REVISED QUARTERLY NATIONAL ACCOUNTS

ZANZIBAR

2008-2014

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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.

The World Bank through the 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. The EAST AFRITAC Macroeconomic Statistics Advisor, Mr. Zia A. Abbasi, and IMF Consultant, Mrs. Pamela Audi, both deserve a 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, Fahima M. Issa , Hamisa S. Faki 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.

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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.

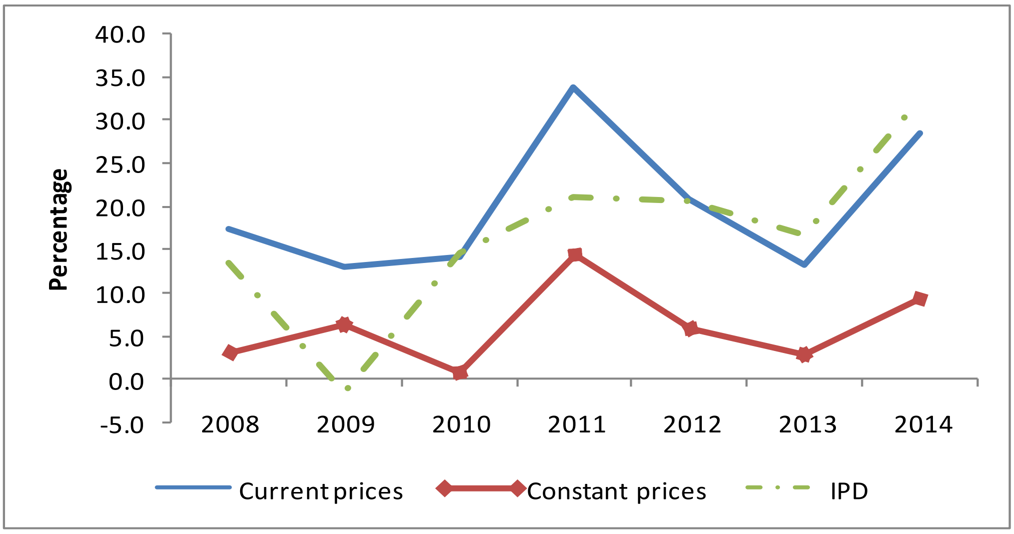
The compilation methodology for producing annual estimates has also been significantly improved by implementing a number of recommendations of the System of National Accounts 1993 and 2008. The changes include implementing the work-in-progress methodology for agriculture and construction; compiling estimates 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 third quarter National Accounts estimate both current and constant prices for 2014 are analysed in this section of the bulletin. The analysis focuses on real growth at constant 2007 prices, unless stated otherwise.

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



In third quarter 2014, the Zanzibar economy grew by 28.6 percent in current prices as compared with growth of 13.2 percent observed in same quarter 2013, while for constant prices the economy inclined by 9.2 percent in third quarter 2014 as compared to growth of 2.9 percent observed for the same quarter in 2013. The GDP implicit price deflator for third quarter of 2014 increased 17.7 percent compared to 10.0 percent of the same quarter in the previous year.

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

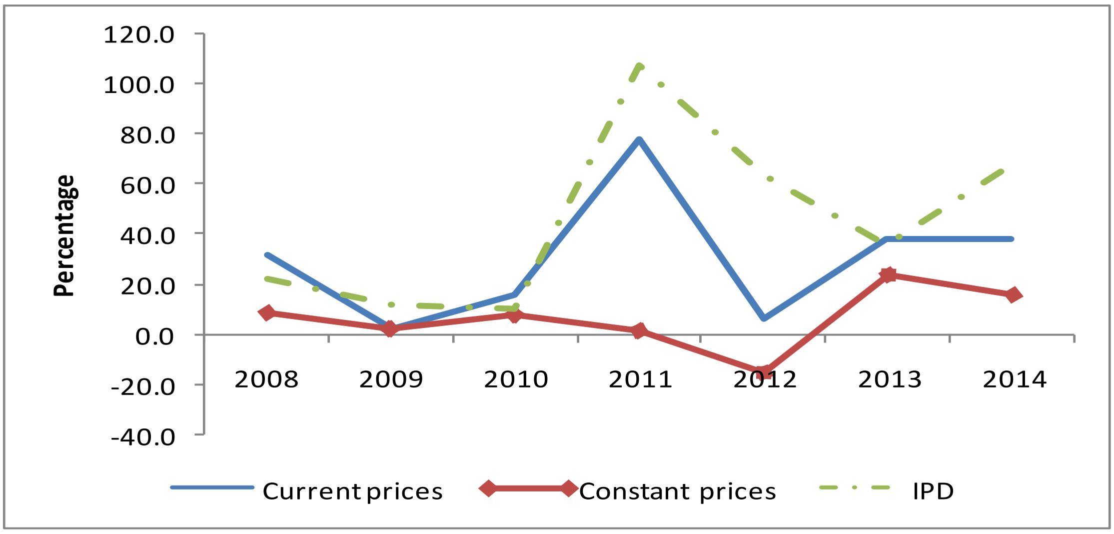
	2008	2009	2010	2011	2012	2013	2014
Agricultur	10.6%	0.0%	4.8%	4.8%	-3.7%	12.4%	10.4%
Industry	8.4%	-0.9%	0.4%	46.7%	11.1%	-16.4%	22.9%
Services	6.0%	3.4%	4.6%	8.4%	4.6%	1.3%	2.8%
Taxes	-31.3%	62.2%	-22.3%	16.0%	22.8%	32.8%	11.7%

The Agriculture Sector gross value added (GVA) for the third quarter in 2014 increased by 10.4 percent in constant 2007 prices. The growth was due to increases in Crops, Livestock, Forestry and Fishing which accounts for 15.5, 4.9, 3.9 and 5.8 percent respectively. The industry sector inclined by 22.9 percent in the third quarter of 2014. The incline in the industry growth rate was due to increases in Mining and quarrying

(8.2 percent) and Construction (44.8 percent). The Services Sector GVA in third quarter 2014 inclined by 2.8 percent in constant 2007 prices, compared to an increase of 4.4 percent in the previous quarter. The increase in the rate of Services Sector GVA in constant 2007 prices was due mainly to rise in Financial and Insurance (15.0 percent) and Public Administration (18.6 percent).

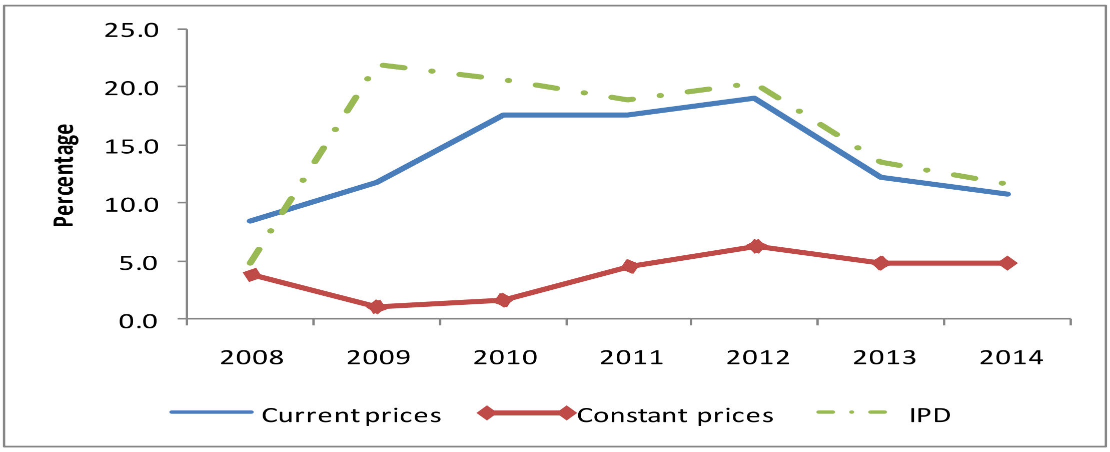
Agricultural Sector

Figure 2: Third Quarter Crops GVA 2008-2014



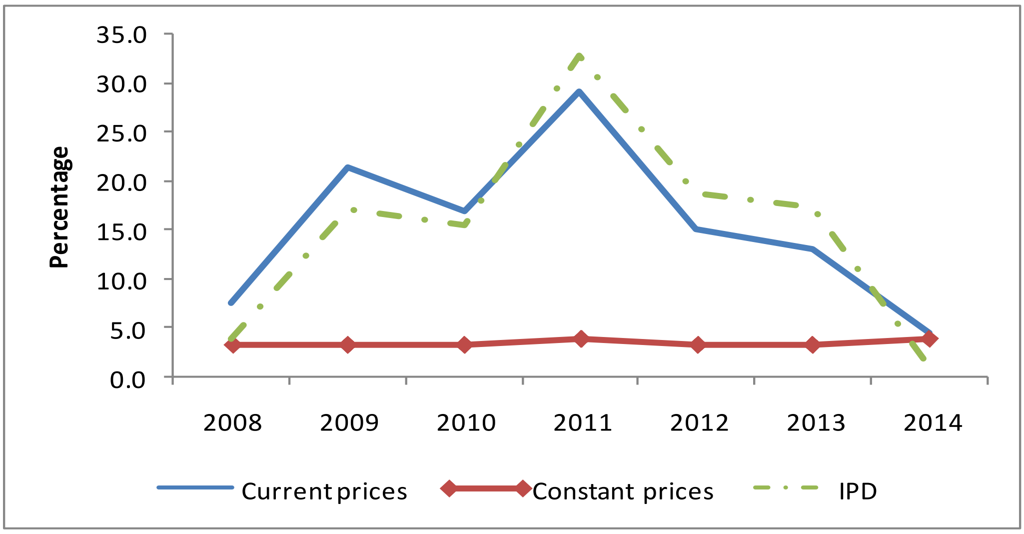
The Crops GVA for 2014 third quarter increased by 15.5 percent in real term compared to increase of 24.0 percent in 2013 due to increase in crop production. The main contributors to the growth were increased production of cloves, maize and sweet potatoes; with other vegetables crops also increasing. In current prices, the quarterly GVA increased by 37.7 percent in 2014 compared to a decrease of 37.8 percent in 2013. The implicit price deflator increased 19.3 percent in 2013 compared to 21.3 percent in the similar quarter of the previous year. The spikes in prices in 2008 and 2011 were mainly a result of significant price increases for cloves.

Figure 3: Third Quarter Livestock GVA 2008 – 2014



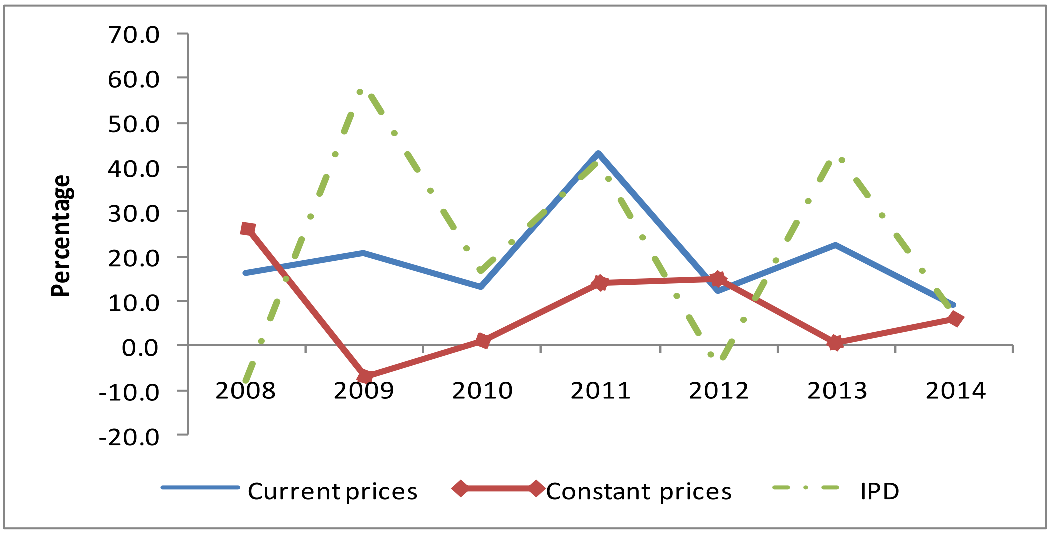
Livestock GVA increased by 4.9 percent in 2014 third quarter compared to an increase of 4.8 percent in the corresponding quarter of 2013, in real terms. The main contributor to the change was the increase in poultry, dairy milk, eggs and Cattle production. In current prices, the 2014 third quarter Livestock GVA increased by 10.9 percent in 2014 compared to an increase of 12.2 percent in same quarter of 2013, with implicit price deflator increasing 5.7 percent compared to 15.0 percent the previous year.

Figure 4: Third Quarter Forestry GVA, 2008 – 2014



Forestry GVA increased by 3.9 percent for third quarter in 2014 compared to an increase of 3.6 percent the corresponding quarter of in 2013 in real terms. The main contributors to the change were increased production of charcoal and firewood, beams, poles, and loggs. In current prices, Forestry GVA increased by 4.4 percent in 2014 third quarter compared to an increase of 13.1 percent the corresponding quarter of in 2013, with implicit price deflator increasing 0.5 percent compared to 5.4 percent respectively in previous year.

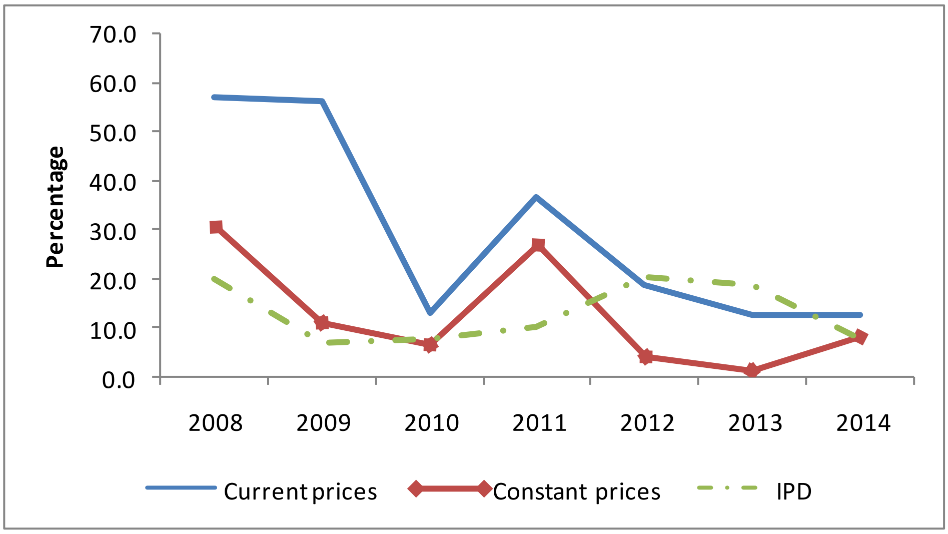
Figure 5: Third Quarter Fishing GVA 2008-2014



Fishing GVA increased by 5.8 percent in 2014 third quarter compared to an increase of 0.6 percent in the same quarter of 2013 at constant 2007 prices. The main contributor to the change was the increase in marine fish catch of 5.9 percent, partly offset by a decrease in seaweed production of 2.6 percent. In current prices, Fishing GVA increased by 8.9 percent in 2014 compared to an increase of 22.4 percent in 2013 third quarter, with implicit price deflator increasing 3.0 percent compared to 11.7 percent respectively the previous year.

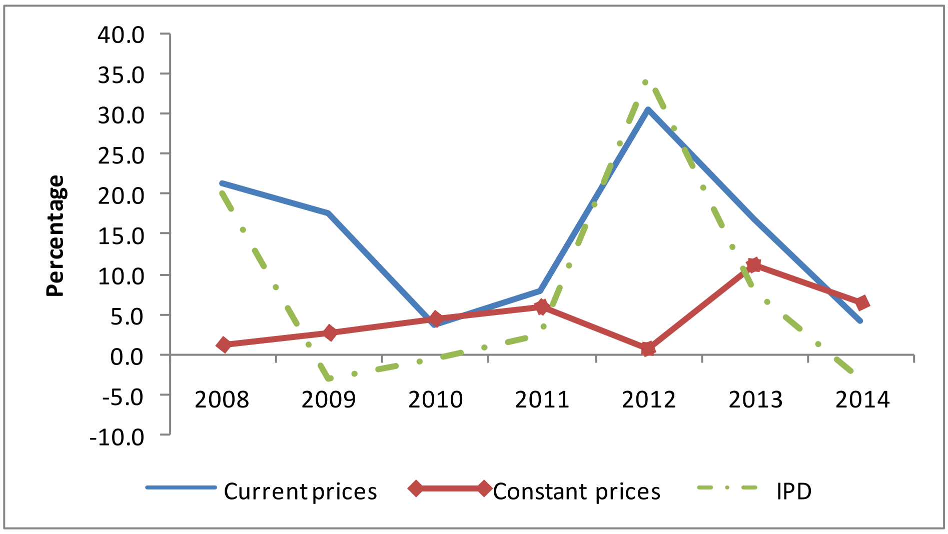
Industry Sector

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



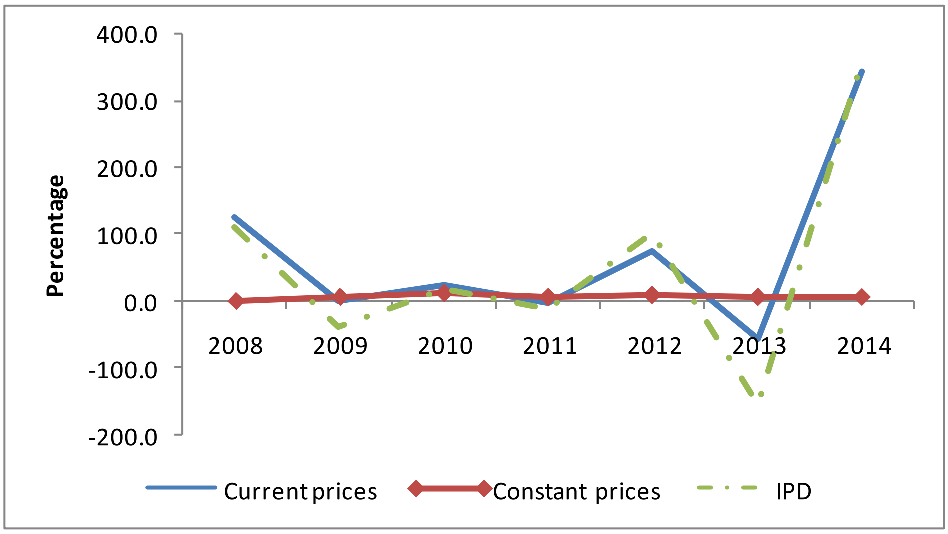
The GVA for Mining and quarrying increased by 8.2 percent in third quarter of 2014 compared to increase of 1.3 percent in the corresponding quarter of 2013 in real terms. The main contributor to the change was the increase in sand production, by 19.5 percent and stone by 9.3 percent. There was also a decrease in the production of gravels by 20.8 percent. In current prices, the GVA for Mining and quarrying increased by 12.8 percent in 2014compared to an increase of the same percent in 2013, with the implicit price deflator increasing 4.2 percent compared to 8.4 percent the similar quarter in 2013.

Figure 7: Third Quarter Manufacturing GVA 2008-2014



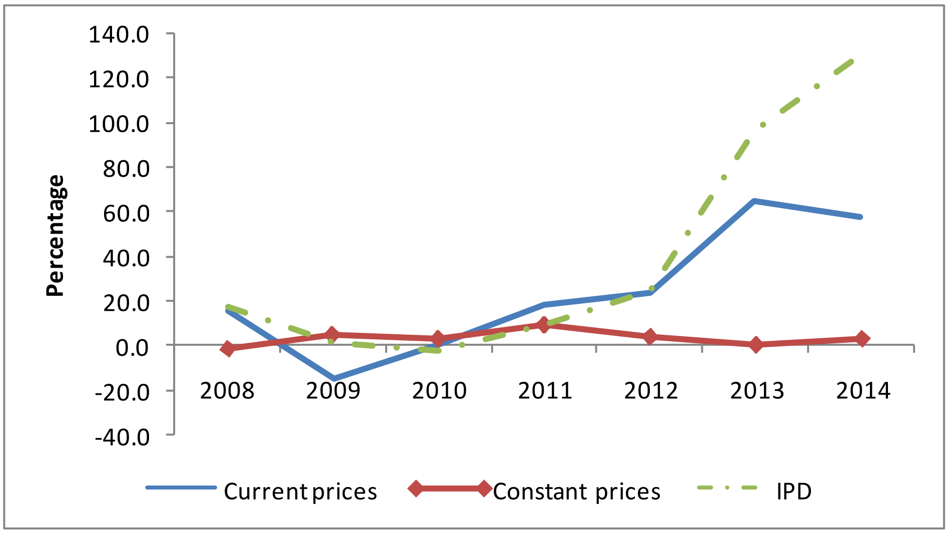
Manufacturing GVA increased by 6.3 percent in third quarter of 2014 compared to an increase of 11.1 percent in the same quarter of 2013 at constant 2007 prices. The main reason for this incline in growth rate was a rise in production of wheat flour by 91.5 percent. These an increases were partly offset by decrease of 91.1 percent in production of beverage and soft drinks due to closure of the coca-cola plant. In current prices, Manufacturing GVA increased by 21.0 percent in 2014 compared to an increase of 16.9 percent in 2013, with the implicit price deflator increasing 1.2 percent compared to decrease of 6.8percent in the previous year.

Figure 8: Third Quarter Electricity Supply GVA 2008-2014



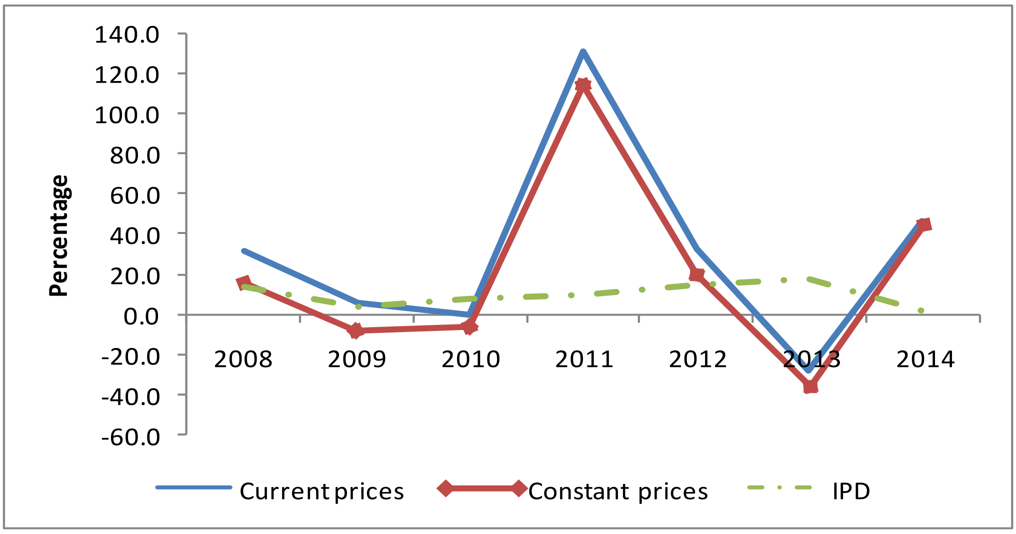
The GVA for Electricity supply increased by 5.1 percent in third quarter of 2014 compared to an increase of 4.2 percent in the corresponding quarter of 2013 in real terms. In current prices, the GVA for Electricity supply increased by 344.5 percent in 2014 compared to a decrease of 56.7percent in the corresponding quarter of 2013, with the implicit price deflator increasing 322.9 percent compared to an increase of 314.2 percent of the similar quarter of 2013.

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



The GVA for Water supply, sewerage and waste management increased by 3.0 percent in third quarter of 2014 compared to an increase of 0.5 percent in similar quarter, 2013 in real terms. This low rate of growth was mainly contributed by increasing in water supplied to businesses. In current prices, the GVA increased by 57.5 percent in third quarter of 2014 compared to an increase of 65.2 percent in the same quarter in 2013, with implicit price deflator increasing 52.8 percent compared to an increase 44.4 percent the previous quarter 2013.

Figure 10: Third Quarter Construction GVA 2008-2014

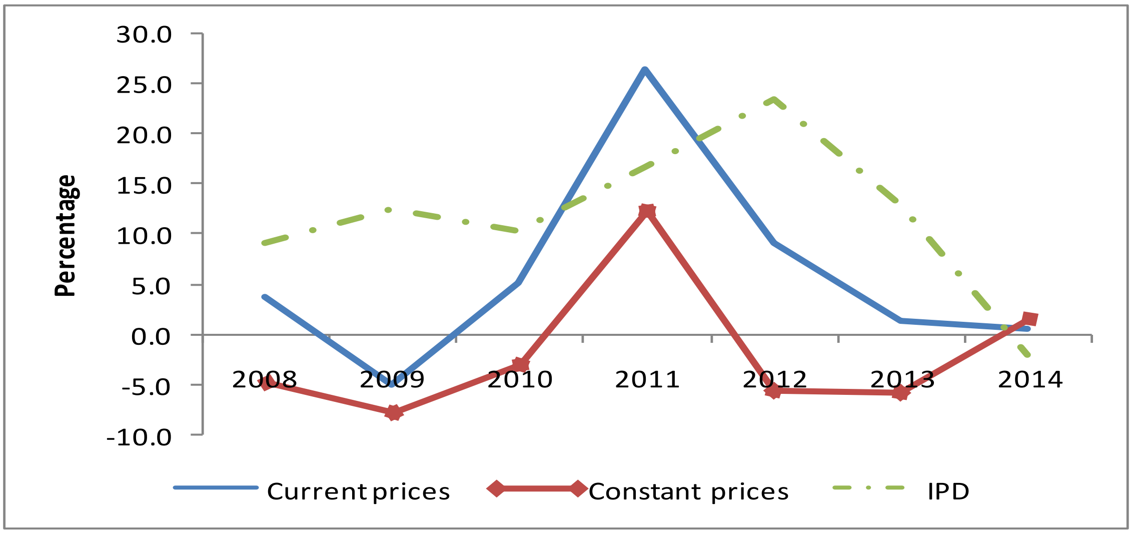


Construction GVA increased by 44.8 percent in third quarter of 2014 compared to a decrease of 36.0 percent in corresponding quarter in 2013 in real terms. In current prices, the GVA increased by 46.4 percent in third quarter of 2014 compared to a decrease of 28.5 percent in same quarter of 2013, with implicit price deflator increasing 1.1 percent in third quarter compared to 2.8 percent the previous quarter, 2013.

Services Sector

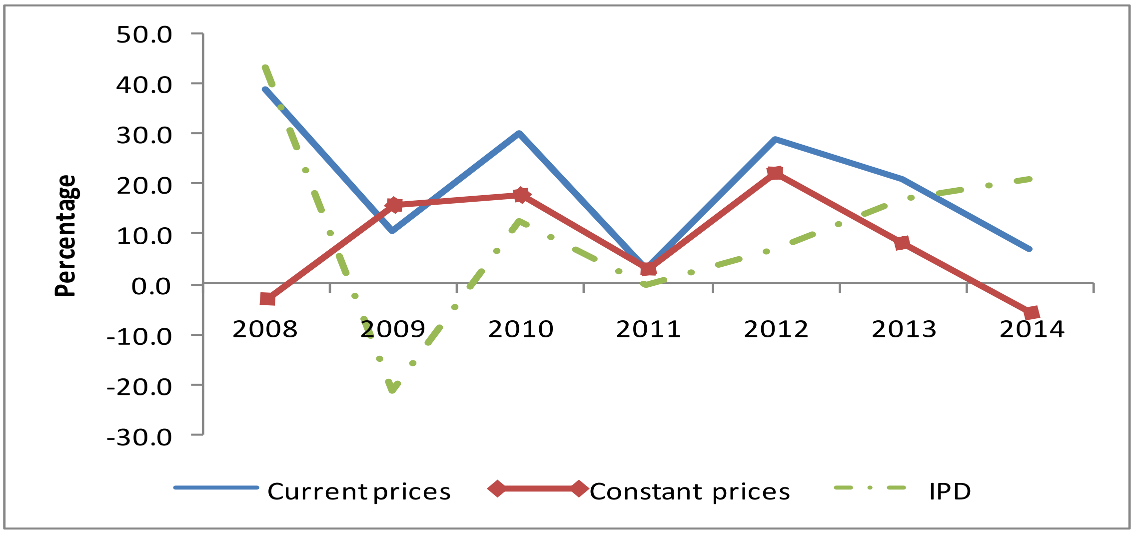
The Services Sector GVA in third quarter 2014 inclined by 2.8 percent in constant 2007 prices, compared to an increase of 4.4 percent in the previous quarter. The increasing of the rate of Services Sector GVA in constant 2007 prices was contributed highly by Financial Insurance (15.0 percent), public Administration (18.6) and FISIM (16.2 percent).

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



Trade and repairs GVA increased by 1.7 percent in third quarter of 2014 compared to a decrease of 5.7 percent in the corresponding quarter of 2013 in real terms. The main contributors to this growth were increases of 12.9 percent in informal sector trade; 1.1 percent in sales and repairs of motor vehicles; and a decrease of 19.5 percent in formal sector trade. In current prices, the GVA increased by 0.5 percent in 2014 and an increase of 1.3 percent in 2013, with the implicit price deflator decreasing of 1.1 percent compared to decrease of 0.6 percent in the previous quarter.

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

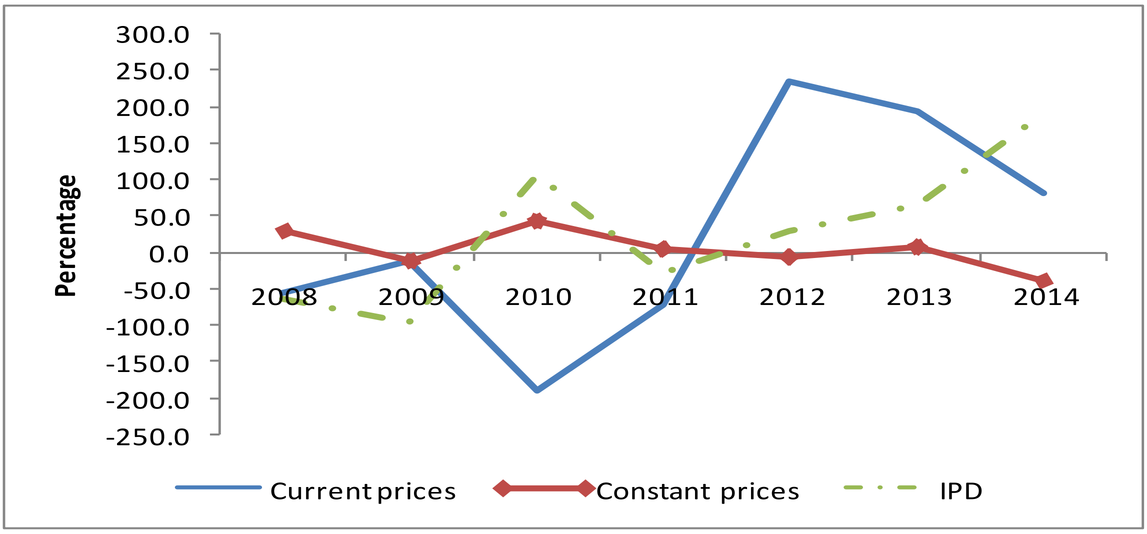


The GVA for Transport and storage decreased 5.7 percent in third quarter of 2014 compared to an increase of 8.1 percent in the corresponding quarter of 2013 in real terms. The main were increases of 5.5 percent in passenger land transport; decrease of 5.5 percent in water transport; and an increase of 67.8 percent in air and port support services. Land freight transport, air transport and storage, post and courier services also increased. In current prices, the GVA increased 6.8 percent in third quarter of 2014 and 20.9 percent in 2013, with the implicit price deflator increasing 13.2 percent compared to 9.3 percent in the previous quarter of 2013.

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

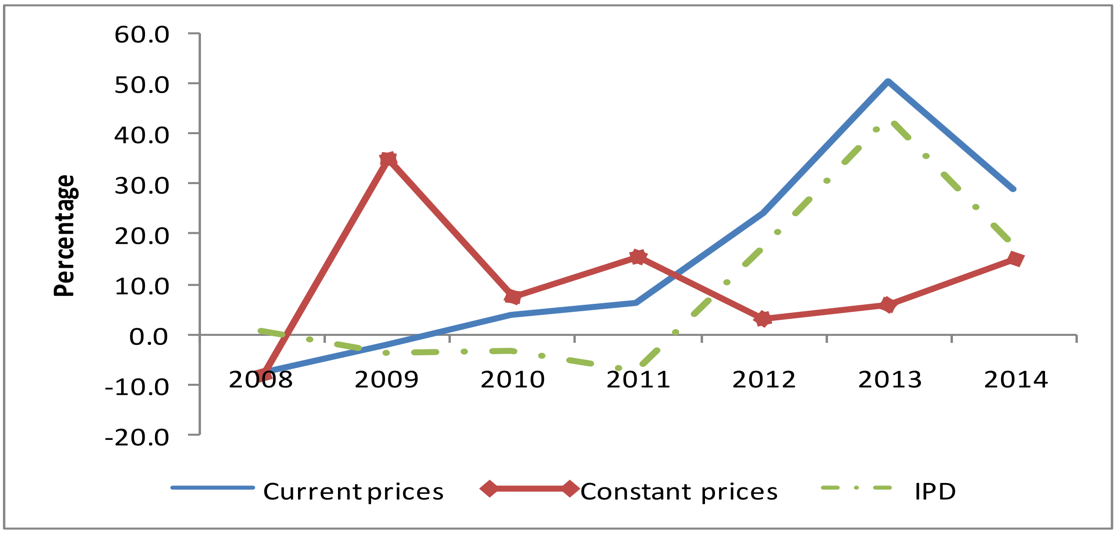
The GVA for Accommodation and food services decreased 1.4 percent in third quarter of 2014 compared to an decrease of 8.4 percent in the corresponding quarter of 2013 in real terms, reflecting the 4.1 percent decrease in tourist arrivals as well as decreased business activity. In current prices, the GVA increased by 19.7 percent in third quarter of 2014 compared to a decrease of 4.1 percent in the same quarter of 2013, with the implicit price deflator increasing 21.4 percent compared to 4.3 percent in the same quarter the previous year.

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



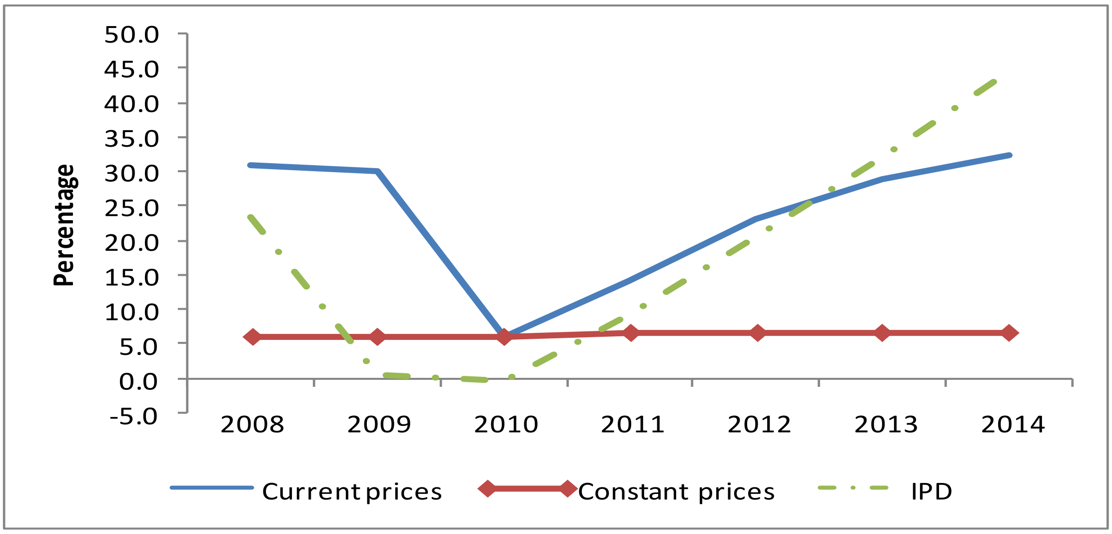
The GVA for Information and communication decreased 37.2 percent in third quarter of 2014 compared to an increase of 7.0 percent in the corresponding quarter of 2013, reflecting reduced volumes of mobile and fixed telephone usage due to significant increases in call charges. In current prices, the GVA increased by 79.7 percent in third quarter of 2014 compared to an increase of 192.9 percent in 2013, due to significant increases in the implicit price deflator 185.9 percent in third quarter of 2014 and 674.6 percent in the previous quarter of 2013.

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



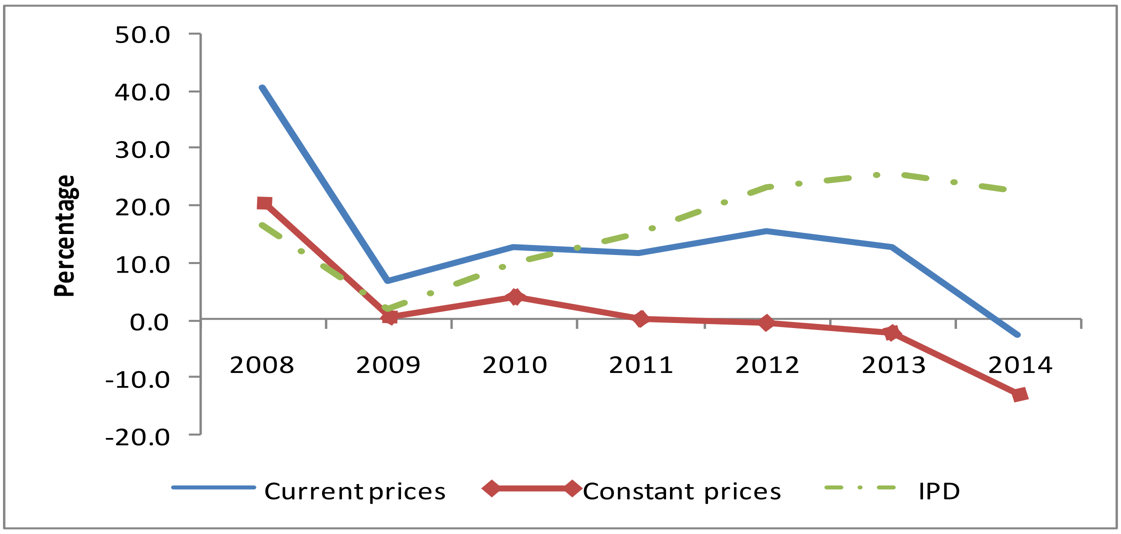
The GVA for Financial and insurance activities increased 15.0 percent in third quarter of 2014 compared to an increase of 6.2 percent in the corresponding quarter of 2013. The growth in 2014 reflects a volume increase of 16.0 percent in financial services, and the stock of deposits and loans; and an increase of 6.3 percent in insurance services. In current prices, the increased by 29.1 percent in third quarter of 2014 compared to an increase of 50.5 percent in 2013, due to significant increases in the implicit price deflator 12.2 percent in third quarter of 2014 and 17.6 percent in the previous quarter of 2013 caused by substantial increases in financial charges.

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



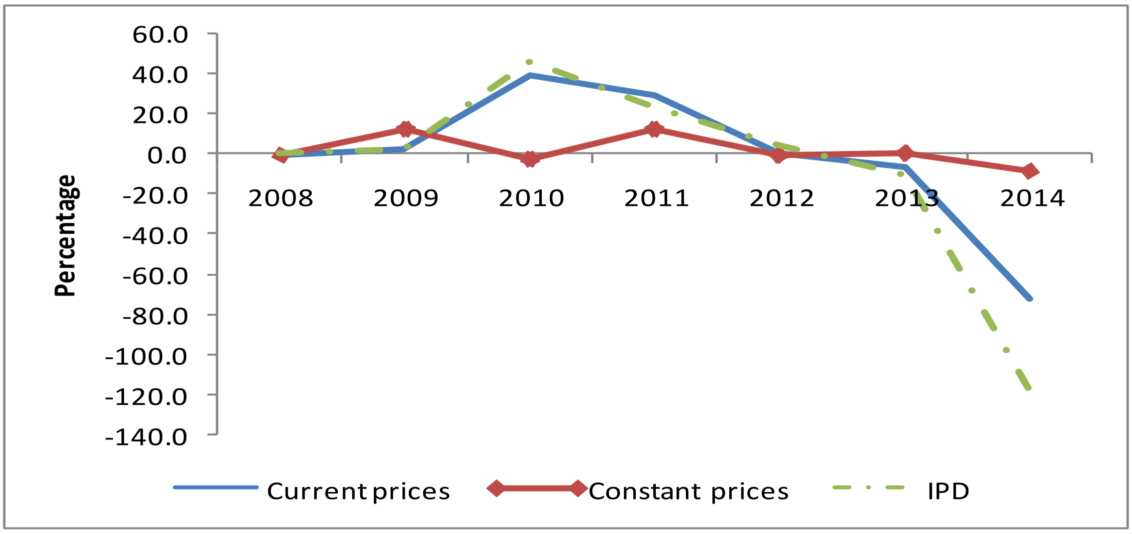
The Real estate GVA increased 6.8 percent in third quarter of 2014 compared to an increase of 6.7 percent in the same quarter of 2013. The current price GVA increased by 32.4 percent in third quarter of 2014 compared to an increase of 28.9 percent in 2013, due to significant increases in the implicit price deflator 24.0 percent and 23.6 percent in third quarter of 2014 and 2013 respectively; reflecting substantial increases in dwelling rents.

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



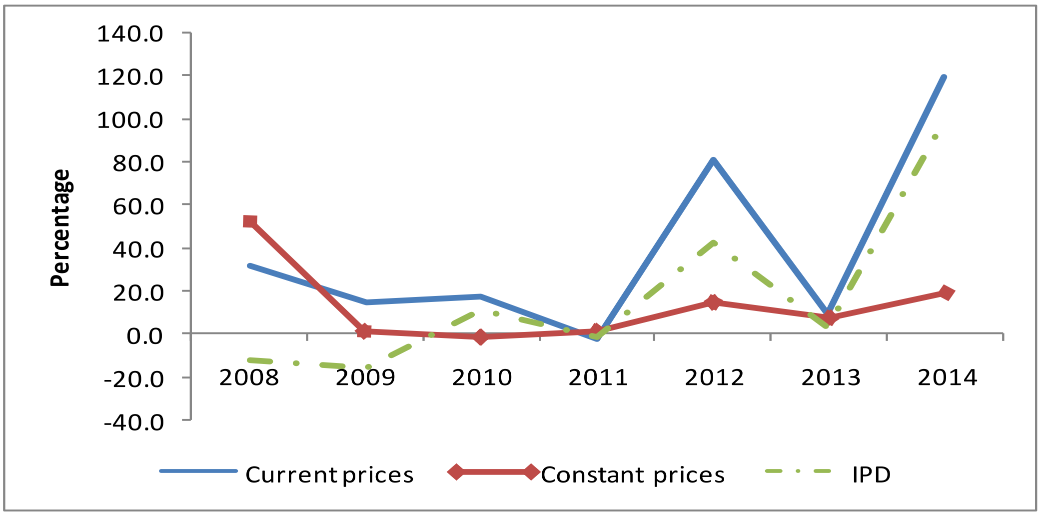
The GVA for Professional, scientific and technical activities decreased 12.9 percent in third quarter of 2014 compared to a decrease of 2.3 percent in the corresponding quarter of 2013, reflecting the volatility in this small industry. In current prices, the GVA decreased by 2.8 percent in third quarter of 2014 compared to an increase of 12.8 percent in 2013, due mainly to significant increases in the implicit price deflator 11.6 percent and 13.0 percent in third quarter of 2014 and 2013 respectively.

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



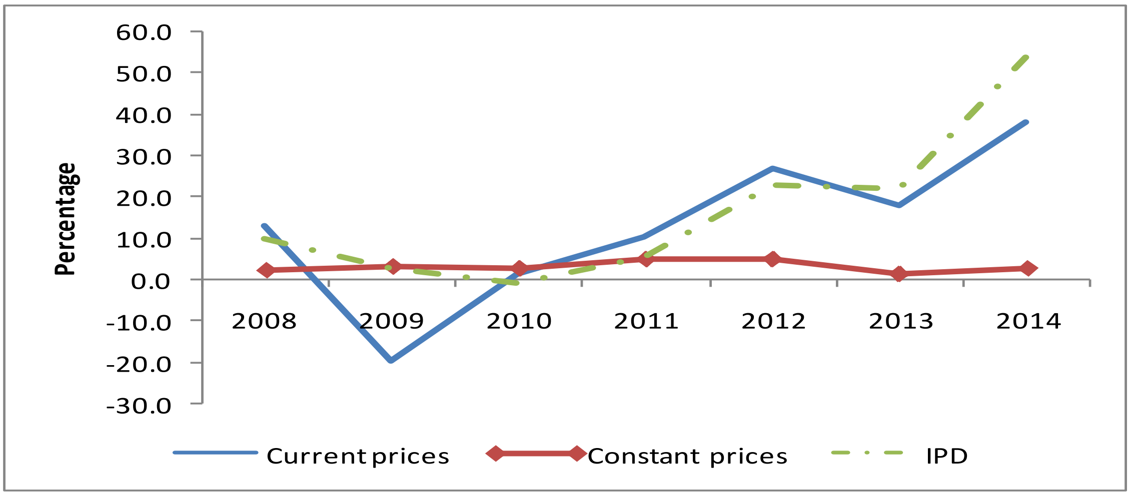
The GVA for Administrative and support services decreased 8.4 percent in third quarter of 2014 compared to a decrease of 0.4 percent in the corresponding quarter of 2013, mainly reflecting to a decrease of 4.1 percent in 2014 in travel agencies and tour operator activities. Other administrative and support services decreased 20.2 percent. In current prices, the GVA only decreased by 72.7 percent in third quarter of 2014 compared to an decrease of 6.3 percent in 2013, due to the very high decrease in the implicit price deflator of 70.2 percent in 2014 compared to decrease of 65.7 percent in the previous quarter of 2013.

Figure 19: Third Quarter Public Administration GVA 2008 - 2014



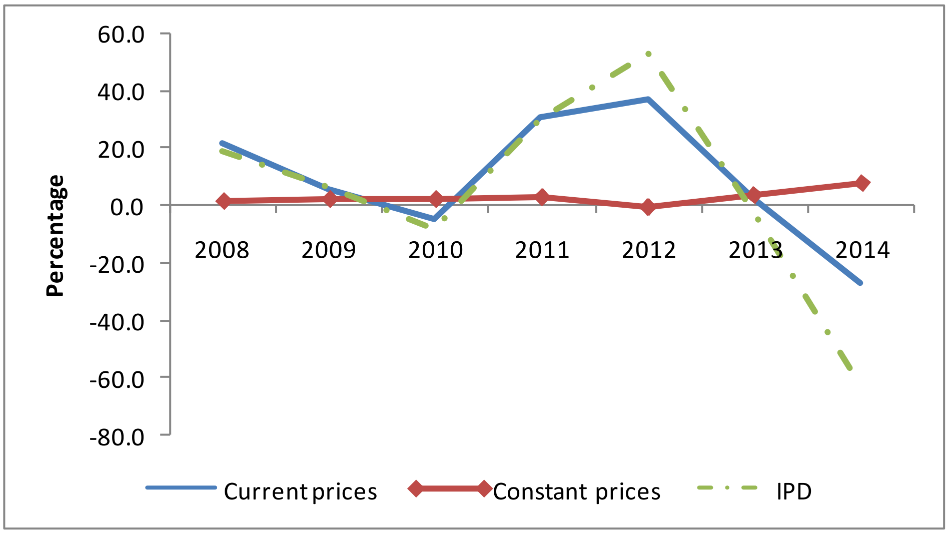
The GVA for Public administration increased 18.6 percent in third quarter 2014 compared to an increase of 6.8 percent in the same quarter of 2013. In current prices, the GVA increased by 119.5 percent in third quarter 2014 compared to a incline of 9.5 percent of the same quarter 2013, due to an increase in the implicit price deflator of 85.2 percent in 2014 third quarter compared to decline of 44.2 percent in the same quarter of previous year as a result of the public service salary increases.

Figure 20: Third Quarter Education GVA 2008 - 2014



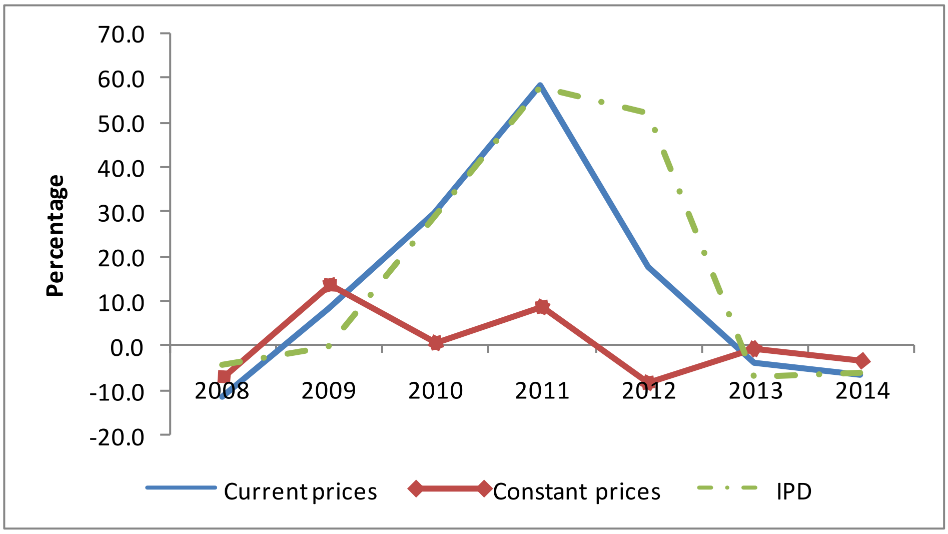
Education GVA increased 2.6 percent in third quarter 2014 compared to a midst increase of 1.4 percent of the same quarter of 2013 due mainly to a decrease in Thirdary school enrolments in 2013. In current prices, the GVA increased by 38.1 percent in third quarter 2014 compared to an increase of 18.0 percent in the same quarter 2013, due to increase in the implicit price deflator of 34.6 percent in third quarter 2014 compared to 17.4 percent in the same quarter previous year; mainly due to public service salary increases.

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



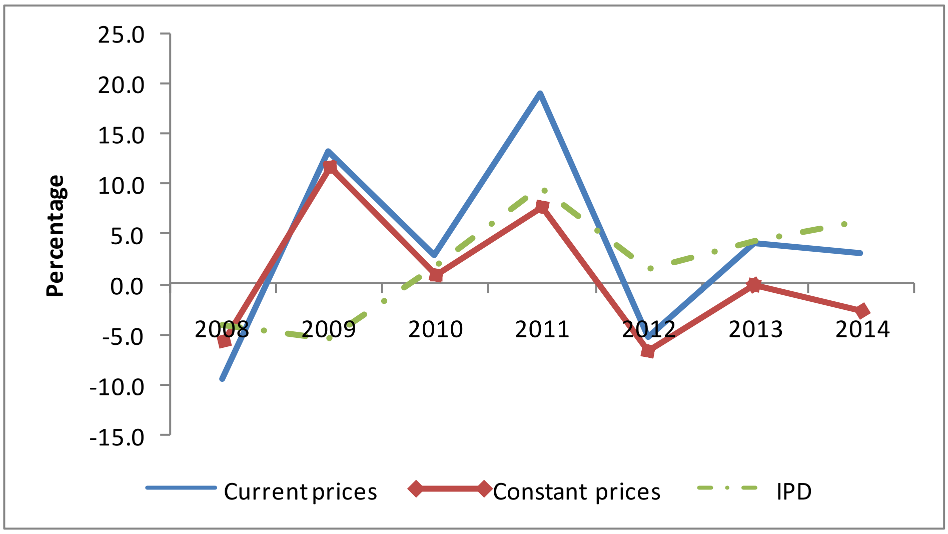
The GVA for Human health and social work increased 8.1 percent in third quarter 2014 compared to an increase of 3.5 percent in the same quarter of 2013. In current prices, the GVA declined by 27.1 percent in third quarter 2014 compared to a growth of 2.2 percent observed in the same quarter 2013. The implicit price deflator decreased by 32.6 percent in third quarter 2014 compared to the decrease of 37.7 percent for the same quarter in the previous year.

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



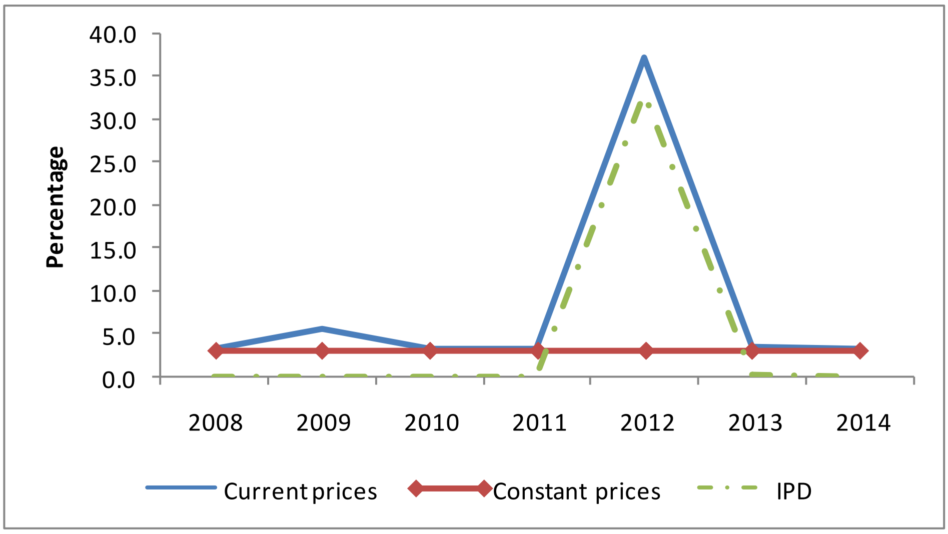
The GVA for Arts, entertainment and recreation decreased 3.9 percent in third quarter 2014 compared to a decrease of 0.7 percent in the same quarter of 2013. In current prices, the GVA decreased by 6.3 percent in third quarter 2014 compared to a decrease of 3.7 percent in same quarter 2013, due to a decrease in the implicit price deflator of 2.8 percent in third 2014 compared to the decrease of 3.0 percent in the same quarter previous year as a result of the increased prices of recreational and sporting activities.

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



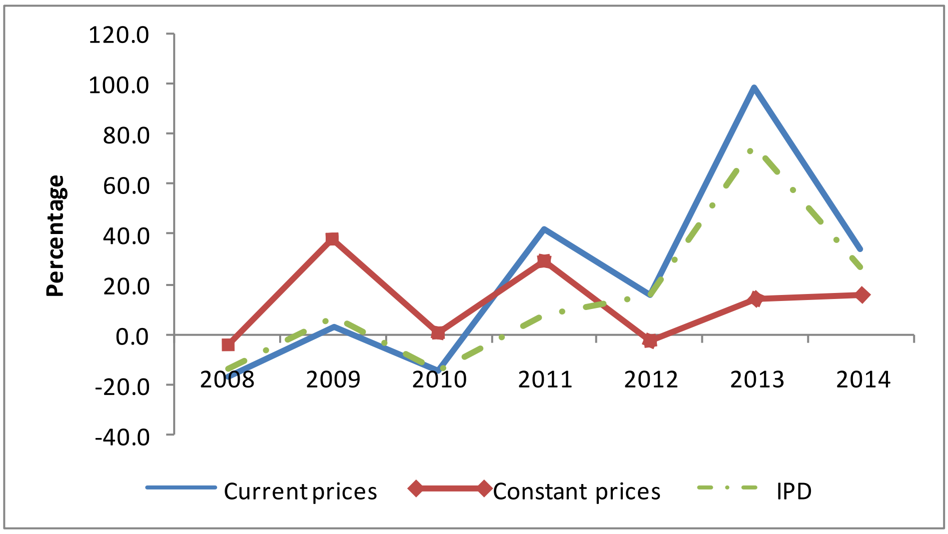
The GVA for other service activities decreased 2.5 percent in third quarter 2014 compared to a decrease of 0.1 percent in the same quarter of 2013. In current prices, the GVA increased by 3.2 percent in third quarter 2014 compared to an increase of 4.2 percent in the same quarter 2013, reflecting volume changes and an increase in the implicit price deflator of 5.8 percent in third quarter 2013 as a result of the input prices increasing higher than output prices compared to an increase of 6.2 percent in the same quarter previous year.

Figure 24: Third Quarter Domestic Services GVA 2008 – 2014



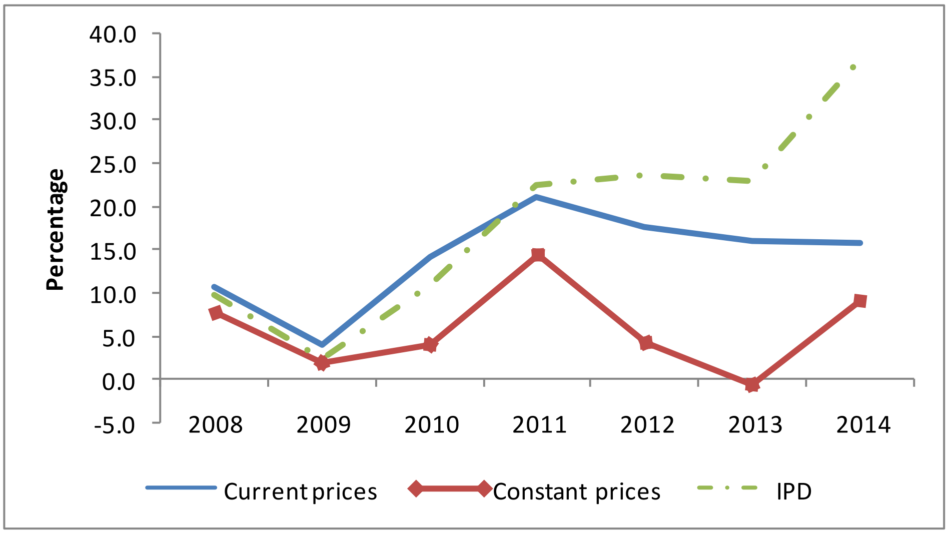
The GVA for Domestic services increased 3.2 percent in third quarter 2014 as was observed in same quarter of 2013. In current prices, the GVA increased by 3.2 percent in third quarter 2014 compared to an increase of 3.5 percent of the same quarter in 2013, reflecting zero percent increase in the implicit price deflator for third quarter 2013 and 2014.

Figure 25: Third Quarter Unallocated FISIM 2008 – 2014



Unallocated FISIM increased 16.2 percent in third quarter 2014 compared to an increase of 14.5 percent in the same quarter of 2013. The growth in third quarter 2014 reflects a volume increase in the stock of deposits and loans by 39.6 percent. In current prices, the unallocated FISIM increased by 33.3 percent in third quarter 2014 compared to an increase of 98.7 percent in the same quarter 2013. The implicit price deflator increased by 15.0 percent in third quarter 2014 as compared to 23.8 percent in the same quarter previous year.

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



Taxes less subsidies on products increased 11.7 percent in third quarter 2014 compared to an incline of 32.8 percent in the same quarter of 2013. In current prices, Taxes less subsidies on products increased by 15.8 percent in third quarter 2014 compared to an incline of 15.9 percent in the same quarter 2013, with the implicit price deflator increasing 3.7 percent in third quarter 2014 as compared to an incline of 17.2 percent for the same quarter previous year.

PART III – ANNEXES

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

		2008	2009	2010	2011	2012	2013	2014
Crops	22450.4	29533.5	33003.0	38010.6	67512.0	71418.5	98429.9	135582.0
Livestock	6048.8	6562.0	7963.7	9364.2	11004.5	13097.0	14694.6	16289.6
Forestry	5293.1	5685.9	6846.9	7996.1	10321.9	11879.9	13436.2	14033.6
Fishing	7924.9	9183.3	14342.9	16186.0	23154.9	25968.2	31797.9	34631.9
Mining and quarrying	2004.6	3150.6	3704.6	4195.2	5747.3	6832.6	7706.4	8694.2
Manufac-turing	15856.6	19227.8	19174.1	19873.7	21455.8	28013.3	32741.4	34127.2
Electricity	541.8	1219.7	1034.0	1294.6	1255.1	2191.1	949.0	4218.5
Water supply	870.5	1007.0	1060.5	1063.6	1260.3	1561.2	2578.6	4061.1
Construc-tion	12103.8	15888.1	15085.3	14991.1	34621.5	45925.6	32827.9	48053.9
Wholesale and retail trade	21227.4	22027.2	22597.0	23755.5	30056.9	32801.0	33221.1	33381.7
Accommodation and food services	19179.0	21566.9	23857.4	26092.9	35861.5	41611.8	39899.0	47773.0
Transport and Storage	7893.3	10953.3	10800.4	14043.4	14446.5	18616.3	22505.6	24025.2
Information and Communication	4529.6	1993.5	-3444.1	3119.1	818.4	2731.8	8002.5	14378.9
Financial and Insurance	6729.9	6217.4	8083.3	8390.0	8925.3	11082.9	16681.7	21531.2
Real Estate	10317.2	13523.1	14424.7	15302.4	17487.6	21534.5	27759.8	36754.6
Professional, Scientific & Technical	286.3	402.3	411.4	463.7	517.9	597.8	674.0	655.3
Administrative & Support	1570.9	1563.0	1796.3	2511.3	3255.0	3286.5	3079.4	841.6
Public admi-nistration	12782.5	16804.8	13484.5	15799.4	15422.2	27873.3	30531.4	67031.1
Education	4708.3	5313.0	5607.7	5693.0	6287.7	7969.9	9401.1	12979.4
Human Health & Social w ork	2057.5	2503.6	2706.8	2583.1	3378.6	4633.9	4737.3	3453.3
Arts, Entertainment & Recreation	886.5	785.1	888.2	1154.0	1828.5	2148.6	2068.4	1937.5
Other services	1470.6	1331.6	1405.4	1446.9	1721.6	1632.3	1700.4	1754.0
Households as employers	259.0	267.3	275.9	284.7	293.8	403.4	417.3	430.7
FISIM	-1647.0	-1365.0	-2043.1	-1738.6	-2471.5	-2852.7	-5668.7	-7574.8
All indust. at basic prices	165345.3	195344.9	203066.7	231876.0	314163.2	380958.8	430172.3	559044.5
Taxes on products	19785.3	21907.8	24748.9	28248.7	34203.9	40212.3	46612.7	53981.7
GDP at market prices	**185130.6**	**217252.7**	**227815.7**	**260124.7**	**348367.1**	**421171.1**	**476785.1**	**613026.3**

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

	2007	2008	2009	2010	2011	2012	2013	2014
Crops	22447.6	24278.9	24745.5	26529.3	26932.1	22740.4	28190.5	32546.6
Livestock	5772.6	5989.4	6052.5	6151.5	6430.4	6838.1	7167.8	7516.9
Forestry	5290.6	5476.8	5658.4	5854.8	6093.3	6311.0	6536.9	6794.9
Fishing	8311.6	10503.9	9789.4	9906.9	11296.0	12960.9	13033.3	13784.3
Mining and quarrying	1992.4	2609.1	2899.8	3090.6	3933.5	4100.6	4155.7	4498.4
Manufac-turing	15985.8	16135.0	16528.2	17238.7	18242.7	18377.6	20422.4	21711.3
Electricity	605.4	607.0	638.9	718.3	752.2	819.1	853.4	897.2
Water supply	868.3	856.7	895.8	917.7	1005.2	1041.8	1046.7	1078.6
Construc-tion	12142.2	14035.2	12956.8	12096.8	26030.9	31172.1	19947.2	28887.9
Wholesale and retail trade	20861.5	19875.1	18337.3	17792.4	20009.2	18887.0	17803.0	18097.2
Accommodation and food services	19138.0	16989.8	18329.6	18368.3	22260.4	22548.1	20652.9	20371.1
Transport and Storage	7808.1	7575.3	8763.5	10323.3	10640.1	13014.9	14063.5	13261.6
Information and Communication	4634.1	5981.4	5282.8	7586.8	7813.8	7272.1	7778.2	4888.5
Financial and Insurance	6682.6	6146.2	8318.9	8961.2	10355.6	10695.6	11353.9	13060.9
Real Estate	10275.3	10911.9	11600.1	12343.9	13147.8	14016.3	14954.7	15968.2
Professional, Scientific & Technical	283.6	341.9	343.9	358.0	358.0	356.0	347.9	303.1
Administrative & Support	1534.7	1521.0	1709.9	1657.5	1855.4	1829.0	1821.2	1668.0
Public admi-nistration	14099.3	21483.5	21685.2	21503.4	21600.4	24602.0	26284.9	31167.9
Education	5046.3	5149.9	5292.0	5420.4	5689.8	5968.6	6052.8	6208.7
Human Health & Social w ork	2191.4	2220.5	2271.2	2324.5	2391.7	2385.1	2468.2	2668.2
Arts, Entertainment & Recreation	856.2	794.8	904.3	909.5	988.4	905.9	900.0	867.2
Other services	1465.2	1383.3	1547.5	1561.8	1682.4	1571.0	1569.9	1530.3
Households as employers	259.0	267.3	275.9	284.7	293.8	303.3	313.0	323.0
FISIM	-1643.7	-1582.0	-2192.7	-2209.0	-2861.5	-2786.9	-3189.9	-3706.0
All indust. at basic prices	166908.2	179551.7	182634.5	189691.3	216941.5	225929.8	224528.4	244394.2
Taxes on products	21478.5	14758.4	23937.0	18595.3	21562.1	26476.1	35172.3	39282.3
GDP at market prices	**188386.7**	**194310.1**	**206571.6**	**208286.6**	**238503.6**	**252405.8**	**259700.7**	**283676.5**

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

	2008	2009	2010	2011	2012	2013	2014
Crops	31.5%	1.9%	15.2%	77.6%	5.8%	37.8%	37.7%
Livestock	8.5%	11.7%	17.6%	17.5%	19.0%	12.2%	10.9%
Forestry	7.4%	21.4%	16.8%	29.1%	15.1%	13.1%	4.4%
Fishing	15.9%	20.4%	12.9%	43.1%	12.2%	22.4%	8.9%
Mining and quarrying	57.2%	56.2%	13.2%	37.0%	18.9%	12.8%	12.8%
Manufac-turing	21.3%	17.6%	3.6%	8.0%	30.6%	16.9%	4.2%
Electricity	125.1%	-0.3%	25.2%	-3.1%	74.6%	-56.7%	344.5%
Water supply	15.7%	-15.2%	0.3%	18.5%	23.9%	65.2%	57.5%
Construc-tion	31.3%	5.3%	-0.6%	130.9%	32.7%	-28.5%	46.4%
Wholesale and retail trade	3.8%	-5.1%	5.1%	26.5%	9.1%	1.3%	0.5%
Accommodation and food services	12.5%	2.6%	9.4%	37.4%	16.0%	-4.1%	19.7%
Transport and Storage	38.8%	10.6%	30.0%	2.9%	28.9%	20.9%	6.8%
Information and Communication	-56.0%	-11.7%	-190.6%	-73.8%	233.8%	192.9%	79.7%
Financial and Insurance	-7.6%	-272.8%	3.8%	6.4%	24.2%	50.5%	29.1%
Real Estate	31.1%	30.0%	6.1%	14.3%	23.1%	28.9%	32.4%
Professional, Scientific & Technical	40.5%	6.7%	12.7%	11.7%	15.4%	12.8%	-2.8%
Administrative & Support	-0.5%	2.3%	39.8%	29.6%	1.0%	-6.3%	-72.7%
Public admi-nistration	31.5%	14.9%	17.2%	-2.4%	80.7%	9.5%	119.5%
Education	12.8%	-19.8%	1.5%	10.4%	26.8%	18.0%	38.1%
Human Health & Social w ork	21.7%	5.5%	-4.6%	30.8%	37.2%	2.2%	-27.1%
Arts, Entertainment & Recreation	-11.4%	8.1%	29.9%	58.4%	17.5%	-3.7%	-6.3%
Other services	-9.4%	13.1%	2.9%	19.0%	-5.2%	4.2%	3.2%
Households as employers	3.2%	5.5%	3.2%	3.2%	37.3%	3.5%	3.2%
FISIM	-17.1%	3.2%	-14.9%	42.2%	15.4%	98.7%	33.6%
All indust. at basic prices	18.1%	49.7%	14.2%	35.5%	21.3%	12.9%	30.0%
Taxes on products	10.7%	4.0%	14.1%	21.1%	17.6%	15.9%	15.8%
GDP at market prices	**17.4%**	**13.0%**	**14.2%**	**33.9%**	**20.9%**	**13.2%**	**28.6%**

Table 2.3: Third Quarter GDP by Economic Activity: at Constant Prices –Percentage Growth

	2008	2009	2010	2011	2012	2013	2014
Crops	8.2%	1.9%	7.2%	1.5%	-15.6%	24.0%	15.5%
Livestock	3.8%	1.1%	1.6%	4.5%	6.3%	4.8%	4.9%
Forestry	3.5%	3.3%	3.5%	4.1%	3.6%	3.6%	3.9%
Fishing	26.4%	-6.8%	1.2%	14.0%	14.7%	0.6%	5.8%
Mining and quarrying	31.0%	11.1%	6.6%	27.3%	4.2%	1.3%	8.2%
Manufac-turing	0.9%	2.4%	4.3%	5.8%	0.7%	11.1%	6.3%
Electricity	0.3%	5.2%	12.4%	4.7%	8.9%	4.2%	5.1%
Water supply	-1.3%	4.6%	2.4%	9.5%	3.6%	0.5%	3.0%
Construc-tion	15.6%	-7.7%	-6.6%	115.2%	19.8%	-36.0%	44.8%
Wholesale and retail trade	-4.7%	-7.7%	-3.0%	12.5%	-5.6%	-5.7%	1.7%
Accommodation and food services	-11.2%	7.9%	0.2%	21.2%	1.3%	-8.4%	-1.4%
Transport and Storage	-3.0%	15.7%	17.8%	3.1%	22.3%	8.1%	-5.7%
Information and Communication	29.1%	-11.7%	43.6%	3.0%	-6.9%	7.0%	-37.2%
Financial and Insurance	-8.0%	35.4%	7.7%	15.6%	3.3%	6.2%	15.0%
Real Estate	6.2%	6.3%	6.4%	6.5%	6.6%	6.7%	6.8%
Professional, Scientific & Technical	20.6%	0.6%	4.1%	0.0%	-0.6%	-2.3%	-12.9%
Administrative & Support	-0.9%	12.4%	-3.1%	11.9%	-1.4%	-0.4%	-8.4%
Public admi-nistration	52.4%	0.9%	-0.8%	0.5%	13.9%	6.8%	18.6%
Education	2.1%	2.8%	2.4%	5.0%	4.9%	1.4%	2.6%
Human Health & Social w ork	1.3%	2.3%	2.3%	2.9%	-0.3%	3.5%	8.1%
Arts, Entertainment & Recreation	-7.2%	13.8%	0.6%	8.7%	-8.3%	-0.7%	-3.6%
Other services	-5.6%	11.9%	0.9%	7.7%	-6.6%	-0.1%	-2.5%
Households as employers	3.2%	3.2%	3.2%	3.2%	3.2%	3.2%	3.2%
FISIM	-3.8%	38.6%	0.7%	29.5%	-2.6%	14.5%	16.2%
All indust. at basic prices	7.6%	1.7%	3.9%	14.4%	4.1%	-0.6%	8.8%
Taxes on products	-31.3%	62.2%	-22.3%	16.0%	22.8%	32.8%	11.7%
GDP at market prices	**3.1%**	**6.3%**	**0.8%**	**14.5%**	**5.8%**	**2.9%**	**9.2%**

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

	2007	2008	2009	2010	2011	2012	2013	2014
Crops	100.0	121.6	133.4	143.3	250.7	314.1	349.2	416.6
Livestock	104.8	109.6	131.6	152.2	171.1	191.5	205.0	216.7
Forestry	100.0	103.8	121.0	136.6	169.4	188.2	205.5	206.5
Fishing	95.3	87.4	146.5	163.4	205.0	200.4	244.0	251.2
Mining and quarrying	100.6	120.8	127.8	135.7	146.1	166.6	185.4	193.3
Manufac-turing	99.2	119.2	116.0	115.3	117.6	152.4	160.3	157.2
Electricity	89.5	200.9	161.9	180.2	166.8	267.5	111.2	470.2
Water supply	100.3	117.5	118.4	115.9	125.4	149.9	246.4	376.5
Construc-tion	99.7	113.2	116.4	123.9	133.0	147.3	164.6	166.3
Wholesale and retail trade	101.8	110.8	123.2	133.5	150.2	173.7	186.6	184.5
Accommodation and food services	100.2	126.9	130.2	142.1	161.1	184.5	193.2	234.5
Transport and Storage	101.1	144.6	123.2	136.0	135.8	143.0	160.0	181.2
Information and Communication	97.7	33.3	-65.2	41.1	10.5	37.6	102.9	294.1
Financial and Insurance	100.7	101.2	97.2	93.6	86.2	103.6	146.9	164.9
Real Estate	100.4	123.9	124.4	124.0	133.0	153.6	185.6	230.2
Professional, Scientific & Technical	100.9	117.7	119.6	129.5	144.7	167.9	193.7	216.2
Administrative & Support	102.4	102.8	105.1	151.5	175.4	179.7	169.1	50.5
Public admi-nistration	90.7	78.2	62.2	73.5	71.4	113.3	116.2	215.1
Education	93.3	103.2	106.0	105.0	110.5	133.5	155.3	209.1
Human Health & Social w ork	93.9	112.7	119.2	111.1	141.3	194.3	191.9	129.4
Arts, Entertainment & Recreation	103.5	98.8	98.2	126.9	185.0	237.2	229.8	223.4
Other services	100.4	96.3	90.8	92.6	102.3	103.9	108.3	114.6
Households as employers	100.0	100.0	100.0	100.0	100.0	133.0	133.3	133.3
FISIM	100.2	86.3	93.2	78.7	86.4	102.4	177.7	204.4
All indust. at basic prices	99.1	108.8	111.2	122.2	144.8	168.6	191.6	228.7
Taxes on products	92.1	148.4	103.4	151.9	158.6	151.9	132.5	137.4
GDP at market prices	**98.3**	**111.8**	**110.3**	**124.9**	**146.1**	**166.9**	**183.6**	**216.1**