



Republic of Zambia  
Central Statistical Office

# NATIONAL ACCOUNTS

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## GROSS DOMESTIC PRODUCT (GDP) REPORT

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**2014 & 2015**





# **GROSS DOMESTIC PRODUCT REPORT**

## **2014 & 2015**

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## Acronyms/Abbreviations

BOP	Balance of Payment
BOZ	Bank of Zambia
CPI	Consumer Price Index
CSO	Central Statistical Office
ER	Establishment Register
FISIM	Financial Intermediation Services Indirectly Measured
GDI	Gross Disposable Income
GDP	Gross Domestic Product
GFCF	Gross Fixed Capital Formation
GNI	Gross National Income
GS	Gross Savings
IMF	International Monetary Fund
ISIC	International Standard of Industrial Classification
LCMS	Living Conditions Monitoring Survey
LFS	Labour Force Survey
MMC	Micro-Macro Consultants
MOF	Ministry of Finance
NCT	Net Current Transfers
NISS	Non-Agriculture Informal Sector Survey
NPISH	Non-Profit Institutions Serving Households
NSS	National Statistical System
PACRA	Patents and Companies Registration Agency
PIA	Pensions and Insurance Authority
PHS	Post Harvest Survey
ROW	Rest of the World
SNA	System of National Accounts
TA	Technical Assistance
UN	United Nations
UNSD	United Nations Statistics Division
VAT	Value Added Tax
ZRA	Zambia Revenue Authority





## Foreword

The Central Statistical Office (CSO) through its National Accounts Branch successfully benchmarked the National Accounts estimates to 2010. In doing so, CSO managed to introduce the best compilation practices in line with the 2008 United Nations System of National Accounts. In an effort to continue with these best practices, CSO conducted an Annual Business Survey in 2014 covering the years 2011, 2012 and 2013.

This report presents results on National Accounts Statistics for the years 2011, 2012 and 2013 at current prices as compiled using the 2014 Annual Business Survey. However, the 2014 and 2015 estimates at current prices are based on the administrative data from Zambia Revenue Authority (ZRA).

The production of these estimates is in line with the goal of the office i.e. introducing direct methods for GDP estimation on an annual basis, following the adopted procedures after the 2010 benchmarking exercise. The value added at current prices has been estimated as a difference between the Gross Output and Intermediate Consumption for each industry. The economic performance indicators have been used as volume indicators for the annual GDP at constant 2010 prices, except for Wholesale and retail trade and Financial Services. Consumer Price Index (CPI) for consumer goods has been used as a deflator for Wholesale and retail trade while total CPI was used to deflate the stocks of loans and deposit for the financial services.

The compilation of this report would not have been possible without the information supplied to this office through the questionnaires and financial reports by the various establishments and institutions. Special appreciation goes to the Zambia Revenue Authority (ZRA) for providing CSO with administrative data.

I would also like to thank the International Monetary Fund (IMF) AFRITAC South office for having provided comprehensive Technical Assistance (TA) right from the design stage all the way to data analysis. Specifically, we convey our gratitude to Dr. Todor Todorov and Gregory Max Legoff IMF Consultants, for their unflinching support throughout the process.

Lastly, I would like to thank my staff in Economic Statistics Division and also those at Central Statistical Office (CSO) provincial offices for their dedication towards the success of this exercise. Your efforts have continued to pay off in form of these landmark results.

John Kalumbi  
Director, Census and Statistics

November, 2016





## 1.0 Introduction

The National Accounts are a series of tables which together give a picture of the performance of the economy as a whole and of some important sectors. They are vital for policy making, analysis and research. They are developed using international standards and are comparable from one country to another.

The estimates presented in this report were compiled as far as possible in accordance with the 2008 System of National Accounts. This is continuation in the implementation of the procedures adopted after the 2010 benchmarking exercise. In the benchmark estimates some important new requirements of the 2008 SNA were implemented in principle, in particular processing services, distributing financial intermediation services among users, work in progress concept in the production accounts estimates in agriculture and treatment of research and development and mineral exploration and evaluation as fixed assets.

However, more effort is needed in the near future for complete implementation of the required procedures for clarification of the treatment of military expenditures, and for some other conventional requirements from the previous SNA 1993, like elimination of holding gains/losses in the value of changes in inventory stocks, implementation of work in progress concept in the production accounts estimates in construction.

## 2.0 Data Sources and Methods

The main data source for the compilation of annual accounts for the years 2011, 2012 and 2013 was the 2014 Annual Business Survey and administrative data from Zambia Revenue Authority for 2014 and 2015 estimates. Other data sources are listed below:-

- Agriculture - Crop Forecast Surveys & Post Harvest Survey
- Financial Services - Consolidated Income Statements from Bank of Zambia (BOZ)
- Insurance Services - Consolidated financial Statements from Pension and Insurance Authority
- Non-farm Informal Sector Survey
- General Government - Central & Local government financial reports
- Consumer Price Index

Table 1 gives the data sources for the formal and informal sector by industry and also the type of deflator that was used.

Table 1: Data sources: Formal and Informal Sector by Kind of Economic Activity			
Kind of Economic Activity	Formal	Informal	Volume Indicator
Agriculture, forestry and fishing			
Agriculture	Crop Forecast Survey	Crop Forecast Survey	The volumes have been adjusted from an agriculture season to a calendar year. Work in progress is measured by labour input related to land preparation, planting, weeding and harvesting cost per hectre as reported in the Crop Forecast Survey. The shares are then used to split the reported total production into quarters. Livestock and fruits and vegetables are assumed to move with the growth in crops
Forestry & Logging	Annual Business Survey /Administrative data from ZRA	Non-farm Informal Sector Survey, used Total CPI to price update	Index of Industrial Production (IIP) Wood index
Fishing & Aquaculture	Annual Business Survey /Administrative data from ZRA	Non-farm Informal Sector Survey, used Total CPI to price update	Fish catch from the main water bodies
Mining and quarrying			
Mining	Annual Business Survey /Administrative data from ZRA	Not Applicable	Used the Index for mining (Copper Production)
Other mining and quarrying	Annual Business Survey /Administrative data from ZRA	Non-farm Informal Sector Survey, used Total CPI to price update	Used the Index for other mining and quarrying
Manufacturing	Annual Business Survey /Administrative data from ZRA	Non-farm Informal Sector Survey, used Total CPI to price update	IIP Manufacturing at detailed level







Kind of Economic Activity	Formal	Informal	Volume Indicator
Electricity, gas, steam and air conditioning supply	Annual Business Survey /Administrative data from ZRA	Not Applicable	Electricity generation
Water supply; sewerage, waste management and remediation	Consolidated Financial reports from NWASCO	There are no estimates for water coming from the bore holes/wells owned by households	Water production from the utility companies
Construction	Annual Business Survey /Administrative data from ZRA	Non-farm Informal Sector Survey, used Total CPI to price update	Combined index of domestic sales of cement plus imports, Wood and wood products, fabricated metal products
Wholesale and retail trade; repair of motor vehicles and motorcycles	Annual Business Survey /Administrative data from ZRA	Non-farm Informal Sector Survey, used Total CPI to price update	Used the deflated turnover as an indicator to grow the base Value added. The deflator is the CPI for goods.
Transportation and storage	Annual Business Survey /Administrative data from ZRA	Non-farm Informal Sector Survey, used Total CPI to price update	Fuel consumption
Accommodation and food service	Annual Business Survey /Administrative data from ZRA	Non-farm Informal Sector Survey, used Total CPI to price update	Number of international Arrivals and IIP for food manufacturing
Information and communication	Annual Business Survey /Administrative data from ZRA	Non-farm Informal Sector Survey, used Total CPI to price update	Number of minutes and SMS
Financial and insurance			
Financial services, except insurance and pension funds	Consolidated financial statement from Bank of Zambia	Non-farm Informal Sector Survey, used Total CPI to price update	Financial Intermediation Indirect Measured (FISIM) at constant prices
Insurance and pension funds	Pension and insurance Financial Statement	Not Applicable	Use CPI insurance as a deflator to deflate the premiums written
Real estate	Annual Business Survey /Administrative data from ZRA	Rental and Imputed rent in the base	Population Growth
Professional, scientific and technical	Annual Business Survey /Administrative data from ZRA	Non-farm Informal Sector Survey, used Total CPI to price update	Combined index from Agriculture, Mining, manufacturing, construction, financial, education and health
Administrative and support service	Annual Business Survey /Administrative data from ZRA	Non-farm Informal Sector Survey, used Total CPI to price update	Combined index from Agriculture, Mining, manufacturing, construction, financial, education and health
Public administration and defense; compulsory social security	Government Financial Statistics	Not Applicable	Number of Employees for government
Education	Government Financial Statistics/ABS/ZRA	Non-farm Informal Sector Survey, used Total CPI to price update	Number of Employees for government
Human health and social work	Government Financial Statistics/ABS/ZRA	Non-farm Informal Sector Survey, used Total CPI to price update	Number of Employees for government
Arts, entertainment and recreation	Annual Business Survey /Administrative data from ZRA	Non-farm Informal Sector Survey, used Total CPI to price update	Used CPI, recreation and culture to deflate sales
Other service	Annual Business Survey /Administrative data from ZRA	Non-farm Informal Sector Survey, used Total CPI to price update	Population growth
Taxes VAT	Public Finance	Not Applicable	Household final consumption at constant prices
Import Duties	Public Finance	Not Applicable	Volume of imports in tonnes





### 3.1 GDP Production Approach

The Gross Domestic Product (GDP) is an aggregate measure of economic performances which is equal to the sum of the gross value added of all industries plus taxes less subsidies on products. The production account estimates are prepared at the section level of ISIC Rev 4.

Production is an activity, carried out under the responsibility, control and management of an institutional unit that uses inputs of labour, capital goods and services to produce outputs of goods and services.

Gross value added for each industry is obtained as the difference between the value of the goods and services which are produced by an establishment in the economy that become available for use outside that establishment (output) and the cost of goods and services used in the process of production (intermediate consumption).

Output is valued from different perspectives. Market orientation is the primary way to distinguish the nature of output. Based on the 2008 SNA, there are three types of output i.e. market output, output for own final use and other non-market output. Output of an industry was obtained by summing the outputs of the various primary and secondary products/services produced by that industry.

In the derivation of the value of output, special treatment is given to certain industries, namely; public administration and defense, Financial and insurance services. Output for public administration and defense was derived as a sum of costs. This method was also used in deriving output for the central bank (Bank of Zambia) and the Non-Profit Institutions Serving Households. For the Financial and Insurance industries, the calculation of output followed the 2008 SNA recommendations.

Table 2 shows GDP estimates by kind of economic activity at current prices for the years 2010-2015. Zambia's Gross Domestic Product (GDP) in 2014 and 2015 was estimated at K167,052.5 million and K183,381.1 million, respectively.

<b>Table 2: Gross Value Added by Kind of Economic Activity (K'Million) at Current Prices 2010 to 2015.</b>						
<b>Kind of Economic Activity</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Agriculture, forestry and fishing	9,158.7	11,001.6	12,236.7	12,449.3	11,325.5	9,133.9
Mining and quarrying	12,428.7	17,515.0	19,057.0	25,686.8	24,449.6	23,244.2
<b>Primary Industries</b>	<b>21,587.3</b>	<b>28,516.6</b>	<b>31,293.7</b>	<b>38,136.1</b>	<b>35,775.1</b>	<b>32,378.1</b>
Manufacturing	7,367.3	8,570.7	9,288.6	9,362.6	11,393.0	13,794.5
Electricity, gas, steam and air conditioning supply	1,623.8	2,420.2	2,317.9	2,202.7	3,963.3	5,664.4
Water supply; sewerage, waste management and remediation	160.2	363.2	392.3	499.7	329.8	373.2
Construction	9,761.3	10,407.6	10,965.3	11,588.2	14,898.6	18,353.4
<b>Secondary Industries</b>	<b>18,912.7</b>	<b>21,761.7</b>	<b>22,964.0</b>	<b>23,653.0</b>	<b>30,584.6</b>	<b>38,185.5</b>
Wholesale and retail trade; repair of motor vehicles and motor-cycles	17,590.5	22,370.2	25,828.8	33,126.4	36,415.9	41,129.8
Transportation and storage	5,705.9	4,945.6	5,667.0	5,099.8	5,997.7	7,290.4
Accommodation and food services	1,599.4	1,764.9	2,447.4	2,695.4	2,754.5	3,075.0
Information and communication	1,587.5	3,335.7	4,142.9	4,106.2	3,836.0	5,329.8
Financial and insurance services	3,977.9	3,736.7	4,099.6	4,416.1	5,256.3	7,098.7
Real estate	4,012.1	4,498.7	5,042.7	5,600.6	6,875.8	8,840.7
Professional, scientific and technical services	1,505.5	1,482.3	2,417.2	2,655.8	2,858.2	2,641.9
Administrative and support service	1,577.7	1,185.0	1,040.8	1,330.7	1,282.3	1,638.1
Public administration and defense; compulsory social security	3,905.4	3,481.0	6,484.2	7,034.0	7,351.8	8,103.1
Education	6,818.5	7,687.4	9,265.3	11,007.6	13,085.7	14,383.2
Human health and social work	1,900.2	1,842.2	2,225.9	1,800.9	2,175.2	2,403.7
Arts, entertainment and recreation	368.1	336.1	304.1	507.6	520.9	570.4
Other services	787.7	791.6	864.1	959.2	983.6	885.0
<b>Tertiary Industries</b>	<b>51,336.3</b>	<b>57,457.4</b>	<b>69,829.9</b>	<b>80,340.4</b>	<b>89,394.1</b>	<b>103,389.8</b>
<b>Total for the economy</b>	<b>91,836.3</b>	<b>107,735.8</b>	<b>124,087.6</b>	<b>142,129.6</b>	<b>155,753.8</b>	<b>173,953.4</b>
Taxes less subsidies on products	5,379.6	6,296.8	7,185.9	9,200.9	11,298.7	9,427.7
<b>Gross Domestic Product (GDP)</b>	<b>97,215.9</b>	<b>114,032.5</b>	<b>131,273.5</b>	<b>151,330.5</b>	<b>167,052.5</b>	<b>183,381.1</b>





The notable contributors to GDP at current prices by kind of economic activity were the Wholesale and retail trade at 21.8 percent in 2014 and 22.4 percent in 2015, followed by the Mining and quarrying at 14.6 percent in 2014 and 12.7 percent in 2015. The other notable industries were Construction, Education, Manufacturing and Agriculture, forestry and fishing industries in 2014 and 2015, (See table 3).

In terms of the three broad industrial groupings, the tertiary industries had the highest percentage share of GDP, accounting for over half of the GDP in both 2014 (53.5 percent) and 2015 (56.4 percent). In 2014, the primary industries were second at 21.4 percent while in 2015; the secondary industries were second at 20.8 percent. It is worth noting that the primary industries have had a higher share of GDP from 2010 up until 2014 than the secondary industries. In 2015, there was a drop in both Mining and Agriculture industries coupled with an increase in the Constructing and Manufacturing industries which led to the secondary industries recording a higher share of the GDP than the primary industries in 2015.

**Table 3: Gross Value Added Percentage Shares at Current Prices by kind of Economic Activity, 2010 – 2015**

Kind of Economic Activity	2010	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	9.4	9.6	9.3	8.2	6.8	5.0
Mining and quarrying	12.8	15.4	14.5	17.0	14.6	12.7
<b>Primary Industries</b>	<b>22.2</b>	<b>25.0</b>	<b>23.8</b>	<b>25.2</b>	<b>21.4</b>	<b>17.7</b>
Manufacturing	7.6	7.5	7.1	6.2	6.8	7.5
Electricity, gas, steam and air conditioning supply	1.7	2.1	1.8	1.5	2.4	3.1
Water supply; sewerage, waste management and remediation	0.2	0.3	0.3	0.3	0.2	0.2
Construction	10.0	9.1	8.4	7.7	8.9	10.0
<b>Secondary Industries</b>	<b>19.5</b>	<b>19.1</b>	<b>17.5</b>	<b>15.6</b>	<b>18.3</b>	<b>20.8</b>
Wholesale and retail trade; repair of motor vehicles and motor-cycles	18.1	19.6	19.7	21.9	21.8	22.4
Transportation and storage	5.9	4.3	4.3	3.4	3.6	4.0
Accommodation and food services	1.6	1.5	1.9	1.8	1.6	1.7
Information and communication	1.6	2.9	3.2	2.7	2.3	2.9
Financial and insurance services	4.1	3.3	3.1	2.9	3.1	3.9
Real estate	4.1	3.9	3.8	3.7	4.1	4.8
Professional, scientific and technical services	1.5	1.3	1.8	1.8	1.7	1.4
Administrative and support service	1.6	1.0	0.8	0.9	0.8	0.9
Public administration and defense; compulsory social security	4.0	3.1	4.9	4.6	4.4	4.4
Education	7.0	6.7	7.1	7.3	7.8	7.8
Human health and social work	2.0	1.6	1.7	1.2	1.3	1.3
Arts, entertainment and recreation	0.4	0.3	0.2	0.3	0.3	0.3
Other services	0.8	0.7	0.7	0.6	0.6	0.5
<b>Tertiary Industries</b>	<b>52.8</b>	<b>50.4</b>	<b>53.2</b>	<b>53.1</b>	<b>53.5</b>	<b>56.4</b>
<b>Total Value Added for the economy</b>	<b>94.5</b>	<b>94.5</b>	<b>94.5</b>	<b>93.9</b>	<b>93.2</b>	<b>94.9</b>
Taxes less subsidies on products	5.5	5.5	5.5	6.1	6.8	5.1
<b>Gross Domestic Product (GDP)</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>







### 3.1.2 Gross Output

Table 4 shows the Gross Output by kind of economic activities at current prices from 2010 to 2015.

The Gross Output at current prices for Zambia for the years 2014 and 2015 was estimated at K277,376.1.0 million and K314,437.5 million, respectively. Wholesale and Retail trade industry had the largest percentage share of output for the two years, averaging 20.2 percent followed by Mining and Quarrying industry averaging 17.2 percent.

**Table 4: Gross Output (K'Million) by Kind of Economic Activity at Current Prices , 2010 – 2015**

Kind of Economic Activity	Year					
	2010	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	15,658.5	15,904.9	16,847.5	17,787.7	17,477.1	16,116.7
Mining and quarrying	21,898.4	36,412.6	41,696.2	46,204.5	48,672.9	52,761.9
<b>Primary Industries</b>	<b>37,556.9</b>	<b>52,317.5</b>	<b>58,543.7</b>	<b>63,992.1</b>	<b>66,150.0</b>	<b>68,878.6</b>
Manufacturing	21,910.6	21,921.1	25,223.5	28,064.9	35,848.4	40,228.5
Electricity, gas, steam and air conditioning supply	2,158.0	2,773.2	3,062.3	3,530.3	6,990.0	10,257.6
Water supply; sewerage, waste management and remediation	266.8	494.0	536.7	700.6	628.6	665.0
Construction	17,661.3	18,550.5	19,376.7	21,193.0	25,699.0	30,216.9
<b>Secondary Industries</b>	<b>41,996.7</b>	<b>43,738.8</b>	<b>48,199.2</b>	<b>53,488.8</b>	<b>69,165.9</b>	<b>81,368.0</b>
Wholesale and retail trade; repair of motor vehicles and motorcycles	24,151.6	28,709.9	32,804.3	42,307.2	56,268.7	63,298.4
Transportation and storage	8,925.4	7,712.5	8,804.6	8,479.3	12,611.9	15,974.9
Accommodation and food services	2,635.0	2,075.3	3,137.5	3,315.0	4,688.1	5,381.5
Information and communication	4,253.8	4,058.7	4,899.6	4,920.9	5,550.1	7,455.8
Financial and insurance services	5,437.2	5,138.3	5,636.1	6,348.8	8,697.2	11,459.2
Real estate	5,530.2	5,654.7	6,042.0	6,790.9	8,785.5	10,736.8
Professional, scientific and technical services	2,560.8	1,886.6	2,920.1	3,039.1	4,767.1	4,695.2
Administrative and support service	2,383.2	1,970.4	1,532.7	1,658.8	3,357.1	4,268.7
Public administration and defense; compulsory social security	5,764.3	7,351.7	9,414.2	11,904.4	13,037.2	15,572.3
Education	8,455.7	9,513.5	11,243.9	13,412.3	16,710.9	17,290.5
Human health and social work	3,471.0	3,183.8	3,888.3	3,561.1	4,140.7	4,600.7
Arts, entertainment and recreation	487.2	680.2	692.0	1,305.2	953.7	1,166.3
Other services	2,084.7	2,069.1	2,264.7	2,491.3	2,492.0	2,290.6
<b>Tertiary Industries</b>	<b>76,140.1</b>	<b>80,004.6</b>	<b>93,279.9</b>	<b>109,534.4</b>	<b>142,060.2</b>	<b>164,190.9</b>
<b>Total for the economy</b>	<b>155,693.7</b>	<b>176,060.9</b>	<b>200,022.8</b>	<b>227,015.3</b>	<b>277,376.1</b>	<b>314,437.5</b>







**Table 5: Gross Output Percentage Shares by Kind of Economic Activity at Current Prices for the Years, 2010 – 2015.**

Kind of Economic Activity	Percentage Shares, Current Prices					
	2010	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	10.1	9.0	8.4	7.8	6.3	5.1
Mining and quarrying	14.1	20.7	20.8	20.4	17.5	16.8
<b>Primary Industries</b>	<b>24.1</b>	<b>29.7</b>	<b>29.3</b>	<b>28.2</b>	<b>23.8</b>	<b>21.9</b>
Manufacturing	14.1	12.5	12.6	12.4	12.9	12.8
Electricity, gas, steam and air conditioning supply	1.4	1.6	1.5	1.6	2.5	3.3
Water supply; sewerage, waste management and remediation	0.2	0.3	0.3	0.3	0.2	0.2
Construction	11.3	10.5	9.7	9.3	9.3	9.6
<b>Secondary Industries</b>	<b>27.0</b>	<b>24.8</b>	<b>24.1</b>	<b>23.6</b>	<b>24.9</b>	<b>25.9</b>
Wholesale and retail trade; repair of motor vehicles and motorcycles	15.5	16.3	16.4	18.6	20.3	20.1
Transportation and storage	5.7	4.4	4.4	3.7	4.5	5.1
Accommodation and food services	1.7	1.2	1.6	1.5	1.7	1.7
Information and communication	2.7	2.3	2.4	2.2	2.0	2.4
Financial and insurance services	3.5	2.9	2.8	2.8	3.1	3.6
Real estate	3.6	3.2	3.0	3.0	3.2	3.4
Professional, scientific and technical services	1.6	1.1	1.5	1.3	1.7	1.5
Administrative and support service	1.5	1.1	0.8	0.7	1.2	1.4
Public administration and defense; compulsory social security	3.7	4.2	4.7	5.2	4.7	5.0
Education	5.4	5.4	5.6	5.9	6.0	5.5
Human health and social work	2.2	1.8	1.9	1.6	1.5	1.5
Arts, entertainment and recreation	0.3	0.4	0.3	0.6	0.3	0.4
Other services	1.3	1.2	1.1	1.1	0.9	0.7
<b>Tertiary Industries</b>	<b>48.9</b>	<b>45.4</b>	<b>46.6</b>	<b>48.2</b>	<b>51.2</b>	<b>52.2</b>
<b>Total for the economy</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

### 3.1.3 Intermediate Consumption

Table 6 shows the Intermediate Consumption by kind of economic activity at current prices for the period 2010 to 2015.

Intermediate Consumption at current prices for the years 2014 and 2015 was estimated at K 121,049.9 million and K140,484.2 million, respectively.

**Table 6: Intermediate Consumption (K'Million) by Kind of Economic Activity at Current Prices, 2010 – 2015**

Kind of Economic Activity	Percentage Shares, Current Prices					
	2010	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	6,499.9	4,903.3	4,610.8	5,338.4	6,151.6	6,982.8
Mining and quarrying	9,469.7	18,897.6	22,639.2	20,517.6	24,223.3	29,517.7
<b>Primary Industries</b>	<b>15,969.6</b>	<b>23,800.9</b>	<b>27,250.0</b>	<b>25,856.0</b>	<b>30,374.9</b>	<b>36,500.5</b>
Manufacturing	14,543.3	13,350.4	15,935.0	18,702.3	24,455.4	26,434.0
Electricity, gas, steam and air conditioning supply	534.2	353.0	744.5	1,327.7	3,026.8	4,593.2
Water supply; sewerage, waste management and remediation	106.6	130.7	144.4	201.0	298.8	291.9
Construction	7,900.0	8,142.9	8,411.4	9,604.8	10,800.4	11,863.5
<b>Secondary Industries</b>	<b>23,084.0</b>	<b>21,977.0</b>	<b>25,235.2</b>	<b>29,835.8</b>	<b>38,581.3</b>	<b>43,182.5</b>
Wholesale and retail trade; repair of motor vehicles and motorcycles	6,561.1	6,339.7	6,975.6	9,180.7	19,852.8	22,168.6
Transportation and storage	3,219.5	2,766.9	3,137.6	3,379.5	6,614.2	8,684.5
Accommodation and food services	1,035.6	310.4	690.1	619.6	1,933.6	2,306.4
Information and communication	2,666.2	722.9	756.6	814.7	1,714.1	2,126.0
Financial and insurance services	1,459.3	1,401.6	1,536.5	1,932.7	3,441.0	4,360.5
Real estate	1,518.1	1,156.0	999.2	1,190.3	1,909.7	1,896.0
Professional, scientific and technical services	1,055.3	404.3	502.9	383.3	1,908.8	2,053.3
Administrative and support service	805.6	785.4	492.0	328.1	2,074.8	2,630.7
Public administration and defense; compulsory social security	1,858.9	3,870.7	2,930.0	4,870.4	5,081.9	7,469.3
Education	1,637.2	1,826.1	1,978.6	2,404.7	3,625.2	2,907.3
Human health and social work	1,570.8	1,341.7	1,662.4	1,760.3	1,965.5	2,196.9
Arts, entertainment and recreation	119.1	481.8	387.8	797.6	432.7	595.9
Other services	1,296.9	1,277.4	1,400.6	1,532.1	1,539.4	1,405.7
<b>Tertiary Industries</b>	<b>24,803.8</b>	<b>22,684.8</b>	<b>23,450.0</b>	<b>29,193.9</b>	<b>52,093.7</b>	<b>60,801.1</b>
<b>Total for the economy</b>	<b>63,857.4</b>	<b>68,462.7</b>	<b>75,935.2</b>	<b>84,885.8</b>	<b>121,049.9</b>	<b>140,484.2</b>





Table 7 shows the Intermediate Consumption percentage shares by kind of economic activity at current prices from 2010 to 2015.

In 2014 the Intermediate costs for the Manufacturing industry was the highest (20.2 percent) while in 2015 Mining and Quarrying industry had the highest (21.0 percent) intermediate costs.

**Table 7: Intermediate Consumption Percentage Shares by Kind of Economic Activity at Current Prices 2010 – 2015**

Kind of Economic Activity	Year					
	2010	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	10.2	7.2	6.1	6.3	5.1	5.0
Mining and quarrying	14.8	27.6	29.8	24.2	20.0	21.0
<b>Primary Industries</b>	<b>25.0</b>	<b>34.8</b>	<b>35.9</b>	<b>30.5</b>	<b>25.1</b>	<b>26.0</b>
Manufacturing	22.8	19.5	21.0	22.0	20.2	18.8
Electricity, gas, steam and air conditioning supply	0.8	0.5	1.0	1.6	2.5	3.3
Water supply; sewerage, waste management and remediation	0.2	0.2	0.2	0.2	0.2	0.2
Construction	12.4	11.9	11.1	11.3	8.9	8.4
<b>Secondary Industries</b>	<b>36.1</b>	<b>32.1</b>	<b>33.2</b>	<b>35.1</b>	<b>31.9</b>	<b>30.7</b>
Wholesale and retail trade; repair of motor vehicles and motorcycles	10.3	9.3	9.2	10.8	16.4	15.8
Transportation and storage	5.0	4.0	4.1	4.0	5.5	6.2
Accommodation and food services	1.6	0.5	0.9	0.7	1.6	1.6
Information and communication	4.2	1.1	1.0	1.0	1.4	1.5
Financial and insurance services	2.3	2.0	2.0	2.3	2.8	3.1
Real estate	2.4	1.7	1.3	1.4	1.6	1.3
Professional, scientific and technical services	1.7	0.6	0.7	0.5	1.6	1.5
Administrative and support service	1.3	1.1	0.6	0.4	1.7	1.9
Public administration and defense; compulsory social security	2.9	5.7	3.9	5.7	4.2	5.3
Education	2.6	2.7	2.6	2.8	3.0	2.1
Human health and social work	2.5	2.0	2.2	2.1	1.6	1.6
Arts, entertainment and recreation	0.2	0.7	0.5	0.9	0.4	0.4
Other services	2.0	1.9	1.8	1.8	1.3	1.0
<b>Tertiary Industries</b>	<b>38.8</b>	<b>33.1</b>	<b>30.9</b>	<b>34.4</b>	<b>43.0</b>	<b>43.3</b>
<b>Total for the economy</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>





### 3.2 Gross Value Added at Constant Price

Table 8 shows GDP estimates by kind of economic activity at constant prices for the years 2010-2015. Zambia's Gross Domestic Product (GDP) in constant 2010 prices for 2014 and 2015 was estimated at K121,452.1 million and K125,003.5 million, respectively.

**Table 8: Gross Value Added by Kind of Economic Activity at Constant Prices, 2010 base, 2010 to 2015 (K'Million)**

Kind of Economic Activity	2010	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	9,158.7	9,871.1	10,205.2	9,813.0	9,917.0	9,149.8
Mining and quarrying	12,428.7	12,435.7	12,538.0	12,985.2	12,687.2	12,716.7
Primary Industries	21,587.3	22,306.8	22,743.2	22,798.2	22,604.2	21,866.5
Manufacturing	7,367.3	8,148.0	8,540.0	9,070.4	9,663.7	10,203.1
Electricity, gas, steam and air conditioning supply	1,623.8	1,825.0	1,897.8	2,050.2	2,090.2	2,059.2
Water supply; sewerage, waste management and remediation	160.2	289.2	317.8	410.2	377.7	352.5
Construction	9,761.3	9,967.5	10,029.9	9,678.8	10,704.7	12,627.5
Secondary Industries	18,912.7	20,229.8	20,785.5	21,209.7	22,836.3	25,242.3
Wholesale and retail trade; repair of motor vehicles and motorcycles	17,590.5	21,025.7	22,779.8	27,288.7	28,219.7	28,613.8
Transportation and storage	5,705.9	4,832.4	5,094.4	4,086.3	4,357.3	4,382.1
Accommodation and food services	1,599.4	1,641.2	2,193.3	2,275.8	2,367.4	2,371.4
Information and communication	1,587.5	3,323.5	4,067.8	3,925.3	4,220.5	4,325.2
Financial and insurance services	3,977.9	3,736.7	4,032.1	3,764.2	4,331.7	4,854.2
Real estate	4,012.1	4,113.2	4,156.9	4,059.3	4,166.6	4,295.3
Professional, scientific and technical services	1,505.5	1,393.2	2,131.9	2,187.8	2,171.4	2,197.2
Administrative and support service	1,577.7	1,157.9	935.6	1,066.3	1,085.5	1,129.9
Public administration and defense; compulsory social security	3,905.4	3,271.8	4,533.1	5,794.4	6,056.7	6,179.0
Education	6,818.5	7,115.9	7,856.4	8,325.3	9,232.7	9,281.6
Human health and social work	1,900.2	1,693.4	1,907.5	1,461.1	1,620.4	1,667.7
Arts, entertainment and recreation	368.1	322.5	271.3	434.2	497.7	516.8
Other services	787.7	782.7	823.4	913.2	935.5	964.4
Tertiary Industries	51,336.3	54,410.1	60,783.5	65,581.9	69,263.1	70,778.4
<b>Total for the economy</b>	<b>91,836.3</b>	<b>96,946.6</b>	<b>104,312.3</b>	<b>109,589.8</b>	<b>114,703.6</b>	<b>117,887.3</b>
Taxes less subsidies on products	5,379.6	5,679.0	6,110.4	6,419.6	6,748.5	7,116.2
<b>Gross Domestic Product (GDP)</b>	<b>97,215.9</b>	<b>102,625.6</b>	<b>110,422.7</b>	<b>116,009.4</b>	<b>121,452.1</b>	<b>125,003.5</b>





Total GDP growth rate at constant prices dropped from 4.7 percent to 2.9 percent in the years 2014 and 2015, respectively.

In 2014, Agriculture, forestry and fishing recorded a growth of 1.1 percent while in 2015, it recorded a negative growth of 7.7 percent. Electricity, gas, steam and air conditioning supply recorded a growth of 1.9 percent in 2014 and a negative growth of 1.5 percent in 2015.

Despite the drop in the overall GDP growth from 2014 to 2015, Construction, Manufacturing, Financial and Insurance and Wholesale and retail trade industries recorded positive growths.

**Table 9: Gross Value Added Percentage Growth Rates by Kind of Economic Activity at Constant 2010 Prices, 2011 to 2015**

Kind of Economic Activity	Percentage Shares, Constant Prices				
	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	7.8	3.4	-3.8	1.1	-7.7
Mining and quarrying	0.1	0.8	3.6	-2.3	0.2
Primary Industries	3.3	2.0	0.2	-0.9	-3.3
Manufacturing	10.6	4.8	6.2	6.5	5.6
Electricity, gas, steam and air conditioning supply	12.4	4.0	8.0	1.9	-1.5
Water supply; sewerage, waste management and remediation	80.5	9.9	29.1	-7.9	-6.7
Construction	2.1	0.6	-3.5	10.6	18.0
Secondary Industries	7.0	2.7	2.0	7.7	10.5
Wholesale and retail trade; repair of motor vehicles and motorcycles	19.5	8.3	19.8	3.4	1.4
Transportation and storage	-15.3	5.4	-19.8	6.6	0.6
Accommodation and food services	2.6	33.6	3.8	4.0	0.2
Information and communication	109.4	22.4	-3.5	7.5	2.5
Financial and insurance services	-6.1	7.9	-6.6	15.1	12.1
Real estate	2.5	1.1	-2.3	2.6	3.1
Professional, scientific and technical services	-7.5	53.0	2.6	-0.7	1.2
Administrative and support service	-26.6	-19.2	14.0	1.8	4.1
Public administration and defense; compulsory social security	-16.2	38.6	27.8	4.5	2.0
Education	4.4	10.4	6.0	10.9	0.5
Human health and social work	-10.9	12.6	-23.4	10.9	2.9
Arts, entertainment and recreation	-12.4	-15.9	60.1	14.6	3.8
Other services	-0.6	5.2	10.9	2.4	3.1
Tertiary Industries	6.0	11.7	7.9	5.6	2.2
<b>Total for the economy</b>	<b>5.6</b>	<b>7.6</b>	<b>5.1</b>	<b>4.7</b>	<b>2.8</b>
Taxes less subsidies on products	5.6	7.6	5.1	5.1	5.4
<b>Gross Domestic Product (GDP)</b>	<b>5.6</b>	<b>7.6</b>	<b>5.1</b>	<b>4.7</b>	<b>2.9</b>







Table 10 shows Gross Value Added percentage effect by kind of economic activity, 2011 to 2015. Percentage effect explains the main contributors to the total growth rate for each year. The results show that construction recorded the highest contribution to the total growth in both 2014 (0.9 percentage points) and 2015 (1.6 percentage points).

**Table 10: Gross Value Added Percentage Effects by Kind of Economic Activity at Constant Prices, 2011 – 2015**

Kind of Economic Activity	Year				
	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	0.7	0.3	-0.4	0.1	-0.6
Mining and quarrying	0.0	0.1	0.4	-0.3	0.0
<b>Primary Industries</b>	<b>0.7</b>	<b>0.4</b>	<b>0.0</b>	<b>-0.2</b>	<b>-0.6</b>
Manufacturing	0.8	0.4	0.5	0.5	0.4
Electricity, gas, steam and air conditioning supply	0.2	0.1	0.1	0.0	0.0
Water supply; sewerage, waste management and remediation	0.1	0.0	0.1	0.0	0.0
Construction	0.2	0.1	-0.3	0.9	1.6
<b>Secondary Industries</b>	<b>1.4</b>	<b>0.5</b>	<b>0.4</b>	<b>1.4</b>	<b>2.0</b>
Wholesale and retail trade; repair of motor vehicles and motorcycles	3.5	1.7	4.1	0.8	0.3
Transportation and storage	-0.9	0.3	-0.9	0.2	0.0
Accommodation and food services	0.0	0.5	0.1	0.1	0.0
Information and communication	1.8	0.7	-0.1	0.3	0.1
Financial and insurance services	-0.2	0.3	-0.2	0.5	0.4
Real estate	0.1	0.0	-0.1	0.1	0.1
Professional, scientific and technical services	-0.1	0.7	0.1	0.0	0.0
Administrative and support service	-0.4	-0.2	0.1	0.0	0.0
Public administration and defense; compulsory social security	-0.7	1.2	1.1	0.2	0.1
Education	0.3	0.7	0.4	0.8	0.0
Human health and social work	-0.2	0.2	-0.4	0.1	0.0
Arts, entertainment and recreation	0.0	0.0	0.1	0.1	0.0
Other services	0.0	0.0	0.1	0.0	0.0
<b>Tertiary Industries</b>	<b>3.2</b>	<b>6.2</b>	<b>4.3</b>	<b>3.2</b>	<b>1.3</b>
<b>Total Value Added for the economy</b>	<b>5.3</b>	<b>7.2</b>	<b>4.8</b>	<b>4.4</b>	<b>2.6</b>
Taxes less subsidies on products	0.3	0.4	0.3	0.3	0.3
<b>Gross Domestic Product (GDP)</b>	<b>5.6</b>	<b>7.6</b>	<b>5.1</b>	<b>4.7</b>	<b>2.9</b>

### 3.3 GDP by Expenditure Approach

Gross Domestic Product is also estimated using the expenditure categories that comprise Final Consumption, Gross Capital Formation and Net Exports of goods and services. The goods and services included are largely those bought for final use (excluding illegal transaction) in the market economy. A number of inclusions, however, represent imputed values, the most important of which is the rental value of owner-occupied housing. Fixed capital formation is expenditure for produced assets that are used in the production process for more than one year. Examples included dwellings and non-residential buildings, civil engineering works, transport equipment, machinery, equipment and computers and cultivated assets such as trees and livestock. It also includes changes in inventories.

Final expenditure components of GDP (E) are specified according to the internationally accepted classification standards; household final consumption expenditures (HFCE) are prepared at 3-digit level of COICOP; Government Final Consumption Expenditures (GFCE) are prepared by main functions according to COFOG, distinguishing government services for individual and collective consumption.

#### 3.3.1 GDP by Final Expenditure Categories at current prices

Results show that GDP by expenditure categories at current prices for 2014 and 2015 was estimated at K164,237.8 million and K180,092.0million, respectively. Ideally, the GDP by production and expenditure approaches should be equal. However, due to the different data sources there is usually a difference between the two approaches referred to as the Discrepancy.



**Table 11: GDP by Final Expenditure Categories at Current Prices, 2010 to 2015 (K'Million)**

	2010	2011	2012	2013	2014	2015
Final consumption expenditures	62,190.4	75,270.1	84,816.4	97,435.7	111,408.9	119,995.2
Private Consumption	53,071.9	63,586.9	69,198.5	78,997.1	87,146.3	92,890.3
Households	48,978.8	59,018.2	64,211.1	73,405.6	81,567.1	87,648.0
NPISHs	4,093.1	4,568.6	4,987.3	5,591.5	5,579.1	5,242.4
Government	9,118.5	11,683.3	15,617.9	18,438.6	24,262.6	27,104.8
Individual consumption expenditure of Government	6,392.5	7,958.3	11,498.4	14,212.6	17,797.9	19,509.1
Government Collective consumption	2,726.0	3,724.9	4,119.6	4,226.1	6,464.7	7,595.7
Gross Capital formation	29,045.7	38,364.5	41,685.3	51,510.8	56,869.5	78,471.5
Gross fixed capital formation, incl. valuables	25,173.8	32,760.6	31,656.0	39,400.4	51,805.2	70,490.8
Changes in inventories	3,871.9	5,604.0	10,029.3	12,110.4	5,064.3	7,980.7
Net export of goods and services	5,979.8	5,391.0	1,398.2	-5,495.7	-4,040.6	-18,404.4
Exports of goods and services	35,995.1	46,149.2	52,617.6	61,262.9	64,853.8	68,107.2
Export of goods	34,500.1	42,915.0	47,666.3	57,176.0	59,614.7	60,685.1
Export of services	1,495.1	3,234.2	4,951.3	4,087.0	5,239.1	7,422.1
Import of goods and services	30,015.4	40,758.2	51,219.4	66,758.6	68,894.3	86,511.6
Import of goods	25,507.5	35,445.6	44,548.8	56,966.1	58,769.2	74,171.1
Import of services	4,507.9	5,312.6	6,670.6	9,792.5	10,125.2	12,340.4
<b>GDP Expenditure</b>	<b>97,215.9</b>	<b>119,025.7</b>	<b>127,900.0</b>	<b>143,450.8</b>	<b>164,237.8</b>	<b>180,062.3</b>
<b>Discrepancy</b>	<b>0.0</b>	<b>-4,993.2</b>	<b>3,373.5</b>	<b>7,879.6</b>	<b>2,814.7</b>	<b>3,318.8</b>

Results shown in Table 12 specify that Final consumption expenditure had the largest contribution to GDP (E) during the years 2014 and 2015 of about 67.8 percent and 66.6 percent, respectively. Expenditure by households remained the largest item in the Final consumption expenditures category. Net exports had the lowest contribution during the year under review.

**Table 12: Percentage Shares of Final Expenditure Categories, 2010 – 2015**

	2010	2011	2012	2013	2014	2015
Final consumption expenditures	64.0	63.2	66.3	67.9	67.8	66.6
Private Consumption	54.6	53.4	54.1	55.1	53.1	51.6
Households	50.4	49.6	50.2	51.2	49.7	48.7
NPISHs	4.2	3.8	3.9	3.9	3.4	2.9
Government	9.4	9.8	12.2	12.9	14.8	15.1
Individual consumption expenditure of Government	6.6	6.7	9.0	9.9	10.8	10.8
Government Collective consumption	2.8	3.1	3.2	2.9	3.9	4.2
Gross Capital formation	29.9	32.2	32.6	35.9	34.6	43.6
Gross fixed capital formation, incl. valuables	25.9	27.5	24.8	27.5	31.5	39.1
Changes in inventories	4.0	4.7	7.8	8.4	3.1	4.4
Net export of goods and services	6.2	4.5	1.1	-3.8	-2.5	-10.2
Exports of goods and services	37.0	38.8	41.1	42.7	39.5	37.8
Export of goods	35.5	36.1	37.3	39.9	36.3	33.7
Export of services	1.5	2.7	3.9	2.8	3.2	4.1
Import of goods and services	30.9	34.2	40.0	46.5	41.9	48.0
Import of goods	26.2	29.8	34.8	39.7	35.8	41.2
Import of services	4.6	4.5	5.2	6.8	6.2	6.9
<b>GDP Expenditure</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Discrepancy</b>	<b>0.0</b>	<b>-4.2</b>	<b>2.6</b>	<b>5.5</b>	<b>1.7</b>	<b>1.8</b>

### 3.4 GDP by Income Approach

CSO has continued to calculate GDP by income components, describing the primary distribution of the generated income into labour and capital, operating surplus (formal establishments) and/or mixed income of the informal sector activities. Note that the Total GDP by income approach is exactly equal to the Total GDP by production approach because the mixed income/operating surplus are obtained as a residue.

The results show that net operating surplus had the largest share in GDP for the two years, accounting for 37.4 percent and 37.8 percent for 2014 and 2015, respectively. This is followed by compensation of employees (See Tables 13 and 14).





**Table 13: Gross Value Added by Income Components at Current Prices, 2010 – 2015, (K'Million)**

Components	2010	2011	2012	2013	2014	2015
Compensation of employees	30,007.4	32,658.1	43,109.1	43,979.7	51,220.0	54,214.3
Wages and salaries	27,949.6	30,544.3	40,429.9	40,772.0	47,500.9	50,540.4
Employer's social contributions	2,057.9	2,113.8	2,679.2	3,207.7	3,719.1	3,673.9
Other taxes on production	18.4	472.1	504.8	538.0	494.5	455.5
Other subsidies on production	32.0	53.8	20.6	27.0	21.2	24.5
Consumption of fixed capital	6,621.7	9,647.8	9,544.5	12,929.9	5,894.8	7,906.9
Operating surplus, net	30,707.1	37,761.0	43,686.2	53,837.3	62,551.9	69,353.7
Mixed income, net	24,513.0	27,250.3	27,357.8	30,957.7	35,613.8	42,047.5
<b>Total for the economy</b>	<b>91,836.3</b>	<b>107,735.8</b>	<b>124,087.6</b>	<b>142,129.6</b>	<b>155,753.8</b>	<b>173,953.4</b>
Taxes less subsidies	5,379.6	6,296.8	7,185.9	9,200.9	11,298.7	9,427.7
<b>Total GDP by income components</b>	<b>97,215.9</b>	<b>114,032.5</b>	<b>131,273.5</b>	<b>151,330.5</b>	<b>167,052.5</b>	<b>183,381.1</b>

**Table 14: Gross Value Added Percentage Shares by Income Components at Current Prices, 2010 – 2015, (K'Million)**

Components	2010	2011	2012	2013	2014	2015
Compensation of employees	30.9	28.6	32.8	29.1	30.7	29.6
Wages and salaries	28.7	26.8	30.8	26.9	28.4	27.6
Employer's social contributions	2.1	1.9	2.0	2.1	2.2	2.0
Other taxes on production	0.0	0.4	0.4	0.4	0.3	0.2
Other subsidies on production	0.0	0.0	0.0	0.0	0.0	0.0
Consumption of fixed capital	6.8	8.5	7.3	8.5	3.5	4.3
Operating surplus, net	31.6	33.1	33.3	35.6	37.4	37.8
Mixed income, net	25.2	23.9	20.8	20.5	21.3	22.9
<b>Total for the economy</b>	<b>94.5</b>	<b>94.5</b>	<b>94.5</b>	<b>93.9</b>	<b>93.2</b>	<b>94.9</b>
Taxes less subsidies	5.5	5.5	5.5	6.1	6.8	5.1
<b>Total GDP by income components</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>







## 4.0 Gross National Income, National Disposable Income and Savings

Gross Domestic Product (GDP) can be contrasted with Gross National Income (GNI), in that, the former defines its scope according to location while the latter according to ownership (residents). GNI is the value of all final goods and services produced in one year by labour and property supplied by the residents of a country. GNI is therefore GDP plus Net primary income.

Table 12.0 shows Gross National Income (GNI), Gross Disposable Income (GDI) and Gross Savings. The Gross National Income in nominal terms was estimated at K164,444.3 million in 2014 and at K180,373.8 million in 2015. The Net Primary Income has continued to be negative over the years.

The Gross Disposable Income is derived by adding net current transfers to the GNI. The net current transfers in nominal terms increased marginally from K1,854.5 million in 2014 to K1,951.9 million in 2015. Gross Savings is obtained by subtracting final consumption expenditures from Gross Disposable Income. When the value of net capital transfers is added to Gross Savings and the value of Gross Capital Formation is subtracted from it, the result is Net lending (if the value is positive) or Net borrowing (if the value is negative).

Table 15: Gross National Income, National Disposable Income and Savings, 2010 – 2015, (K'Million)						
	2010	2011	2012	2013	2014	2015
GDP AT CURRENT PRICES	97,215.9	114,032.5	131,273.5	151,330.5	167,625.0	183,381.1
NET PRIMARY INCOME	-6,519.1	-5,614.7	-1,714.9	-6,217.5	-3,180.6	-3,007.3
<b>GROSS NATIONAL INCOME</b>	<b>90,696.8</b>	<b>108,417.8</b>	<b>129,558.6</b>	<b>145,113.0</b>	<b>164,444.3</b>	<b>180,373.8</b>
NET CURRENT TRANSFERS	2,071.3	1,184.3	1,696.9	1,861.1	1,854.5	1,951.9
<b>GROSS DISPOSABLE INCOME</b>	<b>92,768.1</b>	<b>109,602.1</b>	<b>131,255.5</b>	<b>146,974.1</b>	<b>166,298.8</b>	<b>182,325.7</b>
FINAL CONSUMPTION EXPENDITURES	62,190.0	75,270.1	84,816.4	97,435.7	111,408.9	120,024.9
GOVERNMENT	9,118.1	11,683.3	15,617.9	18,438.6	24,262.6	27,104.8
HOUSEHOLDS	53,071.9	63,586.9	69,198.5	78,997.1	87,146.3	92,920.0
<b>GROSS SAVINGS</b>	<b>30,578.1</b>	<b>34,332.0</b>	<b>46,439.1</b>	<b>49,538.4</b>	<b>54,890.0</b>	<b>62,300.8</b>
NET CAPITAL TRANSFERS	718.1	733.9	1,146.7	1,499.7	1,243.1	697.8
GROSS CAPITAL FORMATION (FIXED, INVENTORIES)	29,045.7	38,364.5	41,685.3	51,510.8	56,869.5	78,471.5
<b>NET LENDING(+)/NET BORROWING(-)</b>	<b>2,250.5</b>	<b>-3,298.6</b>	<b>5,900.5</b>	<b>-472.7</b>	<b>-736.5</b>	<b>-15,472.8</b>

## 5.0 Value Added by Institutional Sectors

There are five institutional sectors, namely; Non-financial Corporations, Financial Corporations, General Government, Households and Non-Profit Institutions Serving Households (NPISH). Institutional Sector groups institutional units<sup>1</sup> on the basis of their principle functions, behavior and objectives. Table 16 shows that Non-financial corporations had the largest shares of Value Added accounting for about 50 percent in 2014 and 2015.

Table 16: Gross Value Added by Institutional Sectors at current prices, 2010 – 2015, (K'Million)						
Sectors	2010	2011	2012	2013	2014	2015
Non-financial Corporations	46,289.2	58,541.5	69,569.5	82,178.7	85,079.0	91,640.8
Financial Corporations	3,661.1	3,395.5	3,756.6	4,064.3	4,861.8	6,668.7
General Government	7,055.3	7,752.4	11,926.2	12,585.0	16,259.2	17,871.0
Households	32,671.5	35,713.9	36,288.9	40,446.8	46,616.7	54,834.4
Non-profit Institutions Serving households	2,159.1	2,332.6	2,546.3	2,854.8	2,937.1	2,938.4
<b>Total Value Added for the economy</b>	<b>91,836.3</b>	<b>107,735.8</b>	<b>124,087.6</b>	<b>142,129.5</b>	<b>155,753.8</b>	<b>173,953.3</b>
<b>Taxes less subsidies on products</b>	<b>5,379.6</b>	<b>6,296.8</b>	<b>7,185.9</b>	<b>9,200.9</b>	<b>11,298.7</b>	<b>9,427.7</b>
<b>GDP at purchasers prices</b>	<b>97,215.9</b>	<b>114,032.6</b>	<b>131,273.5</b>	<b>151,330.5</b>	<b>167,052.5</b>	<b>183,381.1</b>

<sup>1</sup> An institutional unit is an economic entity that is capable, in its own right, of owning assets, incurring liabilities and engaging in economic activities and in transactions with other entities.







The households (Informal Sector) accounted for 27.9 percent in 2014 and 29.9 percent in 2015. NPISH had the lowest percentage share averaging 1.7 percent in the two years.

**Table 17: Gross Value Added Percentage Shares by Institutional Sectors at current prices, 2010 – 2015, (K'Million)**

Sectors	2010	2011	2012	2013	2014	2015
Non-financial Corporations	47.6	51.3	53.0	54.3	50.9	50.0
Financial Corporations	3.8	3.0	2.9	2.7	2.9	3.6
General Government	7.3	6.8	9.1	8.3	9.7	9.7
Households	33.6	31.3	27.6	26.7	27.9	29.9
Non-profit Institutions Serving households	2.2	2.0	1.9	1.9	1.8	1.6
<b>Total Value Added for the economy</b>	<b>94.5</b>	<b>94.5</b>	<b>94.5</b>	<b>93.9</b>	<b>93.2</b>	<b>94.9</b>
<b>Taxes less subsidies on products</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>6.1</b>	<b>6.8</b>	<b>5.1</b>
<b>GDP at purchasers prices</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>





## Appendices

### Appendix I: Gross Output by Kind of Economic Activity at Current Prices, 2010 - 2015 (K'Million)

Kind of Economic Activity	2010	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	15,658.5	15,904.9	16,847.5	17,787.7	17,477.1	16,116.7
Agriculture	13,809.0	13,945.4	14,748.0	15,562.1	14,747.4	13,091.9
Forestry & Logging	1,349.0	1,487.8	1,556.3	1,668.6	2,040.0	2,314.8
Fishing & Aquaculture	500.5	471.7	543.2	557.0	689.7	710.0
Mining and quarrying	21,898.4	36,412.6	41,696.2	46,204.5	48,672.9	52,761.9
Mining	19,278.9	33,909.4	37,895.6	42,047.1	43,152.9	48,010.1
Other mining and quarrying	2,619.5	2,503.2	3,800.6	4,157.3	5,519.9	4,751.8
Manufacturing	21,910.6	21,921.1	25,223.5	28,064.9	35,848.4	40,228.5
Food, Beverages and Tobacco	7,268.6	6,942.4	7,863.0	8,885.5	13,048.1	13,945.2
Textile, and leather industries	737.6	710.6	775.8	778.4	542.2	578.8
Wood and wood products	359.7	374.8	445.2	437.3	434.5	472.1
Paper and Paper products	491.8	658.3	673.6	590.7	643.2	784.0
Chemicals, Rubber and Plastic products	1,276.6	2,178.8	2,385.4	3,209.2	3,000.2	4,065.4
Non-metallic mineral products	1,468.1	1,105.0	1,220.2	1,358.5	2,417.3	3,522.2
Basic metal products	7,002.3	6,749.7	8,031.9	9,351.0	11,014.1	11,007.2
Fabricated metal products, computer, machinery, motor vehicles and installatio of machinery	3,306.0	3,201.4	3,828.5	3,454.2	4,748.9	5,853.7
Electricity, gas, steam and air conditioning supply	2,158.0	2,773.2	3,062.3	3,530.3	6,990.0	10,257.6
Water supply; sewerage, waste management and remediation activities	266.8	494.0	536.7	700.6	628.6	665.0
Construction	17,661.3	18,550.5	19,376.7	21,193.0	25,699.0	30,502.2
Wholesale and retail trade; repair of motor vehicles and motorcycles	24,151.6	28,709.9	32,804.3	42,307.2	56,268.7	62,856.2
Transportation and storage	8,925.4	7,712.5	8,804.6	8,479.3	12,611.9	15,913.5
Accommodation and food service activities	2,635.0	2,075.3	3,137.5	3,315.0	4,688.1	5,381.5
Information and communication	4,253.8	4,058.7	4,899.6	4,920.9	5,550.1	7,455.8
Financial and insurance activities	5,437.2	5,138.3	5,636.1	6,348.8	8,697.2	11,459.2
Financial servises, except insurance and pension funds	4,045.6	3,854.8	4,109.0	4,669.0	5,303.7	7,439.4
Insurance and pension funds	1,391.7	1,283.5	1,527.1	1,679.9	3,393.6	4,019.7
Real estate activities	5,530.2	5,654.7	6,042.0	6,790.9	8,785.5	10,736.8
Professional, scientific and technical activities	2,560.8	1,886.6	2,920.1	3,039.1	4,767.1	4,695.2
Administrative and support service activities	2,383.2	1,970.4	1,532.7	1,658.8	3,357.1	4,268.7
Public administration and defense; compulsory social security	5,764.3	7,351.7	9,414.2	11,904.4	12,464.7	15,572.3
Education	8,455.7	9,513.5	11,243.9	13,412.3	16,710.9	17,290.5
Human health and social work activities	3,471.0	3,183.8	3,888.3	3,561.1	4,140.7	4,600.7
Arts, entertainment and recreation	487.2	680.2	692.0	1,305.2	953.7	1,166.3
Other service activities	2,084.7	2,069.1	2,264.7	2,491.3	2,492.0	2,290.6
<b>Total for the economy</b>	<b>155,693.7</b>	<b>176,060.8</b>	<b>200,022.8</b>	<b>227,015.3</b>	<b>276,803.7</b>	<b>314,219.1</b>





## Appendix II: Intermediate Consumption by Kind of Economic Activity at Current Prices, 2010 - 2015 (K' Million)

Kind of Economic Activity	2010	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	6,499.9	4,903.3	4,610.8	5,338.4	6,151.6	6,982.8
Agriculture	5,735.5	4,161.0	3,804.6	4,514.2	5,134.5	5,860.9
Forestry & Logging	643.4	645.7	668.9	698.6	842.4	955.8
Fishing & Aquaculture	121.0	96.5	137.3	125.6	174.7	166.1
Mining and quarrying	9,469.7	18,897.6	22,639.2	20,517.6	24,223.3	29,517.7
Mining	8,419.2	18,126.1	21,694.4	19,588.2	21,420.0	27,425.2
Other mining and quarrying	1,050.5	771.6	944.7	929.4	2,803.2	2,092.5
Manufacturing	14,543.3	13,350.4	15,935.0	18,702.3	24,455.4	26,434.0
Food, Beverages and Tobacco	4,511.6	4,323.4	4,719.5	5,527.0	8,786.8	9,524.7
Textile, and leather industries	443.2	584.4	625.9	621.0	397.7	425.9
Wood and wood products	190.5	180.5	216.8	210.2	197.6	223.5
Paper and Paper products	246.5	412.3	451.6	410.5	436.9	538.2
Chemicals, Rubber and Plastic products	828.6	890.8	1,013.8	2,280.5	1,898.9	2,674.5
Non-metallic mineral products	805.1	443.6	457.6	480.0	1,153.6	1,800.4
Basic metal products	5,105.8	4,477.9	5,747.7	6,888.6	8,109.5	7,081.4
Fabricated metal products, computer, machinery, motor vehicles and installation of machinery	2,412.1	2,037.5	2,702.1	2,284.6	3,474.5	4,165.4
Electricity, gas, steam and air conditioning supply	534.2	353.0	744.5	1,327.7	3,026.8	4,593.2
Water supply; sewerage, waste management and remediation activities	106.6	130.7	144.4	201.0	298.8	291.9
Construction	7,900.0	8,142.9	8,411.4	9,604.8	10,800.4	11,856.5
Wholesale and retail trade; repair of motor vehicles and motorcycles	6,561.1	6,339.7	6,975.6	9,180.7	19,852.8	21,995.1
Transportation and storage	3,219.5	2,766.9	3,137.6	3,379.5	6,614.2	8,646.6
Accommodation and food service activities	1,035.6	310.4	690.1	619.6	1,933.6	2,306.4
Information and communication	2,666.2	722.9	756.6	814.7	1,714.1	2,126.0
Financial and insurance activities	1,459.3	1,401.6	1,536.5	1,932.7	3,441.0	4,360.5
Financial services, except insurance and pension funds	754.2	802.6	915.5	1,329.0	1,332.1	1,940.3
Insurance and pension funds	705.1	599.1	621.0	603.8	2,108.9	2,420.2
Real estate activities	1,518.1	1,156.0	999.2	1,190.3	1,909.7	1,896.0
Professional, scientific and technical activities	1,055.3	404.3	502.9	383.3	1,908.8	2,053.3
Administrative and support service activities	805.6	785.4	492.0	328.1	2,074.8	2,630.7
Public administration and defense; compulsory social security	1,858.9	3,870.7	2,930.0	4,870.4	5,081.9	7,469.3
Education	1,637.2	1,826.1	1,978.6	2,404.7	3,625.2	2,907.3
Human health and social work activities	1,570.8	1,341.7	1,662.4	1,760.3	1,965.5	2,196.9
Arts, entertainment and recreation	119.1	481.8	387.8	797.6	432.7	595.9
Other service activities	1,296.9	1,277.4	1,400.6	1,532.1	1,539.4	1,405.7
<b>Total for the economy</b>	<b>63,857.4</b>	<b>68,462.7</b>	<b>75,935.2</b>	<b>84,885.8</b>	<b>121,049.9</b>	<b>140,265.8</b>





### Appendix III: Gross Value Added by Kind of Economic Activity at Current Prices, 2010 - 2015 (K' Million)

Kind of Economic Activity	2010	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	9,158.7	11,001.6	12,236.7	12,449.3	11,325.5	9,133.9
Agriculture	8,073.6	9,784.4	10,943.4	11,047.9	9,612.9	7,231.0
Forestry & Logging	705.6	842.1	887.4	970.1	1,197.6	1,359.0
Fishing & Aquaculture	379.5	375.2	405.9	431.3	515.0	543.9
Mining and quarrying	12,428.7	17,515.0	19,057.0	25,686.8	24,449.6	23,244.2
Mining	10,859.7	15,783.3	16,201.1	22,459.0	21,732.9	20,584.8
Other mining and quarrying	1,569.0	1,731.7	2,855.9	3,227.9	2,716.7	2,659.3
Manufacturing	7,367.3	8,570.7	9,288.6	9,362.6	11,393.0	13,794.5
Food, Beverages and Tobacco	2,757.1	2,619.0	3,143.4	3,358.5	4,261.3	4,420.5
Textile, and leather industries	294.4	126.2	149.9	157.4	144.5	152.8
Wood and wood products	169.3	194.3	228.4	227.2	236.9	248.5
Paper and Paper products	245.3	246.0	222.0	180.2	206.3	245.8
Chemicals, Rubber and Plastic products	448.0	1,288.0	1,371.6	928.7	1,101.3	1,390.9
Non-metallic mineral products	663.0	661.4	762.6	878.5	1,263.7	1,721.8
Basic metal products	1,896.5	2,271.7	2,284.2	2,462.4	2,904.6	3,925.9
Fabricated metal products, computer, machinery, motor vehicles and installation of machinery	893.8	1,163.9	1,126.4	1,169.6	1,274.4	1,688.3
Electricity, gas, steam and air conditioning supply	1,623.8	2,420.2	2,317.9	2,202.7	3,963.3	5,664.4
Water supply; sewerage, waste management and remediation	160.2	363.2	392.3	499.7	329.8	373.2
Construction	9,761.3	10,407.6	10,965.3	11,588.2	14,898.6	18,645.6
Wholesale and retail trade; repair of motor vehicles and motorcycles	17,590.5	22,370.2	25,828.8	33,126.4	36,415.9	40,861.1
Transportation and storage	5,705.9	4,945.6	5,667.0	5,099.8	5,997.7	7,266.9
Accommodation and food service	1,599.4	1,764.9	2,447.4	2,695.4	2,754.5	3,075.0
Information and communication	1,587.5	3,335.7	4,142.9	4,106.2	3,836.0	5,329.8
Financial and insurance	3,977.9	3,736.7	4,099.6	4,416.1	5,256.3	7,098.7
Financial services, except insurance and pension funds	3,291.4	3,052.2	3,193.5	3,340.0	3,971.6	5,499.1
Insurance and pension funds	686.5	684.5	906.1	1,076.1	1,284.7	1,599.6
Real estate	4,012.1	4,498.7	5,042.7	5,600.6	6,875.8	8,840.7
Professional, scientific and technical	1,505.5	1,482.3	2,417.2	2,655.8	2,858.2	2,641.9
Administrative and support service	1,577.7	1,185.0	1,040.8	1,330.7	1,282.3	1,638.1
Public administration and defense; compulsory social security	3,905.4	3,481.0	6,484.2	7,034.0	7,382.9	8,103.1
Education	6,818.5	7,687.4	9,265.3	11,007.6	13,085.7	14,383.2
Human health and social work	1,900.2	1,842.2	2,225.9	1,800.9	2,175.2	2,403.7
Arts, entertainment and recreation	368.1	198.4	304.1	507.6	521.0	570.4
Other service	787.7	791.6	864.1	959.2	952.6	884.9
<b>Total for the economy</b>	<b>91,836.3</b>	<b>107,598.1</b>	<b>124,087.6</b>	<b>142,129.6</b>	<b>155,753.8</b>	<b>173,953.3</b>
<b>Taxes less subsidies on products</b>	<b>5,379.6</b>	<b>6,296.8</b>	<b>7,185.9</b>	<b>9,200.9</b>	<b>11,298.7</b>	<b>9,427.7</b>
<b>Gross Domestic Product (GDP)</b>	<b>97,215.9</b>	<b>113,894.9</b>	<b>131,273.5</b>	<b>151,330.5</b>	<b>167,052.5</b>	<b>183,381.1</b>







## Appendix IV: Intermediate Consumption to Gross Output Ratios by Kind of Economic Activity at Current Prices, 2010 - 2015 (K' Million)

Kind of Economic Activity	2010	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	0.42	0.31	0.27	0.3	0.35	0.43
Agriculture	0.42	0.3	0.26	0.29	0.35	0.45
Forestry & Logging	0.48	0.43	0.43	0.42	0.41	0.41
Fishing & Aquaculture	0.24	0.2	0.25	0.23	0.25	0.23
Mining and quarrying	0.43	0.52	0.54	0.44	0.5	0.56
Mining	0.44	0.53	0.57	0.47	0.5	0.57
Other mining and quarrying	0.4	0.31	0.25	0.22	0.51	0.44
Manufacturing	0.66	0.61	0.63	0.67	0.68	0.66
Food, Beverages and Tobacco	0.62	0.62	0.6	0.62	0.67	0.68
Textile, and leather industries	0.6	0.82	0.81	0.8	0.73	0.74
Wood and wood products	0.53	0.48	0.49	0.48	0.45	0.47
Paper and Paper products	0.5	0.63	0.67	0.69	0.68	0.69
Chemicals, Rubber and Plastic products	0.65	0.41	0.43	0.71	0.63	0.66
Non-metallic mineral products	0.55	0.4	0.38	0.35	0.48	0.51
Basic metal products	0.73	0.66	0.72	0.74	0.74	0.64
Fabricated metal products, computer, machinery, motor vehicles and installation of machinery	0.73	0.64	0.71	0.66	0.73	0.71
Electricity, gas, steam and air conditioning supply	0.25	0.13	0.24	0.38	0.43	0.45
Water supply; sewerage, waste management and remediation	0.4	0.26	0.27	0.29	0.48	0.44
Construction	0.45	0.44	0.43	0.45	0.42	0.39
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.27	0.22	0.21	0.22	0.35	0.35
Transportation and storage	0.36	0.36	0.36	0.4	0.52	0.54
Accommodation and food service	0.39	0.15	0.22	0.19	0.41	0.43
Information and communication	0.63	0.18	0.15	0.17	0.31	0.29
Financial and insurance	0.27	0.27	0.27	0.3	0.4	0.38
Financial services, except insurance and pension funds	0.19	0.21	0.22	0.28	0.25	0.26
Insurance and pension funds	0.51	0.47	0.41	0.36	0.62	0.6
Real estate	0.27	0.2	0.17	0.18	0.22	0.18
Professional, scientific and technical	0.41	0.21	0.17	0.13	0.4	0.44
Administrative and support service	0.34	0.4	0.32	0.2	0.62	0.62
Public administration and defense; compulsory social security	0.32	0.53	0.31	0.41	0.39	0.48
Education	0.19	0.19	0.18	0.18	0.22	0.17
Human health and social work	0.45	0.42	0.43	0.49	0.47	0.48
Arts, entertainment and recreation	0.24	0.71	0.56	0.61	0.45	0.51
Other service	0.62	0.62	0.62	0.61	0.62	0.61
<b>Total for the economy</b>	<b>0.41</b>	<b>0.39</b>	<b>0.38</b>	<b>0.37</b>	<b>0.44</b>	<b>0.45</b>





## Appendix V: Gross Value Added by Kind of Economic Activity at Constant 2010 Prices, 2010 - 2015 (K' Million)

Kind of Economic Activity	2010	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	9,158.7	9,871.1	10,205.2	9,813.0	9,917.0	9,149.8
Agriculture	8,073.6	8,737.1	9,080.3	8,687.7	8,755.5	7,946.8
Forestry & Logging	705.6	771.6	790.8	777.0	787.0	812.1
Fishing & Aquaculture	379.5	362.4	334.1	348.4	374.5	390.8
Mining and quarrying	12,428.7	12,435.7	12,538.0	12,985.2	12,687.2	12,716.7
Mining	10,859.7	10,954.3	10,767.2	11,174.7	10,825.9	10,861.1
Other mining and quarrying	1,569.0	1,481.4	1,770.8	1,810.5	1,861.3	1,855.7
Manufacturing	7,367.3	8,148.0	8,540.0	9,070.4	9,663.7	10,187.2
Food, Beverages and Tobacco	2,757.1	2,498.7	2,803.5	3,143.0	3,278.5	3,306.3
Textile, and leather industries	294.4	116.0	130.0	144.5	95.5	69.9
Wood and wood products	169.3	180.8	197.7	208.4	211.0	217.8
Paper and Paper products	245.3	228.9	192.2	165.3	167.9	160.2
Chemicals, Rubber and Plastic products	448.0	1,273.5	1,307.1	722.0	757.9	864.7
Non-metallic mineral products	663.0	653.9	726.7	935.2	1,002.7	1,110.2
Basic metal products	1,896.5	1,943.3	2,167.5	2,543.9	2,920.4	3,193.2
Fabricated metal products, computer, machinery, motor vehicles and installation of machinery	893.8	995.7	1,068.9	1,208.3	1,229.9	1,265.0
Electricity, gas, steam and air conditioning supply	1,623.8	1,825.0	1,897.8	2,050.2	2,090.2	2,059.2
Water supply; sewerage, waste management and remediation	160.2	289.2	317.8	410.2	377.7	352.5
Construction	9,761.3	9,967.5	10,029.9	9,678.8	10,704.7	12,627.5
Wholesale and retail trade; repair of motor vehicles and motorcycles	17,590.5	21,025.7	22,779.8	27,288.7	28,219.7	28,632.0
Transportation and storage	5,705.9	4,832.4	5,094.4	4,086.3	4,357.3	4,382.1
Accommodation and food service	1,599.4	1,641.2	2,193.3	2,275.8	2,367.4	2,365.9
Information and communication	1,587.5	3,323.5	4,067.8	3,925.3	4,220.5	4,325.2
Financial and insurance	3,977.9	3,736.7	4,032.1	3,764.2	4,331.7	4,854.2
Financial services, except insurance and pension funds	3,291.4	3,052.2	3,141.0	2,847.0	3,088.6	3,390.6
Insurance and pension funds	686.5	684.5	891.2	917.2	1,243.1	1,463.6
Real estate	4,012.1	4,113.2	4,156.9	4,059.3	4,166.6	4,295.3
Professional, scientific and technical	1,505.5	1,393.2	2,131.9	2,187.8	2,171.4	2,196.3
Administrative and support service	1,577.7	1,157.9	935.6	1,066.3	1,085.5	1,129.0
Public administration and defense; compulsory social security	3,905.4	3,271.8	4,533.1	5,794.4	6,056.7	6,179.0
Education	6,818.5	7,115.9	7,856.4	8,325.3	9,232.7	9,281.6
Human health and social work	1,900.2	1,693.4	1,907.5	1,461.1	1,620.4	1,667.7
Arts, entertainment and recreation	368.1	322.5	271.3	434.2	497.7	516.8
Other service	787.7	782.7	823.4	913.2	940.5	969.4
<b>Total for the economy</b>	<b>91,836.3</b>	<b>96,946.6</b>	<b>104,312.3</b>	<b>109,589.8</b>	<b>114,708.5</b>	<b>117,887.2</b>
<b>Taxes less subsidies on products</b>	<b>5,379.6</b>	<b>5,679.0</b>	<b>6,110.4</b>	<b>6,419.6</b>	<b>6,748.5</b>	<b>7,116.2</b>
<b>Gross Domestic Product (GDP)</b>	<b>97,215.9</b>	<b>102,625.6</b>	<b>110,422.7</b>	<b>116,009.4</b>	<b>121,457.0</b>	<b>125,003.4</b>





## Appendix VI: Gross Value Added Percentage Growth rates by Kind of Economic Activity at Constant 2010 Prices, 2011 - 2015

Kind of Economic Activity	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	7.8	3.4	-3.8	1.1	-7.7
Agriculture	8.2	3.9	-4.3	0.8	-9.2
Forestry & Logging	9.3	2.5	-1.8	1.3	3.2
Fishing & Aquaculture	-4.5	-7.8	4.3	7.5	4.3
Mining and quarrying	0.1	0.8	3.6	-2.3	0.2
Mining	0.9	-1.7	3.8	-3.1	0.3
Other mining and quarrying	-5.6	19.5	2.2	2.8	-0.3
Manufacturing	10.6	4.8	6.2	6.5	5.4
Food, Beverages and Tobacco	-9.4	12.2	12.1	4.3	0.8
Textile, and leather industries	-60.6	12.1	11.2	-33.9	-26.9
Wood and wood products	6.8	9.4	5.4	1.3	3.2
Paper and Paper products	-6.7	-16.1	-14.0	1.5	-4.6
Chemicals, Rubber and Plastic products	184.3	2.6	-44.8	5.0	14.1
Non-metallic mineral products	-1.4	11.1	28.7	7.2	10.7
Basic metal products	2.5	11.5	17.4	14.8	9.3
Fabricated metal products, computer, machinery, motor vehicles and installation of machinery	11.4	7.4	13.0	1.8	2.9
Electricity, gas, steam and air conditioning supply	12.4	4.0	8.0	1.9	-1.5
Water supply; sewerage, waste management and remediation	80.5	9.9	29.1	-7.9	-6.7
Construction	2.1	0.6	-3.5	10.6	18.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	19.5	8.3	19.8	3.4	1.5
Transportation and storage	-15.3	5.4	-19.8	6.6	0.6
Accommodation and food service	2.6	33.6	3.8	4.0	-0.1
Information and communication	109.4	22.4	-3.5	7.5	2.5
Financial and insurance	-6.1	7.9	-6.6	15.1	12.1
Financial services, except insurance and pension funds	-7.3	2.9	-9.4	8.5	9.8
Insurance and pension funds	-0.3	30.2	2.9	35.5	17.7
Real estate	2.5	1.1	-2.3	2.6	3.1
Professional, scientific and technical	-7.5	53.0	2.6	-0.7	1.1
Administrative and support service	-26.6	-19.2	14.0	1.8	4.0
Public administration and defense; compulsory social security	-16.2	38.6	27.8	4.5	2.0
Education	4.4	10.4	6.0	10.9	0.5
Human health and social work	-10.9	12.6	-23.4	10.9	2.9
Arts, entertainment and recreation	-12.4	-15.9	60.1	14.6	3.8
Other service	-0.6	5.2	10.9	3.0	3.1
<b>Total for the economy</b>	<b>5.6</b>	<b>7.6</b>	<b>5.1</b>	<b>4.7</b>	<b>2.8</b>
<b>Taxes less subsidies on products</b>	<b>5.6</b>	<b>7.6</b>	<b>5.1</b>	<b>5.1</b>	<b>5.4</b>
<b>Gross Domestic Product (GDP)</b>	<b>5.6</b>	<b>7.6</b>	<b>5.1</b>	<b>4.7</b>	<b>2.9</b>





### Appendix VII: Gross Value Added Implicit Deflators, 2010-2015

Kind of Economic Activity	2010	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	100.0	111.5	119.9	126.9	114.2	99.8
Agriculture	100.0	112.0	120.5	127.2	109.8	91.0
Forestry & Logging	100.0	109.1	112.2	124.9	152.2	167.3
Fishing & Aquaculture	100.0	103.5	121.5	123.8	137.5	139.2
Mining and quarrying	100.0	140.8	152.0	197.8	192.7	182.8
Mining	100.0	144.1	150.5	201.0	200.7	189.5
Other mining and quarrying	100.0	116.9	161.3	178.3	146.0	143.3
Manufacturing	100.0	105.2	108.8	103.2	117.9	135.4
Electricity, gas, steam and air conditioning supply	100.0	132.6	122.1	107.4	189.6	275.1
Water supply; sewerage, waste management and remediation	100.0	125.6	123.4	121.8	87.3	105.9
Construction	100.0	104.4	109.3	119.7	139.2	145.3
Wholesale and retail trade; repair of motor vehicles and motorcycles	100.0	106.4	113.4	121.4	129.0	143.7
Transportation and storage	100.0	102.3	111.2	124.8	137.6	166.4
Accommodation and food service	100.0	107.5	111.6	118.4	116.4	130.0
Information and communication	100.0	100.4	101.8	104.6	90.9	123.2
Financial and insurance	100.0	100.0	101.7	117.3	121.3	146.2
Financial services, except insurance and pension funds	100.0	100.0	101.7	117.3	128.6	162.2
Insurance and pension funds	100.0	100.0	101.7	117.3	103.3	109.3
Real estate	100.0	109.4	121.3	138.0	165.0	205.8
Professional, scientific and technical	100.0	106.4	113.4	121.4	131.6	120.3
Administrative and support service	100.0	102.3	111.2	124.8	118.1	145.1
Public administration and defense; compulsory social security	100.0	106.4	143.0	121.4	131.3	131.1
Education	100.0	108.0	117.9	132.2	141.7	155.0
Human health and social work	100.0	108.8	116.7	123.3	134.2	144.1
Arts, entertainment and recreation	100.0	104.2	112.1	116.9	104.7	110.4
Other service	100.0	101.1	104.9	105.0	101.2	91.1
of households as employers; undifferentiated goods- and services-producing of households for own use	100.0	101.1	104.9	105.0	112.3	120.1
<b>Total for the economy</b>	<b>100.0</b>	<b>111.1</b>	<b>119.0</b>	<b>129.7</b>	<b>136.3</b>	<b>147.6</b>
<b>Taxes less subsidies on products</b>	<b>100.0</b>	<b>110.9</b>	<b>117.6</b>	<b>143.3</b>	<b>167.4</b>	<b>132.5</b>
<b>Gross Domestic Product (GDP) at purchasers prices</b>	<b>100.0</b>	<b>111.1</b>	<b>118.9</b>	<b>130.4</b>	<b>138.0</b>	<b>146.7</b>







## Appendix VIII: Gross Output (Financial and Non-financial corporations) Current Prices, 2010 -2015 (K'Million)

Kind of Economic Activity	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	4,880.5	6,116.5	6,019.5	6,999.7	6,025.2
Agriculture	4,774.9	5,994.0	5,894.4	6,639.1	5,653.5
Forestry & Logging	73.0	47.6	65.7	239.7	292.9
Fishing & Aquaculture	32.6	74.9	59.4	120.8	78.7
Mining and quarrying	36,192.6	41,461.6	45,955.2	48,355.0	52,356.6
Mining	33,909.4	37,895.6	42,047.1	43,152.9	48,010.1
Other mining and quarrying	2,283.2	3,566.0	3,908.1	5,202.1	4,346.6
Manufacturing	19,994.8	23,169.4	25,882.4	33,487.8	37,674.7
Food, Beverages and Tobacco	6,080.9	6,944.3	7,909.4	11,999.2	12,818.2
Textile, and leather industries	586.1	643.0	637.4	392.1	419.1
Wood and wood products	97.2	149.1	122.7	81.2	75.2
Paper and Paper products	657.2	672.4	589.5	641.9	782.6
Chemicals, Rubber and Plastic products	2,166.9	2,372.7	3,195.7	2,985.7	4,049.8
Non-metallic mineral products	948.5	1,053.4	1,181.3	2,228.7	3,321.5
Basic metal products	6,747.0	8,029.0	9,348.0	11,010.6	11,003.4
Fabricated metal products, computer, machinery, motor vehicles and installation of machinery	2,711.0	3,305.5	2,898.5	4,148.5	5,205.0
Electricity, gas, steam and air conditioning supply	2,773.2	3,062.3	3,530.3	6,990.0	10,257.6
Water supply; sewerage, waste management and remediation	494.0	536.7	700.6	628.6	665.0
Construction	4,623.4	4,525.1	5,413.4	6,450.1	7,340.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	16,583.6	20,326.3	28,231.6	37,187.5	40,502.9
Transportation and storage	4,124.4	4,978.3	4,414.0	6,854.8	7,821.9
Accommodation and food services	1,764.5	2,806.1	2,962.9	4,242.5	4,817.6
Information and communication	3,993.6	4,830.2	4,847.2	5,473.9	7,376.8
Financial and insurance services	4,595.9	5,136.7	5,797.9	7,908.5	10,503.4
Financial services, except insurance and pension funds	3,312.4	3,609.5	4,118.1	4,514.9	6,483.7
Insurance and pension funds	1,283.5	1,527.1	1,679.9	3,393.6	4,019.7
Real estate	586.1	682.7	868.7	1,081.1	1,501.3
Professional, scientific and technical	1,866.7	2,898.9	3,016.5	4,752.0	4,685.2
Administrative and support services	1,845.4	1,399.5	1,517.3	3,198.8	4,091.9
Public administration and defense; compulsory social security	0.0	0.0	0.0	0.0	0.0
Education	4,441.2	5,384.4	6,679.0	6,311.5	7,578.4
Human health and social work	537.5	500.5	675.1	712.9	930.5
Arts, entertainment and recreation	469.8	528.1	1,055.1	707.9	854.0
Other services	97.8	134.0	113.8	380.1	447.1
<b>Total</b>	<b>109,865.1</b>	<b>128,477.2</b>	<b>147,680.6</b>	<b>181,722.8</b>	<b>205,430.2</b>





### Appendix IX: Intermediate Consumption (Financial and Non-Financial Corporations) Current Prices, 2010 – 2015, (K'Million)

Kind of Economic Activity	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	2,751.1	1,894.8	3,345.7	3,605.4	4,247.0
Agriculture	2,661.2	1,784.3	3,260.6	3,419.9	4,058.0
Forestry & Logging	59.3	43.6	34.1	96.2	117.7
Fishing & Aquaculture	30.6	67.0	50.9	89.3	71.3
Mining and quarrying	18,804.0	22,539.4	20,237.8	24,088.1	29,345.3
Mining	18,126.1	21,694.4	19,588.2	21,420.0	27,425.2
Other mining and quarrying	678.0	844.9	823.4	2,668.0	1,920.1
Manufacturing	12,360.8	14,879.7	17,581.1	23,244.3	25,125.5
Food, Beverages and Tobacco	3,783.2	4,143.5	4,915.0	8,129.1	8,818.1
Textile, and leather industries	483.3	518.0	506.4	275.8	296.2
Wood and wood products	64.2	92.7	78.3	49.5	57.2
Paper and Paper products	411.2	450.4	409.3	435.5	536.8
Chemicals, Rubber and Plastic products	888.6	1,011.5	2,278.0	1,896.2	2,671.6
Non-metallic mineral products	415.7	427.9	448.4	1,120.0	1,764.6
Basic metal products	4,476.1	5,745.7	6,886.5	8,107.2	7,078.7
Fabricated metal products, computer, machinery, motor vehicles and installation of machinery	1,838.6	2,490.0	2,059.2	3,231.0	3,902.3
Electricity, gas, steam and air conditioning supply	353.0	744.5	1,327.7	3,026.8	4,593.2
Water supply; sewerage, waste management and remediation	130.7	144.4	201.0	298.8	291.9
Construction	3,813.5	3,794.5	4,699.5	5,183.5	5,431.9
Wholesale and retail trade; repair of motor vehicles and motorcycles	3,566.2	4,121.6	5,961.4	15,488.7	16,954.9
Transportation and storage	1,214.5	1,482.1	1,620.6	4,123.3	5,157.0
Accommodation and food services	248.3	623.8	549.2	1,844.5	2,193.7
Information and communication	699.3	731.4	787.9	1,686.3	2,097.2
Financial and insurance services	1,200.5	1,381.7	1,733.7	3,046.7	3,834.7
Financial services, except insurance and pension funds	601.4	759.0	1,129.9	937.9	1,414.6
Insurance and pension funds	599.1	621.0	603.8	2,108.9	2,420.2
Real estate	186.4	135.8	173.0	585.8	480.7
Professional, scientific and technical	401.5	500.0	380.2	1,906.8	2,051.9
Administrative and support services	773.6	479.4	314.7	2,059.8	2,613.9
Public administration and defense; compulsory social security	0.0	0.0	0.0	0.0	0.0
Education	858.4	1,040.7	1,290.9	1,219.8	1,464.7
Human health and social work	261.9	243.9	329.0	347.4	453.4
Arts, entertainment and recreation	360.4	304.1	644.1	321.7	444.5
Other services	81.9	110.9	86.6	276.8	339.2
<b>Total</b>	<b>48,065.9</b>	<b>55,152.7</b>	<b>61,263.9</b>	<b>92,354.4</b>	<b>107,120.7</b>





## Appendix X: Wages and Salaries (Financial and Non-financial corporations) Current Prices, 2010 – 2015, (K'Million)

Kind of Economic Activity	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	497.0	882.6	1,429.9	559.4	647.1
Agriculture	485.4	873.7	1,417.3	463.1	552.2
Forestry & Logging	8.0	2.8	5.8	83.6	89.1
Fishing & Aquaculture	3.6	6.1	6.9	12.7	5.8
Mining and quarrying	4,892.2	6,948.1	4,792.6	5,949.0	5,356.4
Mining	4,499.4	5,674.7	3,970.1	5,412.7	5,027.2
Other mining and quarrying	392.8	1,273.3	822.4	536.3	329.2
Manufacturing	1,797.7	2,346.2	2,333.0	1,954.8	2,335.3
Food, Beverages and Tobacco	628.3	844.4	886.8	761.8	1,129.1
Textile, and leather industries	19.9	22.1	39.4	32.0	35.2
Wood and wood products	15.2	27.2	23.7	15.5	9.5
Paper and Paper products	100.3	143.0	129.4	60.5	42.3
Chemicals, Rubber and Plastic products	276.8	313.1	371.3	358.1	340.7
Non-metallic mineral products	103.0	94.4	109.2	364.9	463.1
Basic metal products	292.9	418.8	429.7	72.9	30.9
Fabricated metal products, computer, machinery, motor vehicles and installation of machinery	361.2	483.2	343.4	289.1	284.5
Electricity, gas, steam and air conditioning supply	240.4	206.9	220.4	1,613.4	1,078.5
Water supply; sewerage, waste management and remediation	192.6	256.6	320.3	263.4	289.7
Construction	408.2	565.6	554.4	757.6	893.3
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,023.8	1,510.9	1,336.8	2,798.1	2,772.3
Transportation and storage	934.4	1,299.8	1,111.4	747.7	493.9
Accommodation and food services	97.1	431.5	347.3	825.6	1,008.1
Information and communication	420.0	741.8	773.0	277.7	330.3
Financial and insurance services	1,232.9	1,464.2	1,746.9	2,137.5	2,688.8
Financial services, except insurance and pension funds	1,021.0	1,215.5	1,450.8	1,487.5	2,366.9
Insurance and pension funds	211.9	248.7	296.0	649.9	321.9
Real estate	85.9	90.5	130.9	54.9	98.7
Professional, scientific and technical	481.7	1,053.1	1,026.3	450.6	634.8
Administrative and support services	449.8	143.3	259.1	443.7	551.2
Public administration and defense; compulsory social security	0.0	0.0	0.0	0.0	0.0
Education	1,993.5	2,416.9	2,998.0	2,833.0	3,401.7
Human health and social work	197.1	183.6	247.6	261.4	341.2
Arts, entertainment and recreation	79.7	26.7	66.6	143.8	176.6
Other services	50.4	78.8	65.9	59.1	54.1
<b>Total</b>	<b>15,074.4</b>	<b>20,647.1</b>	<b>19,760.4</b>	<b>22,130.8</b>	<b>23,151.9</b>





### Appendix XI: Social Contribution (Financial and Non-financial corporations) Current Prices, 2010 – 2015, (K'Million)

Kind of Economic Activity	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	14.3	19.7	341.2	4.0	5.9
Agriculture	13.6	18.8	340.2	3.8	5.8
Forestry & Logging	0.4	0.1	0.3	0.0	0.0
Fishing & Aquaculture	0.3	0.7	0.7	0.2	0.1
Mining and quarrying	76.2	120.5	208.2	179.1	78.5
Mining	73.5	116.4	202.2	170.9	75.0
Other mining and quarrying	2.7	4.1	6.0	8.2	3.5
Manufacturing	70.4	118.4	113.5	27.7	43.3
Food, Beverages and Tobacco	15.1	21.9	27.7	13.7	24.7
Textile, and leather industries	1.2	1.4	2.2	0.1	0.1
Wood and wood products	0.4	0.8	0.7	0.3	0.0
Paper and Paper products	4.1	4.7	4.0	2.1	2.2
Chemicals, Rubber and Plastic products	15.1	15.0	16.3	3.7	8.8
Non-metallic mineral products	0.3	0.3	0.2	1.6	2.4
Basic metal products	14.6	45.7	27.6	1.4	0.7
Fabricated metal products, computer, machinery, motor vehicles and installation of machinery	19.6	28.6	34.7	4.9	4.3
Electricity, gas, steam and air conditioning supply	10.8	22.1	13.3	390.1	366.4
Water supply; sewerage, waste management and remediation	8.4	13.0	15.3	46.5	51.1
Construction	15.0	18.0	23.7	6.0	10.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	22.0	20.3	19.5	72.3	165.8
Transportation and storage	25.4	33.0	33.4	8.3	5.9
Accommodation and food services	4.0	17.0	21.6	57.1	44.4
Information and communication	19.8	56.9	41.2	11.2	8.2
Financial and insurance services	175.2	209.6	227.5	288.4	144.7
Financial services, except insurance and pension funds	175.2	209.6	225.6	258.8	131.9
Insurance and pension funds	0.0	0.0	1.9	29.7	12.7
Real estate	0.3	1.7	1.6	0.7	0.4
Professional, scientific and technical	12.5	42.2	44.8	10.1	11.1
Administrative and support services	8.5	6.9	10.0	5.1	13.1
Public administration and defense; compulsory social security	0.0	0.0	0.0	0.0	0.0
Education	44.7	54.2	67.2	63.5	76.2
Human health and social work	3.3	3.1	4.1	4.4	5.7
Arts, entertainment and recreation	0.9	0.4	1.5	0.5	0.4
Other services	156.6	18.6	12.2	0.9	1.2
<b>Total</b>	<b>668.2</b>	<b>775.5</b>	<b>1,200.1</b>	<b>1,176.0</b>	<b>1,032.3</b>







## Appendix XII: Consumption of Fixed Capital (Financial and Non-Financial Corporations) Current Prices, 2010 – 2015 (K"Million)

Kind of Economic Activity	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	237.4	332.4	381.2	35.6	89.9
Agriculture	229.7	325.6	374.5	35.6	89.7
Forestry & Logging	6.3	4.1	4.2	0.0	0.0
Fishing & Aquaculture	1.3	2.7	2.4	0.0	0.2
Mining and quarrying	4,621.5	3,914.7	4,485.7	1,789.8	3,211.8
Mining	4,263.9	3,529.9	4,273.0	1,683.3	3,173.3
Other mining and quarrying	357.6	384.8	212.6	106.6	38.5
Manufacturing	971.1	956.1	910.0	268.8	517.1
Food, Beverages and Tobacco	192.8	290.0	291.0	84.2	178.9
Textile, and leather industries	6.9	12.5	16.2	2.2	1.8
Wood and wood products	1.4	3.0	2.1	0.4	0.3
Paper and Paper products	2.2	2.7	0.4	5.9	7.4
Chemicals, Rubber and Plastic products	82.4	88.2	116.3	81.3	114.2
Non-metallic mineral products	34.1	32.8	31.4	64.1	149.0
Basic metal products	564.7	445.2	401.9	12.1	11.2
Fabricated metal products, computer, machinery, motor vehicles and installation of machinery	86.6	81.7	50.8	18.6	54.2
Electricity, gas, steam and air conditioning supply	306.7	271.5	1,078.3	3.8	6.2
Water supply; sewerage, waste management and remediation	24.7	39.8	53.9	0.0	0.0
Construction	222.7	220.3	353.6	169.8	136.8
Wholesale and retail trade; repair of motor vehicles and motorcycles	223.4	299.0	1,170.1	184.7	91.3
Transportation and storage	308.1	403.0	393.2	64.0	126.9
Accommodation and food services	39.2	187.0	176.3	5.0	6.9
Information and communication	27.5	35.2	761.3	1.1	2.2
Financial and insurance services	182.1	207.2	218.1	201.4	9.4
Financial services, except insurance and pension funds	167.6	192.1	212.2	194.8	9.4
Insurance and pension funds	14.4	15.1	5.8	6.6	0.0
Real estate	31.7	35.1	52.9	0.0	0.0
Professional, scientific and technical	72.0	39.9	16.9	8.7	5.3
Administrative and support services	95.6	16.4	22.7	3.1	18.5
Public administration and defense; compulsory social security	0.0	0.0	0.0	0.0	0.0
Education	199.3	241.6	299.7	283.2	340.0
Human health and social work	21.6	20.1	27.1	28.6	37.4
Arts, entertainment and recreation	44.9	44.7	54.4	4.0	2.5
Other services	20.0	34.2	27.3	1.7	1.1
<b>Total</b>	<b>7,649.4</b>	<b>7,298.2</b>	<b>10,482.3</b>	<b>3,053.4</b>	<b>4,603.5</b>





### Appendix XIII: Net Operating Surplus (Financial and Non-financial Corporations) Current Prices, 2010 – 2015, (K'Million)

Kind of Economic Activity	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	1,380.5	2,986.2	516.7	2,794.0	1,035.4
Agriculture	1,384.8	2,990.8	496.9	2,715.3	948.0
Forestry & Logging	-1.0	-3.0	21.3	60.0	86.2
Fishing & Aquaculture	-3.3	-1.6	-1.6	18.7	1.3
Mining and quarrying	7,515.1	7,609.6	15,709.3	15,884.8	13,940.3
Mining	6,663.5	6,553.3	13,666.6	14,001.8	11,885.1
Other mining and quarrying	851.7	1,056.3	2,042.8	1,883.0	2,055.2
Manufacturing	4,622.1	4,720.7	4,773.2	7,992.2	9,653.5
Food, Beverages and Tobacco	1,460.8	1,644.2	1,787.4	3,010.5	2,667.5
Textile, and leather industries	73.8	86.9	71.6	82.1	85.9
Wood and wood products	15.9	25.3	17.9	15.4	8.2
Paper and Paper products	139.4	71.6	46.5	137.9	193.8
Chemicals, Rubber and Plastic products	903.8	944.7	413.8	646.3	914.3
Non-metallic mineral products	395.4	359.6	425.1	678.1	942.4
Basic metal products	1,227.7	1,371.3	1,602.2	2,817.1	3,881.8
Fabricated metal products, computer, machinery, motor vehicles and installation of machinery	405.1	217.1	408.7	604.9	959.6
Electricity, gas, steam and air conditioning supply	1,862.4	1,817.4	890.7	1,956.1	4,213.3
Water supply; sewerage, waste management and remediation	145.8	86.1	113.8	23.3	36.0
Construction	163.5	-75.2	-218.0	332.8	868.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	11,734.3	14,357.4	19,721.8	18,626.7	20,501.0
Transportation and storage	1,642.0	1,760.4	1,255.4	1,911.4	2,038.1
Accommodation and food services	1,375.4	1,542.2	1,863.7	1,498.8	1,550.8
Information and communication	2,838.1	3,267.0	2,483.8	3,497.5	4,938.9
Financial and insurance services	1,805.3	1,875.6	1,871.8	2,234.5	3,825.8
Financial services, except insurance and pension funds	1,347.2	1,233.3	1,099.5	1,636.0	2,560.9
Insurance and pension funds	458.1	642.4	772.3	598.5	1,264.9
Real estate	281.9	419.6	510.3	439.7	921.5
Professional, scientific and technical	898.6	1,261.1	1,547.9	2,375.8	1,982.1
Administrative and support services	517.9	753.5	910.8	687.1	895.1
Public administration and defense; compulsory social security	0.0	0.0	0.0	0.0	0.0
Education	1,345.4	1,631.1	2,023.3	1,912.0	2,295.8
Human health and social work	53.6	49.9	67.3	71.0	92.7
Arts, entertainment and recreation	-16.0	152.1	288.5	237.9	230.1
Other services	-176.7	-93.9	-55.1	59.2	72.3
<b>Total</b>	<b>37,989.1</b>	<b>44,121.1</b>	<b>54,275.1</b>	<b>62,534.8</b>	<b>69,090.8</b>





## Appendix XIV: Gross Output (Households) by Kind of Economic Activity Current Prices, 2010 – 2015

Kind of Economic Activity	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	11,024.4	10,731.0	11,768.2	10,477.5	10,091.5
Agriculture	9,170.5	8,754.0	9,667.7	8,108.4	7,438.3
Forestry & Logging	1,414.8	1,508.7	1,602.9	1,800.3	2,021.9
Fishing & Aquaculture	439.1	468.3	497.6	568.8	631.2
Mining and quarrying	220.0	234.6	249.3	317.8	405.3
Mining	0.0	0.0	0.0	0.0	0.0
Other mining and quarrying	220.0	234.6	249.3	317.8	405.3
Manufacturing	1,926.3	2,054.1	2,182.5	2,360.5	2,553.8
Food, Beverages and Tobacco	861.5	918.7	976.1	1,048.8	1,127.0
Textile, and leather industries	124.5	132.8	141.1	150.1	159.7
Wood and wood products	277.7	296.1	314.6	353.3	396.8
Paper and Paper products	1.1	1.2	1.3	1.4	1.5
Chemicals, Rubber and Plastic products	11.9	12.7	13.5	14.5	15.6
Non-metallic mineral products	156.5	166.8	177.3	188.6	200.7
Basic metal products	2.7	2.9	3.0	3.4	3.8
Fabricated metal products, computer, machinery, motor vehicles and installation of machinery	490.4	523.0	555.6	600.4	648.7
Electricity, gas, steam and air conditioning supply	0.0	0.0	0.0	0.0	0.0
Water supply; sewerage, waste management and remediation	0.0	0.0	0.0	0.0	0.0
Construction	13,927.1	14,851.6	15,779.6	18,676.4	22,876.8
Wholesale and retail trade; repair of motor vehicles and motorcycles	12,126.3	12,478.0	14,075.6	19,081.2	22,795.5
Transportation and storage	3,588.1	3,826.2	4,065.3	5,757.2	8,153.1
Accommodation and food service	310.8	331.4	352.1	445.6	563.9
Information and communication	65.1	69.4	73.7	76.3	78.9
Financial and insurance	34.2	36.5	38.8	42.8	47.4
Financial services, except insurance and pension funds	34.2	36.5	38.8	42.8	47.4
Insurance and pension funds	0.0	0.0	0.0	0.0	0.0
Real estate	4,765.0	5,081.3	5,398.8	6,270.3	7,282.5
Professional, scientific and technical	19.9	21.3	22.6	15.0	10.0
Administrative and support service	124.9	133.2	141.6	158.2	176.9
Public administration and defense; compulsory social security	0.0	0.0	0.0	0.0	0.0
Education	31.6	33.7	35.8	53.5	79.9
Human health and social work	19.5	20.8	22.1	28.3	36.2
Arts, entertainment and recreation	64.5	68.8	73.1	83.2	94.7
Other service	232.9	248.3	263.8	289.2	317.0
<b>Total</b>	<b>48,480.5</b>	<b>50,220.2</b>	<b>54,542.8</b>	<b>64,133.0</b>	<b>75,563.3</b>





### Appendix XV: Intermediate Consumption (Households) Current Prices, 2010 – 2015, (K'Million)

Kind of Economic Activity	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	2,152.2	2,716.0	1,992.8	2,546.2	2,735.8
Agriculture	1,499.8	2,020.3	1,253.6	1,714.6	1,802.9
Forestry & Logging	586.5	625.4	664.5	746.3	838.1
Fishing & Aquaculture	65.9	70.3	74.7	85.4	94.8
Mining and quarrying	93.6	99.8	106.0	135.2	172.4
Mining	0.0	0.0	0.0	0.0	0.0
Other mining and quarrying	93.6	99.8	106.0	135.2	172.4
Manufacturing	989.6	1,055.3	1,121.2	1,211.1	1,308.5
Food, Beverages and Tobacco	540.2	576.0	612.0	657.6	706.6
Textile, and leather industries	101.1	107.9	114.6	121.9	129.7
Wood and wood products	116.4	124.1	131.9	148.1	166.3
Paper and Paper products	1.1	1.2	1.2	1.3	1.5
Chemicals, Rubber and Plastic products	2.2	2.3	2.4	2.6	2.8
Non-metallic mineral products	27.9	29.8	31.6	33.6	35.8
Basic metal products	1.8	2.0	2.1	2.3	2.6
Fabricated metal products, computer, machinery, motor vehicles and installation of machinery	198.9	212.1	225.3	243.5	263.1
Electricity, gas, steam and air conditioning supply	0.0	0.0	0.0	0.0	0.0
Water supply; sewerage, waste management and remediation	0.0	0.0	0.0	0.0	0.0
Construction	4,329.5	4,616.9	4,905.3	5,616.9	6,431.6
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,773.5	2,853.9	3,219.3	4,364.2	5,213.7
Transportation and storage	1,552.4	1,655.5	1,758.9	2,490.9	3,527.5
Accommodation and food service	62.1	66.2	70.4	89.1	112.7
Information and communication	23.7	25.2	26.8	27.8	28.7
Financial and insurance	3.2	3.4	3.6	4.0	4.4
Financial services, except insurance and pension funds	3.2	3.4	3.6	4.0	4.4
Insurance and pension funds	0.0	0.0	0.0	0.0	0.0
Real estate	711.6	758.9	806.3	936.4	1,087.6
Professional, scientific and technical	2.7	2.9	3.1	2.1	1.4
Administrative and support service	11.8	12.6	13.4	15.0	16.7
Public administration and defense; compulsory social security	0.0	0.0	0.0	0.0	0.0
Education	2.6	2.7	2.9	4.3	6.5
Human health and social work	2.0	2.1	2.3	2.9	3.7
Arts, entertainment and recreation	13.1	14.0	14.9	17.0	19.3
Other service	38.4	41.0	43.5	47.8	52.4
<b>Total</b>	<b>12,762.0</b>	<b>13,926.4</b>	<b>14,090.8</b>	<b>17,510.7</b>	<b>20,723.0</b>





**Appendix XVI: Mixed Income (Households) Current Prices, 2010 - 2015**

Kind of Economic Activity	2011	2012	2013	2014	2015
Agriculture, forestry and fishing	8,872.3	8,015.0	9,775.4	7,931.2	7,355.7
Agriculture	7,670.7	6,733.7	8,414.1	6,393.8	5,635.4
Forestry & Logging	828.3	883.3	938.5	1,054.0	1,183.8
Fishing & Aquaculture	373.2	398.0	422.9	483.4	536.5
Mining and quarrying	118.2	126.0	133.9	170.7	217.7
Mining	0.0	0.0	0.0	0.0	0.0
Other mining and quarrying	118.2	126.0	133.9	170.7	217.7
Manufacturing	430.7	553.6	588.2	637.1	690.2
Food, Beverages and Tobacco	178.1	189.9	201.8	216.8	233.0
Textile, and leather industries	12.9	13.8	14.7	15.6	16.6
Wood and wood products	89.4	95.3	101.3	113.8	127.8
Paper and Paper products	0.0	0.0	0.0	0.0	0.0
Chemicals, Rubber and Plastic products	5.4	5.8	6.1	6.6	7.1
Non-metallic mineral products	71.2	76.0	80.7	85.9	91.4
Basic metal products	0.5	0.5	0.5	0.6	0.7
Fabricated metal products, computer, machinery, motor vehicles and installation of machinery	161.6	172.3	183.1	197.8	213.7
Electricity, gas, steam and air conditioning supply	0.0	0.0	0.0	0.0	0.0
Water supply; sewerage, waste management and remediation	0.0	0.0	0.0	0.0	0.0
Construction	3,857.1	4,113.1	4,370.1	5,611.9	7,917.3
Wholesale and retail trade; repair of motor vehicles and motorcycles	7,479.6	7,626.5	8,724.7	12,181.4	14,552.6
Transportation and storage	1,822.7	1,943.7	2,065.2	2,924.7	4,141.8
Accommodation and food service	197.0	210.0	223.2	282.4	357.4
Information and communication	33.6	35.9	38.1	39.5	40.8
Financial and insurance	23.0	24.5	35.1	28.8	31.8
Financial services, except insurance and pension funds	23.0	24.5	26.0	28.8	31.8
Insurance and pension funds	0.0	0.0	0.0	0.0	0.0
Real estate	4,047.7	4,316.4	4,586.1	5,326.4	6,186.3
Professional, scientific and technical	-0.7	-0.7	-0.8	-0.5	-0.3
Administrative and support service	106.9	114.0	121.1	135.3	151.3
Public administration and defense; compulsory social security	0.0	0.0	0.0	0.0	0.0
Education	29.0	31.0	32.9	49.2	73.4
Human health and social work	16.9	18.0	19.1	24.5	31.4
Arts, entertainment and recreation	50.4	53.8	57.1	65.0	74.0
Other service	165.9	177.0	188.0	206.2	226.1
<b>Total</b>	<b>27,250.3</b>	<b>27,357.8</b>	<b>30,957.7</b>	<b>35,613.8</b>	<b>42,047.5</b>

**Appendix XVII: Households Final Consumption Expenditures by Purpose, Current Prices, (Million), 2010 - 2015**

Purpose	2010	2011	2012	2013	2014	2015
Food and non-alcoholic beverages	25,099.7	26,326.6	26,218.2	31,453.8	30,538.0	31,779.1
Alcoholic beverages, tobacco	865.3	907.6	903.9	1,084.4	1,052.8	1,095.6
Clothing and footwear	3,749.3	4,090.3	3,621.3	3,734.1	4,157.5	2,894.2
Housing, water, electricity, gas and other fuels	6,039.9	7,447.6	9,178.7	10,719.9	12,577.9	15,375.1
Furnishings, household equipment and routine household maintenance	3,402.9	4,277.6	4,905.8	5,039.3	3,861.4	4,066.1
Health	831.4	994.8	1,311.0	1,158.1	1,469.2	1,907.1
Transport	2,449.4	3,911.7	6,755.3	7,942.9	9,609.7	13,981.9
Communication	1,175.3	1,843.1	2,807.4	2,900.3	3,223.2	3,614.0
Recreation and culture	801.1	2,867.9	924.8	853.8	1,075.4	1,248.6
Education	2,748.9	4,007.9	4,782.2	5,570.7	9,886.1	7,101.2
Restaurants and hotels	434.6	493.4	621.7	500.2	575.5	745.9
Miscellaneous goods and services	1,380.9	1,849.8	2,181.0	2,448.2	3,540.6	3,868.9
<b>Households final consumption expenditures, total</b>	<b>48,978.8</b>	<b>59,018.2</b>	<b>64,211.1</b>	<b>73,405.6</b>	<b>81,567.1</b>	<b>87,677.7</b>





### Appendix XVIII: Government Final Consumption Expenditures by Functions, Current Prices, (K'Million), 2010 - 2015

Function	2010		2011		2012		2013		2014		2015	
	Individual	Collective	Individual	Collective	Individual	Collective	Individual	Collective	Individual	Collective	Individual	Collective
General Public Services	0.0	1,452.5	0.0	1,453.9	0.0	4,236.6	0.0	6,442.3	0.0	5,146.3	0.0	5,733.8
Defense	0.0	572.1	0.0	1,770.9	0.0	2,066.6	0.0	2,512.7	0.0	3,240.8	0.0	3,728.6
Public Order and Safety	0.0	315.5	0.0	1,053.1	0.0	969.3	0.0	1,487.3	0.0	2,006.3	0.0	2,313.0
Economic affairs	0.0	2.5	0.0	2,098.3	0.0	1,863.3	0.0	1,190.4	0.0	2,121.8	0.0	3,758.7
Environmental protection	0.0	113.8	0.0	15.2	0.0	1.2	0.0	4.3	0.0	17.1	0.0	0.0
Housing and community amenities	705.4	614.8	0.0	303.6	0.0	278.0	0.0	523.4	0.0	1,434.1	0.0	1,953.0
Health	33.6	60.2	1,046.8	598.0	1,158.4	1,136.5	438.0	1,224.1	642.1	1,486.9	738.2	1,552.8
Recreation, culture and religion	1,986.6	195.7	54.8	91.0	8.6	86.5	69.7	107.3	62.9	99.7	52.9	164.6
Education	0.0	12.1	2,617.4	564.4	2,949.9	846.7	3,715.4	707.1	5,756.1	2,092.3	6,799.1	271.9
Social protection	0.0	3,053.3	5.9	9.7	2.6	13.8	3.0	13.8	3.6	152.5	5.5	32.6
<b>Government final consumption expenditures, total</b>	<b>2,725.6</b>	<b>6,392.5</b>	<b>3,724.9</b>	<b>7,958.3</b>	<b>4,119.6</b>	<b>11,498.4</b>	<b>4,226.1</b>	<b>14,212.6</b>	<b>6,464.7</b>	<b>17,797.9</b>	<b>7,595.7</b>	<b>19,509.1</b>

### Appendix XIX: Total Gross Capital Formation by Type of Assets, Current Prices, (Million), 2010 to 2015

Type of assets,	2010	2011	2012	2013	2014	2015
Gross fixed capital formation	25,173.8	32,760.6	31,656.0	39,400.4	51,805.2	70,490.8
Produced fixed assets	25,170.4	31,899.5	31,344.9	39,044.0	51,805.2	70,490.8
Dwellings, other buildings and structures	16,552.9	21,159.8	18,420.6	23,266.4	29,575.9	38,642.2
Machinery and equipment	8,436.9	7,800.8	8,608.7	12,023.2	10,284.4	21,276.3
Transport equipment	1,971.2	1,464.8	1,835.2	3,242.0	2,354.2	2,585.1
Plant, machinery and other equipment	6,465.8	6,335.9	6,773.5	8,781.2	7,930.3	18,691.2
Other produced assets including valuables	180.6	2,938.9	4,315.6	3,754.4	11,944.9	10,572.4
Non-produced fixed assets	3.4	861.1	311.1	356.4	0.0	0.0
Changes in inventory stocks	3,831.4	5,604.0	10,029.3	12,110.4	5,064.3	7,980.7
<b>Gross capital formation</b>	<b>29,076.2</b>	<b>38,364.5</b>	<b>41,685.3</b>	<b>51,510.8</b>	<b>56,869.5</b>	<b>78,471.5</b>





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"To coordinate and Provide Timely, Quality and Credible Official Statistics for use by Stakeholders and Clients for Sustainable Development"

