QUARTERLY NATIONAL ACCOUNTS STATISTICS

FOURTH QUARTER, 2014

OFFICE OF THE CHIEF GOVERNMENT STATISTICIAN

ZANZIBAR

March, 2015

FOREWORD

The National Accounts presents a 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 publication includes a summary of National Accounts aggregates; a brief description of the Methodology; and the 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.

This publication is a collaborative effort of external experts and a team of National Accounts Section of Office of Chief Government Statistician led by Abdul R. Abeid, Director of Economic Statistics Section Khalid Chum, Fadhil A. Hassan, Bakari K. Makame, Faida S. Juma, Fahima M. Issa , Hamisa S. Faki and Suleiman A. Hamad. Other staff of the OCGS who have devoted much of their time in data collection, processing and compilation are highly acknowledged.

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.

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Part I – Background

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 13.5 percent, with revised levels increasing by 25.1 percent in 2007, down to 6.9 percent in 2009 and up again to 15.6 percent in 2012. The reasons and effects of the revisions are discussed in more detail in the revisions section of this issue.

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.

PART II – ANALYSIS OF RESULTS

Summary

The fourth quarter National Accounts estimate both current and constant prices for 2014 are analysed in this section. The analysis focuses on real growth at constant 2007 prices, unless stated otherwise.

Figure 1: GDP Growth Rates and Implicit Prices for Fourth Quarter 2008-2014

In fourth quarter 2014, the Zanzibar economy grew by 6.9 percent in current prices as compared with growth of 34.2 percent observed in same quarter 2013, also for constant prices the economy grew by 2.5 percent in fourth quarter 2014 as compared to growth of 11.6 percent observed for the same quarter in 2013. The GDP implicit price deflator for fourth quarter 2014 increased by 4.3 percent compared to 20.3 percent of the same quarter in 2013.

Table 1: Fourth Quarter Growth Rates by Sector 2008-2014 (Constant 2007 Prices)

Sector	2008	2009	2010	2011	2012	2013	2014
Agriculture	8.7%	-4.6%	8.2%	2.7%	-5.3%	17.1%	-2.9%
Industry	-5.1%	5.1%	-4.0%	26.1%	-0.9%	22.3%	0.9%
Services	11.5%	2.3%	7.4%	7.6%	0.0%	8.2%	12.4%
Taxes	-6.5%	23.8%	13.2%	18.3%	47.2%	1.6%	-18.8%

The Agriculture Sector gross value added (GVA) for the fourth quarter in 2014 decreased by 2.9 percent in constant 2007 prices as compared 17.1 percent growth of same quarter 2013. The decline was due to decrease in Crops production by 10.8 percent.

The industry sector GVA in fourth quarter 2014 increased slightly by 0.9 percent as compared to growth of 22.3 percent same quarter 2013. This was due to fall in construction activity by 11.4 percent while other activities under the sector showed significant increases.

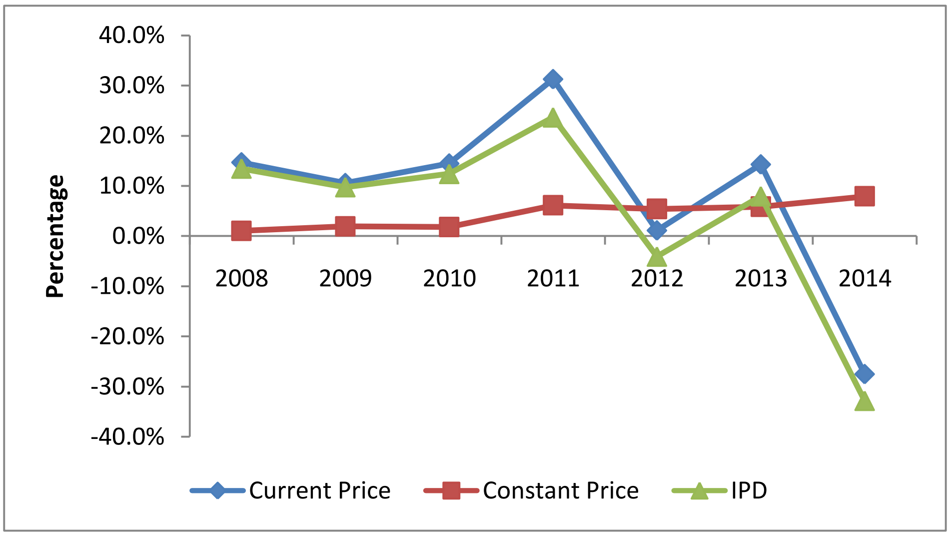
The Services Sector GVA in fourth quarter 2014 increased by 12.4 percent compared to an increase of 8.2 percent in the same quarter of previous quarter. The increase in the rate of Services Sector GVA in constant 2007 prices was due mainly to rise in Wholesale and Retail Trade (19.7 percent), Transport and Storage (19.0 percent), Financial and Insurance (18.1 percent) and Public Administration (15.8 percent).

Agricultural Sector

Figure 2: Fourth Quarter Crops GVA 2008 – 2014

The Crops GVA for 2014 fourth quarter decreased by 10.8 percent in real term compared to growth of 24.4 percent in 2013 due to decrease in crop production mainly cassava (8.0%), bananas (31.6%) and cloves (13.1%). In current prices, the quarterly GVA decreased by 2.8 percent in 2014 compared to growth of 37.3 percent in 2013. The implicit price deflator increased 8.9 percent in 2014 compared to 10.3 percent in the similar quarter of the previous year.

Figure 3: Fourth Quarter Livestock GVA 2008 – 2014



Livestock GVA increased by 7.9 percent in 2014 fourth quarter compared to an increase of 5.9 percent in the corresponding quarter of 2013, in real terms. The main contributor to the change was the increase in number of animals slaughtered namely cattle, goats and sheep. In current prices, the 2014 fourth quarter Livestock GVA decreased by 27.5 percent in 2014 compared to an increase of 14.3 percent in same quarter of 2013, with implicit price deflator decreasing 32.8 percent compared to 8.0 percent increase of the similar quarter in 2013.

Figure 4: Fourth Quarter Forestry GVA, 2008 – 2014

Forestry GVA increased by 4.1 percent for fourth quarter in 2014 compared to an increase of 3.6 percent of the corresponding quarter of 2013 in real terms. The main contributors to the change were increased production of charcoal and firewood, beams, poles, and logs. In current prices, Forestry GVA increased by 14.7 percent in 2014 fourth quarter compared to an increase of 15.8 percent the corresponding quarter in 2013, with implicit price deflator increasing 10.2 percent compared to 11.8 percent respectively in previous year.

Figure 5: Fourth Quarter Fishing GVA 2008-2014

Fishing GVA increased by 15.0 percent in 2014 fourth quarter compared to an increase of 8.8 percent in the same quarter of 2013 at constant 2007 prices. The main contributor to the change was the increase in quantity of marine fish catch by 13.7 percent, In current prices, Fishing GVA increased by 16.9 percent in 2014 compared to an increase of 1.7 percent in 2013 fourth quarter, with implicit price deflator increasing 1.6 percent compared to decrease of 6.5 percent for the previous year.

Industry Sector

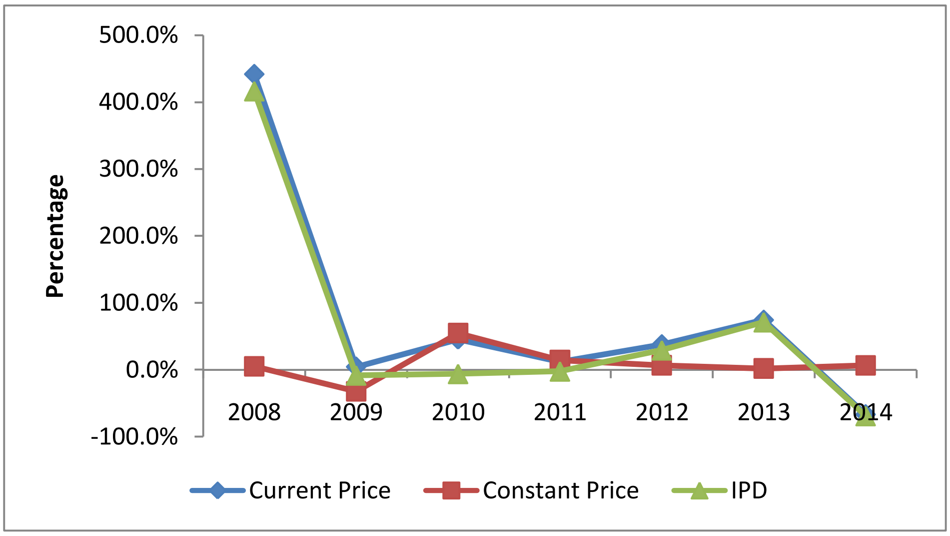
Figure 6: Fourth Quarter Mining and Quarrying GVA 2008-2014

The GVA for Mining and quarrying increased by 17.4 percent in fourth quarter of 2014 compared to decline of 0.9 percent in the corresponding quarter of 2013 in real terms. The main contributor to the change was the increase in sand production, by 13.3 percent. There was also a decrease in the production of stones and gravels by 0.7 and 10.9 percent respectively. In current prices, the GVA for Mining and quarrying increased by 24.0 percent in 2014 compared to an increase of the 10.2 percent in 2013, with the implicit price deflator increasing 5.6 percent compared to 11.3 percent the similar quarter in 2013.

Figure 7: Fourth Quarter Manufacturing GVA 2008-2014

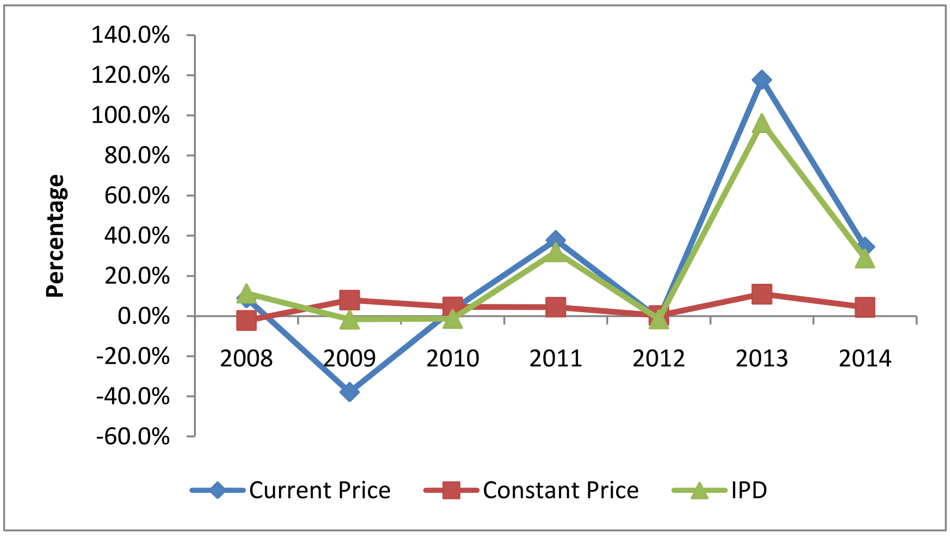
Manufacturing GVA increased by 12.4 percent in fourth quarter of 2014 compared to an increase of 10.9 percent in the same quarter of 2013 at constant 2007 prices. The main reason for this increase in growth rate was a rise in production of beverage and soft drinks (30.7 percent) and mineral water (17.3 percent). These increases were partly offset by decrease of 27.1 percent in production of wheat flour. In current prices, Manufacturing GVA increased by 13.2 percent in 2014 compared to an increase of 10.7 percent in 2013, with the implicit price deflator increasing 0.8 percent compared to decrease of 0.2 percent in the previous year.

Figure 8: Fourth Quarter Electricity Supply GVA 2008-2014



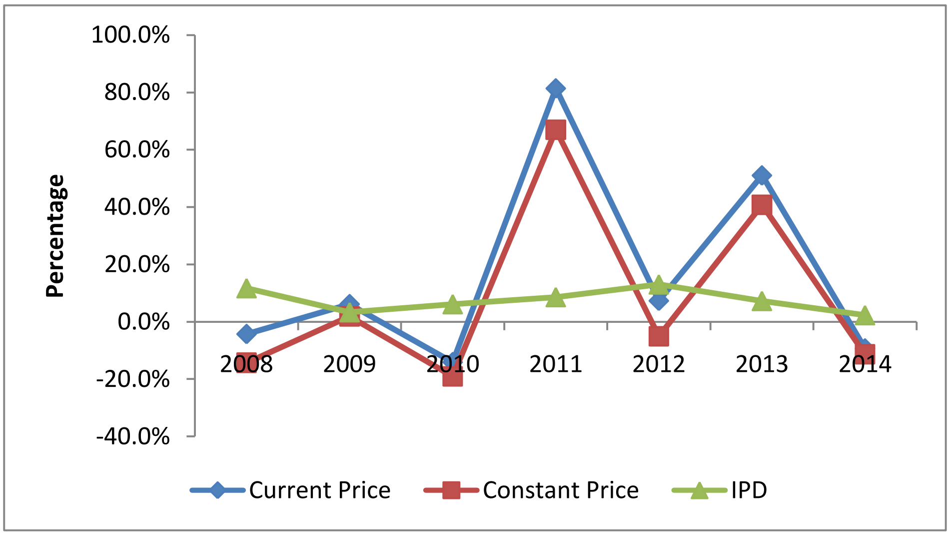
The GVA for Electricity supply increased by 6.5 percent in fourth quarter of 2014 compared to an increase of 1.9 percent in the corresponding quarter of 2013 in real terms. In current prices, the GVA for Electricity supply decreased by 66.9 percent in 2014 compared to an increase of 74.3 percent in the corresponding quarter of 2013, with the implicit price deflator decrease by 68.9 percent compared to an increase of 71.1 percent of the similar quarter of 2013.

Figure 9: Fourth Quarter Water Supply, Sewerage and Waste Management GVA 2008-2014



The GVA for Water supply, sewerage and waste management increased by 4.4 percent in fourth quarter of 2014 compared to an increase of 10.9 percent in similar quarter, 2013 in real terms. In current prices, the GVA increased by 34.4 percent in fourth quarter of 2014 compared to an increase of 117.7 percent in the same quarter in 2013, with implicit price deflator increasing 28.8 percent compared to an increase 96.3 percent the previous quarter 2013.

Figure 10: Fourth Quarter Construction GVA 2008-2014

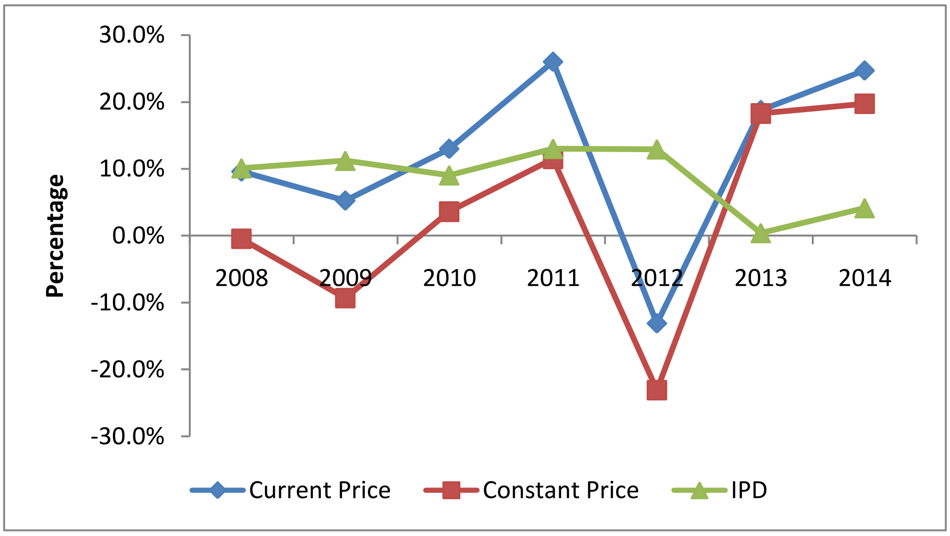


Construction GVA decline by 11.4 percent in fourth quarter of 2014 compared to a increase of 40.8 percent in corresponding quarter in 2013 in real terms. In current prices, the GVA decrease of 9.3 percent in fourth quarter of 2014 compared to a increase of 51.0 percent in same quarter of 2013, with implicit price deflator increasing 2.3 percent in fourth quarter compared to 7.3 percent the previous quarter, 2013.

Services Sector

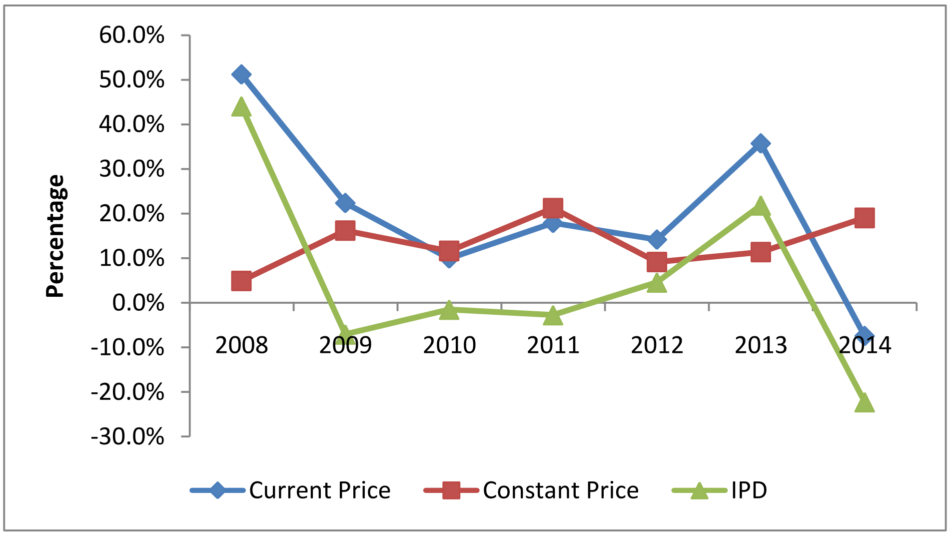
The Services Sector GVA in fourth quarter 2014 increased by 12.4 percent in constant 2007 prices, compared to an increase of 8.2 percent in the previous quarter. The increasing of the rate of Services Sector GVA in constant 2007 prices was contributed highly by rise in Wholesale and Retail Trade (19.8 percent), Transport and Storage (19.0 percent), Financial and Insurance (18.1 percent) and Public Administration (15.8 percent).

Figure 11: Fourth Quarter Trade and Repairs GVA 2008-2014



Trade and repairs GVA increased by 19.7 percent in fourth quarter of 2014 compared to an increase of 18.3 percent in the corresponding quarter of 2013 in real terms. In current prices, the GVA increased by 24.7 percent in 2014 an increase of 19.0 percent in 2013, with the implicit price deflator increased by 4.1 percent compared to increase of 0.4 percent in the previous quarter.

Figure 12: Fourth Quarter Transport and Storage GVA 2008-2014

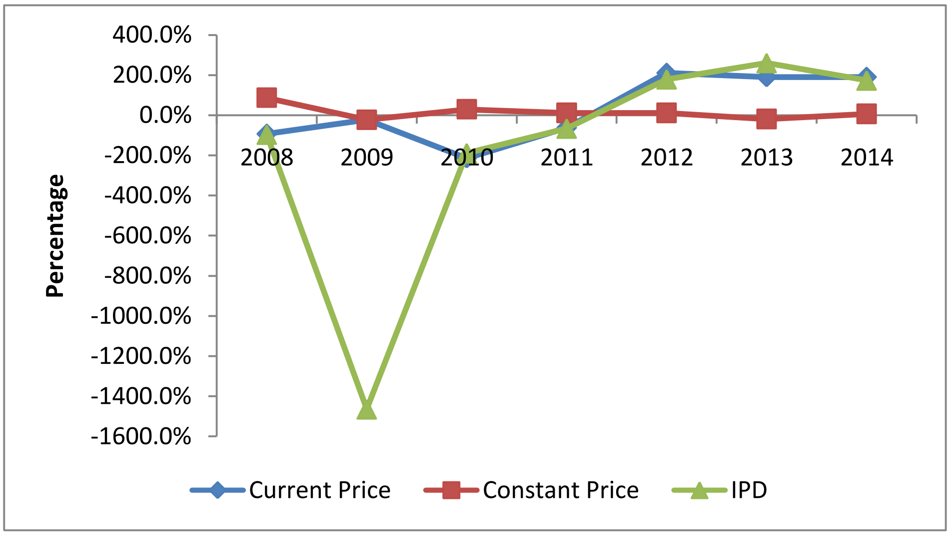


The GVA for Transport and storage increased by 19.0 percent in fourth quarter of 2014 compared to an increase of 11.4 percent in the corresponding quarter of 2013 in real terms. The main causes were increases in GVAs of land transport, water transport and air and transport by 10.4 percent, 17.8 percent and 67.6 percent respectively. In current prices, the GVA declined of 7.5 percent in fourth quarter of 2014 compared to increase of 35.7 percent in 2013, with the implicit price deflator decreasing 22.2 percent compared to increase of 21.9 percent in the previous quarter of 2013.

Figure 13: Fourth Quarter Accommodation and Food Services GVA 2008-2014

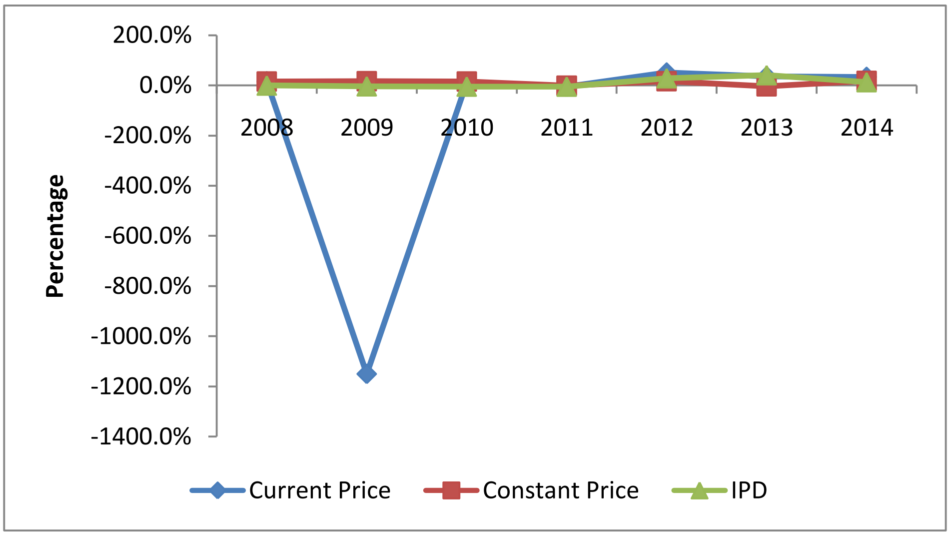
The GVA for Accommodation and food services increased by 4.8 percent in fourth quarter of 2014 compared to an increase of 24.6 percent in the corresponding quarter of 2013 in real terms, reflecting the 7.1 percent increase in tourist arrivals. In current prices, the GVA increased by 10.0 percent in fourth quarter of 2014 compared to a increase of 36.9 percent in the same quarter of 2013, with the implicit price deflator increasing 5.0 percent compared to 9.9 percent in the same quarter the previous year.

Figure 14: Fourth Quarter Information and Communication GVA 2008-2014



The GVA for Information and communication increased of 6.3 percent in fourth quarter of 2014 compared to decrease of 19.4 percent in the corresponding quarter of 2013, In current prices, the GVA increased by 190.7 percent in fourth quarter of 2014 compared to an increase of 190.3 percent in 2013, due to significant increases in the implicit price deflator 173.4 percent in fourth quarter of 2014 and 260.3 percent in the previous quarter of 2013.

Figure 15: Fourth Quarter Financial and Insurance Activities GVA 2008-2014

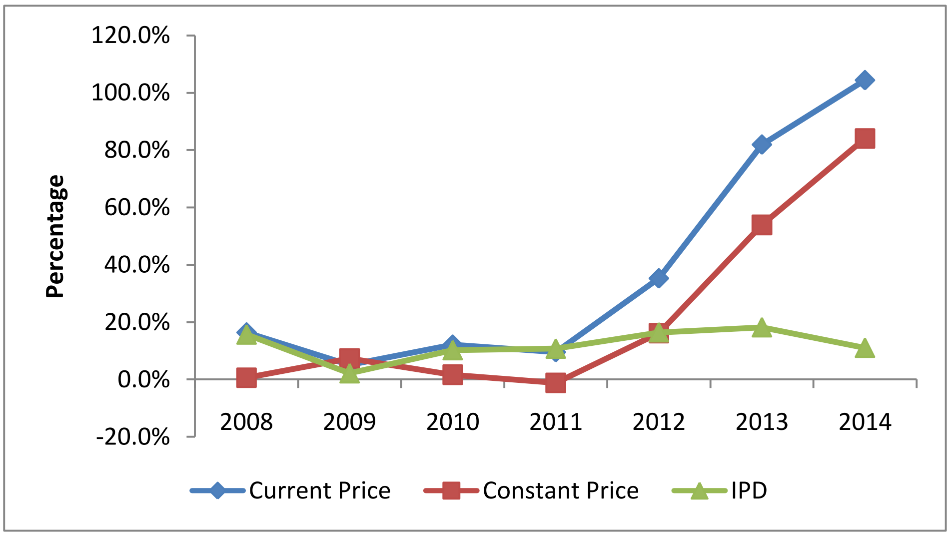


The GVA for Financial and insurance activities increased 18.1 percent in fourth quarter of 2014 compared to a decline of 3.6 percent in the corresponding quarter of 2013. The growth in 2014 reflects a volume increase of financial services for deposits and loans by 31.0 percent and 4.9 percent respectively. In current prices, the increased by 33.4 percent in fourth quarter of 2014 compared to an increase of 35.6 percent in 2013, due to significant increases in the implicit price deflator 13.0 percent in fourth quarter of 2014 and 40.7 percent in the previous quarter of 2013.

Figure 16: Fourth Quarter Real Estate Activities GVA 2008-2014

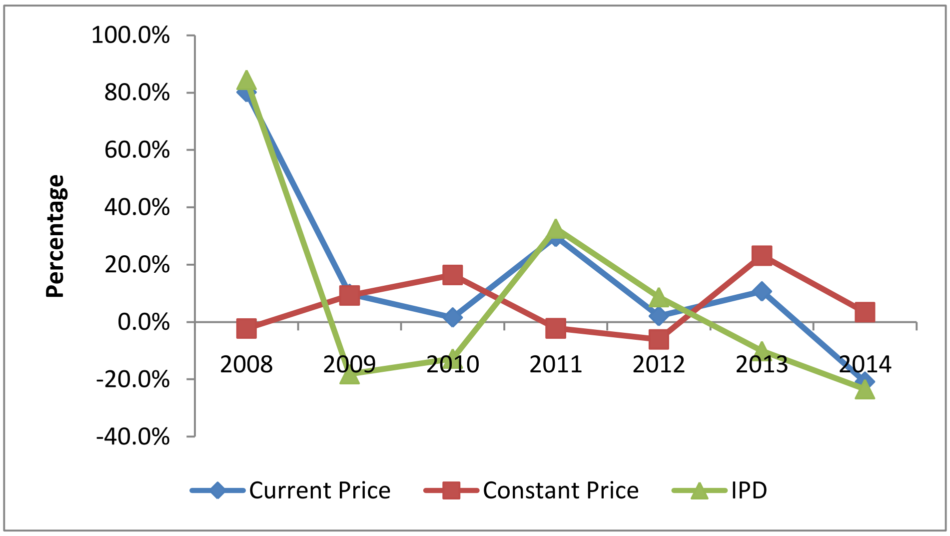
The Real estate GVA increased 6.8 percent in fourth quarter of 2014 compared to an increase of 6.7 percent in the same quarter of 2013. The current price GVA increased by 18.2 percent in fourth quarter of 2014 compared to an increase of 45.7 percent in 2013, due to significant increases in the implicit price deflator 10.7 percent and 36.5 percent in fourth quarter of 2014 and 2013 respectively; reflecting substantial increases in dwelling rents.

Figure 17: Fourth Quarter Professional, Scientific and Technical Activities GVA 2008-2014



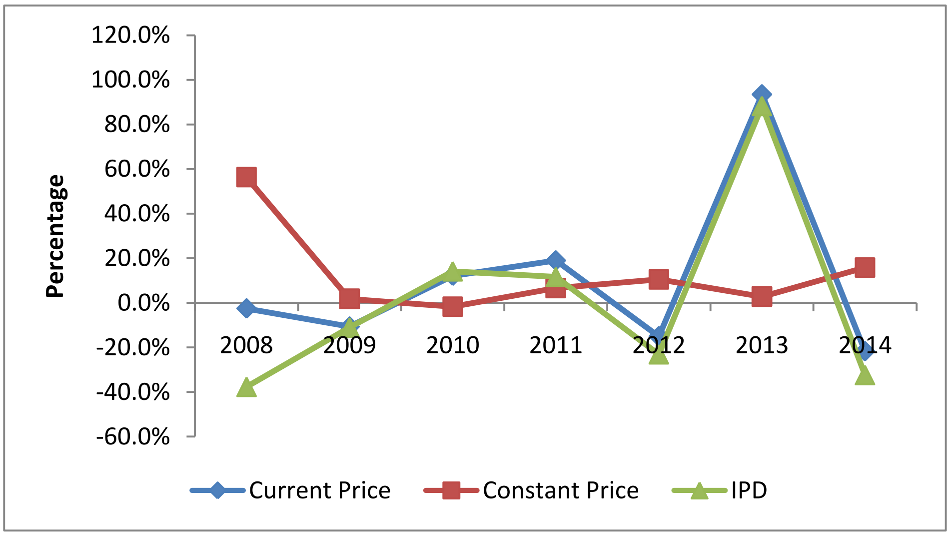
The GVA for Professional, scientific and technical activities increased 84.0 percent in fourth quarter of 2014 compared to an increase of 53.9 percent in the corresponding quarter of 2013, reflecting the volatility in this small industry. In current prices, the GVA inclined by 104.4 percent in fourth quarter of 2014 compared to an increase of 82.0 percent in 2013, due mainly to significant increases in the implicit price deflator 11.1 percent and 18.2 percent in fourth quarter of 2014 and 2013 respectively.

Figure 18: Fourth Quarter Administrative and Support Services GVA 2008-2014



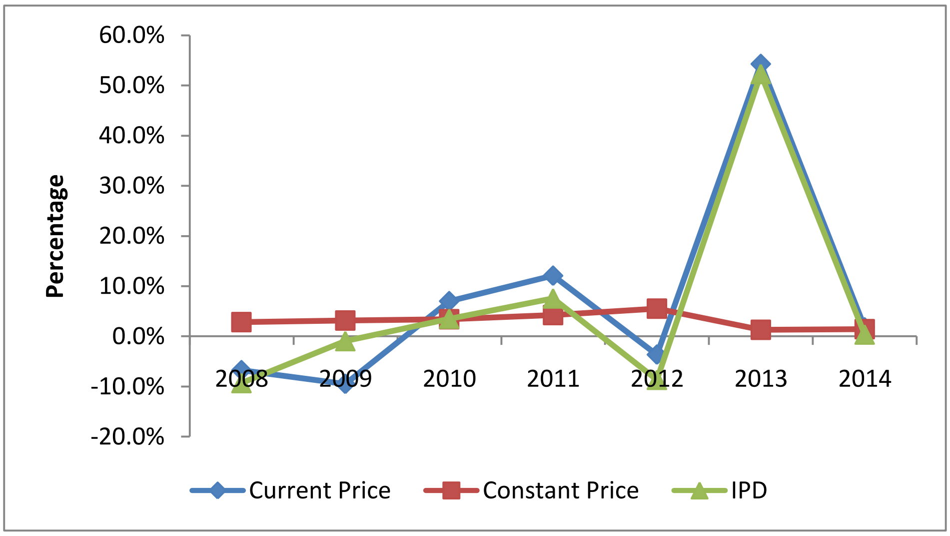
The GVA for Administrative and support services increased 3.4 percent in fourth quarter of 2014 compared to an increase of 23.1 percent in the corresponding quarter of 2013. In current prices, the GVA only decreased by 20.9 percent in fourth quarter of 2014 compared to an increase of 10.6 percent in 2013, due to the very high decrease in the implicit price deflator of 23.5 percent in 2014 compared to decrease of 10.1 percent in the previous quarter of 2013.

Figure 19: Fourth Quarter Public Administration GVA 2008 - 2014



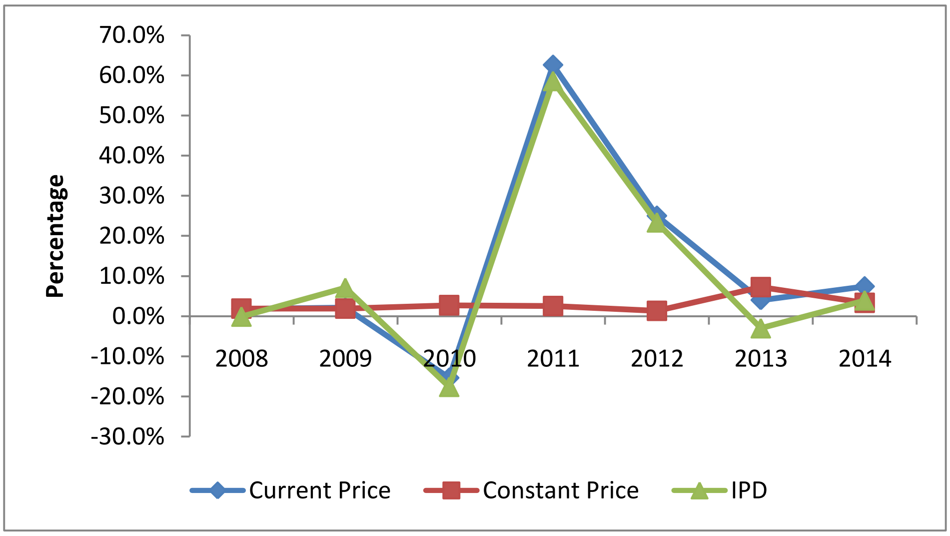
The GVA for Public administration increased 15.8 percent in fourth quarter 2014 compared to an increase of 2.7 percent in the same quarter of 2013. In current prices, the GVA declined of 21.7 percent in fourth quarter 2014 compared to a incline of 93.5 percent of the same quarter 2013, the implicit price deflator decreased by 32.3 percent in 2014 fourth quarter compared to incline of 88.3 percent in the same quarter of previous year as a result of the public service salary increases.

Figure 20: Fourth Quarter Education GVA 2008 - 2014



Education GVA increased 1.4 percent in fourth quarter 2014 compared to a an increase of 1.3 percent of the same quarter of 2013. In current prices, the GVA increased by 1.8 percent in third quarter 2014 compared to an increase of 54.3 percent in the same quarter 2013, due to increase in the implicit price deflator of 0.4 percent in fourth quarter 2014 compared to 52.3 percent in the same quarter previous year; mainly due to public service salary increases.

Figure 21: Fourth Quarter Human Health and Social Work GVA 2008 – 2014

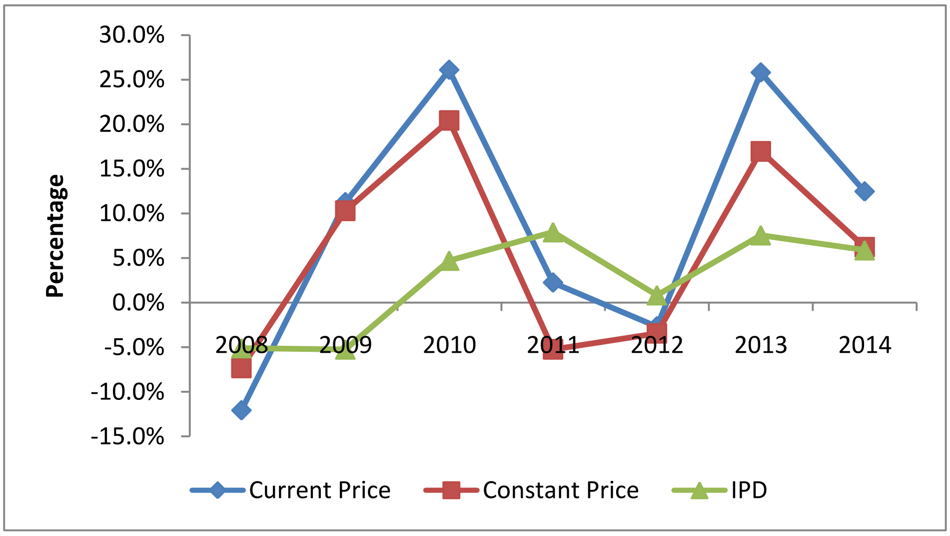


The GVA for Human health and social work increased 3.3 percent in fourth quarter 2014 compared to an increase of 7.2 percent in the same quarter of 2013. In current prices, the GVA inclined by 7.4 percent in fourth quarter 2014 compared to a growth of 4.0 percent observed in the same quarter 2013. The implicit price deflator increased by 4.0 percent in fourth quarter 2014 compared to the decrease of 3.0 percent for the same quarter in the previous year.

Figure 22: Fourth Quarter Arts, Entertainment and Recreation GVA 2008 – 2014

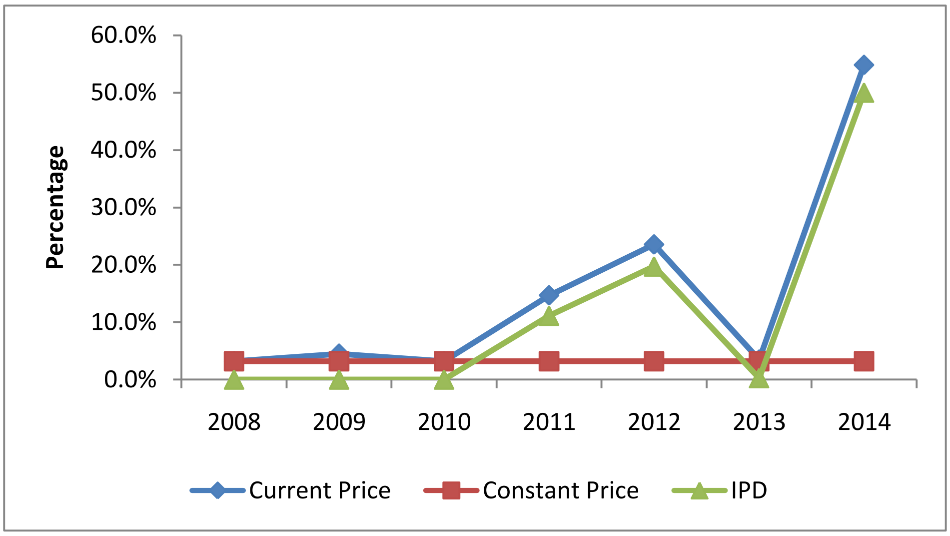
The GVA for Arts, entertainment and recreation increased by 6.9 percent in fourth quarter 2014 compared to an increase of 20.0 percent in the same quarter of 2013. In current prices, the GVA increased by 3.8 percent in fourth quarter 2014 compared to a increase of 15.5 percent in same quarter 2013, due to a decrease in the implicit price deflator of 2.8 percent in fourth 2014 compared to the decrease of 3.8 percent in the same quarter previous year as a result of the increased prices of recreational and sporting activities.

Figure 23: Fourth Quarter Other Service Activities GVA 2008 – 2014



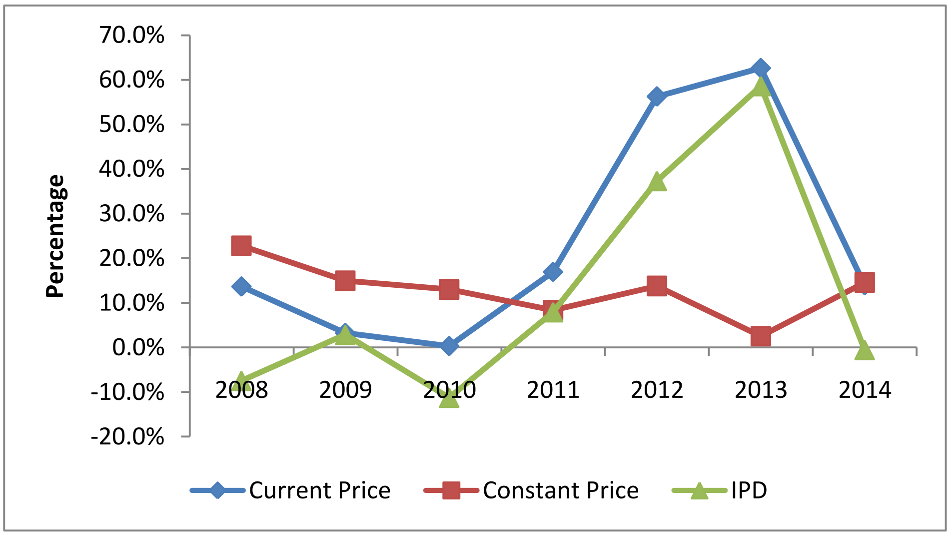
The GVA for other service activities increased by 6.2 percent in fourth quarter 2014 compared to an increase of 17.0 percent in the same quarter of 2013. In current prices, the GVA increased by 12.5 percent in fourth quarter 2014 compared to an increase of 25.8 percent in the same quarter 2013, reflecting volume changes and an increase in the implicit price deflator of 5.9 percent in fourth quarter 2013 as a result of the input prices increasing higher than output prices compared to an increase of 7.6 percent in the same quarter previous year.

Figure 24: Fourth Quarter Domestic Services GVA 2008 – 2014



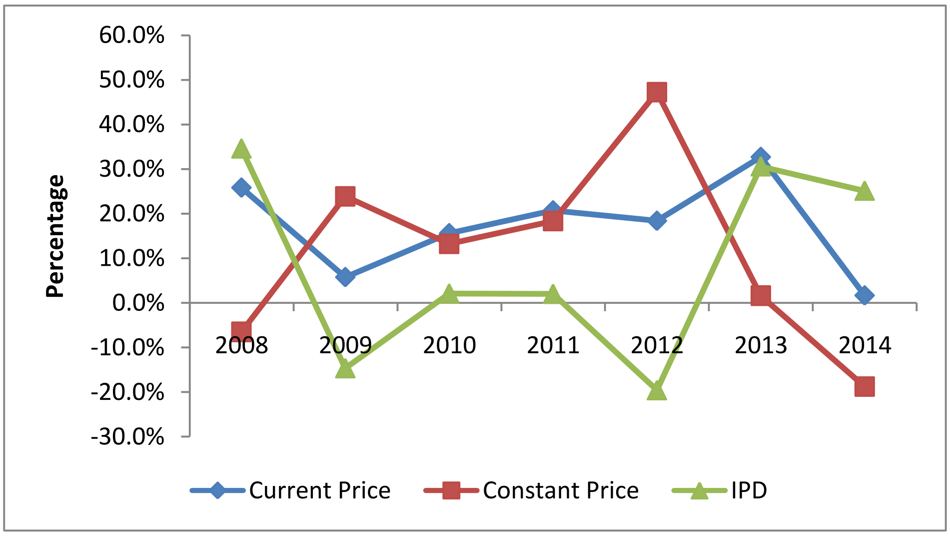
The GVA for Domestic services increased 3.2 percent in fourth quarter 2014 as was observed in same quarter of 2013. In current prices, the GVA increased by 54.8 percent in fourth quarter 2014 compared to an increase of 3.5 percent of the same quarter in 2013, an increase in the implicit price deflator of 50.0 percent in fourth 2014 compared to an increase of 0.3 percent in the same quarter previous year.

Figure 25: Fourth Quarter Unallocated FISIM 2008 – 2014



Unallocated FISIM increased 14.6 percent in fourth quarter 2014 compared to an increase of 2.5 percent in the same quarter of 2013. The growth in fourth quarter 2014 reflects a volume increase in the stock of deposits and loans by 31.0 and 4.9 percent respectively. In current prices, the unallocated FISIM increased by 14.0 percent in fourth quarter 2014 compared to an increase of 62.6 percent in the same quarter 2013. The implicit price deflator declined of 0.5 percent in fourth quarter 2014 as compared to an increase of 58.6 percent in the same quarter previous year.

Figure 26: Fourth Quarter Taxes less Subsidies on Products 2008 – 2014



Taxes less subsidies on products decreased by 18.7 percent in fourth quarter 2014 compared to an incline of 1.6 percent in the same quarter of 2013. In current prices, Taxes less subsidies on products increased by 1.7 percent in fourth quarter 2014 compared to an incline of 32.7 percent in the same quarter 2013, with the implicit price deflator increasing 25.1 percent in fourth quarter 2014 as compared to an incline of 30.6 percent for the same quarter previous year.

PART III – ANNEXES

Table 2.1: Fourth Quarter GDP by Economic Activity: at Current Prices in Millions of Shillings

	2007	2008	2009	2010	2011	2012	2013	2014
Crops	32,657.4	42,408.8	46,882.0	54,340.6	91,645.1	106,871.0	146,744.2	142,542.3
Livestock	7,021.6	8,052.0	9,009.3	10,310.6	13,534.0	13,684.1	15,637.2	11,332.4
Forestry	5,501.1	6,169.5	7,241.6	8,004.0	10,851.3	11,797.2	13,657.0	15,658.5
Fishing	11,610.8	10,899.4	13,008.9	20,525.9	26,001.2	28,481.2	28,977.4	33,874.1
Mining and quarrying	2,246.6	3,489.6	3,826.5	4,295.4	6,440.0	6,988.4	7,703.5	9,552.5
Manufac-turing	18,633.2	19,680.7	20,518.9	20,259.1	24,726.3	29,842.5	33,039.1	37,412.6
Electricity supply	227.9	1,234.9	766.8	1,114.0	1,246.0	1,715.8	2,991.1	990.0
Water supply	913.8	994.7	1,055.7	1,089.5	1,500.7	1,481.4	3,224.3	4,334.8
Construction	17,036.4	16,305.9	17,158.5	14,739.2	26,728.1	28,681.4	43,309.7	39,271.4
Wholesale and retail trade	23,152.9	25,373.4	25,592.2	28,914.1	36,431.0	31,648.7	37,587.1	46,866.2
Accommodation and food services	18,628.6	19,597.7	23,977.9	27,768.7	34,337.0	33,970.8	46,517.0	51,152.5
Transport and Storage	7,372.8	11,145.0	12,032.7	13,227.7	15,592.4	17,798.6	24,153.7	22,354.2
Information and Communication	4,009.3	280.6	(2,945.9)	3,367.6	1,268.7	3,942.6	11,444.4	33,271.8
Financial and Insurance	6,292.5	7,276.7	8,224.4	9,105.2	8,570.4	12,922.0	17,528.1	23,385.4
Real Estate	10,867.2	13,886.6	14,598.8	15,543.2	19,841.5	21,890.4	31,891.5	37,691.9
Professional, Scientific & Technical	333.0	387.7	425.5	477.2	522.8	707.3	1,286.9	2,630.9
Administrative & Support	1,469.1	2,647.1	2,365.1	2,401.3	3,113.3	3,176.4	3,514.5	2,780.7
Public admi-nistration	17,781.8	17,336.0	15,692.2	17,600.8	20,943.4	17,797.6	34,430.9	26,968.6
Education	6,206.4	5,787.7	5,911.8	6,326.2	7,090.7	6,832.8	10,541.1	10,728.1
Human Health & Social work	2,514.5	2,560.0	2,792.0	2,363.8	3,842.6	4,803.1	4,996.9	5,367.5
Arts, Entertainment & Recreation	802.4	694.4	772.5	1,388.9	2,044.5	2,059.0	2,377.4	2,468.6
Other services	1,365.0	1,200.4	1,254.5	1,581.6	1,617.2	1,574.2	1,980.1	2,226.8
Households as employers	261.0	269.4	278.1	287.0	329.1	406.5	420.6	651.2
FISIM	-1470.8	-1671.2	-1976.2	-1981.9	-2317.0	-3620.5	-5887.8	-6709.6
All indust. at basic prices	195,434.5	216,006.9	228,463.8	263,049.5	355,900.3	385,452.7	518,066.1	556,803.4
Taxes on products	19,465.4	24,492.7	25,887.9	29,927.5	36,127.1	42,772.0	56,756.5	57,700.7
GDP at market prices	**214,899.8**	**240,499.6**	**254,351.7**	**292,977.1**	**392,027.4**	**428,224.7**	**574,822.6**	**614,504.1**

Table 2.2: Fourth Quarter GDP by Economic Activity: at Constant Prices in Millions of Shillings

	2007	2008	2009	2010	2011	2012	2013	2014
Crops	32,693.9	36,214.5	36,268.2	38,659.2	36,828.0	34,995.7	43,552.3	38,857.8
Livestock	6,074.0	6,137.7	6,256.1	6,368.8	6,758.6	7,123.6	7,540.6	8,137.0
Forestry	5,341.1	5,523.9	5,705.9	5,905.0	6,144.7	6,367.8	6,594.1	6,862.5
Fishing	10,374.8	11,368.3	8,283.5	10,188.9	13,068.6	10,976.6	11,947.4	13,740.4
Mining and quarrying	2,177.1	2,791.1	2,933.5	3,129.7	4,247.4	4,128.9	4,090.8	4,804.2
Manufac-turing	16,300.9	16,198.1	17,729.9	18,534.6	18,564.3	19,239.5	21,333.7	23,973.1
Electricity supply	650.4	682.7	462.4	715.2	819.0	873.0	889.4	947.6
Water supply	856.0	837.0	903.5	945.1	987.0	989.6	1,097.7	1,145.7
Construction	16,602.9	14,223.8	14,487.7	11,726.3	19,578.4	18,583.9	26,163.0	23,191.9
Wholesale and retail trade	22,021.3	21,922.2	19,883.1	20,601.1	22,972.1	17,673.8	20,903.4	25,028.0
Accommodation and food services	17,744.6	15,199.1	17,686.4	19,413.0	20,537.9	18,951.1	23,603.9	24,726.4
Transport and Storage	7,140.5	7,491.2	8,703.0	9,713.1	11,772.0	12,848.8	14,309.5	17,030.8
Information and Communication	4,365.9	8,157.6	6,278.1	8,115.7	9,019.5	10,035.7	8,085.9	8,596.8
Financial and Insurance	6,300.9	7,317.0	8,564.3	9,939.9	9,832.9	11,520.9	11,104.4	13,113.7
Real Estate	10,429.8	11,078.9	11,780.7	12,539.1	13,358.7	14,244.2	15,200.8	16,234.0
Professional, Scientific & Technical	325.8	327.8	351.9	358.0	354.0	411.2	632.9	1,164.4
Administrative & Support	1,426.8	1,393.2	1,521.8	1,771.7	1,731.9	1,626.0	2,002.0	2,069.2
Public admi-nistration	13,748.2	21,487.8	21,864.1	21,479.1	22,895.1	25,279.3	25,971.7	30,064.2
Education	4,994.7	5,135.8	5,296.2	5,475.6	5,706.2	6,020.5	6,098.2	6,183.8
Human Health & Social work	2,195.8	2,237.6	2,279.2	2,341.2	2,400.2	2,431.9	2,608.1	2,695.1
Arts, Entertainment & Recreation	777.7	704.2	789.4	981.0	915.5	872.4	1,046.9	1,118.8
Other services	1,353.8	1,254.6	1,383.9	1,666.5	1,579.3	1,524.7	1,783.2	1,894.2
Households as employers	261.0	269.4	278.1	287.0	296.2	305.7	315.5	325.6
FISIM	-1560.4	-1916.4	-2203.0	-2489.5	-2697.1	-3069.0	-3147.1	-3605.9
All indust. at basic prices	182,597.5	196,037.1	197,487.9	208,365.1	227,670.1	223,955.8	253,728.2	268,299.1
Taxes on products	16,639.7	15,553.0	19,259.5	21,806.3	25,800.6	37,980.7	38,588.1	31,346.0
GDP at market prices	**199,237.1**	**211,590.1**	**216,747.5**	**230,171.4**	**253,470.7**	**261,936.5**	**292,316.4**	**299,645.1**

Table 2.3: Fourth Quarter GDP by Economic Activity: at Current Prices –Percentage Growth

	2008	2009	2010	2011	2012	2013	2014
Crops	29.9%	0.1%	15.9%	68.6%	16.6%	37.3%	-2.9%
Livestock	14.7%	10.5%	14.4%	31.3%	1.1%	14.3%	-27.5%
Forestry	12.1%	11.9%	10.5%	35.6%	8.7%	15.8%	14.7%
Fishing	-6.1%	17.4%	57.8%	26.7%	9.5%	1.7%	16.9%
Mining and quarrying	55.3%	19.4%	12.3%	49.9%	8.5%	10.2%	24.0%
Manufac-turing	5.6%	9.7%	-1.3%	22.1%	20.7%	10.7%	13.2%
Electricity supply	441.8%	4.3%	45.3%	11.8%	37.7%	74.3%	-66.9%
Water supply	8.9%	-37.9%	3.2%	37.7%	-1.3%	117.7%	34.4%
Construction	-4.3%	6.1%	-14.1%	81.3%	7.3%	51.0%	-9.3%
Wholesale and retail trade	9.6%	5.2%	13.0%	26.0%	-13.1%	18.8%	24.7%
Accommodation and food services	5.2%	0.9%	15.8%	23.7%	-1.1%	36.9%	10.0%
Transport and Storage	51.2%	22.4%	9.9%	17.9%	14.1%	35.7%	-7.5%
Information and Communication	-93.0%	-23.0%	-214.3%	-62.3%	210.7%	190.3%	190.7%
Financial and Insurance	15.6%	-1150.0%	10.7%	-5.9%	50.8%	35.6%	33.4%
Real Estate	27.8%	13.0%	6.5%	27.7%	10.3%	45.7%	18.2%
Professional, Scientific & Technical	16.4%	5.1%	12.1%	9.6%	35.3%	82.0%	104.4%
Administrative & Support	80.2%	9.7%	1.5%	29.7%	2.0%	10.6%	-20.9%
Public admi-nistration	-2.5%	-10.7%	12.2%	19.0%	-15.0%	93.5%	-21.7%
Education	-6.7%	-9.5%	7.0%	12.1%	-3.6%	54.3%	1.8%
Human Health & Social work	1.8%	2.1%	-15.3%	62.6%	25.0%	4.0%	7.4%
Arts, Entertainment & Recreation	-13.5%	9.1%	79.8%	47.2%	0.7%	15.5%	3.8%
Other services	-12.1%	11.2%	26.1%	2.3%	-2.7%	25.8%	12.5%
Households as employers	3.2%	4.5%	3.2%	14.7%	23.5%	3.5%	54.8%
FISIM	13.6%	3.2%	0.3%	16.9%	56.3%	62.6%	14.0%
All indust. at basic prices	10.5%	18.2%	15.1%	35.3%	8.3%	34.4%	7.5%
Taxes on products	25.8%	5.8%	15.6%	20.7%	18.4%	32.7%	1.7%
GDP at market prices	**11.9%**	**5.7%**	**15.2%**	**33.8%**	**9.2%**	**34.2%**	**6.9%**

Table 2.4: Fourth Quarter GDP by Economic Activity: at Constant Prices –Percentage Growth

	2008	2009	2010	2011	2012	2013	2014
Crops	10.8%	0.1%	6.6%	-4.7%	-5.0%	24.5%	-10.8%
Livestock	1.0%	1.9%	1.8%	6.1%	5.4%	5.9%	7.9%
Forestry	3.4%	3.3%	3.5%	4.1%	3.6%	3.6%	4.1%
Fishing	9.6%	-27.1%	23.0%	28.3%	-16.0%	8.8%	15.0%
Mining and quarrying	28.2%	5.1%	6.7%	35.7%	-2.8%	-0.9%	17.4%
Manufac-turing	-0.6%	9.5%	4.5%	0.2%	3.6%	10.9%	12.4%
Electricity supply	5.0%	-32.3%	54.7%	14.5%	6.6%	1.9%	6.5%
Water supply	-2.2%	8.0%	4.6%	4.4%	0.3%	10.9%	4.4%
Construction	-14.3%	1.9%	-19.1%	67.0%	-5.1%	40.8%	-11.4%
Wholesale and retail trade	-0.5%	-9.3%	3.6%	11.5%	-23.1%	18.3%	19.7%
Accommodation and food services	-14.3%	16.4%	9.8%	5.8%	-7.7%	24.6%	4.8%
Transport and Storage	4.9%	16.2%	11.6%	21.2%	9.1%	11.4%	19.0%
Information and Communication	86.8%	-23.0%	29.3%	11.1%	11.3%	-19.4%	6.3%
Financial and Insurance	16.1%	17.0%	16.1%	-1.1%	17.2%	-3.6%	18.1%
Real Estate	6.2%	6.3%	6.4%	6.5%	6.6%	6.7%	6.8%
Professional, Scientific & Technical	0.6%	7.4%	1.7%	-1.1%	16.2%	53.9%	84.0%
Administrative & Support	-2.4%	9.2%	16.4%	-2.2%	-6.1%	23.1%	3.4%
Public admi-nistration	56.3%	1.8%	-1.8%	6.6%	10.4%	2.7%	15.8%
Education	2.8%	3.1%	3.4%	4.2%	5.5%	1.3%	1.4%
Human Health & Social work	1.9%	1.9%	2.7%	2.5%	1.3%	7.2%	3.3%
Arts, Entertainment & Recreation	-9.4%	12.1%	24.3%	-6.7%	-4.7%	20.0%	6.9%
Other services	-7.3%	10.3%	20.4%	-5.2%	-3.5%	17.0%	6.2%
Households as employers	3.2%	3.2%	3.2%	3.2%	3.2%	3.2%	3.2%
FISIM	22.8%	15.0%	13.0%	8.3%	13.8%	2.5%	14.6%
All indust. at basic prices	7.4%	0.7%	5.5%	9.3%	-1.6%	13.3%	5.7%
Taxes on products	-6.5%	23.8%	13.2%	18.3%	47.2%	1.6%	-18.8%
GDP at market prices	**6.2%**	**2.4%**	**6.2%**	**10.1%**	**3.3%**	**11.6%**	**2.5%**

Table 2.4: Fourth Quarter GDP by Economic Activity: Implied Price Deflators (IPDS) for GVA

	2007	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**
Crops	99.9	117.1	129.3	140.6	248.8	305.4	336.9	366.8
Livestock	115.6	131.2	144.0	161.9	200.3	192.1	207.4	139.3
Forestry	103.0	111.7	126.9	135.5	176.6	185.3	207.1	228.2
Fishing	111.9	95.9	157.0	201.5	199.0	259.5	242.5	246.5
Mining and quarrying	103.2	125.0	130.4	137.2	151.6	169.3	188.3	198.8
Manufac-turing	114.3	121.5	115.7	109.3	133.2	155.1	154.9	156.1
Electricity supply	35.0	180.9	165.8	155.8	152.1	196.5	336.3	104.5
Water supply	106.8	118.8	116.8	115.3	152.0	149.7	293.7	378.4
Construction	102.6	114.6	118.4	125.7	136.5	154.3	165.5	169.3
Wholesale and retail trade	105.1	115.7	128.7	140.4	158.6	179.1	179.8	187.3
Accommodation and food services	105.0	128.9	135.6	143.0	167.2	179.3	197.1	206.9
Transport and Storage	103.3	148.8	138.3	136.2	132.5	138.5	168.8	131.3
Information and Communication	91.8	3.4	-46.9	41.5	14.1	39.3	141.5	387.0
Financial and Insurance	99.9	99.5	96.0	91.6	87.2	112.2	157.8	178.3
Real Estate	104.2	125.3	123.9	124.0	148.5	153.7	209.8	232.2
Professional, Scientific & Technical	102.2	118.3	120.9	133.3	147.7	172.0	203.3	225.9
Administrative & Support	103.0	190.0	155.4	135.5	179.8	195.3	175.6	134.4
Public administration	129.3	80.7	71.8	81.9	91.5	70.4	132.6	89.7
Education	124.3	112.7	111.6	115.5	124.3	113.5	172.9	173.5
Human Health & Social work	114.5	114.4	122.5	101.0	160.1	197.5	191.6	199.2
Arts, Entertainment & Recreation	103.2	98.6	97.9	141.6	223.3	236.0	227.1	220.7
Other services	100.8	95.7	90.6	94.9	102.4	103.2	111.0	117.6
Households as employers (Domestic)	100.0	100.0	100.0	100.0	111.1	133.0	133.3	200.0
FISIM	94.3	87.2	89.7	79.6	85.9	118.0	187.1	186.1
All indust. at basic prices	107.0	110.2	115.7	126.2	156.3	172.1	204.2	207.5
Taxes on products	117.0	157.5	134.4	137.2	140.0	112.6	147.1	184.1
GDP at market prices	**107.9**	**113.7**	**117.3**	**127.3**	**154.7**	**163.5**	**196.6**	**205.1**