



Ghana Statistical Service
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Newsletter

Quarterly Gross Domestic Product (QGDP)

Second Quarter 2014



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Real Gross Domestic Product (GDP) for the second quarter of 2014 grew by 5.3 per cent (year-on-year)

Real Gross Domestic Product (GDP) for the second quarter of 2014 grew by 5.3% (year-on-year¹) compared to the 10.8% recorded in the second quarter of 2013. The Agricultural sector recorded the highest growth of 8.5%, while Services recorded a growth rate of 2.1%; however, the Industry Sector followed with a negative growth rate of -0.5% (see Table 1.)

Key findings of the performance of activities in the 2nd quarter of 2014 compared with the 2nd quarter of 2013 by economic activities were as follows:

- Livestock production expanded by 36.7%;
- Financial and insurance activities increased by 21.0%;
- Forestry and logging activities by 13.5%;
- Mining and quarrying activities was up by 8.4%; and
- Education increased by 8.8%.

Real Gross Domestic Product growth rate for the second quarter of 2014 was 3.3% per cent quarter-on-quarter², seasonally adjusted

Seasonally adjusted quarter-on-quarter estimates of the real GDP grew by 3.3% in the second quarter of 2014 over the estimates for the first quarter of 2014 2.0% as depicted in Table 2.

The most notable performances were as follows:

1. Public administration, 18.4%;
2. Forestry and logging activities, 8.9%;
3. Mining and quarrying activities, 6.1%

¹ Year-on year estimates compare current economic developments with that of the same period in the previous year. There is little or no influence of seasonal variations.

² Quarter-on-quarter GDP estimates provide a short term (within six months) picture of current economic developments. Estimates are influenced by seasonal patterns that are caused by economic behaviour or recurrent exogenous factors such as weather patterns, holidays, religious events, festive seasons, etc.

4. Wholesale and retail trade; repair of motor vehicles and motorcycles, 5.9%; and
5. Transport and storage activities, 4.7%.

Key economic developments for second quarter of 2014 seasonally adjusted

- In the Agricultural sector, economic activity in the Crops and cocoa subsector increased by 0.2 percentage from a percent growth recorded in the 1st quarter of 2014. This is due to an increase in the production of cocoa by 4.3%.
- Economic activities in the Mining and Quarrying subsector within the Industry sector slowed by 1.7 percentage point from 7.8% growth recorded in the 1st quarter of 2014. This was due to a decline in the production of Gold and Manganese by 12.8% and 29.7% respectively.
- The Manufacturing subsector recorded a negative growth of 5.4% over the 1st quarter of 2014 marginal growth of 0.2%. This is partly due to no production of petroleum by TOR in 2014 and other unfavorable economic and environmental factors being faced by the subsector.
- There were declines in the production of Electricity by 1.8%, hotel and restaurant activities by 1.0%, and fishing activities by 10.3% over the first quarter of 2014 growth (-1.8%, 5.4% and 14.1% respectively).

Most of the sub-sectors, especially in the Services sector, showed no evidence of seasonality. These subsectors include the following:

- a) Real Estate, Professional, Administrative & Support Service activities
- b) Education
- c) Financial and Insurance activities
- d) Information and Communication activities
- e) Public administration
- f) Transport and storage activities

Nominal GDP (current prices) estimate was GH¢26,079.6 million for the 2nd quarter of 2014

The Oil GDP estimate at current prices for the 2nd quarter of 2014 was **GH¢ 27,203.6 million** compared to **GH¢26,079.6** in the 1st quarter of 2014 (See Table 3).

The Non-oil GDP at current prices for the 2nd quarter of 2014 was **GH¢25,259.7 Million** compared to **GH¢23,553.7 million** in the 1st quarter of 2014.

Structure of the economy

The sectoral contribution in the first quarter of 2014, were as follows:

- Agriculture, 11.8%
- Industry, 30.4%
- Services, 57.8%

Forthcoming Publications

Issue	Expected date of publication
Third quarter of 2014	December 17, 2014
Fourth quarter of 2014	April 15, 2015

ADDITIONAL INFORMATION

Sources and methods

This Statistical Release contains independently compiled quarterly estimates of the gross domestic product (GDP) for the second quarter of 2014. The estimates are based on the 1993 System of National Accounts (SNA), International Standard Industrial Classification Revision 4 published by the United Nations and other international organizations and the Quarterly National Accounts Manual: Concepts, Data Sources, and Compilation prepared by International Monetary Fund (IMF). This means that the methodology, concepts and classifications, are in accordance with the guidelines and recommendations of an internationally agreed system of national accounts. The estimates of real GDP are expressed in terms of the base year, 2006.

The Annual GDP estimates are derived as the sum of the four quarters. Short-term indicators are used to estimate the quarterly GDP (ref Quarterly National Accounts Manual: Concepts, Data Sources, and Compilation - IMF) and benchmarked to the annual GDP. Note that the same methods are employed for the estimation of both the quarterly and annual GDP.

Seasonal adjustment

The quarterly value added and GDP estimates have been seasonally adjusted. Seasonal adjustment is the process of estimating and removing seasonal effects from time series to reveal non-seasonal features. This process is to provide a clearer view of short term movements and trends and also to allow earlier identification of turning points.

Revision Policy

While the majority of revisions are made to the four most recent quarters of the series, there is no restriction on when an estimate of the quarterly series for a given period can be revised. The main causes of revisions are as follows:

- a) Incorporation of additional and improved data: Most revisions reflect the incorporation of a wider range of data. In particular, some data that were not available at the release date are incorporated through revisions into subsequent releases.
- b) Reconciliation of quarterly and annual measures: The process of reconciling the quarterly measures with the annual measures can lead to further revisions. The quarterly measures of these series are based on a smaller range of data than the annual measures.
- c) The estimates for the four quarters of 2013 GDP estimates have been revised for some sectors due to additional information obtained. These sectors are:
 - i. Mining and quarrying
 - ii. Manufacturing
 - iii. Wholesale and retail trade; repair of motor vehicles and motorcycles
 - iv. Hotels and restaurant activities
 - v. Transport and storage activities
 - vi. Information and Communication activities
 - vii. Real Estate, Professional, Administrative & Support Service activities; and
 - viii. Community, social and personal activities

However, the 2013 and 2014 quarterly GDP estimates may be further revised on the basis of additional data being made available.

- d) The 2012 QGDP estimates have all been revised and finalized.

Related publications

Users may also wish to refer to the following publications from **the GSS website:** www.statsghana.gov.gh

- 2014 second quarter GDP bulletin and time series
- Producer Price Index
- Consumer Price Index

Table 1: Quarterly Value Added and Gross Domestic Product at Constant 2006 Prices by Economic Activity

Year	Quarter	Quarterly Value Added (GHc Million)				Year-on-Year change (%)			
		Agriculture	Industry	Services	Total**	Agriculture	Industry	Services	Total**
2010_Q1		1,013.9	1,275.5	3,064.8	5,507.4	1.2	8.7	15.5	8.6
2010_Q2		887.4	1,229.4	2,771.0	5,124.3	12.1	3.8	4.3	5.5
2010_Q3		2,273.3	1,229.2	2,946.7	6,767.7	9.6	5.0	11.8	10.7
2010_Q4		2,278.0	1,318.9	2,931.9	6,852.6	0.7	10.3	7.8	6.9
2011_Q1		1,012.7	1,519.9	3,241.4	6,124.8	-0.1	19.2	5.8	11.2
2011_Q2		903.3	1,752.1	3,105.8	6,102.3	1.8	42.5	12.1	19.1
2011_Q3		2,286.8	1,898.2	3,198.6	7,719.2	0.6	54.4	8.6	14.1
2011_Q4		2,304.4	1,987.0	3,266.9	7,945.0	1.2	50.7	11.4	15.9
2012_Q1*		1,005.9	1,954.0	3,420.0	6,703.0	-0.7	28.6	5.5	9.4
2012_Q2		857.0	1,927.0	3,506.5	6,703.6	-5.1	10.0	12.9	9.9
2012_Q3		2,262.7	2,028.2	3,569.5	8,237.5	-1.1	6.8	11.6	6.7
2012_Q4		2,531.3	2,038.3	3,724.7	8,698.6	9.8	2.6	14.0	9.5
2013_Q1*		1,123.5	2,112.1	3,829.6	7,304.9	11.7	8.1	12.0	9.0
2013_Q2*		920.8	2,235.0	3,889.6	7,429.2	7.4	16.0	10.9	10.8
2013_Q3*		2,390.9	2,072.8	3,843.1	8,596.4	5.7	2.2	7.7	4.4
2013_Q4*		2,618.2	2,108.4	4,020.6	9,252.0	3.4	3.4	7.9	6.4
2014_Q1**		1,209.3	2,171.0	3,859.4	7,781.0	7.6	2.8	0.8	6.5
2014_Q2**		998.9	2,224.8	3,971.3	7,825.8	8.5	-0.5	2.1	5.3

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Table 2: Seasonal Adjusted Quarterly Value Added and Gross Domestic Product at Constant 2006 Prices by Economic Activity

Year	Quarter	Quarterly Value Added (GHc Million)				Quarter-on-Quarter Change (%)			
		Agriculture	Industry	Services	Total GDP**	Agriculture	Industry	Services	Total**
2010_Q1		1,523.0	1,250.1	2,983.7	6,130.0	-2.9	4.8	12.5	6.5
2010_Q2		1,683.0	1,206.8	2,764.2	5,767.0	10.5	-3.5	-7.4	-5.9
2010_Q3		1,651.0	1,242.9	2,935.9	5,936.0	-1.9	3.0	6.2	2.9
2010_Q4		1,585.0	1,354.5	3,036.7	5,980.0	-4.0	9.0	3.4	0.7
2011_Q1		1,688.0	1,491.7	3,165.1	6,447.0	6.5	10.1	4.2	7.8
2011_Q2		1,624.0	1,746.1	3,122.3	6,557.0	-3.8	17.1	-1.4	1.7
2011_Q3		1,490.0	1,897.6	3,202.6	6,624.0	-8.3	8.7	2.6	1.0
2011_Q4		1,549.0	2,022.0	3,321.1	6,809.0	4.0	6.6	3.7	2.8
2012_Q1		1,604.7	1,978.9	3,363.2	7,165.0	3.6	-2.1	1.3	5.2
2012_Q2		1,604.7	1,887.1	3,512.7	7,593.0	0.0	-4.6	4.4	6.0
2012_Q3		1,619.7	2,030.6	3,595.3	7,656.0	0.9	7.6	2.4	0.8
2012_Q4		1,746.5	2,057.9	3,752.4	7,872.0	7.8	1.3	4.4	2.8
2013_Q1*		1,706.5	2,098.4	3,797.1	7,956.0	-2.3	2.0	1.2	1.1
2013_Q2*		1,703.3	2,218.3	3,895.0	8,334.0	-0.2	5.7	2.6	4.8
2013_Q3*		1,707.7	2,083.0	3,885.8	7,977.0	0.3	-6.1	-0.2	-4.3
2013_Q4*		1,789.9	2,131.3	3,999.9	8,314.0	4.8	2.3	2.9	4.2
2014_Q1**		1,859.0	2,168.2	3,836.8	8,483.0	3.9	1.7	-4.1	2.0
2014_Q2**		1,805.0	2,203.2	3,979.1	8,759.0	-2.9	1.6	3.7	3.3

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Table 3: Quarterly GDP at current Prices by Economic Activity and respective sectoral distribution

Year	Quarter	Value Added (Ghc Million)						% of GDP (@ basic prices) Y-Y				
		Agriculture	Industry	Services	Total Value added (GDP @_ basic prices)	Net indirect Taxes	FISIM	Total (GDP in purchaser's value)	Agriculture	Industry	Services	Total Value added (GDP @_ basic prices)
2010_Q1		2,424.4	2,101.1	6,170.6	10,696.0	345.6		11,041.7	22.7	19.6	57.7	100.0
2010_Q2		1,854.3	1,952.8	4,865.0	8,672.1	598.2		9,270.3	21.4	22.5	56.1	100.0
2010_Q3		4,290.7	1,972.9	5,386.3	11,649.8	852.3		12,502.1	36.8	16.9	46.2	100.0
2010_Q4		4,340.3	2,267.6	5,761.8	12,369.7	858.3		13,228.0	35.1	18.3	46.6	100.0
2011_Q1		2,305.3	3,004.6	7,351.8	12,661.6	958.8		13,620.5	18.2	23.7	58.1	100.0
2011_Q2		1,824.5	3,547.8	7,441.6	12,813.9	967.3		13,781.1	14.2	27.7	58.1	100.0
2011_Q3		4,705.2	3,755.0	5,977.3	14,437.6	957.0		15,394.6	32.6	26.0	41.4	100.0
2011_Q4		5,319.8	3,966.9	6,652.0	15,938.7	1,081.4		17,020.1	33.4	24.9	41.7	100.0
2012_Q1		2,733.3	4,834.8	7,503.0	15,071.0	1,109.8	484.2	15,696.6	18.1	32.1	49.8	100.0
2012_Q2		2,324.8	4,966.1	8,044.2	15,335.1	1,164.1	500.2	15,999.0	15.2	32.4	52.5	100.0
2012_Q3		5,757.1	5,347.9	8,453.4	19,558.4	1,115.1	587.6	20,086.0	29.4	27.3	43.2	100.0
2012_Q4		5,852.9	5,638.7	11,130.9	22,622.5	1,299.7	744.7	23,177.5	25.9	24.9	49.2	100.0
2013_Q1*		3,144.6	6,638.1	10,353.8	20,136.5	1,231.2	724.9	20,642.8	15.6	33.0	51.4	100.0
2013_Q2*		2,786.4	6,498.7	11,128.2	20,413.3	1,392.2	759.8	21,045.8	13.7	31.8	54.5	100.0
2013_Q3*		7,025.2	6,258.7	11,883.5	25,167.3	1,486.9	1,060.0	25,594.3	27.9	24.9	47.2	100.0
2013_Q4*		7,012.6	6,665.3	11,945.4	25,623.3	1,835.4	874.3	26,584.4	27.4	26.0	46.6	100.0
2014_Q1**		3,691.7	8,348.0	13,088.1	25,127.8	1,979.1	1,027.2	26,079.6	14.7	33.2	52.1	100.0
2014_Q2**		3,076.1	7,937.7	15,117.0	26,130.7	2,160.4	1,087.5	27,203.6	11.8	30.4	57.8	100.0

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***FISIM is a negative

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