.5 percent in 2014 compared to an increase of 6.0 percent in 2013, with implicit price deflator decreasing by 1.9 percent compared to 0.9 percent the previous year.

Figure 10: Forestry GVA

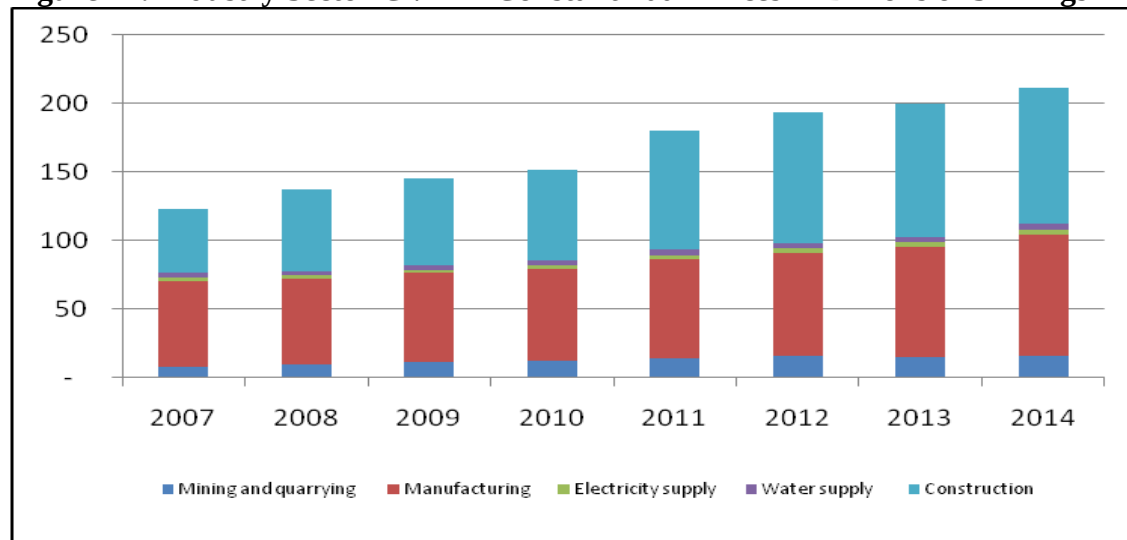
Forestry GVA increased by 3.8 percent in 2014 compared to an increase of 3.5 percent in 2013 in real terms. The main contributors to the change were increased production of charcoal, firewood, and logging up 8.7 percent, 3.0 percent and 0.6 percent respectively. In current prices, Forestry GVA increased by 14.2 percent in 2014 compared to an increase of 9.8 percent in 2013, with implicit price deflator increasing 9.9 percent compared to 6.1 percent the previous year.

Figure 11: Fishing GVA

Fishing GVA increased by 8.9 percent in 2014 compared to an increase of 3.6 percent in 2013 at constant 2007 prices. The main contributor to the change was the increase in marine fish catch of 8.5 percent and seaweed production of 20.4 percent. In current prices, Fishing GVA increased by 13.3 percent in 2014 compared to an increase of 6.9 percent in 2013, with implicit price deflator increasing 4.1 percent compared to 3.2 percent the previous year.

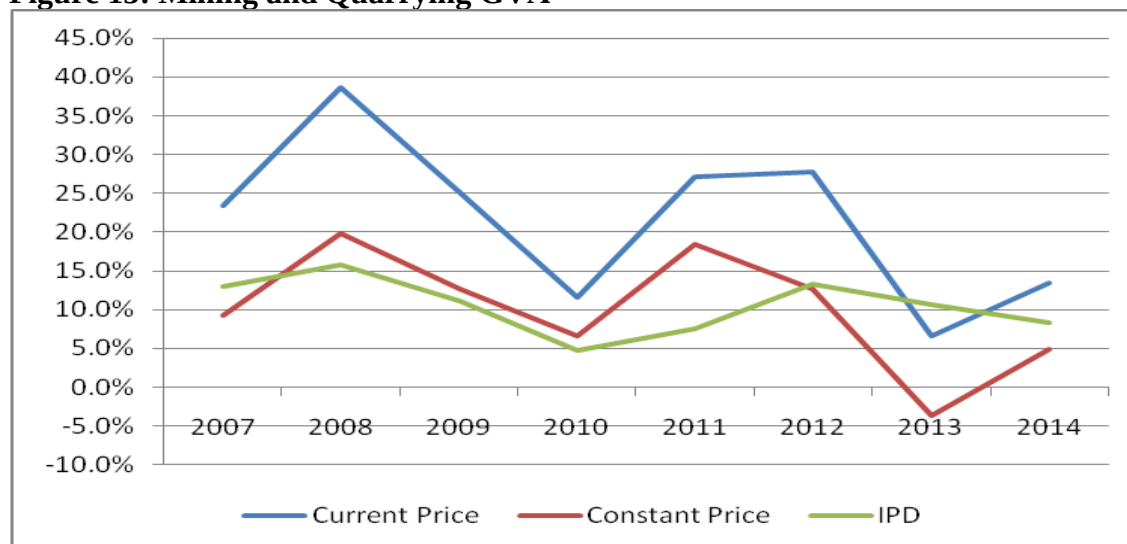
Industry Sector

Figure 12: Industry Sector GVA in Constant 2007 Prices in Billions of Shillings

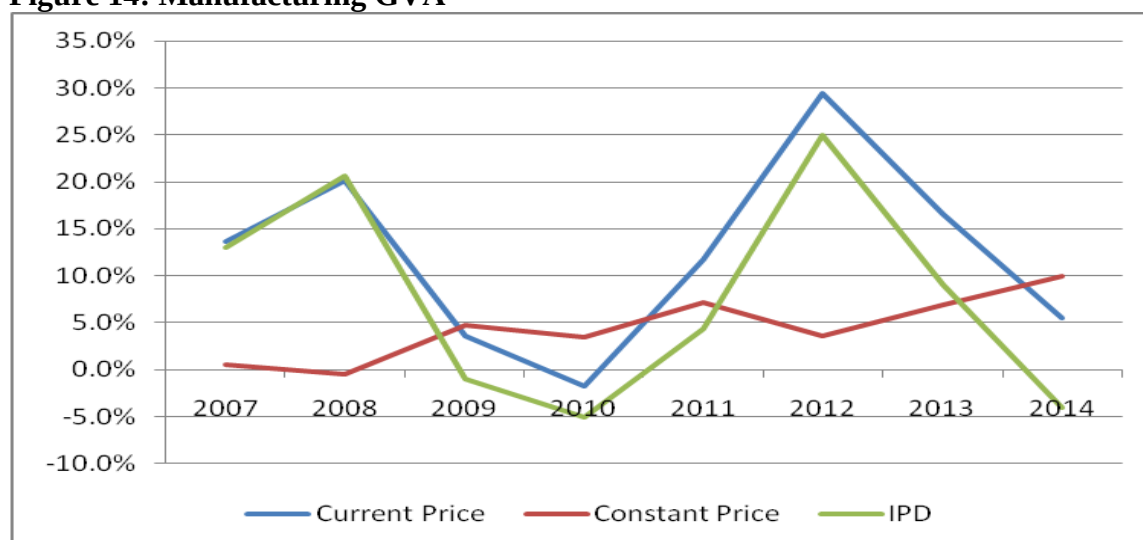


The Industry Sector GVA in 2014 increased by 6.0 percent in constant 2007 prices, compared to a revised increase of 3.5 percent in the previous year. The sector is dominated by Construction and Manufacturing industries, accounting for 47.1 percent and 41.4 percent respectively of the sector's GVA in 2014. Mining and quarrying accounted for 7.7 percent, while Electricity and Water Supply each accounted for 3.8 percent of the sector in 2014.

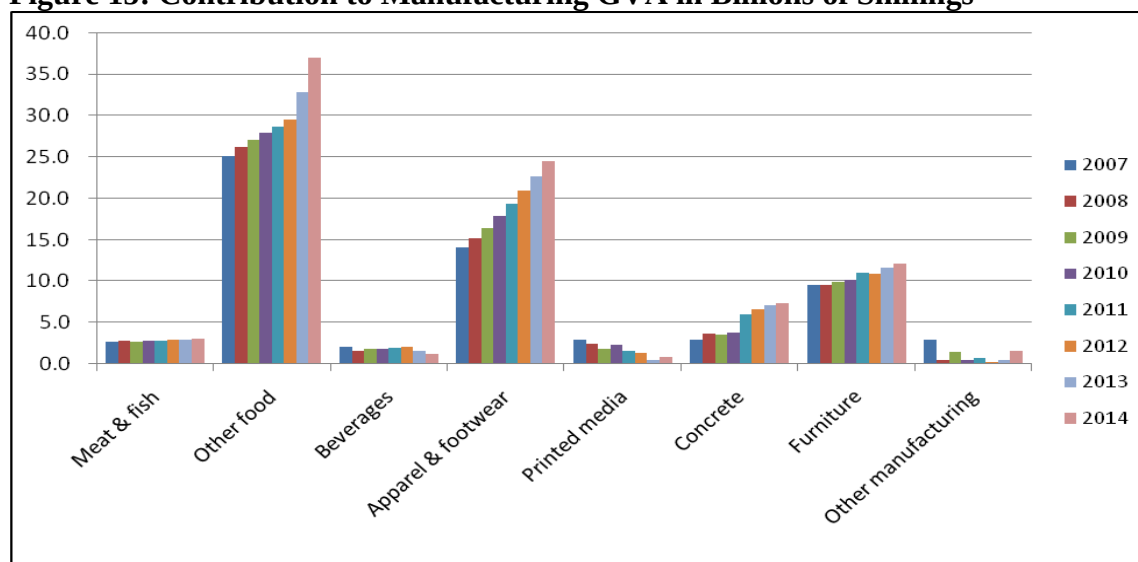
Figure 13: Mining and Quarrying GVA



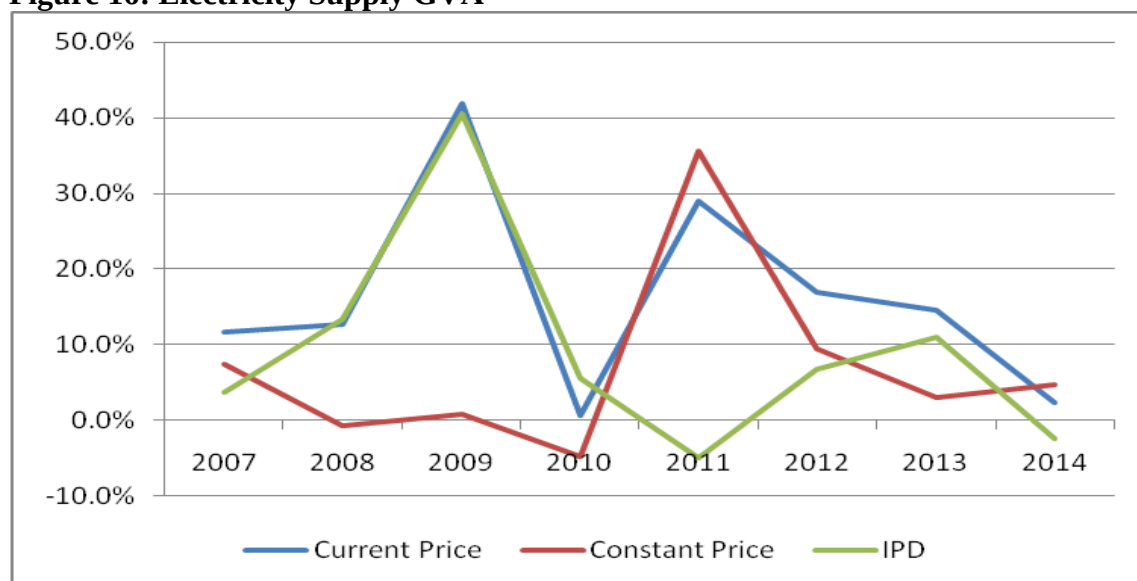
The GVA for Mining and quarrying increased by 4.9 percent in 2014 compared to decrease of 3.6 percent in 2013 in real terms. The main contributor to the change was the increase in sand production, by 13.3 percent; partly offset by decreases in the production of gravel of 10.9 percent and stone of 0.7 percent. In current prices, the GVA for Mining and quarrying increased by 13.5 percent in 2014 compared to an increase of 6.3 percent in 2013, with the implicit price deflator increasing 8.2 percent compared to 10.7 percent the previous year.

Figure 14: Manufacturing GVA

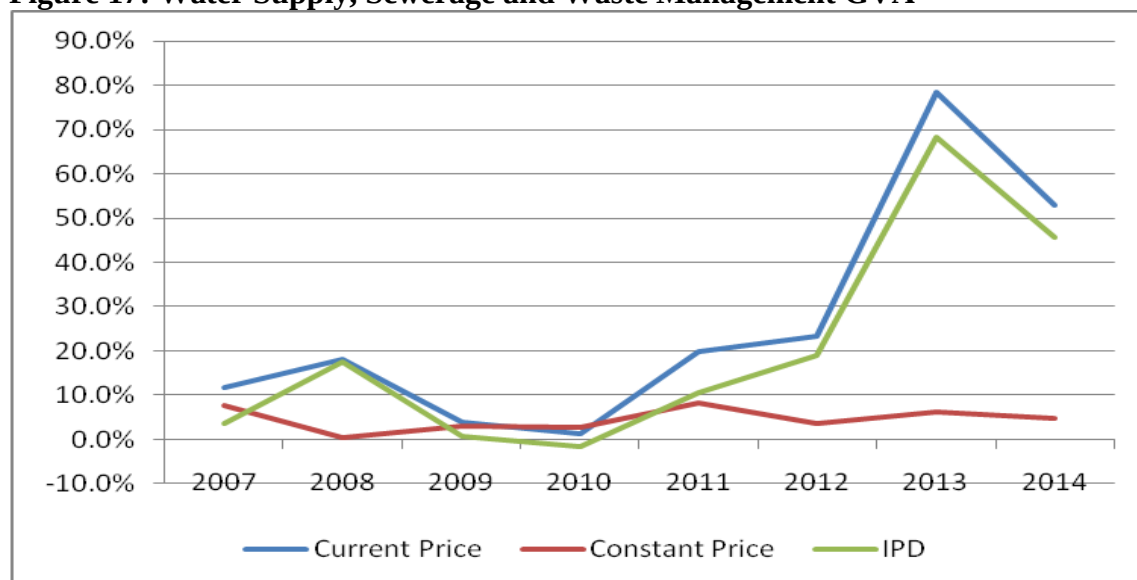
Manufacturing GVA increased by 9.9 percent in 2014 compared to an increase of 6.9 percent in 2013 at constant 2007 prices. The main contributors to this growth rate were increases of 60.2 percent in Printing and recorded media, 12.5 percent in other food manufacturing and 8.3 percent in the production of wearing apparel and footwear. Concrete, furniture, meat and processed fish, and other manufacturing also contributed to the increase. These increases were partly offset by decreases in beverages production. In current prices, Manufacturing GVA increased by 5.5 percent in 2014 compared to an increase of 16.6 percent in 2013, with the implicit price deflator decreasing 4.0 percent compared to 9.1 percent in the previous year.

Figure 15: Contribution to Manufacturing GVA in Billions of Shillings

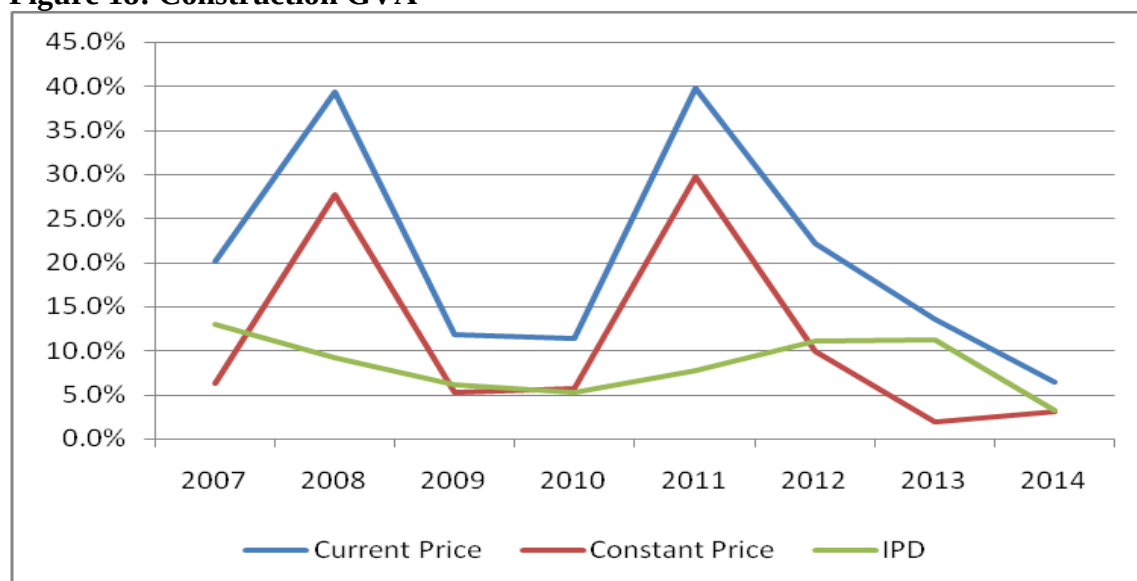
In 2014, Manufacturing GVA was dominated by other food manufacturing (42.2 percent) and production of wearing apparel and footwear (28.0 percent); with furniture (13.9 percent) and concrete manufacturing (8.4 percent) being the next largest contributors.

Figure 16: Electricity Supply GVA

The GVA for Electricity supply increased by 4.7 percent in 2014 compared to an increase of 3.1 percent in 2013 in real terms. In current prices, the GVA for Electricity supply increased by 2.3 percent in 2014 compared to an increase of 14.4 percent in 2013, with the implicit price deflator decreasing 2.3 percent compared to 11.0 percent the previous year.

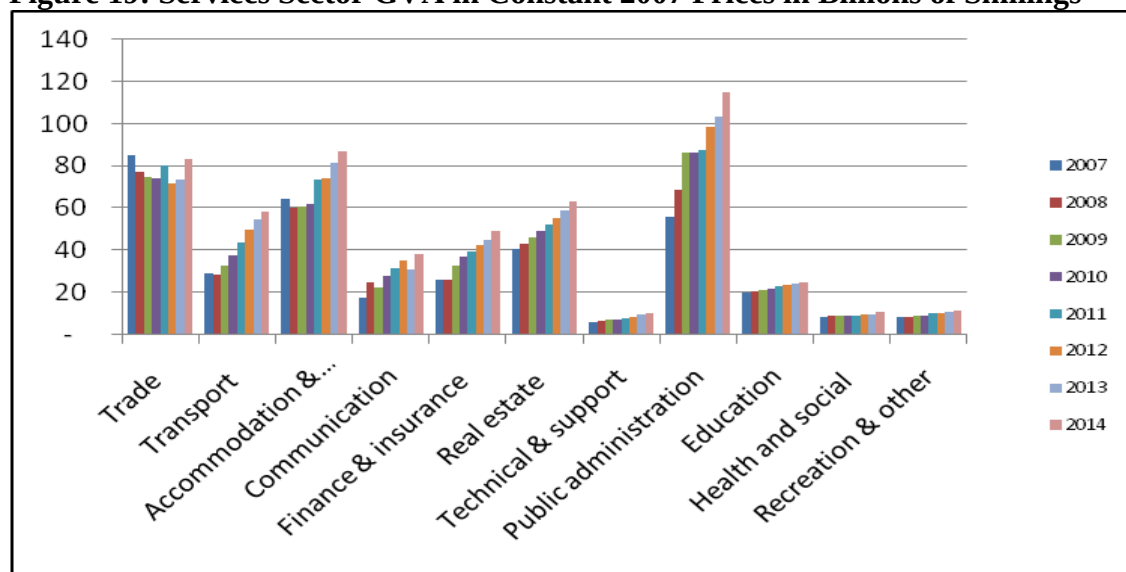
Figure 17: Water Supply, Sewerage and Waste Management GVA

The GVA for Water supply, sewerage and waste management increased by 4.8 percent in 2014 compared to an increase of 6.0 percent in 2013 in real terms. The main contributor to the change was the increase in water supplied to businesses, up 6.8 percent. In current prices, the GVA increased by 52.7 percent in 2014 compared to an increase of 78.4 percent in 2013, with implicit price deflator increasing 45.7 percent compared to 68.3 percent the previous year due to the significant increases in water charges.

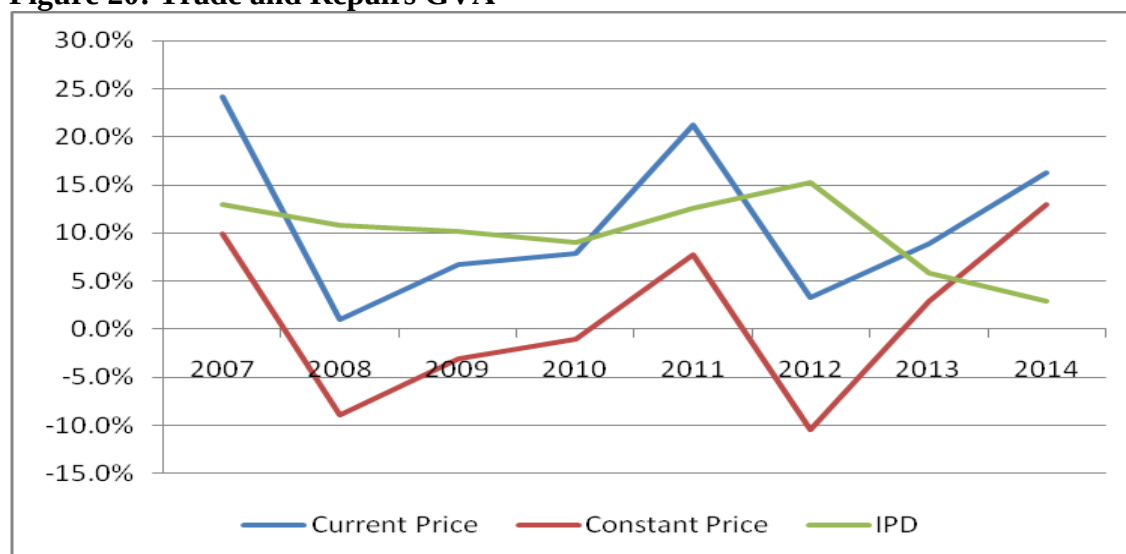
Figure 18: Construction GVA

Construction GVA increased by 3.0 percent in 2014 compared to an increase of 1.9 percent in 2013 in real terms. In current prices, the GVA increased by 6.4 percent in 2014 compared to an increase of 13.5 percent in 2013, with implicit price deflator increasing 3.3 percent compared to 11.4 percent the previous year.

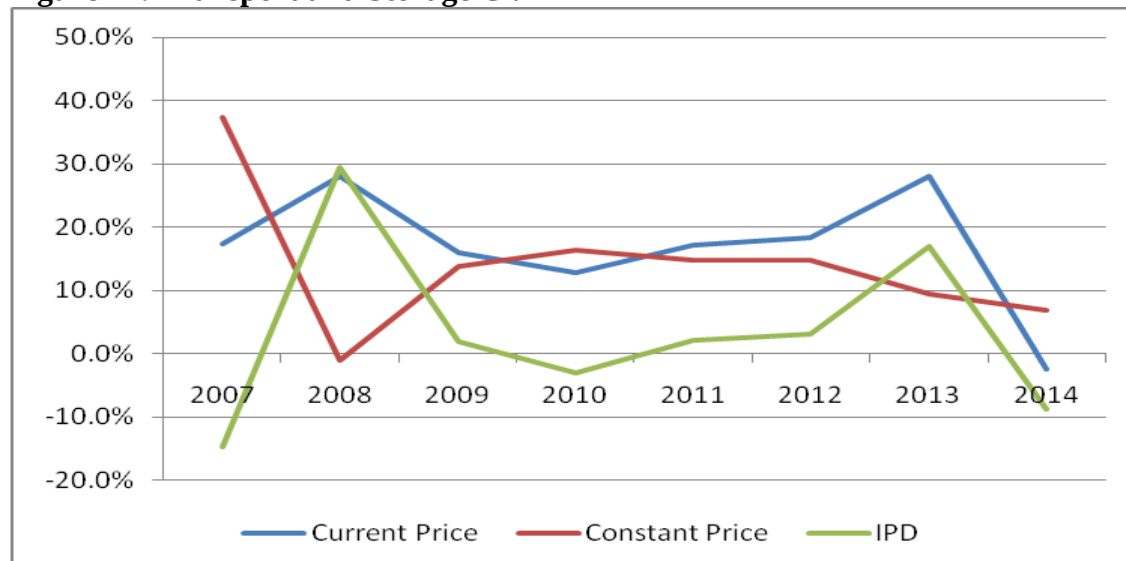
Services Sector

Figure 19: Services Sector GVA in Constant 2007 Prices in Billions of Shillings

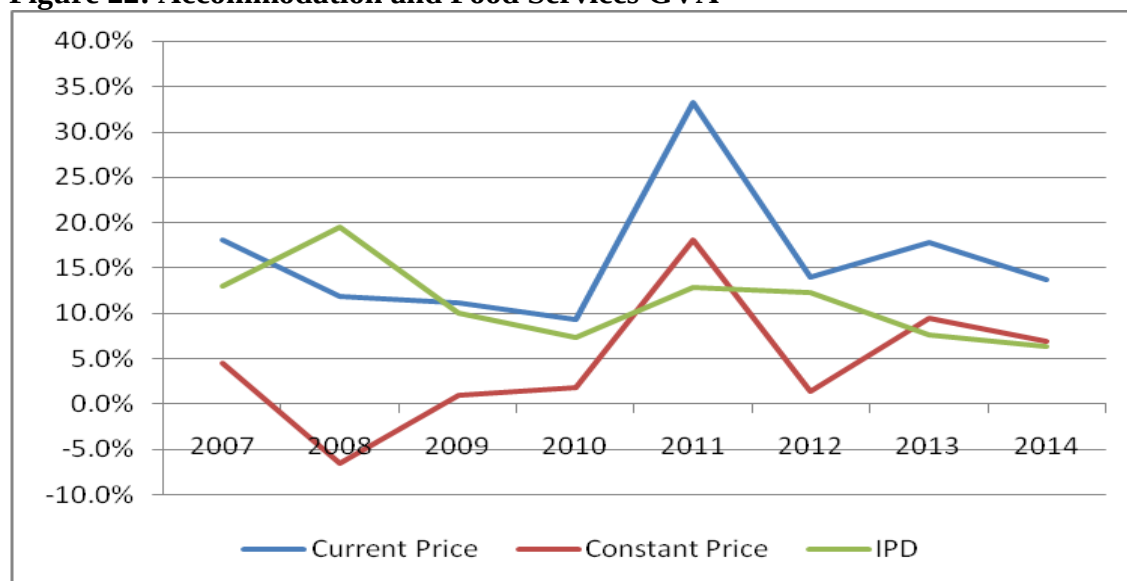
The Services Sector GVA in 2014 increased by 9.8 percent in constant 2007 prices, compared to an increase of 4.6 percent in the previous year. Based on the contribution to Services Sector GVA in constant 2007 prices in 2014, the most important service industries are Public administration (20.8 percent); Accommodation and food services (15.8 percent); Trade and repairs (15.1 percent); and Real estate (11.5 percent).

Figure 20: Trade and Repairs GVA

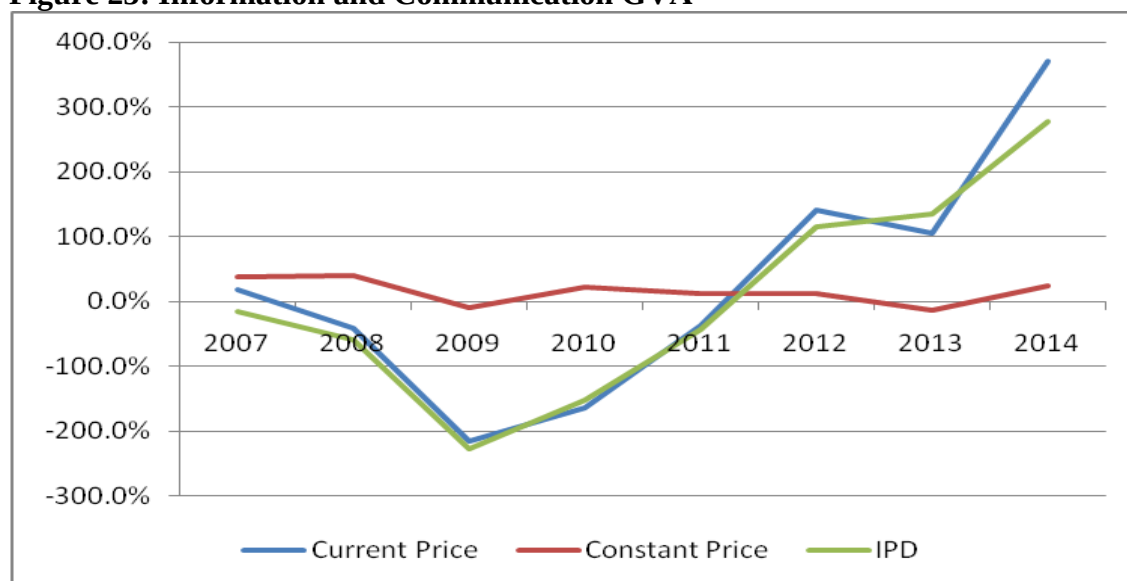
Trade and repairs GVA increased by 13.0 percent in 2014 compared to an increase of 2.9 percent in 2013 in real terms. The main contributors to this growth were increases of 3.4 percent in informal sector trade; 3.1 percent in sales and repairs of motor vehicles; and 29.7 percent in formal sector trade. In current prices, the GVA increased by 16.2 percent in 2014 and 8.9 percent in 2013, with the implicit price deflator increasing 2.9 percent compared to 5.8 percent in the previous year.

Figure 21: Transport and Storage GVA

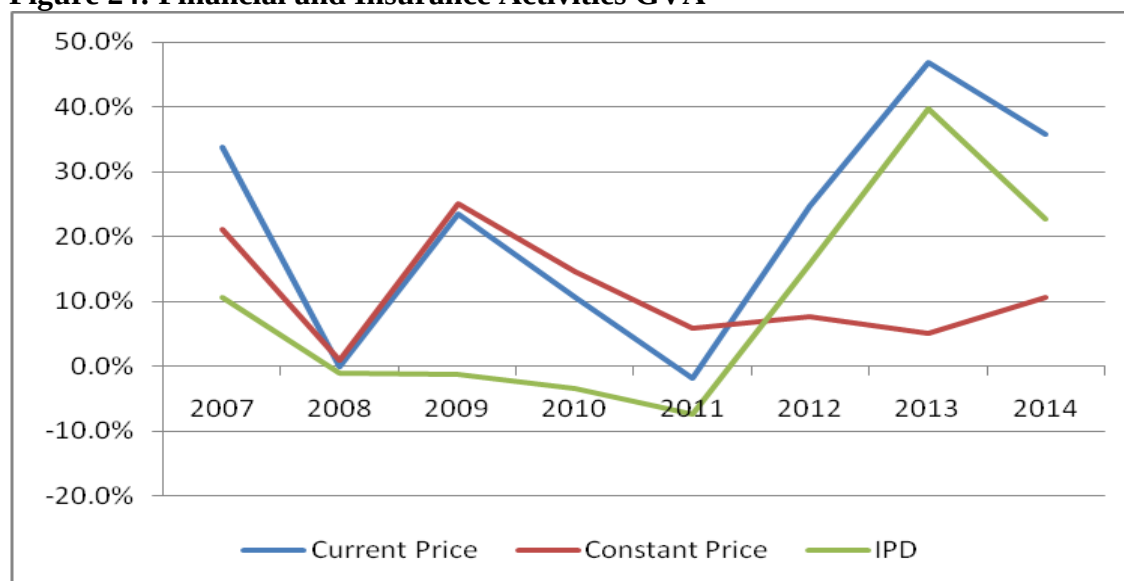
The GVA for Transport and storage increased 7.0 percent in 2014 compared to an increase of 9.4 percent in 2013 in real terms. The main were increases of 9.5 percent in passenger land transport; 56.9 percent in air and port support services; and decreased 0.8 percent in water transport. Land freight transport, air transport and storage also increased, while post and courier services decreased. In current prices, the GVA decreased 2.5 percent in 2014 compare to an increase 28.0 percent in 2013, with the implicit price deflator decreasing 8.8 percent compared to an increase 17.0 percent in the previous year.

Figure 22: Accommodation and Food Services GVA

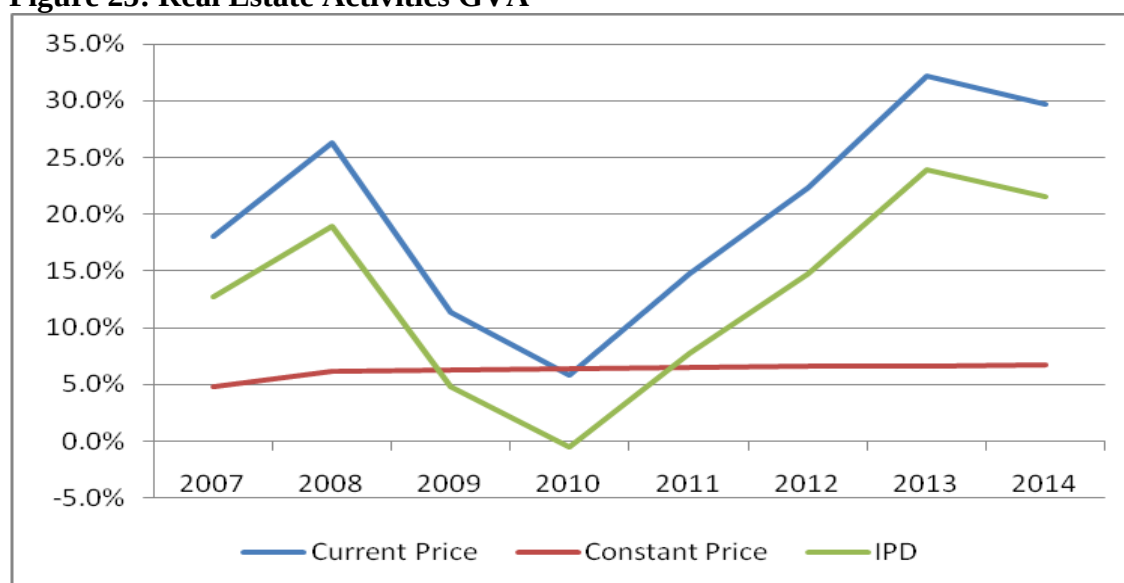
The GVA for Accommodation and food services increased 6.9 percent in 2014 compared to an increase of 9.5 percent in 2013 in real terms, reflecting the 6.1 percent increase in tourist arrivals as well as increased business activity. In current prices, the GVA increased by 13.6 percent in 2014 compared to an increase of 17.9 percent in 2013, with the implicit price deflator increasing 6.3 percent compared to 7.6 percent in the previous year.

Figure 23: Information and Communication GVA

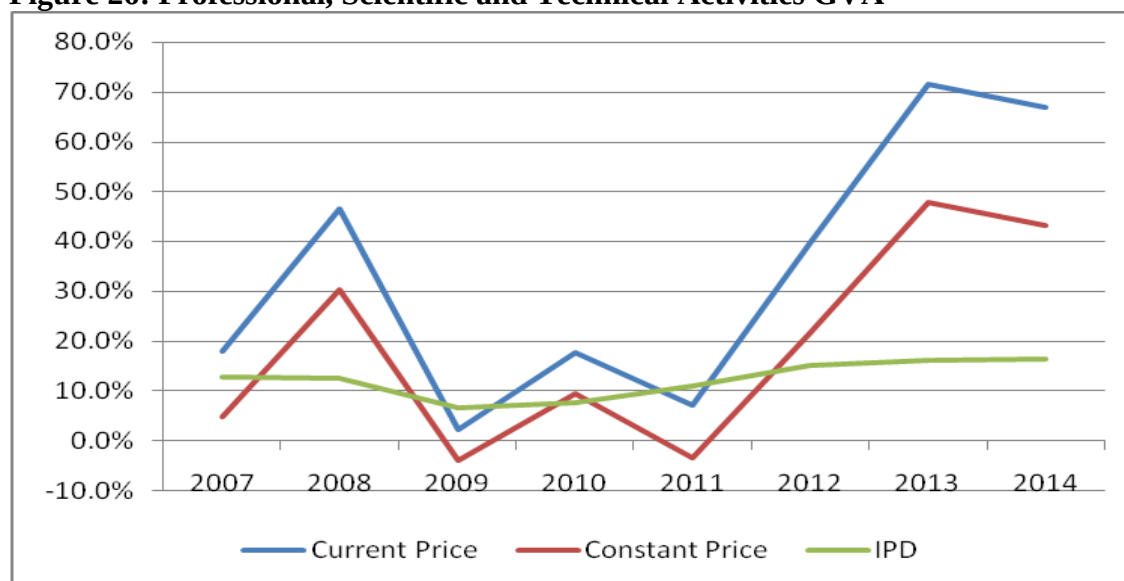
The GVA for Information and communication increased 24.5 percent in 2014 compared to a decrease of 13.3 percent in 2013. In current prices, the GVA increased by 369.6 percent in 2014 compared to an increase of 104.3 percent in 2013, due to significant increases in the implicit price deflator 277.3 percent in 2014 and 135.7 percent in the previous year.

Figure 24: Financial and Insurance Activities GVA

The GVA for Financial and insurance activities increased 10.6 percent in 2014 compared to an increase of 5.1 percent in 2013. The growth in 2014 reflects a volume increase of 11.7 percent in financial services, and the stock of deposits and loans; and an increase of 5.9 percent in insurance services. In current prices, the increased by 35.7 percent in 2014 compared to an increase of 46.9 percent in 2013, due to significant increases in the implicit price deflator 22.7 percent in 2014 and 39.8 percent in the previous year caused by substantial increases in financial charges.

Figure 25: Real Estate Activities GVA

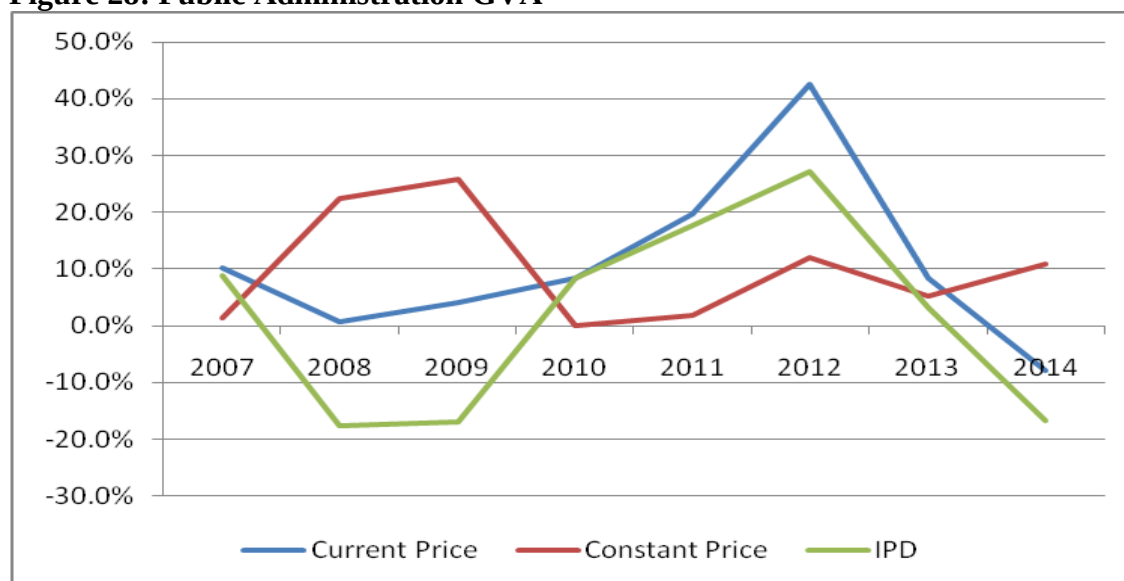
The Real estate GVA increased 6.8 percent in 2014 compared to an increase of 6.7 percent in 2013. The current price GVA increased by 29.7 percent in 2014 compared to an increase of 32.2 percent in 2013, due to significant increases in the implicit price deflator 21.5 percent and 23.9 percent in 2014 and 2013 respectively; reflecting substantial increases in dwelling rents.

Figure 26: Professional, Scientific and Technical Activities GVA

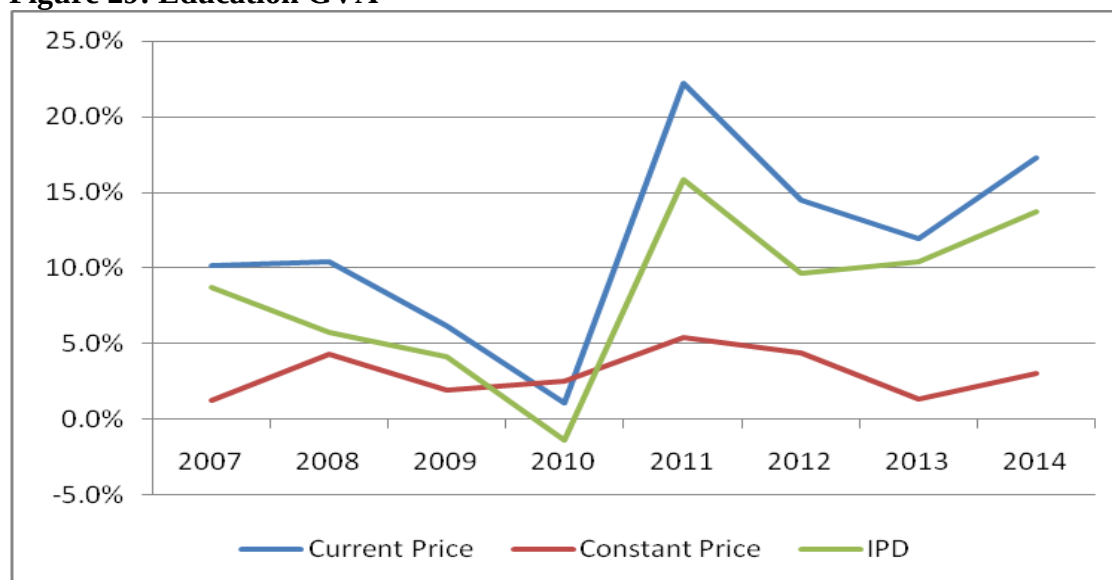
The GVA for Professional, scientific and technical activities increased 43.4 percent in 2014 compared to an increase of 47.9 percent in 2013, reflecting the volatility in this small industry. In current prices, the GVA increased by 66.9 percent in 2014 compared to an increase of 71.6 percent in 2013, due mainly to significant increases in the implicit price deflator 16.4 percent and 16.0 percent in 2014 and 2013 respectively.

Figure 27: Administrative and Support Services GVA

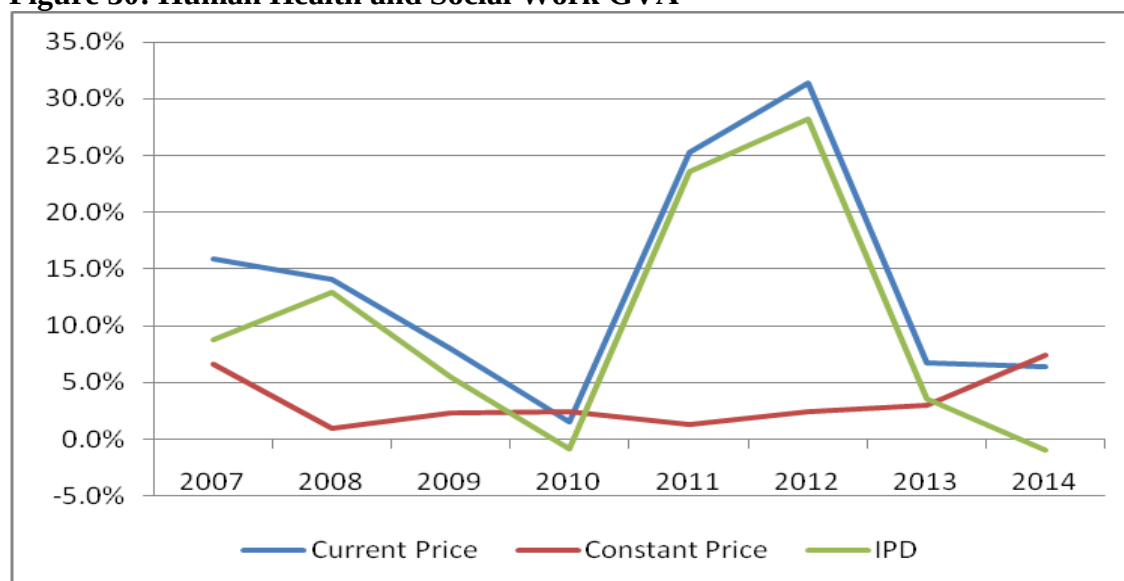
The GVA for Administrative and support services slight increased 0.9 percent in 2014 compared to an increase of 6.2 percent in 2013, mainly reflecting an increase of 6.1 percent in 2014 in travel agencies and tour operator activities. Other administrative and support services decreased 13.7 percent. In current prices, the GVA only decreased by 1.6 percent in 2014 compared to an increase of 6.4 percent in 2013, due to the decrease in the implicit price deflator of 2.5 percent in 2014 compared to 0.1 percent in the previous year.

Figure 28: Public Administration GVA

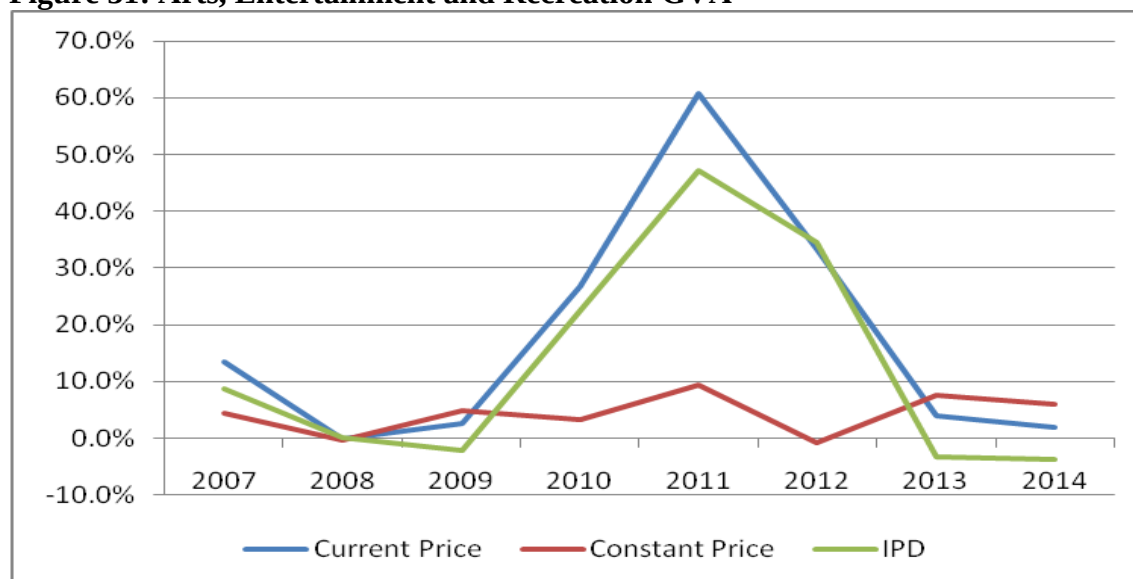
The GVA for Public administration increased 10.8 percent in 2014 compared to an increase of 5.2 percent in 2013. In current prices, the GVA decreased by 7.9 percent in 2014 compared to a significant increase of 8.4 percent in 2013, due to a decrease in the implicit price deflator of 16.9 percent in 2014 compared to the substantial increase of 3.2 percent in the previous year as a result of the public service salary increases.

Figure 29: Education GVA

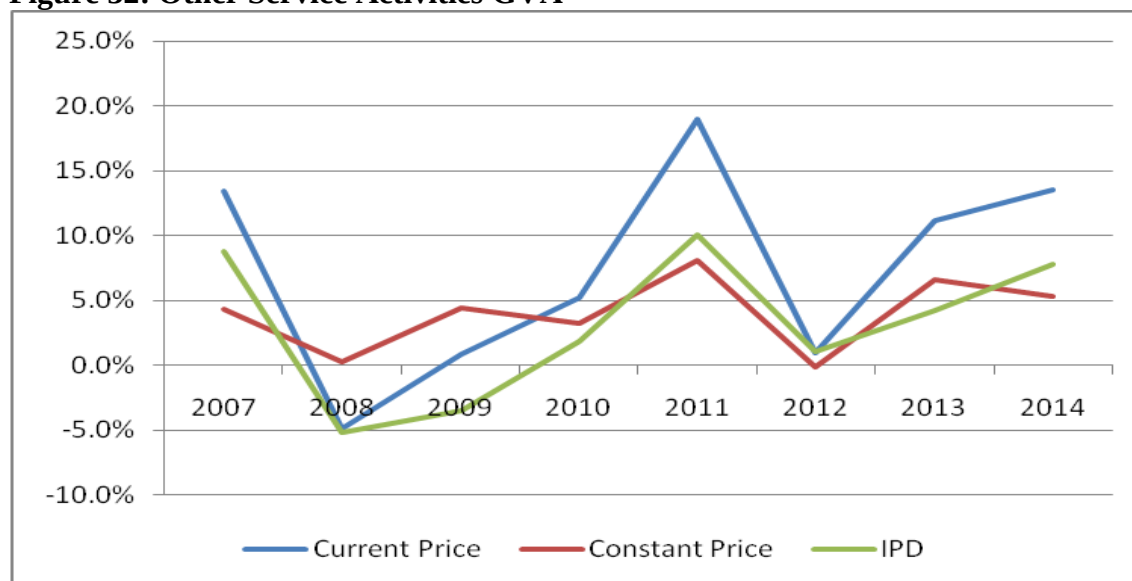
Education GVA increased a modest 3.1 percent in 2014 compared to an increase of 1.4 percent in 2013 due mainly to a decrease in secondary school enrolments. In current prices, the GVA increased by 17.2 percent in 2014 compared to an increase of 11.9 percent in 2013, due to increase in the implicit price deflator of 13.7 percent in 2014 and 10.4 percent in the previous year; mainly due to public service salary increases.

Figure 30: Human Health and Social Work GVA

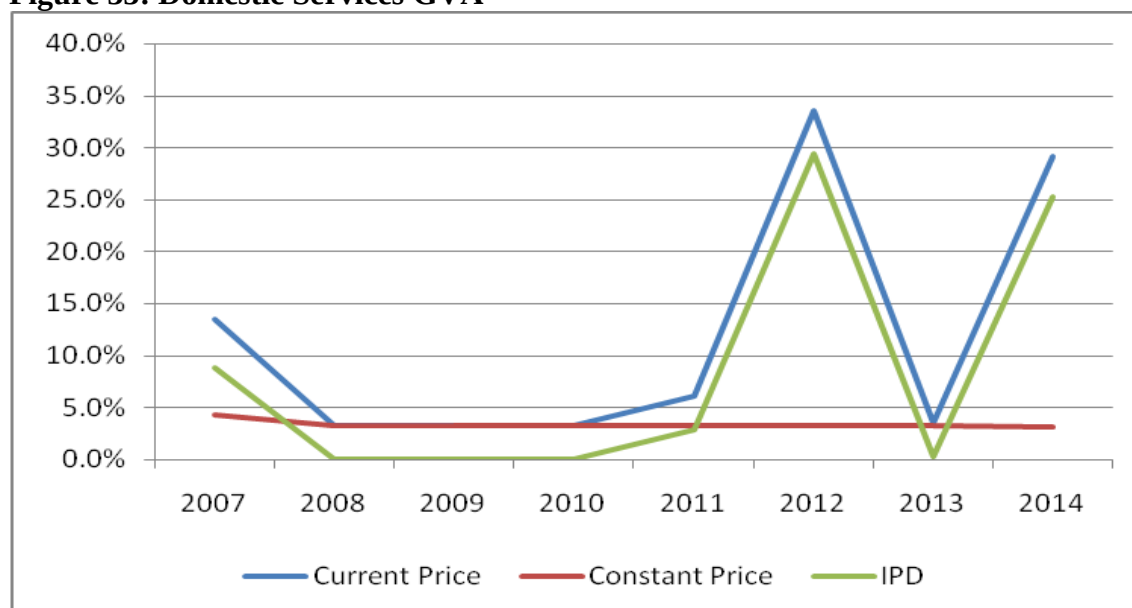
The GVA for Human health and social work increased 7.4 percent in 2014 compared to an increase of 3.0 percent in 2013. In current prices, the GVA increased by 6.4 percent in 2014 compared to a significant increase of 6.7 percent in 2013, due to a decrease in the implicit price deflator of 0.9 percent in 2014 compared to the substantial increase of 3.6 percent in the previous year as a result of the public service salary increases.

Figure 31: Arts, Entertainment and Recreation GVA

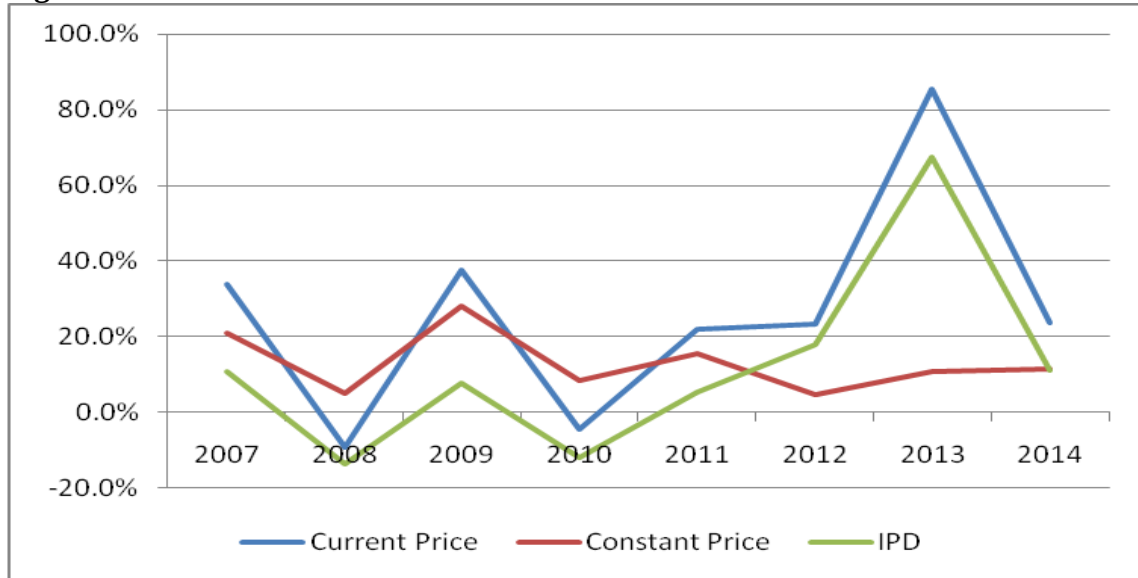
The GVA for Arts, entertainment and recreation increased 5.9 percent in 2014 compared to an increase of 7.5 percent in 2013, mainly reflecting an increase of 6.1 percent in 2014 in tourist arrivals. In current prices, the GVA increased by 2.0 percent in 2014 compared to a significant increase of 4.0 percent in 2013, due to a decrease in the implicit price deflator of 3.7 percent in 2014 compared to the substantial decrease of 3.2 percent in the previous year as a result of the increased prices of recreational and sporting activities.

Figure 32: Other Service Activities GVA

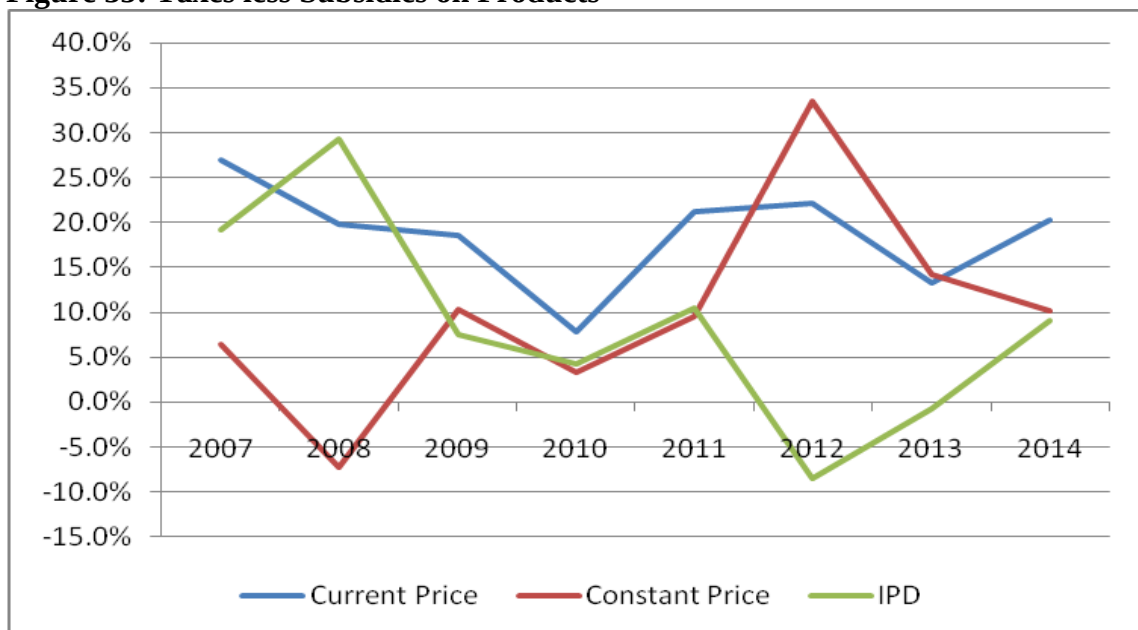
The GVA for Other service activities increased 5.3 percent in 2014 compared to an increase of 6.6 percent in 2013, mainly reflecting an increase of 6.1 percent in 2014 in tourist arrivals. In current prices, the GVA increased by 13.5 percent in 2014 compared to an increase of 11.1 percent in 2013, reflecting volume changes and an increase in the implicit price deflator of 7.8 percent in 2014 as a result of the input prices increasing higher than output prices compared to an increase of 4.2 percent in the previous year.

Figure 33: Domestic Services GVA

The GVA for Domestic services increased 3.1 percent in 2014 compared to an increase of 3.2 percent in 2013. In current prices, the GVA increased by 29.2 percent in 2014 compared to an increase of 3.5 percent in 2013, reflecting an increase in the implicit price deflator of 25.2 percent in 2014 compared to a small increase of 0.3 percent in the previous year due to substantial pay increases for domestic staff.

Figure 34: Unallocated FISIM

Unallocated FISIM increased 11.4 percent in 2014 compared to an increase of 10.8 percent in 2013. The growth in 2014 reflects a volume increase of 35.1 percent in the stock of deposits and loans. In current prices, the unallocated FISIM increased by 23.8 percent in 2014 compared to an increase of 85.5 percent in 2013, due to significant increases in the implicit price deflator 11.1 percent in 2014 and 67.5 percent in the previous year caused by substantial increases in financial charges.

Figure 35: Taxes less Subsidies on Products

Taxes less subsidies on products increased 10.2 percent in 2014 compared to an increase of 14.1 percent in 2013. In Current prices, Taxes less subsidies on products increased by 20.2 percent in 2014 compared to an increase of 13.3 percent in 2013, with the implicit price deflator increasing 9.1 percent in 2014 and decreasing 0.7 percent in the previous year.

Revisions

Table 2: Revisions to GDP at Current Prices in Billions of Shillings

Economic Activity	2007	2008	2009	2010	2011	2012
GDP at market prices						
Agriculture, forestry and fishing	20	-8	-5	-1	53	58
Crops	-1	-29	-28	-30	11	-3
Livestock	-2	-7	-7	-7	-5	2
Forestry	19	22	25	28	35	43
Fishing	5	6	5	9	12	16
Mining and quarrying	4	5	6	7	8	12
Manufacturing	36	43	42	37	39	64
Electricity, gas and water supply	-5	-6	-4	-5	-8	-9
Construction	1	11	15	24	47	62
Trade and repairs	29	21	19	15	4	-4
Transport and communication	6	-12	-67	-29	-49	-51
Accommodation and food services	19	17	17	19	30	46
Financial and insurance activities	15	12	17	16	11	17
Real estate activities	36	45	50	52	60	75
Business services	6	8	9	10	13	15
Public administration	-3	-16	-21	-22	-29	-23
Education	-11	-12	-12	-14	-26	-42
Human health and social work	0	-1	-1	-1	-1	-1
Other services	7	6	6	7	9	10
<i>Less FISIM</i>	-6	-6	-8	-8	-9	-11
GDP at basic prices	153	108	62	107	151	219
<i>Taxes on products</i>	-5	-4	-2	-3	-5	-8
GDP at purchaser prices	147	103	61	104	146	211

A number of revisions have been made to the national accounts series back to 2007, as a result of the rebasing of GDP from the 2001 base year to the new 2007 base year. The revisions to the previous estimates have resulted in the overall level of GDP at current prices increasing by an average of Tshs 129 billion a year, with revised levels increasing by Tshs 148 billion in 2007, down to Tshs 61 billion in 2009 and up again to Tshs 211 billion in 2012.

The compilation of supply and use tables (SUT) in developing the 2007 base year estimates significantly improved the coverage of economic activities in the economy, especially for the informal sector and non-profit institutions serving households. The use of better quality data from the latest benchmark surveys also helped to improve base year input-output (I/O) ratios, ex-farm and ex-factory prices, monetary/non-monetary ratios, and other variables.

In addition, the compilation methodology for producing annual estimates has been significantly improved by implementing a number of recommendations of the System of National Accounts 1993 and 2008.

The changes include implementing the work-in-progress (WIP) methodology for agriculture and construction; compiling estimates at a more detailed level; compiling separate output and intermediate consumption (IC) estimates; and reducing the use of

fixed I/O ratios. The revised methodology also makes use of more representative value and volume indicators; and prices data.

Reasons for the revisions to *Crops* and *Livestock* include use of the latest agriculture surveys and census data resulting in improved coverage of crop types and livestock products; and using the WIP model and compiling at a more detailed level. A coverage adjustment for animal fodder and minor crops has been added. The birth rate for cattle and farm slaughter rates for cattle and goats were adjusted down in order to better align with the household meat consumption volumes. Seaweed production has been moved from Crops to Fishing.

Revisions to *Forestry* and *Fishing* are due to the 2007 benchmark estimates being compiled using the SUT and 2009/10 Household Budget Survey (HBS) consumption data, resulting in significantly improved the coverage of these activities. The previous estimates based on the 1991 HBS benchmark significantly underestimated consumption of charcoal and firewood. For Fishing, the 2012 Fishing Survey data was used to revise the I/O ratio down from the 15 percent estimate used for the 2001 to 6 percent. As a result, the revised GVA estimates are higher than the published estimates.

Use of 2008 Census of Industrial Production (CIP) output and the 2006 Integrated Labour Force Survey (ILFS) employment data adjusted to 2007 in the SUT resulted in improved benchmark 2007 estimates for *Mining and quarrying* and *Manufacturing*; and the resulting revisions. In addition, the coverage for Manufacturing was improved by adding production of processed fish and meat products, previously underestimated and included under Livestock and Fishing.

For *Electricity supply*, annual financial statements from the electricity distributor have been used to derive the revised annual estimates. The cost approach is used to calculate GVA, as the Government compensates the electricity distributor for losses on a regular basis. Volume extrapolation using kilowatt-hours is used to derive the constant price estimates. The I/O ratio has also increased from 76 percent to 90 percent, resulting in lower GVA for the industry.

For *Water supply*, the downward revisions are due to updated information from the 2009/10 HBS on household water consumption and the annual estimates being compiled using the latest inter-HBS consumption trends.

The revisions to *Construction* GVA are due to the use of the 2008 CIP and the 2006 ILFS employment data adjusted to 2007 in the SUT; and the use of the improved WIP model that uses the commodity flow approach in measuring construction inputs and overall activity levels.

The use of more contemporary survey data and the SUT product commodity-flow approach resulted in the upward revision to *Trade and repairs* GVA for 2007. The revisions in other years are due to an improved methodology to compile annual estimates based on VAT turnover data for the formal sector, and movements in informal sector agriculture, forestry, fishing, quarrying and manufacturing, as well as informal imports.

The use of improved source data, including annual financial statements; the SUT product commodity-flow approach in deriving benchmarks; and improvements in the annual compilation methodology contributed to revisions for *Transport and storage* and *Information and communication* activities.

The revision to *Accommodation and food services* are due to improved source data; a coverage adjustment for small informal food caterers; and an improved compilation methodology that uses of VAT and levy data with tourist arrivals and urban population growth rates.

The revisions for *Financial and insurance activities* are due to a significant improvement in the compilation methodology. Detailed annual financial accounts data from corporations are used to compile the revised estimates for banks and insurance companies, with external trade in goods and services used to derive estimates for foreign exchange dealers. The compilation methodology uses the average weighted interest rate for loans and deposits as the reference rate to derive financial intermediation services indirectly measured (FISIM). Deflated loans and deposits are used to extrapolate the benchmark estimates to derive the constant price estimates.

Improved source data and compilation techniques contributed to the significant upward revisions to *Real estate* estimates. The 2007 benchmark estimates are based on 2009/10 HBS data, price and volume adjusted to 2007. The estimates for other real estate activities are based on the CIP data on rental of buildings for mining and manufacturing rated up for other industries. The I/O ratio was derived from VAT turnover and purchases data. The benchmark estimates are extrapolated using the latest inter-HBS dwelling growth rates.

The use of better quality data from the latest benchmark surveys, VAT and levy turnover data; benchmark estimates compiled using the SUT; and improved compilation techniques have all contributed to significantly improved coverage and upward revisions to the GVA for *Business services* activities.

The revisions to *Public administration; Education; Human health and social work; Other services; and Taxes less subsidies on products* are due to improved benchmark surveys (including for non-profit institutions) and ongoing data collection; as well as significant improvements to the compilation techniques.

PART II - TECHNICAL NOTES

Introduction

This publication is the first of a new Annual National Accounts Bulletin and covers the years 1991 to 2013. The updating of the national accounts time series is done side by side with improvement of the coverage, compilation techniques and source data, while trying to maintain the consistency of the whole series.

Coverage

The improvement in the coverage of the national accounts for Zanzibar has been an ongoing process over the last decade, subject to the availability of appropriate data sources and the ability of compilers to develop suitable methods to incorporate the new source data into the estimates. The significant improvement in the benchmark censuses and surveys and the compilation of the SUT in developing the 2007 base year estimates has significantly improved the coverage of economic activities in the economy, especially for the informal sector and non-profit institutions serving households.

Data Sources

The main data sources that have been used are the 2012 Census of Population and Housing (2012 Census); 2004/05 and 2009/10 Household Budget Survey (HBS); 2002/03 and 2007/08 Agriculture Surveys (AGS); 2008 Census of Industrial Production (CIP); 2006 Integrated Labor Force Survey (ILFS); 2010 Construction, Trade and Transport Studies; and 2012 Fishing Survey. Use is also made of administrative data from various Government agencies, including the Bank of Tanzania (BOT), Ministry of Finance (MOF), Ministry of Agriculture and Natural Resources, Ministry of Livestock and Fisheries, Tanzania Revenue Authority (TRA), the Zanzibar Revenue Board (ZRB) and the Zanzibar Social Security Fund (ZSSF).

The most reliable dataset is the 2012 Census, and the population and household formation numbers and growth rates are used from this source. Based on the larger sample sizes, level of editing and output data quality assurance, the next most reliable sources are the 2004/05 and 2009/10 HBS and 2006 ILFS. TRA external trade data and ZRB mainland trade data are reasonable for most goods but there is an under-coverage problem for various imports, including imports of pulses, groundnuts, and other vegetables; charcoal; rice, wheat flour and other grain mill products; textiles, clothing and footwear; personal care and other manufactured products due to residents purchasing goods while visiting the Mainland. There is also under-coverage of exports, as data on exports to the Mainland are not recorded. The quality of the data from the AGS, CIP and other surveys mentioned above is reasonable but the data needed to be rated up using administrative volume/value data or ILFS employment, or estimated using the commodity flow approach.

Compilation Methods

An integrated annual and quarterly GDP compilation system has been developed, using XLPBM benchmarking software where appropriate to derive quarterly estimates from annual benchmark data. The WIP methodology has been used for Crops, Livestock

and Construction estimation. With the exception of a handful of industries, the annual estimates for most economic activities are based on the sum of the quarterly estimates, as the value/volume indicators and price indices used are the same for both. The worksheets are consistent with the *International Standard Industry Classification, Rev.4 (ISIC Rev.4)* and as at detailed activity level as possible (i.e., that can be supported by the source data).

The *Crops, Livestock and Forestry* estimates are compiled by extrapolating the AGS benchmark data using annual data provided by the Departments of Agriculture, Livestock and Forestry. The most representative consumer price indices (CPI) for crops and animals are used extrapolate the farm gate prices used to reflate the constant price estimates to derive the current price estimates.

For *Fishing*, the benchmark production estimates are extrapolated using Department of Fisheries data. Quarterly and annual estimates for seaweed production have been added. XLPBM has been used to reconcile the quarterly aggregate value and volume data for fish catch with the more detailed annual estimates.

The *Mining and quarrying* quarterly estimates are compiled using quarterly quantities data based on permits and relevant prices data. The annual estimates are based on the sum of the quarterly estimates.

For *Manufacturing*, the estimates for processed meat and fish are based on marketed output of livestock and fish catch; while inter-HBS consumption growth rates, cement imports, tourist arrivals and sales data are used for other manufactured goods. The annual estimates are based on the sum of the quarterly estimates.

For *Electricity*, current price estimates are compiled using annual financial statements and using the cost approach as the Government compensates the electricity distributor for losses on a regular basis. Volume extrapolation using kilowatt-hours is used to derive the constant price estimates, where the annual estimates are the sum of quarterly estimates.

The *Water supply and sewerage* benchmark estimates are extrapolated using accommodation and manufacturing industries output and inter-HBS consumption trends. The total annual estimates are based on the sum of the quarterly estimates.

The *Construction* industry estimates are compiled using the WIP model and the commodity flow approach on the domestic use of construction materials. The total annual WIP production estimates are based on the sum of the quarterly WIP production estimates.

The annual production estimates for *Trade and repairs* are based on the sum of the quarterly production estimates. The latter are derived using VAT turnover data for the formal sector, and movements in the quarterly informal sector market GO for agriculture, forestry, fishing, quarrying and manufacturing and informal imports.

For *Transport and storage*, motor vehicle registration data are used to extrapolate the benchmark estimates to derive quarterly estimates for land transport, while passenger numbers and cargo volumes are used for water transport, transport support services and warehousing. For postal and courier services the benchmark estimates are extrapolated using VAT turnover data. The annual estimates are based on the sum of the quarterly estimates. Financial statements are used to compile annual current price estimates for resident airlines. The quarterly constant price estimates are based on passenger numbers and flight movements, reflatd to current prices using relevant CPI indices for airfares and services and benchmarked to the annual estimates. The annual constant price estimates are based on the sum of the quarterly estimates.

The current price estimates for *Accommodation and food services* are compiled by extrapolating the benchmark estimates using volume indicators of tourist arrivals and urban population growth reflatd to current prices; and the VAT and levy turnover data. The latter data are deflated and used along with the former volume indicators to derive the constant price estimates. The annual estimates are based on the sum of the quarterly estimates.

For *Information and communication*, the telecommunications current price estimates are based on annual financial statements, with the production estimates for other information services derived using VAT turnover data. Quarterly constant price estimates are compiled by extrapolating the benchmark estimates using a volume indicator based on deflated turnover using the CPI for airtime. The annual constant price estimates are based on the sum of the quarterly estimates.

The annual current price estimates for *Finance and insurance activities* are based on financial statements for banks and insurance companies, using the average weighted interest rate for loans and deposits as the reference rate to derive financial intermediation services indirectly measured (FISIM). Deflated loans and deposits are used to extrapolate the benchmark estimates to derive the constant price estimates. The annual constant price estimates are based on the sum of the quarterly estimates. For foreign exchange dealers, the current price estimates are derived by extrapolating the benchmark estimates using net imports and a value indicator based on CPI services and tourist arrivals. The constant price estimates are derived using deflated net imports and tourist arrivals as volume indicators.

For *Real estate activities*, the quarterly constant price estimates are derived by extrapolating the benchmark estimates using inter-HBS dwelling growth rates, with CPI rents and CPI maintenance and repairs used to derive the value indicators used to derive the current price estimates. The annual estimates are based on the sum of the quarterly estimates.

For *Professional, scientific and technical activities*, the quarterly constant price estimates are derived by extrapolating the benchmark estimates using ZSSF employment data. The current price estimates are derived by reflatd the constant price estimates using the CPI for services. The annual estimates are based on the sum of the quarterly

estimates. For *Administrative and support services*, the quarterly estimates are compiled by extrapolating the benchmark estimates using the VAT and levy turnover data, with tourist arrivals data used as a volume indicator to derive the constant price estimates for travel agents and tour operators and VAT turnover data deflated and used as a volume indicator to derive the constant price estimates for other services. The annual estimates are based on the sum of the quarterly estimates.

The annual estimates for *Public administration* are based on Government finance data, with quarterly estimates compiled using Government salaries and employment numbers benchmarked to the annual estimates.

For *Education*, the constant price estimates are derived using private and public school student enrolments by level of education to extrapolate the benchmark estimates. The current price estimates are derived by reflatting the constant price estimates using CPI school fees by level of education for private and public institutions.

The *Human health and social work* estimates for public sector are derived by extrapolating the benchmark estimates using employment numbers and earnings data, with inter-HBS consumption expenditure growth rates used for private health. The current price estimates are derived from the constant price estimates using CPI for health and services. The annual estimates are the sum of the quarterly estimates.

For *Arts, entertainment and recreation*, the quarterly constant price estimates are derived by extrapolating the benchmark estimates using tourist arrivals (93 percent) and general population (7 percent) growth rates. The constant price estimates are reflat using CPI recreation for output and CPI services for intermediate consumption to derive the current price estimates. The annual estimates are the sum of the quarterly estimates.

The constant price estimates for *Other services* are derived by extrapolating the benchmark estimates using tourist arrivals (76 percent) and general population (24 percent) growth rates. These estimates are reflat using the CPI for miscellaneous services for output and CPI services for intermediate consumption to derive the current price estimates. The annual estimates are the sum of the quarterly estimates. For *Domestic services*, the quarterly constant price estimates are derived by extrapolating the benchmark estimates using household formation growth rates. These estimates are reflat using CPI for domestic services to derive the current price estimates. The annual estimates are the sum of the quarterly estimates.

FISIM estimates are derived using interest receivable/payable and deposits and loans have been allocated between households and other unallocated. The other unallocated component is used to adjust total GVA in deriving the GDP estimates. For *Taxes less subsidies on products*, the current price estimates are based on Government finance data. The constant price estimates are derived using the volume movement of relevant outputs and imports by type of tax.

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Table 1: Summary

	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices								
At current prices (Billion shillings)	735	851	939	1,051	1,344	1,565	1,850	2,134
At constant 2007 prices (Billion shillings)	735	766	813	848	927	973	1,043	1,115
Quantity index (2007=100)	100	104	111	115	126	132	142	152
Constant price growth rates (%)	6.5%	4.2%	6.2%	4.3%	9.3%	4.9%	7.2%	7.0%
Implicit price deflators (2007=100)	100	111	115	124	145	161	177	191
GDP per capita at current prices								
GDP per capita (Tshs '000)	652	734	787	856	1,065	1,205	1,384	1,548
GDP per capita (US \$)	523	613	602	613	683	767	866	936
GDP per capita at constant 2007 prices								
GDP per capita (Tshs '000)	652	660	682	691	735	749	780	809
GDP per capita (US \$)	523	529	547	554	589	601	626	649
Memorandum items								
Population ('000)	1,127	1,160	1,193	1,227	1,263	1,299	1,336	1,379
Exchange rate Tshs per US \$	1,247	1,197	1,307	1,396	1,557	1,572	1,599	1,653

Source: Office of the Chief Government Statistician

Note: p = provisional

Table 2.1: GDP by Economic Activity: at Current Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	181.3	221.4	266.3	306.2	438.9	466.4	562.1	595.2
Crops	AA	99.3	130.4	155.2	170.6	262.4	253.5	333.6	340.3
Livestock	AB	23.5	27.6	32.5	37.3	44.7	53.5	56.8	59.9
Forestry	AC	21.1	24.1	27.4	30.9	39.1	47.3	51.9	59.3
Fishing	AD	37.4	39.3	51.2	67.3	92.8	112.0	119.7	135.7
Mining and quarrying	B	8.4	11.7	14.6	16.3	20.8	26.5	28.3	32.1
Manufacturing	C	62.5	75.1	77.8	76.4	85.4	110.6	128.9	136.0
Electricity and gas	D	2.4	2.7	3.8	3.8	4.9	5.8	6.6	6.8
Water supply and sewerage	E	3.3	3.9	4.0	4.1	4.9	6.0	10.7	16.4
Construction	F	47.0	65.5	73.1	81.5	113.9	139.2	158.0	168.1
Trade and repairs	G	85.1	85.9	91.7	98.9	119.9	123.7	134.8	156.6
Transport and storage	H	29.0	37.2	43.1	48.7	57.1	67.6	86.5	84.3
Accommodation and food services	I	64.6	72.3	80.3	87.8	117.0	133.4	157.3	178.7
Accommodation	IA	52.6	57.9	62.4	70.5	87.9	93.8	104.4	124.4
Food and beverage services	IB	12.1	14.4	18.0	17.3	29.1	39.6	52.9	54.4
Information and communication	J	17.8	10.5	12.1	7.8	5.0	12.0	24.4	114.8
Financial and insurance activities	K	25.9	25.9	32.0	35.4	34.8	43.3	63.7	86.4
Real estate activities	L	40.8	51.5	57.4	60.8	69.7	85.3	112.8	146.3
Professional, scientific and technical	M	1.1	1.5	1.6	1.9	2.0	2.8	4.8	8.0
Administrative and support services	N	5.1	7.0	7.7	8.3	11.0	12.4	13.1	12.9
Public administration	O	56.3	56.6	59.0	63.9	76.5	109.1	118.2	109.0
Education	P	19.9	22.0	23.3	23.6	28.8	33.0	36.9	43.3
Human health and social work	Q	8.8	10.0	10.8	11.0	13.7	18.1	19.3	20.5
Arts, entertainment and recreation	R	2.7	2.7	2.8	3.6	5.8	7.7	8.0	8.2
Other service activities	S	4.9	4.6	4.7	4.9	5.9	5.9	6.6	7.5
Domestic services	T	1.0	1.1	1.1	1.1	1.2	1.6	1.7	2.1
<i>Less FISIM</i>	-	6.3	5.7	7.9	7.5	9.2	11.3	21.0	26.0
GDP at basic prices		661.5	763.3	835.2	938.5	1,208.1	1,399.0	1,661.6	1,907.2
<i>Taxes on products</i>		73.3	87.8	104.2	112.3	136.0	166.2	188.3	226.4
GDP at purchaser prices		734.8	851.2	939.4	1,050.8	1,344.1	1,565.2	1,849.9	2,133.5

Source: Office of the Chief Government Statistician

Table 2.2: GDP by Economic Activity: at Current Prices - Percentage Growth

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	9.1%	22.1%	20.3%	15.0%	43.4%	6.2%	20.5%	5.9%
Crops	AA	-3.8%	31.3%	19.1%	9.9%	53.8%	-3.4%	31.6%	2.0%
Livestock	AB	23.3%	17.1%	17.9%	14.9%	19.8%	19.8%	6.0%	5.5%
Forestry	AC	24.8%	14.5%	13.5%	12.7%	26.5%	21.1%	9.8%	14.2%
Fishing	AD	38.9%	5.1%	30.1%	31.5%	37.8%	20.7%	6.9%	13.3%
Mining and quarrying	B	23.4%	38.7%	25.1%	11.6%	27.2%	27.8%	6.7%	13.5%
Manufacturing	C	13.6%	20.1%	3.6%	-1.7%	11.8%	29.4%	16.6%	5.5%
Electricity and gas	D	11.6%	12.6%	41.8%	0.6%	28.9%	16.9%	14.4%	2.3%
Water supply and sewerage	E	11.6%	18.1%	3.7%	1.2%	19.8%	23.2%	78.4%	52.7%
Construction	F	20.1%	39.4%	11.7%	11.4%	39.8%	22.2%	13.5%	6.4%
Trade and repairs	G	24.2%	1.0%	6.8%	7.8%	21.2%	3.2%	8.9%	16.2%
Transport and storage	H	17.3%	28.1%	16.0%	12.9%	17.3%	18.4%	28.0%	-2.5%
Accommodation and food services	I	18.1%	11.9%	11.2%	9.3%	33.3%	14.0%	17.9%	13.6%
Accommodation	IA	18.1%	10.1%	7.7%	13.1%	24.6%	6.8%	11.3%	19.1%
Food and beverage services	IB	18.1%	19.4%	25.0%	-3.8%	68.5%	35.9%	33.5%	2.9%
Information and communication	J	17.3%	-41.0%	-215.4%	-164.6%	-36.5%	140.7%	104.3%	369.6%
Financial and insurance activities	K	33.9%	0.0%	23.6%	10.6%	-1.8%	24.7%	46.9%	35.7%
Real estate activities	L	18.1%	26.3%	11.4%	5.9%	14.8%	22.4%	32.2%	29.7%
Professional, scientific and technical	M	18.1%	46.7%	2.3%	17.8%	7.1%	39.6%	71.6%	66.9%
Administrative and support services	N	18.1%	37.2%	10.9%	8.0%	32.2%	12.1%	6.4%	-1.6%
Public administration	O	10.1%	0.7%	4.2%	8.3%	19.8%	42.5%	8.4%	-7.9%
Education	P	10.1%	10.4%	6.1%	1.1%	22.2%	14.5%	11.9%	17.2%
Human health and social work	Q	15.9%	14.1%	8.0%	1.5%	25.3%	31.4%	6.7%	6.4%
Arts, entertainment and recreation	R	13.4%	-0.1%	2.7%	26.8%	60.9%	33.5%	4.0%	2.0%
Other service activities	S	13.4%	-4.9%	0.8%	5.2%	18.9%	0.9%	11.1%	13.5%
Domestic services	T	13.4%	3.2%	3.2%	3.2%	6.1%	33.5%	3.5%	29.2%
<i>Less FISIM</i>		33.9%	-9.3%	37.7%	-4.6%	21.8%	23.4%	85.5%	23.8%
<i>GDP at basic prices</i>		14.0%	15.4%	9.4%	12.4%	28.7%	15.8%	18.8%	14.8%
<i>Taxes on products</i>		27.0%	19.9%	18.6%	7.8%	21.1%	22.1%	13.3%	20.2%
GDP at purchaser prices		15.2%	15.8%	10.4%	11.9%	27.9%	16.4%	18.2%	15.3%

Source: Office of the Chief Government Statistician

Table 2.3: GDP by Economic Activity: at Current Prices - Contribution to GDP

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	24.7%	26.0%	28.3%	29.1%	32.7%	29.8%	30.4%	27.9%
Crops	AA	13.5%	15.3%	16.5%	16.2%	19.5%	16.2%	18.0%	15.9%
Livestock	AB	3.2%	3.2%	3.5%	3.6%	3.3%	3.4%	3.1%	2.8%
Forestry	AC	2.9%	2.8%	2.9%	2.9%	2.9%	3.0%	2.8%	2.8%
Fishing	AD	5.1%	4.6%	5.4%	6.4%	6.9%	7.2%	6.5%	6.4%
Mining and quarrying	B	1.1%	1.4%	1.6%	1.6%	1.5%	1.7%	1.5%	1.5%
Manufacturing	C	8.5%	8.8%	8.3%	7.3%	6.4%	7.1%	7.0%	6.4%
Electricity and gas	D	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%
Water supply and sewerage	E	0.4%	0.5%	0.4%	0.4%	0.4%	0.4%	0.6%	0.8%
Construction	F	6.4%	7.7%	7.8%	7.8%	8.5%	8.9%	8.5%	7.9%
Trade and repairs	G	11.6%	10.1%	9.8%	9.4%	8.9%	7.9%	7.3%	7.3%
Transport and storage	H	3.9%	4.4%	4.6%	4.6%	4.2%	4.3%	4.7%	4.0%
Accommodation and food services	I	8.8%	8.5%	8.6%	8.4%	8.7%	8.5%	8.5%	8.4%
Accommodation	IA	7.2%	6.8%	6.6%	6.7%	6.5%	6.0%	5.6%	5.8%
Food and beverage services	IB	1.6%	1.7%	1.9%	1.6%	2.2%	2.5%	2.9%	2.5%
Information and communication	J	2.4%	1.2%	-1.3%	0.7%	0.4%	0.8%	1.3%	5.4%
Financial and insurance activities	K	3.5%	3.0%	3.4%	3.4%	2.6%	2.8%	3.4%	4.1%
Real estate activities	L	5.6%	6.1%	6.1%	5.8%	5.2%	5.5%	6.1%	6.9%
Professional, scientific and technical	M	0.1%	0.2%	0.2%	0.2%	0.1%	0.2%	0.3%	0.4%
Administrative and support services	N	0.7%	0.8%	0.8%	0.8%	0.8%	0.8%	0.7%	0.6%
Public administration	O	7.7%	6.7%	6.3%	6.1%	5.7%	7.0%	6.4%	5.1%
Education	P	2.7%	2.6%	2.5%	2.2%	2.1%	2.1%	2.0%	2.0%
Human health and social work	Q	1.2%	1.2%	1.2%	1.0%	1.0%	1.2%	1.0%	1.0%
Arts, entertainment and recreation	R	0.4%	0.3%	0.3%	0.3%	0.4%	0.5%	0.4%	0.4%
Other service activities	S	0.7%	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	0.3%
Domestic services	T	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
<i>Less FISIM</i>		-0.9%	-0.7%	-0.8%	-0.7%	-0.7%	-0.7%	-1.1%	-1.2%
GDP at basic prices		90.0%	89.7%	88.9%	89.3%	89.9%	89.4%	89.8%	89.4%
<i>Taxes on products</i>		10.0%	10.3%	11.1%	10.7%	10.1%	10.6%	10.2%	10.6%
GDP at purchaser prices		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Source: Office of the Chief Government Statistician

Table 3.1: GDP by Economic Activity: at Constant 2007 Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	181.3	191.3	198.5	205.1	214.6	196.8	222.8	221.8
Crops	AA	99.3	105.8	111.2	116.1	118.1	96.4	118.4	109.9
Livestock	AB	23.5	24.2	24.5	24.9	25.9	27.6	29.0	31.2
Forestry	AC	21.1	21.8	22.5	23.3	24.2	25.1	26.0	27.0
Fishing	AD	37.4	39.5	40.2	40.8	46.5	47.6	49.4	53.7
Mining and quarrying	B	8.4	10.1	11.4	12.1	14.3	16.2	15.6	16.3
Manufacturing	C	62.5	62.2	65.1	67.4	72.1	74.7	79.9	87.7
Electricity and gas	D	2.4	2.4	2.4	2.3	3.1	3.4	3.5	3.7
Water supply and sewerage	E	3.3	3.3	3.4	3.5	3.8	3.9	4.1	4.3
Construction	F	47.0	59.9	63.1	66.7	86.6	95.2	97.0	99.9
Trade and repairs	G	85.1	77.5	75.1	74.3	80.1	71.7	73.8	83.3
Transport and storage	H	29.0	28.7	32.7	38.0	43.7	50.2	54.9	58.7
Accommodation and food services	I	64.6	60.4	61.1	62.2	73.4	74.5	81.6	87.3
Accommodation	IA	52.6	48.8	48.1	50.6	57.0	55.1	56.5	61.4
Food and beverage services	IB	12.1	11.6	12.9	11.6	16.4	19.5	25.1	25.9
Information and communication	J	17.8	25.0	22.7	28.0	31.8	35.5	30.8	38.3
Financial and insurance activities	K	25.9	26.1	32.7	37.4	39.6	42.6	44.8	49.6
Real estate activities	L	40.8	43.3	46.1	49.0	52.2	55.6	59.3	63.4
Professional, scientific and technical	M	1.1	1.4	1.3	1.4	1.4	1.7	2.5	3.6
Administrative and support services	N	5.1	5.4	5.7	5.7	6.2	6.5	7.0	7.0
Public administration	O	56.3	68.8	86.5	86.5	88.0	98.5	103.6	114.8
Education	P	19.9	20.8	21.2	21.7	22.9	23.9	24.3	25.0
Human health and social work	Q	8.8	8.9	9.1	9.3	9.4	9.6	9.9	10.7
Arts, entertainment and recreation	R	2.7	2.7	2.9	3.0	3.3	3.2	3.5	3.7
Other service activities	S	4.9	4.9	5.1	5.3	5.7	5.7	6.1	6.4
Domestic services	T	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.3
<i>Less FISIM</i>	-	6.3	6.7	8.5	9.3	10.7	11.2	12.5	13.9
GDP at basic prices		661.5	697.7	738.6	770.8	842.7	859.6	913.7	973.0
<i>Taxes on products</i>		73.3	67.9	74.9	77.4	84.8	113.2	129.2	142.3
GDP at purchaser prices		734.8	765.6	813.5	848.2	927.5	972.8	1,042.9	1,115.4

Source: Office of the Chief Government Statistician

Table 3.2: GDP by Economic Activity: at Constant 2007 Prices - Percentage Growth

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	0.2%	5.5%	3.8%	3.3%	4.7%	-8.3%	13.2%	-0.4%
Crops	AA	-2.1%	6.6%	5.1%	4.3%	1.7%	-18.4%	22.9%	-7.2%
Livestock	AB	3.5%	2.7%	1.3%	1.8%	4.0%	6.7%	5.1%	7.5%
Forestry	AC	3.7%	3.5%	3.3%	3.5%	3.8%	3.9%	3.5%	3.8%
Fishing	AD	2.4%	5.4%	1.9%	1.5%	13.9%	2.5%	3.6%	8.9%
Mining and quarrying	B	9.1%	19.8%	12.6%	6.6%	18.4%	12.7%	-3.6%	4.9%
Manufacturing	C	0.5%	-0.5%	4.7%	3.5%	7.0%	3.6%	6.9%	9.9%
Electricity and gas	D	7.5%	-0.7%	0.9%	-4.7%	35.5%	9.5%	3.1%	4.7%
Water supply and sewerage	E	7.5%	0.4%	3.0%	2.8%	8.2%	3.4%	6.0%	4.8%
Construction	F	6.3%	27.6%	5.2%	5.7%	29.8%	9.9%	1.9%	3.0%
Trade and repairs	G	9.9%	-8.9%	-3.1%	-1.1%	7.7%	-10.4%	2.9%	13.0%
Transport and storage	H	37.4%	-1.0%	13.8%	16.4%	14.9%	14.9%	9.4%	7.0%
Accommodation and food services	I	4.5%	-6.5%	1.1%	1.8%	18.1%	1.5%	9.5%	6.9%
Accommodation	IA	4.5%	-7.2%	-1.3%	5.2%	12.6%	-3.4%	2.6%	8.7%
Food and beverage services	IB	4.5%	-3.3%	11.0%	-10.5%	41.9%	18.5%	29.1%	2.9%
Information and communication	J	37.4%	40.3%	-9.2%	23.3%	13.3%	11.9%	-13.3%	24.5%
Financial and insurance activities	K	21.0%	1.0%	25.0%	14.5%	5.9%	7.6%	5.1%	10.6%
Real estate activities	L	4.8%	6.2%	6.3%	6.4%	6.5%	6.6%	6.7%	6.8%
Professional, scientific and technical	M	4.8%	30.3%	-4.1%	9.3%	-3.5%	21.4%	47.9%	43.4%
Administrative and support services	N	4.8%	7.2%	5.0%	-0.5%	9.7%	5.0%	6.2%	0.9%
Public administration	O	1.3%	22.3%	25.7%	-0.1%	1.7%	12.0%	5.2%	10.8%
Education	P	1.3%	4.4%	1.9%	2.5%	5.5%	4.4%	1.4%	3.1%
Human health and social work	Q	6.6%	1.0%	2.4%	2.4%	1.3%	2.4%	3.0%	7.4%
Arts, entertainment and recreation	R	4.3%	-0.2%	4.9%	3.4%	9.3%	-0.7%	7.5%	5.9%
Other service activities	S	4.3%	0.3%	4.5%	3.3%	8.1%	-0.1%	6.6%	5.3%
Domestic services	T	4.3%	3.2%	3.2%	3.2%	3.2%	3.2%	3.2%	3.1%
<i>Less FISIM</i>		21.0%	5.2%	28.1%	8.6%	15.7%	4.8%	10.8%	11.4%
<i>GDP at basic prices</i>		6.5%	5.5%	5.9%	4.4%	9.3%	2.0%	6.3%	6.5%
<i>Taxes on products</i>		6.5%	-7.3%	10.2%	3.4%	9.6%	33.4%	14.1%	10.2%
GDP at purchaser prices		6.5%	4.2%	6.2%	4.3%	9.3%	4.9%	7.2%	7.0%

Source: Office of the Chief Government Statistician

Table 3.3: GDP by Economic Activity: at Constant 2007 Prices - Contribution to GDP

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	24.7%	25.0%	24.4%	24.2%	23.1%	20.2%	21.4%	19.9%
Crops	AA	13.5%	13.8%	13.7%	13.7%	12.7%	9.9%	11.4%	9.9%
Livestock	AB	3.2%	3.2%	3.0%	2.9%	2.8%	2.8%	2.8%	2.8%
Forestry	AC	2.9%	2.8%	2.8%	2.7%	2.6%	2.6%	2.5%	2.4%
Fishing	AD	5.1%	5.2%	4.9%	4.8%	5.0%	4.9%	4.7%	4.8%
Mining and quarrying	B	1.1%	1.3%	1.4%	1.4%	1.5%	1.7%	1.5%	1.5%
Manufacturing	C	8.5%	8.1%	8.0%	7.9%	7.8%	7.7%	7.7%	7.9%
Electricity and gas	D	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
Water supply and sewerage	E	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%
Construction	F	6.4%	7.8%	7.8%	7.9%	9.3%	9.8%	9.3%	9.0%
Trade and repairs	G	11.6%	10.1%	9.2%	8.8%	8.6%	7.4%	7.1%	7.5%
Transport and storage	H	3.9%	3.8%	4.0%	4.5%	4.7%	5.2%	5.3%	5.3%
Accommodation and food services	I	8.8%	7.9%	7.5%	7.3%	7.9%	7.7%	7.8%	7.8%
Accommodation	IA	7.2%	6.4%	5.9%	6.0%	6.1%	5.7%	5.4%	5.5%
Food and beverage services	IB	1.6%	1.5%	1.6%	1.4%	1.8%	2.0%	2.4%	2.3%
Information and communication	J	2.4%	3.3%	2.8%	3.3%	3.4%	3.7%	3.0%	3.4%
Financial and insurance activities	K	3.5%	3.4%	4.0%	4.4%	4.3%	4.4%	4.3%	4.4%
Real estate activities	L	5.6%	5.7%	5.7%	5.8%	5.6%	5.7%	5.7%	5.7%
Professional, scientific and technical	M	0.1%	0.2%	0.2%	0.2%	0.1%	0.2%	0.2%	0.3%
Administrative and support services	N	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.6%
Public administration	O	7.7%	9.0%	10.6%	10.2%	9.5%	10.1%	9.9%	10.3%
Education	P	2.7%	2.7%	2.6%	2.6%	2.5%	2.5%	2.3%	2.2%
Human health and social work	Q	1.2%	1.2%	1.1%	1.1%	1.0%	1.0%	1.0%	1.0%
Arts, entertainment and recreation	R	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%
Other service activities	S	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%
Domestic services	T	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
<i>Less FISIM</i>		-0.9%	-0.9%	-1.0%	-1.1%	-1.2%	-1.2%	-1.2%	-1.2%
GDP at basic prices		90.0%	91.1%	90.8%	90.9%	90.9%	88.4%	87.6%	87.2%
<i>Taxes on products</i>		<i>10.0%</i>	<i>8.9%</i>	<i>9.2%</i>	<i>9.1%</i>	<i>9.1%</i>	<i>11.6%</i>	<i>12.4%</i>	<i>12.8%</i>
GDP at purchaser prices		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Source: Office of the Chief Government Statistician

Table 4.1: GDP by Economic Activity: Implicit Price Deflators (2007=100)

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	100.0	115.7	134.2	149.3	204.5	237.0	252.3	268.3
Crops	AA	100.0	123.2	139.5	147.0	222.3	263.1	281.8	309.7
Livestock	AB	100.0	114.0	132.7	149.9	172.7	193.7	195.4	191.7
Forestry	AC	100.0	110.7	121.6	132.4	161.4	188.2	199.7	219.5
Fishing	AD	100.0	99.7	127.3	164.9	199.6	235.1	242.6	252.6
Mining and quarrying	B	100.0	115.8	128.7	134.7	144.8	164.1	181.7	196.6
Manufacturing	C	100.0	120.6	119.5	113.4	118.4	148.0	161.4	155.0
Electricity and gas	D	100.0	113.4	159.3	168.2	159.9	170.8	189.5	185.1
Water supply and sewerage	E	100.0	117.7	118.4	116.6	129.1	153.7	258.7	377.0
Construction	F	100.0	109.2	115.9	122.1	131.6	146.3	162.9	168.2
Trade and repairs	G	100.0	110.8	122.1	133.1	149.7	172.5	182.6	187.9
Transport and storage	H	100.0	129.4	131.9	128.0	130.6	134.6	157.5	143.6
Accommodation and food services	I	100.0	119.6	131.5	141.2	159.4	179.0	192.6	204.8
Accommodation	IA	100.0	118.6	129.5	139.3	154.1	170.4	184.8	202.5
Food and beverage services	IB	100.0	123.5	139.0	149.4	177.4	203.5	210.3	210.4
Information and communication	J	100.0	42.0	53.4	27.9	15.7	33.7	79.3	299.4
Financial and insurance activities	K	100.0	99.1	98.0	94.6	87.7	101.7	142.1	174.4
Real estate activities	L	100.0	118.9	124.6	124.0	133.6	153.4	190.0	230.9
Professional, scientific and technical	M	100.0	112.5	120.0	129.3	143.5	165.1	191.5	222.9
Administrative and support services	N	100.0	128.0	135.2	146.8	176.9	188.8	189.1	184.4
Public administration	O	100.0	82.3	68.2	73.9	87.0	110.7	114.2	94.9
Education	P	100.0	105.8	110.1	108.5	125.8	137.9	152.3	173.2
Human health and social work	Q	100.0	112.9	119.1	118.1	146.1	187.3	194.0	192.2
Arts, entertainment and recreation	R	100.0	100.2	98.1	120.3	177.0	237.9	230.3	221.8
Other service activities	S	100.0	94.8	91.5	93.2	102.5	103.6	108.0	116.3
Domestic services	T	100.0	100.0	100.0	100.0	102.8	133.0	133.3	167.0
<i>Less FISIM</i>		100.0	86.2	92.6	81.4	85.6	100.9	168.9	187.7
GDP at basic prices		100.0	109.4	113.1	121.7	143.4	162.8	181.9	196.0
<i>Taxes on products</i>		100.0	129.3	139.1	145.1	160.4	146.8	145.8	159.0
GDP at purchaser prices		100.0	111.2	115.5	123.9	144.9	160.9	177.4	191.3

Source: Office of the Chief Government Statistician

Table 4.2: GDP by Economic Activity: Implicit Price Deflators (2007=100) - Percentage Growth

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	8.9%	15.7%	15.9%	11.3%	37.0%	15.9%	6.4%	6.3%
Crops	AA	-1.8%	23.2%	13.3%	5.4%	51.2%	18.4%	7.1%	9.9%
Livestock	AB	19.1%	14.0%	16.4%	13.0%	15.1%	12.2%	0.9%	-1.9%
Forestry	AC	20.3%	10.7%	9.9%	8.9%	21.9%	16.6%	6.1%	9.9%
Fishing	AD	35.6%	-0.3%	27.6%	29.6%	21.0%	17.8%	3.2%	4.1%
Mining and quarrying	B	13.1%	15.8%	11.1%	4.7%	7.4%	13.4%	10.7%	8.2%
Manufacturing	C	13.1%	20.6%	-1.0%	-5.0%	4.4%	25.0%	9.1%	-4.0%
Electricity and gas	D	3.8%	13.4%	40.5%	5.5%	-4.9%	6.8%	11.0%	-2.3%
Water supply and sewerage	E	3.8%	17.7%	0.6%	-1.6%	10.7%	19.1%	68.3%	45.7%
Construction	F	13.1%	9.2%	6.1%	5.3%	7.8%	11.2%	11.4%	3.3%
Trade and repairs	G	13.0%	10.8%	10.1%	9.0%	12.5%	15.2%	5.8%	2.9%
Transport and storage	H	-14.7%	29.4%	2.0%	-3.0%	2.1%	3.1%	17.0%	-8.8%
Accommodation and food services	I	13.1%	19.6%	10.0%	7.3%	12.9%	12.4%	7.6%	6.3%
Accommodation	IA	13.1%	18.6%	9.2%	7.5%	10.7%	10.5%	8.4%	9.6%
Food and beverage services	IB	13.1%	23.5%	12.6%	7.5%	18.7%	14.7%	3.4%	0.0%
Information and communication	J	-14.7%	-58.0%	-227.0%	-152.3%	-44.0%	115.0%	135.7%	277.3%
Financial and insurance activities	K	10.7%	-0.9%	-1.1%	-3.4%	-7.3%	15.9%	39.8%	22.7%
Real estate activities	L	12.7%	18.9%	4.8%	-0.5%	7.8%	14.8%	23.9%	21.5%
Professional, scientific and technical	M	12.7%	12.5%	6.7%	7.8%	11.0%	15.0%	16.0%	16.4%
Administrative and support services	N	12.7%	28.0%	5.6%	8.5%	20.5%	6.8%	0.1%	-2.5%
Public administration	O	8.8%	-17.7%	-17.1%	8.4%	17.7%	27.2%	3.1%	-16.9%
Education	P	8.8%	5.8%	4.1%	-1.4%	15.9%	9.6%	10.4%	13.7%
Human health and social work	Q	8.8%	12.9%	5.5%	-0.9%	23.7%	28.3%	3.6%	-0.9%
Arts, entertainment and recreation	R	8.8%	0.2%	-2.1%	22.6%	47.1%	34.4%	-3.2%	-3.7%
Other service activities	S	8.8%	-5.2%	-3.5%	1.9%	10.0%	1.0%	4.2%	7.8%
Domestic services	T	8.8%	0.0%	0.0%	0.0%	2.8%	29.4%	0.3%	25.2%
<i>Less FISIM</i>		10.7%	-13.8%	7.5%	-12.1%	5.2%	17.8%	67.5%	11.1%
GDP at basic prices		7.1%	9.4%	3.4%	7.7%	17.8%	13.5%	11.7%	7.8%
<i>Taxes on products</i>		19.2%	29.3%	7.6%	4.3%	10.5%	-8.5%	-0.7%	9.1%
GDP at purchaser prices		8.2%	11.2%	3.9%	7.3%	17.0%	11.0%	10.2%	7.8%

Source: Office of the Chief Government Statistician

Table 5.1: Gross Output by Economic Activity: at Current Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
Gross Output at market prices									
Agriculture, forestry and fishing	A	205.1	251.4	298.0	340.6	477.7	509.7	606.4	650.3
Crops	AA	113.0	147.6	173.7	190.6	283.7	276.0	354.8	363.3
Livestock	AB	28.0	33.4	38.8	44.1	52.4	63.0	67.9	78.1
Forestry	AC	24.2	28.0	31.2	35.2	44.4	53.5	58.6	66.5
Fishing	AD	39.8	42.3	54.2	70.7	97.2	117.2	125.0	142.4
Mining and quarrying	B	12.6	17.6	21.0	23.8	31.1	39.4	41.4	46.4
Manufacturing	C	136.0	165.8	174.7	181.2	212.8	258.1	285.1	309.0
Electricity and gas	D	25.1	38.4	30.7	29.8	29.5	42.4	55.3	48.2
Water supply and sewerage	E	5.1	6.0	6.4	6.5	7.8	9.4	14.7	21.1
Construction	F	108.5	157.8	174.0	186.9	253.1	317.3	345.6	362.0
Trade and repairs	G	112.2	115.7	122.0	130.1	156.0	160.3	178.9	215.2
Transport and storage	H	52.2	65.1	71.0	84.0	106.6	130.9	154.9	161.1
Accommodation and food services	I	96.8	108.5	121.3	130.3	176.7	203.7	243.1	275.2
Information and communication	J	61.2	84.4	76.7	94.7	108.8	122.1	128.9	219.4
Financial and insurance activities	K	31.0	30.9	39.7	44.6	48.9	57.6	82.4	106.8
Real estate activities	L	43.3	54.6	60.8	64.3	73.9	90.5	119.6	155.0
Professional, scientific and technical	M	1.7	2.6	2.6	3.1	3.3	4.6	7.9	13.2
Administrative and support services	N	6.8	9.0	9.6	10.5	13.8	15.5	16.9	17.3
Public administration	O	84.6	94.9	95.5	91.3	105.4	147.6	160.7	147.7
Education	P	30.1	36.2	37.5	34.5	41.0	46.5	51.6	61.3
Human health and social work	Q	13.2	15.6	16.5	15.6	18.8	24.6	26.5	28.2
Arts, entertainment and recreation	R	3.5	3.6	3.8	4.7	7.1	9.2	9.9	10.5
Other service activities	S	6.2	6.1	6.3	6.7	8.0	8.4	9.6	11.2
Domestic services	T	1.0	1.1	1.1	1.1	1.2	1.6	1.7	2.1
<i>Taxes on products</i>		73.3	87.8	104.2	112.3	136.0	166.2	188.3	226.4
Total		1,109	1,353	1,473	1,597	2,017	2,365	2,729	3,087

Source: Office of the Chief Government Statistician

Table 5.2: Gross Output by Economic Activity: at Constant 2007 Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
Gross Output at market prices									
Agriculture, forestry and fishing	A	205.1	216.3	224.2	231.3	240.3	222.2	248.0	248.7
Crops	AA	113.0	120.4	126.3	131.4	132.1	109.6	130.9	123.1
Livestock	AB	28.0	28.8	29.2	29.7	30.9	33.1	34.8	37.4
Forestry	AC	24.2	25.1	25.9	26.8	27.8	28.9	29.9	31.0
Fishing	AD	39.8	42.0	42.8	43.4	49.4	50.6	52.4	57.1
Mining and quarrying	B	12.6	15.0	16.9	18.1	21.4	24.1	23.2	24.4
Manufacturing	C	136.0	136.2	140.1	145.0	155.5	161.8	170.5	184.3
Electricity and gas	D	25.1	24.9	25.2	24.0	32.5	35.6	36.7	38.4
Water supply and sewerage	E	5.1	5.1	5.3	5.4	5.9	6.1	6.5	6.9
Construction	F	108.5	138.6	145.9	154.3	200.2	220.1	224.3	231.1
Trade and repairs	G	112.2	102.4	99.4	98.4	105.9	95.0	97.9	110.4
Transport and storage	H	52.2	52.2	58.9	67.3	77.7	88.5	97.0	105.0
Accommodation and food services	I	96.8	90.8	92.5	93.2	111.7	115.1	128.5	136.7
Information and communication	J	61.2	85.8	77.9	96.1	108.9	121.9	105.6	131.5
Financial and insurance activities	K	31.0	31.3	39.0	44.6	47.2	50.8	53.3	59.0
Real estate activities	L	43.3	45.9	48.8	52.0	55.3	59.0	62.9	67.2
Professional, scientific and technical	M	1.7	2.3	2.2	2.4	2.3	2.8	4.1	5.9
Administrative and support services	N	6.8	7.2	7.5	7.5	8.3	8.6	9.2	9.3
Public administration	O	84.6	102.7	116.8	107.6	108.0	121.7	125.7	132.2
Education	P	30.1	31.4	32.0	32.8	34.6	36.1	36.6	37.7
Human health and social work	Q	13.2	13.3	13.7	14.0	14.2	14.5	15.0	16.1
Arts, entertainment and recreation	R	3.5	3.5	3.7	3.8	4.2	4.1	4.5	4.7
Other service activities	S	6.2	6.2	6.4	6.7	7.2	7.2	7.7	8.1
Domestic services	T	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.3
<i>Taxes on products</i>		73.3	67.9	74.9	77.4	84.8	113.2	129.2	142.3
Total		1,109	1,180	1,232	1,283	1,427	1,510	1,588	1,701

Source: Office of the Chief Government Statistician

Table 5.3: Gross Output by Economic Activity: Implicit Price Deflators (2007=100)

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
Gross Output									
Agriculture, forestry and fishing	A	100.0	116.2	132.9	147.2	198.8	229.4	244.5	261.5
Crops	AA	100.0	122.6	137.6	145.0	214.7	251.8	271.1	295.1
Livestock	AB	100.0	116.0	132.8	148.2	169.3	190.3	195.1	208.7
Forestry	AC	100.0	111.8	120.6	131.4	159.6	185.1	196.1	214.2
Fishing	AD	100.0	100.8	126.7	162.9	196.7	231.5	238.3	249.4
Mining and quarrying	B	100.0	117.2	123.9	131.6	145.4	163.6	178.1	190.4
Manufacturing	C	100.0	121.7	124.8	125.0	136.8	159.5	167.2	167.7
Electricity and gas	D	100.0	154.1	122.1	124.4	90.8	119.2	150.7	125.5
Water supply and sewerage	E	100.0	117.8	121.4	120.8	131.7	153.5	224.7	307.3
Construction	F	100.0	113.9	119.3	121.1	126.4	144.1	154.1	156.6
Trade and repairs	G	100.0	113.0	122.8	132.2	147.4	168.7	182.9	194.9
Transport and storage	H	100.0	124.5	120.4	124.8	137.2	147.9	159.7	153.4
Accommodation and food services	I	100.0	119.5	131.1	139.8	158.1	177.0	189.2	201.3
Information and communication	J	100.0	98.4	98.4	98.5	100.0	100.2	122.0	166.9
Financial and insurance activities	K	100.0	98.9	101.8	100.1	103.6	113.4	154.5	181.1
Real estate activities	L	100.0	118.9	124.5	123.8	133.5	153.4	190.0	230.6
Professional, scientific and technical	M	100.0	112.5	120.0	129.3	143.5	165.1	191.5	222.9
Administrative and support services	N	100.0	125.3	127.8	139.0	167.0	180.1	185.0	185.6
Public administration	O	100.0	92.4	81.7	84.9	97.6	121.2	127.9	111.7
Education	P	100.0	115.3	117.2	105.1	118.4	128.6	140.9	162.5
Human health and social work	Q	100.0	117.2	121.0	111.5	132.7	169.2	176.9	175.9
Arts, entertainment and recreation	R	100.0	103.0	103.0	122.4	169.6	221.8	221.8	221.8
Other service activities	S	100.0	98.5	97.4	100.7	111.0	116.3	125.3	138.1
Domestic services	T	100.0	100.0	100.0	100.0	102.8	133.0	133.3	166.9
<i>Taxes on products</i>		100.0	129.3	139.1	145.1	160.4	146.8	145.8	159.0
Total		100.0	114.7	119.6	124.5	141.4	156.7	171.9	181.5

Source: Office of the Chief Government Statistician

Table 6.1: Intermediate Consumption by Economic Activity: at Current Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
Intermediate Consumption at market prices									
Agriculture, forestry and fishing	A	23.7	30.0	31.7	34.4	38.8	43.4	44.3	55.1
Crops	AA	13.7	17.3	18.5	19.9	21.3	22.5	21.2	23.0
Livestock	AB	4.5	5.9	6.3	6.7	7.7	9.5	11.2	18.2
Forestry	AC	3.2	3.9	3.8	4.4	5.3	6.2	6.7	7.2
Fishing	AD	2.4	2.9	3.0	3.4	4.5	5.2	5.2	6.7
Mining and quarrying	B	4.1	5.9	6.4	7.4	10.3	12.9	13.0	14.2
Manufacturing	C	73.5	90.7	97.0	104.7	127.4	147.5	156.2	173.0
Electricity and gas	D	22.7	35.7	26.9	26.0	24.5	36.6	48.7	41.4
Water supply and sewerage	E	1.8	2.1	2.4	2.4	2.9	3.4	3.9	4.7
Construction	F	61.6	92.3	100.9	105.4	139.1	178.0	187.6	193.9
Trade and repairs	G	27.1	29.8	30.3	31.2	36.2	36.6	44.2	58.5
Transport and storage	H	23.2	27.9	27.9	35.4	49.5	63.4	68.5	76.8
Accommodation and food services	I	32.2	36.3	40.9	42.5	59.6	70.3	85.8	96.5
Information and communication	J	43.3	73.9	88.8	86.9	103.9	110.1	104.4	104.7
Financial and insurance activities	K	5.1	5.0	7.7	9.2	14.1	14.2	18.7	20.3
Real estate activities	L	2.5	3.1	3.4	3.6	4.2	5.2	6.8	8.6
Professional, scientific and technical	M	0.7	1.0	1.0	1.2	1.3	1.8	3.1	5.2
Administrative and support services	N	1.7	2.0	1.9	2.1	2.8	3.1	3.8	4.3
Public administration	O	28.3	38.2	36.5	27.4	28.8	38.5	42.5	38.7
Education	P	10.2	14.2	14.2	10.9	12.1	13.5	14.6	18.0
Human health and social work	Q	4.4	5.6	5.7	4.6	5.1	6.5	7.2	7.7
Arts, entertainment and recreation	R	0.8	0.9	1.0	1.1	1.3	1.5	1.9	2.3
Other service activities	S	1.3	1.4	1.6	1.8	2.1	2.4	3.0	3.7
Domestic services	T	-	-	-	-	-	-	-	0.0
Unallocated FISIM		6.3	5.7	7.9	7.5	9.2	11.3	21.0	26.0
Total		374.5	502.0	533.9	545.8	673.3	800.3	879.3	953.9

Source: Office of the Chief Government Statistician

Table 6.2: Intermediate Consumption by Economic Activity: at Constant 2007 Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
Intermediate Consumption at market prices									
Agriculture, forestry and fishing	A	23.7	25.0	25.7	26.3	25.7	25.5	25.2	26.8
Crops	AA	13.7	14.6	15.1	15.3	14.1	13.3	12.5	13.2
Livestock	AB	4.5	4.7	4.8	4.8	5.1	5.5	5.8	6.2
Forestry	AC	3.2	3.3	3.4	3.5	3.6	3.8	3.9	4.0
Fishing	AD	2.4	2.5	2.5	2.6	2.9	3.0	3.1	3.4
Mining and quarrying	B	4.1	4.9	5.6	5.9	7.0	7.9	7.6	8.0
Manufacturing	C	73.5	74.0	74.9	77.6	83.4	87.1	90.6	96.5
Electricity and gas	D	22.7	22.5	22.8	21.7	29.4	32.2	33.2	34.7
Water supply and sewerage	E	1.8	1.8	1.9	1.9	2.1	2.2	2.4	2.5
Construction	F	61.6	78.6	82.8	87.5	113.6	125.0	127.3	131.2
Trade and repairs	G	27.1	24.9	24.2	24.0	25.8	23.3	24.1	27.0
Transport and storage	H	23.2	23.5	26.2	29.3	34.0	38.3	42.1	46.3
Accommodation and food services	I	32.2	30.4	31.4	31.0	38.3	40.6	46.8	49.4
Information and communication	J	43.3	60.8	55.2	68.1	77.1	86.3	74.8	93.1
Financial and insurance activities	K	5.1	5.1	6.3	7.2	7.6	8.2	8.5	9.4
Real estate activities	L	2.5	2.6	2.8	3.0	3.2	3.4	3.6	3.8
Professional, scientific and technical	M	0.7	0.9	0.9	0.9	0.9	1.1	1.6	2.3
Administrative and support services	N	1.7	1.7	1.8	1.9	2.0	2.1	2.2	2.3
Public administration	O	28.3	33.8	30.3	21.1	20.0	23.2	22.1	17.4
Education	P	10.2	10.6	10.8	11.1	11.7	12.2	12.4	12.7
Human health and social work	Q	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.4
Arts, entertainment and recreation	R	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.0
Other service activities	S	1.3	1.3	1.3	1.4	1.5	1.5	1.6	1.7
Domestic services	T	-	-	-	-	-	-	-	0.0
Unallocated FISIM		6.3	6.7	8.5	9.3	10.7	11.2	12.5	13.9
Total		374.5	414.5	418.9	434.6	499.7	537.0	544.7	585.7

Source: Office of the Chief Government Statistician

Table 6.3: Intermediate Consumption by Economic Activity: Implicit Price Deflators (2007=100)

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
Intermediate Consumption at market prices									
Agriculture, forestry and fishing	A	100.0	119.9	123.3	131.1	151.1	170.2	175.6	205.4
Crops	AA	100.0	118.3	123.0	130.0	151.7	170.1	170.0	174.2
Livestock	AB	100.0	126.2	133.4	139.3	151.9	173.0	193.3	294.1
Forestry	AC	100.0	119.5	114.0	124.9	147.4	164.1	172.1	178.2
Fishing	AD	100.0	117.8	118.1	131.4	151.8	173.8	169.6	197.8
Mining and quarrying	B	100.0	120.0	114.2	125.2	146.9	162.6	170.8	177.5
Manufacturing	C	100.0	122.7	129.4	135.0	152.8	169.3	172.3	179.3
Electricity and gas	D	100.0	158.4	118.2	119.8	83.5	113.8	146.7	119.2
Water supply and sewerage	E	100.0	118.1	126.9	128.4	136.5	153.1	165.6	187.3
Construction	F	100.0	117.4	121.9	120.4	122.4	142.5	147.3	147.8
Trade and repairs	G	100.0	119.6	125.1	129.6	140.1	156.9	183.6	216.4
Transport and storage	H	100.0	118.6	106.1	120.8	145.7	165.4	162.5	165.9
Accommodation and food services	I	100.0	119.5	130.3	137.0	155.7	173.2	183.2	195.2
Information and communication	J	100.0	121.6	160.8	127.6	134.7	127.6	139.6	112.4
Financial and insurance activities	K	100.0	98.1	121.6	128.3	186.5	174.4	219.4	216.2
Real estate activities	L	100.0	118.1	121.6	120.9	131.6	153.7	189.5	225.4
Professional, scientific and technical	M	100.0	112.5	120.0	129.3	143.5	165.1	191.5	222.9
Administrative and support services	N	100.0	116.9	104.4	115.2	136.8	152.2	172.3	189.2
Public administration	O	100.0	113.0	120.4	129.8	143.9	165.8	192.1	222.3
Education	P	100.0	134.1	131.1	98.4	103.9	110.4	118.4	141.4
Human health and social work	Q	100.0	125.5	124.6	98.4	106.3	133.4	143.1	143.6
Arts, entertainment and recreation	R	100.0	112.7	120.1	129.9	143.7	165.3	192.1	221.8
Other service activities	S	100.0	112.8	120.2	129.9	143.8	165.4	192.1	221.9
Domestic services	T	-	-	-	-	-	-	-	-
Unallocated FISIM		100.0	86.2	92.6	81.4	85.6	100.9	168.9	187.7
Total		100.0	121.1	127.5	125.6	134.7	149.0	161.4	162.9

Source: Office of the Chief Government Statistician

Table 7.1: Formal Sector Production: at Current Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	1.9	2.4	2.8	3.0	3.7	4.8	5.2	6.3
Crops	AA	-	-	-	-	-	-	-	-
Livestock	AB	-	-	-	-	-	-	-	-
Forestry	AC	1.9	2.4	2.8	3.0	3.7	4.8	5.2	6.3
Fishing	AD	-	-	-	-	-	-	-	-
Mining and quarrying	B	0.9	1.2	1.5	1.7	2.2	2.9	3.1	3.5
Manufacturing	C	16.3	18.5	19.1	18.6	20.6	24.9	27.8	29.5
Electricity and gas	D	2.4	2.7	3.8	3.8	4.9	5.8	6.6	6.8
Water supply and sewerage	E	1.4	1.6	1.6	1.6	2.1	2.5	5.1	8.1
Construction	F	15.4	26.2	29.3	33.1	57.4	70.1	73.0	77.7
Trade and repairs	G	47.5	43.1	41.9	42.8	54.0	45.3	47.5	63.5
Transport and storage	H	15.1	18.4	22.7	26.1	28.6	33.3	44.9	38.2
Accommodation and food services	I	43.6	48.7	54.2	59.2	78.9	90.0	106.0	120.5
Information and communication	J	17.8	10.5	12.1	7.8	5.0	12.0	24.4	114.8
Financial and insurance activities	K	25.9	25.9	32.0	35.4	34.8	43.3	63.7	86.4
Real estate activities	L	33.1	42.5	48.0	51.5	59.9	74.2	99.1	129.8
Professional, scientific and technical	M	0.5	0.8	0.8	0.9	1.0	1.4	2.4	4.0
Administrative and support services	N	3.0	4.1	4.6	4.9	6.6	7.3	7.7	7.6
Public administration	O	56.3	56.6	59.0	63.9	76.5	109.1	118.2	109.0
Education	P	19.9	22.0	23.3	23.6	28.8	33.0	36.9	43.3
Human health and social work	Q	8.1	9.2	9.9	9.9	12.3	16.3	17.4	18.6
Arts, entertainment and recreation	R	1.4	1.4	1.4	1.8	2.9	3.9	4.1	4.1
Other service activities	S	0.9	0.8	0.8	0.9	1.1	1.1	1.2	1.4
Domestic services	T	-	-	-	-	-	-	-	-
Total		311.6	336.7	344.7	390.8	481.4	580.9	694.4	873.2

Source: Office of the Chief Government Statistician

Table 7.2: Formal Sector Production: at Constant 2007 Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	1.9	2.0	2.1	2.2	2.3	2.3	2.2	2.2
Crops	AA	-	-	-	-	-	-	-	-
Livestock	AB	-	-	-	-	-	-	-	-
Forestry	AC	1.9	2.0	2.1	2.2	2.3	2.3	2.2	2.2
Fishing	AD	-	-	-	-	-	-	-	-
Mining and quarrying	B	0.9	1.1	1.2	1.3	1.5	1.8	1.7	1.8
Manufacturing	C	16.3	15.4	16.1	16.6	19.0	19.8	20.4	22.2
Electricity and gas	D	2.4	2.4	2.4	2.3	3.1	3.4	3.5	3.7
Water supply and sewerage	E	1.4	1.4	1.4	1.4	1.6	1.7	1.8	2.0
Construction	F	15.4	20.1	21.3	22.6	29.8	32.9	33.6	34.6
Trade and repairs	G	47.5	38.7	34.1	32.0	35.8	26.5	26.8	34.8
Transport and storage	H	15.1	14.2	16.7	19.0	21.8	26.8	29.4	31.1
Accommodation and food services	I	43.6	32.4	33.8	26.9	50.3	59.1	74.5	77.7
Information and communication	J	17.8	25.0	22.7	28.0	31.8	35.5	30.8	38.3
Financial and insurance activities	K	25.9	26.1	32.7	37.4	39.6	42.6	44.8	49.6
Real estate activities	L	33.1	35.7	38.5	41.6	44.8	48.3	52.1	56.2
Professional, scientific and technical	M	0.5	0.7	0.7	0.7	0.7	0.8	1.2	1.8
Administrative and support services	N	3.0	3.2	3.3	3.4	3.7	3.8	4.1	4.1
Public administration	O	56.3	68.8	86.5	86.5	88.0	98.5	103.6	114.8
Education	P	19.9	20.8	21.2	21.7	22.9	23.9	24.3	25.0
Human health and social work	Q	8.1	8.2	8.4	8.6	8.7	8.9	9.1	9.8
Arts, entertainment and recreation	R	1.4	1.4	1.5	1.5	1.6	1.6	1.8	1.9
Other service activities	S	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.2
Domestic services	T	-	-	-	-	-	-	-	-
Total		311.6	318.5	345.6	354.6	408.0	439.5	466.9	512.9

Source: Office of the Chief Government Statistician

Table 8.1: Informal Sector Production: at Current Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	177.2	216.5	260.6	299.9	431.1	456.6	551.4	582.6
Crops	AA	99.3	130.4	155.2	170.6	262.4	253.5	333.6	340.3
Livestock	AB	23.5	27.6	32.5	37.3	44.7	53.5	56.8	59.9
Forestry	AC	16.9	19.2	21.7	24.6	31.2	37.6	41.3	46.7
Fishing	AD	37.4	39.3	51.2	67.3	92.8	112.0	119.7	135.7
Mining and quarrying	B	6.6	9.3	11.8	13.3	17.2	22.1	23.6	26.9
Manufacturing	C	46.2	56.5	58.7	57.8	64.8	85.7	101.1	106.5
Electricity and gas	D	-	-	-	-	-	-	-	-
Water supply and sewerage	E	0.4	0.5	0.6	0.6	0.6	0.9	1.7	2.6
Construction	F	31.5	39.2	43.8	48.4	56.5	69.2	85.0	90.3
Trade and repairs	G	34.1	39.1	45.7	51.3	60.7	70.3	74.4	79.2
Transport and storage	H	13.9	18.8	20.4	22.5	28.5	34.3	41.6	46.1
Accommodation and food services	I	21.0	23.5	26.2	28.6	38.1	43.5	51.2	58.2
Information and communication	J	-	-	-	-	-	-	-	-
Financial and insurance activities	K	-	-	-	-	-	-	-	-
Real estate activities	L	7.7	9.0	9.4	9.2	9.8	11.2	13.7	16.5
Professional, scientific and technical	M	0.5	0.8	0.8	0.9	1.0	1.4	2.4	4.0
Administrative and support services	N	2.1	2.9	3.2	3.4	4.5	5.1	5.5	5.4
Public administration	O	-	-	-	-	-	-	-	-
Education	P	-	-	-	-	-	-	-	-
Human health and social work	Q	0.6	0.8	0.9	1.1	1.4	1.7	1.9	1.9
Arts, entertainment and recreation	R	1.4	1.4	1.4	1.8	2.8	3.8	3.9	4.0
Other service activities	S	4.0	3.8	3.8	4.0	4.8	4.8	5.4	6.1
Domestic services	T	1.0	1.1	1.1	1.1	1.2	1.6	1.7	2.1
Total		348.2	423.2	488.3	543.9	723.1	812.2	964.4	1,032.6

Source: Office of the Chief Government Statistician

Table 8.2: Informal Sector Production: at Constant 2007 Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	177.2	187.0	194.0	200.5	209.8	191.8	217.9	216.8
Crops	AA	99.3	105.8	111.2	116.1	118.1	96.4	118.4	109.9
Livestock	AB	23.5	24.2	24.5	24.9	25.9	27.6	29.0	31.2
Forestry	AC	16.9	17.5	18.1	18.7	19.4	20.2	21.1	21.9
Fishing	AD	37.4	39.5	40.2	40.8	46.5	47.6	49.4	53.7
Mining and quarrying	B	6.6	8.1	9.2	9.9	11.9	13.5	13.0	13.7
Manufacturing	C	46.2	46.8	49.0	50.8	53.1	54.9	59.5	65.6
Electricity and gas	D	-	-	-	-	-	-	-	-
Water supply and sewerage	E	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6
Construction	F	31.5	39.8	41.8	44.1	56.8	62.3	63.4	65.3
Trade and repairs	G	34.1	35.0	36.9	38.1	40.0	40.6	42.0	43.5
Transport and storage	H	13.9	14.5	16.0	19.0	21.9	23.4	25.5	27.6
Accommodation and food services	I	21.0	15.5	16.1	12.8	24.4	29.1	37.8	39.1
Information and communication	J	-	-	-	-	-	-	-	-
Financial and insurance activities	K	-	-	-	-	-	-	-	-
Real estate activities	L	7.7	7.6	7.5	7.4	7.4	7.3	7.2	7.1
Professional, scientific and technical	M	0.5	0.7	0.7	0.7	0.7			
Administrative and support services	N	2.1	2.2	2.4	2.3	2.6	2.7	2.9	2.9
Public administration	O	-	-	-	-	-	-	-	-
Education	P	-	-	-	-	-	-	-	-
Human health and social work	Q	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8
Arts, entertainment and recreation	R	1.4	1.4	1.4	1.5	1.6	1.6	1.7	1.8
Other service activities	S	4.0	4.0	4.2	4.3	4.7	4.7	5.0	5.3
Domestic services	T	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.3
Total		348.2	364.8	381.4	393.7	437.2	434.4	478.4	491.2

Source: Office of the Chief Government Statistician

Table 9.1: Market Producers: at Current Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	163.3	200.8	239.6	275.6	400.7	423.4	513.9	541.8
Crops	AA	93.2	123.1	146.0	160.0	249.8	241.3	320.1	325.5
Livestock	AB	17.4	20.2	22.4	26.3	30.1	35.9	36.0	36.2
Forestry	AC	18.9	21.6	24.5	27.6	34.9	42.3	46.5	53.1
Fishing	AD	33.8	35.8	46.7	61.6	85.8	103.9	111.4	127.0
Mining and quarrying	B	7.4	10.6	13.4	15.0	19.4	25.0	26.7	30.5
Manufacturing	C	62.5	75.1	77.8	76.4	85.4	110.6	128.9	136.0
Electricity and gas	D	2.4	2.7	3.8	3.8	4.9	5.8	6.6	6.8
Water supply and sewerage	E	1.8	2.1	2.2	2.1	2.7	3.4	6.8	10.8
Construction	F	43.0	60.9	68.4	76.5	108.6	133.3	151.7	161.4
Trade and repairs	G	85.1	85.9	91.7	98.9	119.9	123.7	134.8	156.6
Transport and storage	H	29.0	37.2	43.1	48.7	57.1	67.6	86.5	84.3
Accommodation and food services	I	64.6	72.3	80.3	87.8	117.0	133.4	157.3	178.7
Information and communication	J	17.8	10.5	12.1	7.8	5.0	12.0	24.4	114.8
Financial and insurance activities	K	25.9	25.9	32.0	35.4	34.8	43.3	63.7	86.4
Real estate activities	L	3.9	5.0	5.6	5.9	6.8	8.4	11.2	14.5
Professional, scientific and technical	M	1.1	1.5	1.6	1.9	2.0	2.8	4.8	8.0
Administrative and support services	N	5.1	7.0	7.7	8.3	11.0	12.4	13.1	12.9
Public administration	O	-	-	-	-	-	-	-	-
Education	P	4.5	5.2	5.7	6.7	7.9	11.0	14.4	16.6
Human health and social work	Q	3.8	4.8	5.4	6.4	8.2	10.2	10.9	11.0
Arts, entertainment and recreation	R	2.7	2.7	2.8	3.6	5.8	7.7	8.0	8.2
Other service activities	S	4.9	4.6	4.7	4.9	5.9	5.9	6.6	7.5
Domestic services	T	1.0	1.1	1.1	1.1	1.2	1.6	1.7	2.1
Total		529.9	615.7	674.6	767.0	1,004.3	1,141.4	1,371.8	1,589.0

Source: Office of the Chief Government Statistician

Table 9.2: Market Producers: at Constant 2007 Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	163.3	172.4	178.0	184.7	193.0	174.9	198.9	196.3
Crops	AA	93.2	99.3	104.1	108.8	110.7	89.5	111.0	102.7
Livestock	AB	17.4	17.7	17.0	17.7	17.6	18.6	18.5	19.0
Forestry	AC	18.9	19.5	20.2	20.9	21.7	22.5	23.3	24.2
Fishing	AD	33.8	35.9	36.7	37.4	43.1	44.3	46.0	50.5
Mining and quarrying	B	7.4	9.1	10.4	11.2	13.4	15.3	14.7	15.4
Manufacturing	C	62.5	62.2	65.1	67.4	72.1	74.7	79.9	87.7
Electricity and gas	D	2.4	2.4	2.4	2.3	3.1	3.4	3.5	3.7
Water supply and sewerage	E	1.8	1.8	1.9	1.9	2.1	2.2	2.4	2.5
Construction	F	43.0	56.0	59.3	63.0	82.9	91.6	93.4	96.4
Trade and repairs	G	85.1	77.5	75.1	74.3	80.1	71.7	73.8	83.3
Transport and storage	H	29.0	28.7	32.7	38.0	43.7	50.2	54.9	58.7
Accommodation and food services	I	64.6	60.4	61.1	62.2	73.4	74.5	81.6	87.3
Information and communication	J	17.8	25.0	22.7	28.0	31.8	35.5	30.8	38.3
Financial and insurance activities	K	25.9	26.1	32.7	37.4	39.6	42.6	44.8	49.6
Real estate activities	L	3.9	4.2	4.5	4.8	5.1	5.5	5.9	6.3
Professional, scientific and technical	M	1.1	1.4	1.3	1.4	1.4	1.7	2.5	3.6
Administrative and support services	N	5.1	5.4	5.7	5.7	6.2	6.5	7.0	7.0
Public administration	O	-	-	-	-	-	-	-	-
Education	P	4.5	5.1	5.6	5.6	6.4	7.3	7.5	7.7
Human health and social work	Q	3.8	3.9	4.1	4.2	4.3	4.5	4.6	4.8
Arts, entertainment and recreation	R	2.7	2.7	2.9	3.0	3.3	3.2	3.5	3.7
Other service activities	S	4.9	4.9	5.1	5.3	5.7	5.7	6.1	6.4
Domestic services	T	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.3
Total		529.9	550.5	571.6	601.5	668.8	672.3	716.9	760.1

Source: Office of the Chief Government Statistician

Table 10.1: Non-market Producers: at Current Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	18.0	20.6	26.7	30.6	38.3	43.0	48.2	53.4
Crops	AA	6.1	7.2	9.2	10.6	12.6	12.2	13.5	14.8
Livestock	AB	6.1	7.3	10.1	11.0	14.6	17.6	20.8	23.7
Forestry	AC	2.2	2.5	2.9	3.2	4.1	5.0	5.5	6.2
Fishing	AD	3.6	3.5	4.5	5.7	7.0	8.1	8.4	8.7
Mining and quarrying	B	1.0	1.1	1.2	1.3	1.3	1.5	1.6	1.7
Manufacturing	C	-	-	-	-	-	-	-	-
Electricity and gas	D	-	-	-	-	-	-	-	-
Water supply and sewerage	E	1.4	1.8	1.9	1.9	2.2	2.6	4.0	5.6
Construction	F	4.0	4.6	4.8	5.0	5.3	5.9	6.3	6.6
Trade and repairs	G	-	-	-	-	-	-	-	-
Transport and storage	H	-	-	-	-	-	-	-	-
Accommodation and food services	I	-	-	-	-	-	-	-	-
Information and communication	J	-	-	-	-	-	-	-	-
Financial and insurance activities	K	-	-	-	-	-	-	-	-
Real estate activities	L	36.9	46.6	51.8	54.8	62.9	76.9	101.6	131.8
Professional, scientific and technical	M	-	-	-	-	-	-	-	-
Administrative and support services	N	-	-	-	-	-	-	-	-
Public administration	O	56.3	56.6	59.0	63.9	76.5	109.1	118.2	109.0
Education	P	15.4	16.8	17.7	16.9	20.9	22.0	22.5	26.7
Human health and social work	Q	5.0	5.2	5.4	4.6	5.5	7.9	8.4	9.5
Arts, entertainment and recreation	R	-	-	-	-	-	-	-	-
Other service activities	S	-	-	-	-	-	-	-	-
Domestic services	T	-	-	-	-	-	-	-	-
Total		138.0	153.3	168.5	179.0	213.0	268.9	310.8	344.2

Source: Office of the Chief Government Statistician

Table 10.2: Non-market Producers: at Constant 2007 Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	18.0	18.8	20.5	20.4	21.7	21.9	23.9	25.5
Crops	AA	6.1	6.6	7.1	7.3	7.4	6.9	7.3	7.2
Livestock	AB	6.1	6.5	7.5	7.2	8.3	9.0	10.5	12.2
Forestry	AC	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.8
Fishing	AD	3.6	3.5	3.5	3.4	3.4	3.4	3.3	3.3
Mining and quarrying	B	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9
Manufacturing	C	-	-	-	-	-	-	-	-
Electricity and gas	D	-	-	-	-	-	-	-	-
Water supply and sewerage	E	1.4	1.5	1.5	1.6	1.7	1.7	1.8	1.8
Construction	F	4.0	3.9	3.8	3.8	3.7	3.6	3.6	3.5
Trade and repairs	G	-	-	-	-	-	-	-	-
Transport and storage	H	-	-	-	-	-	-	-	-
Accommodation and food services	I	-	-	-	-	-	-	-	-
Information and communication	J	-	-	-	-	-	-	-	-
Financial and insurance activities	K	-	-	-	-	-	-	-	-
Real estate activities	L	36.9	39.2	41.6	44.2	47.1	50.2	53.5	57.1
Professional, scientific and technical	M	-	-	-	-	-	-	-	-
Administrative and support services	N	-	-	-	-	-	-	-	-
Public administration	O	56.3	68.8	86.5	86.5	88.0	98.5	103.6	114.8
Education	P	15.4	15.7	15.6	16.1	16.5	16.6	16.8	17.3
Human health and social work	Q	5.0	4.9	5.0	5.1	5.1	5.2	5.3	5.9
Arts, entertainment and recreation	R	-	-	-	-	-	-	-	-
Other service activities	S	-	-	-	-	-	-	-	-
Domestic services	T	-	-	-	-	-	-	-	-
Total		138.0	153.8	175.5	178.6	184.6	198.5	209.3	226.8

Source: Office of the Chief Government Statistician

Table 11.1: Monetary Production: at Current Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	163.3	200.8	239.6	275.6	400.7	423.4	513.9	541.8
Crops	AA	93.2	123.1	146.0	160.0	249.8	241.3	320.1	325.5
Livestock	AB	17.4	20.2	22.4	26.3	30.1	35.9	36.0	36.2
Forestry	AC	18.9	21.6	24.5	27.6	34.9	42.3	46.5	53.1
Fishing	AD	33.8	35.8	46.7	61.6	85.8	103.9	111.4	127.0
Mining and quarrying	B	7.4	10.6	13.4	15.0	19.4	25.0	26.7	30.5
Manufacturing	C	62.5	75.1	77.8	76.4	85.4	110.6	128.9	136.0
Electricity and gas	D	2.4	2.7	3.8	3.8	4.9	5.8	6.6	6.8
Water supply and sewerage	E	1.8	2.1	2.2	2.1	2.7	3.4	6.8	10.8
Construction	F	43.0	60.9	68.4	76.5	108.6	133.3	151.7	161.4
Trade and repairs	G	85.1	85.9	91.7	98.9	119.9	123.7	134.8	156.6
Transport and storage	H	29.0	37.2	43.1	48.7	57.1	67.6	86.5	84.3
Accommodation and food services	I	64.6	72.3	80.3	87.8	117.0	133.4	157.3	178.7
Information and communication	J	17.8	10.5	12.1	7.8	5.0	12.0	24.4	114.8
Financial and insurance activities	K	25.9	25.9	32.0	35.4	34.8	43.3	63.7	86.4
Real estate activities	L	3.9	5.0	5.6	5.9	6.8	8.4	11.2	14.5
Professional, scientific and technical	M	1.1	1.5	1.6	1.9	2.0	2.8	4.8	8.0
Administrative and support services	N	5.1	7.0	7.7	8.3	11.0	12.4	13.1	12.9
Public administration	O	56.3	56.6	59.0	63.9	76.5	109.1	118.2	109.0
Education	P	19.9	22.0	23.3	23.6	28.8	33.0	36.9	43.3
Human health and social work	Q	8.8	10.0	10.8	11.0	13.7	18.1	19.3	20.5
Arts, entertainment and recreation	R	2.7	2.7	2.8	3.6	5.8	7.7	8.0	8.2
Other service activities	S	4.9	4.6	4.7	4.9	5.9	5.9	6.6	7.5
Domestic services	T	1.0	1.1	1.1	1.1	1.2	1.6	1.7	2.1
Total		606.5	694.4	756.7	852.4	1,107.3	1,280.4	1,520.9	1,734.1

Source: Office of the Chief Government Statistician

Table 11.2: Monetary Production: at Constant 2007 Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	163.3	172.4	178.0	184.7	193.0	174.9	198.9	196.3
Crops	AA	93.2	99.3	104.1	108.8	110.7	89.5	111.0	102.7
Livestock	AB	17.4	17.7	17.0	17.7	17.6	18.6	18.5	19.0
Forestry	AC	18.9	19.5	20.2	20.9	21.7	22.5	23.3	24.2
Fishing	AD	33.8	35.9	36.7	37.4	43.1	44.3	46.0	50.5
Mining and quarrying	B	7.4	9.1	10.4	11.2	13.4	15.3	14.7	15.4
Manufacturing	C	62.5	62.2	65.1	67.4	72.1	74.7	79.9	87.7
Electricity and gas	D	2.4	2.4	2.4	2.3	3.1	3.4	3.5	3.7
Water supply and sewerage	E	1.8	1.8	1.9	1.9	2.1	2.2	2.4	2.5
Construction	F	43.0	56.0	59.3	63.0	82.9	91.6	93.4	96.4
Trade and repairs	G	85.1	77.5	75.1	74.3	80.1	71.7	73.8	83.3
Transport and storage	H	29.0	28.7	32.7	38.0	43.7	50.2	54.9	58.7
Accommodation and food services	I	64.6	60.4	61.1	62.2	73.4	74.5	81.6	87.3
Information and communication	J	17.8	25.0	22.7	28.0	31.8	35.5	30.8	38.3
Financial and insurance activities	K	25.9	26.1	32.7	37.4	39.6	42.6	44.8	49.6
Real estate activities	L	3.9	4.2	4.5	4.8	5.1	5.5	5.9	6.3
Professional, scientific and technical	M	1.1	1.4	1.3	1.4	1.4	1.7	2.5	3.6
Administrative and support services	N	5.1	5.4	5.7	5.7	6.2	6.5	7.0	7.0
Public administration	O	56.3	68.8	86.5	86.5	88.0	98.5	103.6	114.8
Education	P	4.5	5.1	5.6	5.6	6.4	7.3	7.5	7.7
Human health and social work	Q	19.9	20.8	21.2	21.7	22.9	23.9	24.3	25.0
Arts, entertainment and recreation	R	8.8	8.9	9.1	9.3	9.4	9.6	9.9	10.7
Other service activities	S	2.7	2.7	2.9	3.0	3.3	3.2	3.5	3.7
Domestic services	T	4.9	4.9	5.1	5.3	5.7	5.7	6.1	6.4
Total		610.0	644.0	683.2	713.7	783.6	798.7	848.8	904.5

Source: Office of the Chief Government Statistician

Table 12.1: Non-monetary Production: at Current Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	18.0	20.6	26.7	30.6	38.3	43.0	48.2	53.4
Crops	AA	6.1	7.2	9.2	10.6	12.6	12.2	13.5	14.8
Livestock	AB	6.1	7.3	10.1	11.0	14.6	17.6	20.8	23.7
Forestry	AC	2.2	2.5	2.9	3.2	4.1	5.0	5.5	6.2
Fishing	AD	3.6	3.5	4.5	5.7	7.0	8.1	8.4	8.7
Mining and quarrying	B	1.0	1.1	1.2	1.3	1.3	1.5	1.6	1.7
Manufacturing	C	-	-	-	-	-	-	-	-
Electricity and gas	D	-	-	-	-	-	-	-	-
Water supply and sewerage	E	1.4	1.8	1.9	1.9	2.2	2.6	4.0	5.6
Construction	F	4.0	4.6	4.8	5.0	5.3	5.9	6.3	6.6
Trade and repairs	G	-	-	-	-	-	-	-	-
Transport and storage	H	-	-	-	-	-	-	-	-
Accommodation and food services	I	-	-	-	-	-	-	-	-
Information and communication	J	-	-	-	-	-	-	-	-
Financial and insurance activities	K	-	-	-	-	-	-	-	-
Real estate activities	L	36.9	46.6	51.8	54.8	62.9	76.9	101.6	131.8
Professional, scientific and technical	M	-	-	-	-	-	-	-	-
Administrative and support services	N	-	-	-	-	-	-	-	-
Public administration	O	-	-	-	-	-	-	-	-
Education	P	-	-	-	-	-	-	-	-
Human health and social work	Q	-	-	-	-	-	-	-	-
Arts, entertainment and recreation	R	-	-	-	-	-	-	-	-
Other service activities	S	-	-	-	-	-	-	-	-
Domestic services	T	-	-	-	-	-	-	-	-
Total		61.4	74.7	86.4	93.6	110.0	130.0	161.7	199.1

Source: Office of the Chief Government Statistician

Table 12.2: Non-monetary Production: at Constant 2007 Prices in Billions of Shillings

	ISIC	2007	2008	2009	2010	2011	2012	2013	2014p
GDP at market prices									
Agriculture, forestry and fishing	A	18.0	18.8	20.5	20.4	21.7	21.9	23.9	25.5
Crops	AA	6.1	6.6	7.1	7.3	7.4	6.9	7.3	7.2
Livestock	AB	6.1	6.5	7.5	7.2	8.3	9.0	10.5	12.2
Forestry	AC	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.8
Fishing	AD	3.6	3.5	3.5	3.4	3.4	3.4	3.3	3.3
Mining and quarrying	B	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9
Manufacturing	C	-	-	-	-	-	-	-	-
Electricity and gas	D	-	-	-	-	-	-	-	-
Water supply and sewerage	E	1.4	1.5	1.5	1.6	1.7	1.7	1.8	1.8
Construction	F	4.0	3.9	3.8	3.8	3.7	3.6	3.6	3.5
Trade and repairs	G	-	-	-	-	-	-	-	-
Transport and storage	H	-	-	-	-	-	-	-	-
Accommodation and food services	I	-	-	-	-	-	-	-	-
Information and communication	J	-	-	-	-	-	-	-	-
Financial and insurance activities	K	-	-	-	-	-	-	-	-
Real estate activities	L	36.9	39.2	41.6	44.2	47.1	50.2	53.5	57.1
Professional, scientific and technical	M	-	-	-	-	-	-	-	-
Administrative and support services	N	-	-	-	-	-	-	-	-
Public administration	O	-	-	-	-	-	-	-	-
Education	P	-	-	-	-	-	-	-	-
Human health and social work	Q	-	-	-	-	-	-	-	-
Arts, entertainment and recreation	R	-	-	-	-	-	-	-	-
Other service activities	S	-	-	-	-	-	-	-	-
Domestic services	T	-	-	-	-	-	-	-	-
Total		61.4	64.4	68.4	70.9	75.0	78.3	83.6	88.8

Source: Office of the Chief Government Statistician

Table 13: Revised GDP by Economic Activity: at Current Prices (1991-2006)

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
GDP at market prices																
Agriculture, forestry and fishing	9.1	10.6	14.8	16.5	20.8	27.2	31.7	33.8	41.1	52.1	65.7	73.1	70.9	91.1	104.6	166.2
Crops	5.6	6.1	7.7	8.4	9.4	12.5	14.3	15.5	19.0	24.0	35.6	39.7	35.2	46.8	51.2	103.2
Livestock	1.5	2.1	2.9	3.0	5.4	6.8	7.1	7.0	6.8	8.5	8.6	9.7	11.2	13.5	14.9	19.1
Forestry	1.0	1.0	1.9	2.0	2.1	3.4	5.1	5.2	5.3	8.6	9.9	10.2	10.3	11.1	11.9	16.9
Fishing	1.0	1.4	2.3	3.1	4.0	4.5	5.3	6.1	10.0	11.0	11.5	13.5	14.2	19.7	26.7	26.9
Mining and quarrying	0.5	0.7	0.7	0.9	1.2	1.5	1.7	1.7	1.7	1.8	2.0	2.7	4.0	4.5	5.7	6.8
Manufacturing	3.2	5.8	7.3	9.7	12.0	14.9	18.4	21.9	24.4	25.2	26.5	32.2	39.6	40.5	45.6	55.0
Electricity and gas	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.7	0.8	0.9	1.0	1.2	1.4	2.1
Water supply and sewerage	0.2	0.2	0.3	0.4	0.5	0.7	0.8	0.8	0.9	1.0	1.1	1.3	1.4	1.7	1.9	2.9
Construction	1.7	2.5	3.6	5.8	8.0	9.0	9.7	7.3	8.2	6.1	8.7	10.5	14.1	21.0	25.1	39.1
Trade and repairs	4.9	7.8	9.3	12.1	15.8	23.0	24.5	21.8	27.0	29.4	35.8	38.4	42.0	46.3	58.3	68.5
Transport and storage	1.0	1.4	2.0	2.6	3.5	4.8	5.6	5.5	6.3	7.9	9.9	11.3	16.9	19.4	22.6	24.7
Accommodation and food services	2.0	3.1	4.7	3.7	6.9	10.6	15.8	16.6	17.6	22.1	18.7	22.6	22.7	27.9	43.0	54.7
Accommodation	1.6	2.5	3.8	3.0	5.6	8.7	12.8	13.5	14.4	18.0	15.2	18.4	18.4	22.7	35.0	44.5
Food and beverage services	0.4	0.6	0.9	0.7	1.3	2.0	2.9	3.1	3.3	4.1	3.5	4.2	4.2	5.2	8.0	10.2
Information and communication	0.6	0.9	1.2	1.6	2.1	3.0	3.4	3.4	3.9	4.9	6.1	6.9	10.4	11.9	13.9	15.2
Financial and insurance activities	0.5	0.7	1.3	1.9	2.4	3.4	3.9	3.7	4.9	6.4	7.1	9.1	11.0	13.4	18.8	19.3
Real estate activities	3.1	4.0	5.1	6.5	8.8	10.9	12.8	13.5	14.2	15.9	17.2	19.0	21.8	24.6	28.3	34.6
Professional, scientific and technical	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.9
Administrative and support services	0.4	0.5	0.6	0.8	1.1	1.4	1.6	1.7	1.8	2.0	2.1	2.4	2.7	3.1	3.5	4.3
Public administration	2.5	3.3	4.8	6.4	9.0	11.6	16.4	21.4	21.7	27.2	32.4	41.2	48.1	57.2	53.9	51.1
Education	0.9	1.2	1.6	2.0	2.9	3.8	5.0	5.9	6.2	7.1	8.3	9.7	11.3	13.4	14.8	18.1
Human health and social work	0.3	0.4	0.6	0.7	1.0	1.3	1.8	2.2	2.2	2.6	3.0	3.6	4.7	5.4	6.2	7.6
Arts, entertainment and recreation	0.1	0.2	0.3	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.5	1.8	2.0	2.4
Other service activities	0.3	0.4	0.4	0.6	0.8	1.1	1.3	1.5	1.6	1.8	2.0	2.3	2.7	3.1	3.6	4.3
Domestic services	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.7	0.8	0.9
<i>Less FISIM</i>	- 0.1 -	- 0.2 -	- 0.3 -	- 0.5 -	- 0.6 -	- 0.8 -	- 1.0 -	- 0.9 -	- 1.2 -	- 1.6 -	- 1.7 -	- 2.2 -	- 2.7 -	- 3.3 -	- 4.6 -	- 4.7
GDP at basic prices	30.2	41.5	55.7	69.4	94.3	123.9	149.7	160.2	180.0	209.1	245.9	286.3	322.2	389.5	447.9	580.3
<i>Taxes on products</i>	3.6	4.5	5.3	8.4	12.6	15.5	20.9	26.3	27.6	29.3	32.3	33.9	36.4	41.2	46.1	57.7
GDP at purchaser prices	33.9	46.0	60.9	77.7	106.8	139.4	170.6	186.5	207.6	238.4	278.2	320.2	358.6	430.8	494.0	638.0

Source: Office of the Chief Government Statistician