

Release of Gross Domestic  
Product: Quarterly GDP for 3<sup>rd</sup>  
Quarter 2014 and Revised Annual  
GDP estimates for 2013 and 2014

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# In this release, we

- Present indicators on GDP for the 3<sup>rd</sup> quarter of 2014:
  - Quarter –on -quarter (seasonally adjusted)
  - Year –on-year (actual )
  - Quarter three 2014 oil and non oil GDP
- Revised GDP estimates for 2007 to 2014
- Recap

# What GDP Measures

- GROSS DOMESTIC PRODUCT (GDP) is the estimate of the total value of final goods and services produced in the country during a given period.
- The estimation of the GDP is done in stages, with estimates generated at each stage being dependent on available data.
- Estimates for each stage are progressively designated as provisional, revised and final. The final estimates are not subject to further changes

# The GDP change rates

## The change rates are:

- **Year-on-year (y/y)** change rate measures changes in the GDP within a period of one year.
- **Quarter-on- quarter (q/q)** change rate measures changes in the GDP within a period of six months. Basically it measures changes in a quarter to the immediate preceding quarter.

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### Note:

- Q/Q change rates are measured only on de-seasonalised quarterly GDP estimates
- De-seasonalisation is the process of estimating and removing seasonal effects such as holidays and festive occasions from the quarterly GDP estimates

# **3<sup>rd</sup> QUARTER GDP ESTIMATES FOR 2014**

# **Quarter-on-quarter growth rate for the 3<sup>rd</sup> quarter 2014 (seasonally adjusted) was 0.7%**

Thus, the value of goods and services produced in the 3<sup>rd</sup> quarter of 2014 grew by 0.7% compared to the 2<sup>nd</sup> quarter of 2014. The comparable growth rate for the 2<sup>nd</sup> quarter was -0.1%.

# Growth drivers for the 3<sup>rd</sup> Quarter 2014

The following subsectors are the growth drivers of the 3<sup>rd</sup> quarter of 2014:

- Livestock, 17.9%
- Finance & Insurance Activities, 6.4%;
- Fishing, 6.4% and,
- Electricity, 6.4.%

## **Growth drivers for the 3<sup>rd</sup> Quarter 2014 (cont.)**

However, the following subsectors recorded negative growth rates:

- Transport and Storage, -3.5%
- Hotels & restaurant activities, -1.9%
- Water & Sewerage, -0.5% and
- Business, Real Estate & Other Services Activities -0.4%



# Quarterly year-on-year growth rate for the 3<sup>rd</sup> quarter 2014

The quarterly year-on-year growth rate for the 3<sup>rd</sup> quarter of 2014 was **5.1%**.

Thus, compared to the 3<sup>rd</sup> quarter of 2013, the value of goods and services produced in the 3<sup>rd</sup> quarter of 2014 increased by **5.1%**.

# **Growth drivers of the 3<sup>rd</sup> quarter 2014 year-on-year growth rate of 5.1%**

The main growth drivers of the quarterly year-on-year growth rate were as follows:

- Financial and insurance Activities grew by 36.0%;
- Information and Communication rose by 16.9%,
- Fishing grew by 15.5%,
- Public Administration expanded by 15.1%.
- Mining and Quarrying was up by 14.2 %

# **Growth drivers to 3<sup>rd</sup> quarter of 2014 year-on-Year growth rate of 5.1% cont.**

Conversely, the following subsectors recorded negative growth rates:

- Transport and storage, -12.2%;and
- Hotel and restaurant, -7.5%.
- Water and sewerage, -3.7% and
- Business Activities, -1.5%

# GDP at Current Prices for the 3<sup>rd</sup> quarter 2014

- The Oil GDP estimate at current prices for the 3<sup>rd</sup> quarter of 2014 was **GH¢ 31,470.0 million** compared to **GH¢25,955.6 million** for the 2<sup>nd</sup> quarter of 2014.
- The Non-oil GDP at current prices for the 3<sup>rd</sup> quarter of 2014 was **GH¢29,688.8 Million** compared to **GH¢24,064.5 million** for the 2<sup>nd</sup> quarter of 2014.
- The sectoral contribution to the GDP in the 3<sup>rd</sup> quarter of 2014 at basic prices were as follows:
  - Agriculture, 24.6%;
  - Industry, 27.6%; and
  - Services, 48.0%; (this was the highest contributor to 2014 Q3 GDP)

# **Revised Annual GDP estimates for 2007 to 2014**

## Revisions to 2007-2014 annual GDP estimates

- The 2007 to 2014 annual GDP estimates have been revised further with the recalculation of Net Indirect taxes at constant prices to reflect the growth rate in GDP at basic prices and for some years (2007-2014) with availability of additional data
- Separate line of FISIM has been inserted from 2006 to 2011
- FISIM has been deducted before arriving at GDP at basic prices in line with recommendations of the System of National Accounts (SNA) 2008

# Revised Annual GDP growth rate for 2013 is 7.3%.

## Revised Sectoral GDP Growth Rate for 2013 (incl. Crude Oil Production)

<b>Sector</b>	<b>Revised (October 2014)</b>	<b>Re-revised (January 2015)</b>
<b>Overall</b>	<b>7.6</b>	<b>7.3</b>
<b>Agriculture</b>	<b>5.2</b>	<b>5.2</b>
<b>Industry</b>	<b>7.3</b>	<b>6.6</b>
<b>Services</b>	<b>9.6</b>	<b>10.3</b>

# Revised Annual GDP growth rate for 2013 (excl. Oil) is 6.7%.

## GDP Growth Rate for 2013 (excl. Crude Oil Production)

<b>Sector</b>	<b>Revised (October 2014)</b>	<b>Re-revised (January 2015)</b>
<b>Overall</b>	<b>7.0</b>	<b>6.7</b>
<b>Agriculture</b>	<b>5.2</b>	<b>5.2</b>
<b>Industry</b>	<b>4.5</b>	<b>3.6</b>
<b>Services</b>	<b>9.6</b>	<b>10.3</b>



# Revised Annual GDP growth rate for 2014 (Inc. Oil) is 4.2%.

## Revised Sectoral GDP Growth Rate for 2014 (incl. Crude Oil Production)

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Sector	Revised (October 2014)	Revised (January 2015)
Overall	6.9	4.2
Agriculture	5.3	5.2
Industry	4.6	3.9
Services	4.6	4.1

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# Revised GDP growth rate for 2014 (excl. Oil) is 4.1%.

## GDP Growth Rate for 2014 (excl. Crude Oil Production)

<b>Sector</b>	<b>Revised (October 2014)</b>	<b>Revised (January 2015)</b>
<b>Overall</b>	<b>6.2</b>	<b>4.1</b>
<b>Agriculture</b>	<b>5.3</b>	<b>5.2</b>
<b>Industry</b>	<b>0.5</b>	<b>3.5</b>
<b>Services</b>	<b>4.6</b>	<b>4.1</b>

## Revised Annual growth rates (%) of activities in the Agriculture sector – 2010 to 2014

Activity	2010	2011	2012	2013	2014
<b>All Agriculture</b>	<b>5.3</b>	<b>0.8</b>	<b>2.3</b>	<b>5.2</b>	<b>5.2</b>
• <b>Crops &amp; Cocoa</b>	5.0	3.7	0.8	5.9	3.6
• <b>Livestock</b>	4.6	5.1	5.2	5.3	5.3
• <b>Forestry and Logging</b>	10.1	-14.0	6.8	0.0	9.4
• <b>Fishing</b>	1.5	-8.7	9.1	5.8	16.4

# Revised Annual Growth Rates (%) of Activities in the Industry Sector – 2010 to 2014

<b>Activity</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>All Industry</b>	<b>6.9</b>	<b>41.6</b>	<b>11.0</b>	<b>6.6</b>	<b>3.9</b>
• <b>Mining and Quarrying</b>	18.8	206.5	16.4	11.6	2.9
<i>O/w crude oil</i>			21.6	18.0	5.1
• <b>Manufacturing</b>	7.6	17.0	2.0	-0.5	1.0
• <b>Electricity</b>	12.3	-0.8	11.1	16.1	6.7
• <b>Water and Sewerage</b>	5.3	2.9	2.2	-1.4	-1.5
• <b>Construction</b>	2.5	17.2	16.4	8.6	7.4

# Revised Annual Growth Rates (%) of Activities in the Services Sector – 2010-2014

	2010	2011	2012	2013	2014
<b>All Service</b>	<b>9.8</b>	<b>9.4</b>	<b>12.1</b>	<b>10.3</b>	<b>4.1</b>
• <b>Financial and Insurance</b>	16.7	1.0	21.9	32.2	23.6
• <b>Public Administration &amp; Defence; Social Security</b>	3.4	7.4	4.2	9.1	11.2
• <b>Transport and Storage</b>	8.0	11.0	9.2	-0.5	-1.8
• <b>Education</b>	5.3	3.8	6.7	6.8	7.2

# Sector shares (%) of Annual GDP 2010 to 2014

Sector	Agriculture	Industry	Services
2010	29.8	19.1	51.1
2011	25.3	25.6	49.1
2012	22.9	28.0	49.1
2013	21.6	27.7	50.7
<b>2014</b>	<b>19.9</b>	<b>28.4</b>	<b>51.7</b>

# Summary Indicators: oil

Indicator	2010	2011	2012	2013	2014
Per capita GDP (GH¢)	1,867	2,370	2,916	3,592	4,197
Per capita GDP (US\$)	1,305	1,566	1,613	1,871	1,427

# Summary Indicators: Non-oil

Indicator	2010	2011	2012	2013	2014
Per capita GDP (GH¢)	1,860	2,222	2,698	3,315	3,953
Per capita GDP (US\$)	1,300	1,468	1,492	1,726	1,345



# RECAP

# Recap

Quarter-on-quarter growth for the 3<sup>rd</sup> quarter of 2014 (seasonally adjusted) was **0.7%**.

## **Growth rates were observed in:**

- Livestock, 17.9%
- Finance & Insurance Activities, 6.4%;
- Fishing, 6.4% and,
- Electricity, 6.4.%

# Recap (Cont'd)

- The Oil GDP estimate at current prices for the 3<sup>rd</sup> quarter of 2014 was **GH¢ 31,470.0 million** compared to **GH¢25,955.6 million** for the 2<sup>nd</sup> quarter, 2014
- The Non-oil GDP at current prices for the 3<sup>rd</sup> quarter of 2014 was **GH¢29,688.8 Million** compared to **GH¢24,064.5 million** for the 2<sup>nd</sup> quarter 2014.
- The sectorial contribution to the GDP in the 3<sup>rd</sup> quarter 2014 at basic prices was as follows:
  - Agriculture, 24.6%;
  - Industry, 27.5% and
  - Services, 47.9%

These results indicate that the Services sector was the highest contributor to the 2014 third quarter GDP.

# Recap(Cont'd)

- The revised Annual GDP estimate for 2014 shows a growth rate of 4.2% over the 2013 annual GDP estimate;
- The Agriculture sector recorded the highest annual growth rate of 5.2%, while the Services and industry sectors recorded growth rates of 4.1% and 3.9 % respectively.
- The Services sector had the highest share (51.7%) of the annual 2014 GDP; followed by Industry (28.4%) and Agriculture (19.9%).

## Recap(Cont'd)

- The revised Annual GDP estimate for 2013 shows a growth rate of 7.3% from the previous rate of 7.6%.
- The Services sector recorded the highest growth of 10.3%, followed by Industry (6.6%), and Agriculture (5.2%).

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