



Ghana Statistical Service
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Newsletter

Quarterly Gross Domestic Product (QGDP)

Fourth Quarter 2020



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Main points

- Ghana provisional real Gross Domestic Product (GDP) in volume terms was estimated to have increased by 3.3% in quarter four (October to December) of 2020 compared to the same period in 2019.
- When seasonally adjusted, Ghana real GDP increased to 0.8% in quarter four (October to December) of 2020; from -0.8% recorded in quarter three (July to September) of 2020.
- The Agriculture Sector was the main driver of GDP growth, recording 8.2% in quarter 4, 2020.
- Key sub-sectors that contracted in quarter four of 2020 are:
 - Hotel and Restaurants (-35.1%);
 - Electricity (-15.0%);
 - Mining and Quarrying (-10.9%);
 - Professional, Administrative & Support Service activities (-5.2%);
 - Forestry & Logging (-9.3%)
- Main sub-sectors that expanded in four of 2020 are:
 - Information & Communication (22.5%);
 - Public Administration, Defense & Social Security (16.4%);
 - Health & Social Work (15.8%);
 - Crops and Cocoa (10.6%);
 - Trade, Repair of Vehicle, Household Goods (5.5%);
 - Real Estate (43.5%);
 - Manufacturing (14.2%) and;
 - Construction (8.5%)

Things you need to note about this release

Gross Domestic Product (GDP) growth is the main indicator of economic performance. There are three approaches used to measure GDP: the output approach, the expenditure approach, and the income approach.

This Statistical Release contains independently compiled quarterly estimates of the Gross Domestic Product (GDP) for the 4th quarter of 2020 using the production approach. The estimates are based on the 2008 System of National Accounts (SNA), the International Standard Industrial Classification (Rev.4) published by the United Nations, and the Quarterly National Accounts Manual: Concepts, Data Sources and Compilation prepared by the 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, 2013.

The Annual GDP estimates are derived independent of the quarterly estimates. Short-term indicators are used to estimate the quarterly GDP (see IMF's Quarterly National Accounts Manual: Concepts, Data Sources and Compilation) and benchmarked to the annual GDP.

Current or Nominal GDP is the value of final goods and services evaluated at current quarter prices.

Constant or Real GDP is the value of final goods and services evaluated at base year prices. In Ghana, the base year is 2013. By using the prices from the base-year (or holding prices constant over time), we eliminate the impact of rising prices on GDP in order to get a measure of "Real" economic activity.

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 to allow early 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 rebased provisional quarterly GDP estimates may be revised further and finalized based on the availability of additional data.

Related Publications

Users may refer to other publications on GDP on the **GSS website:** [**www.statsghana.gov.gh**](http://www.statsghana.gov.gh)

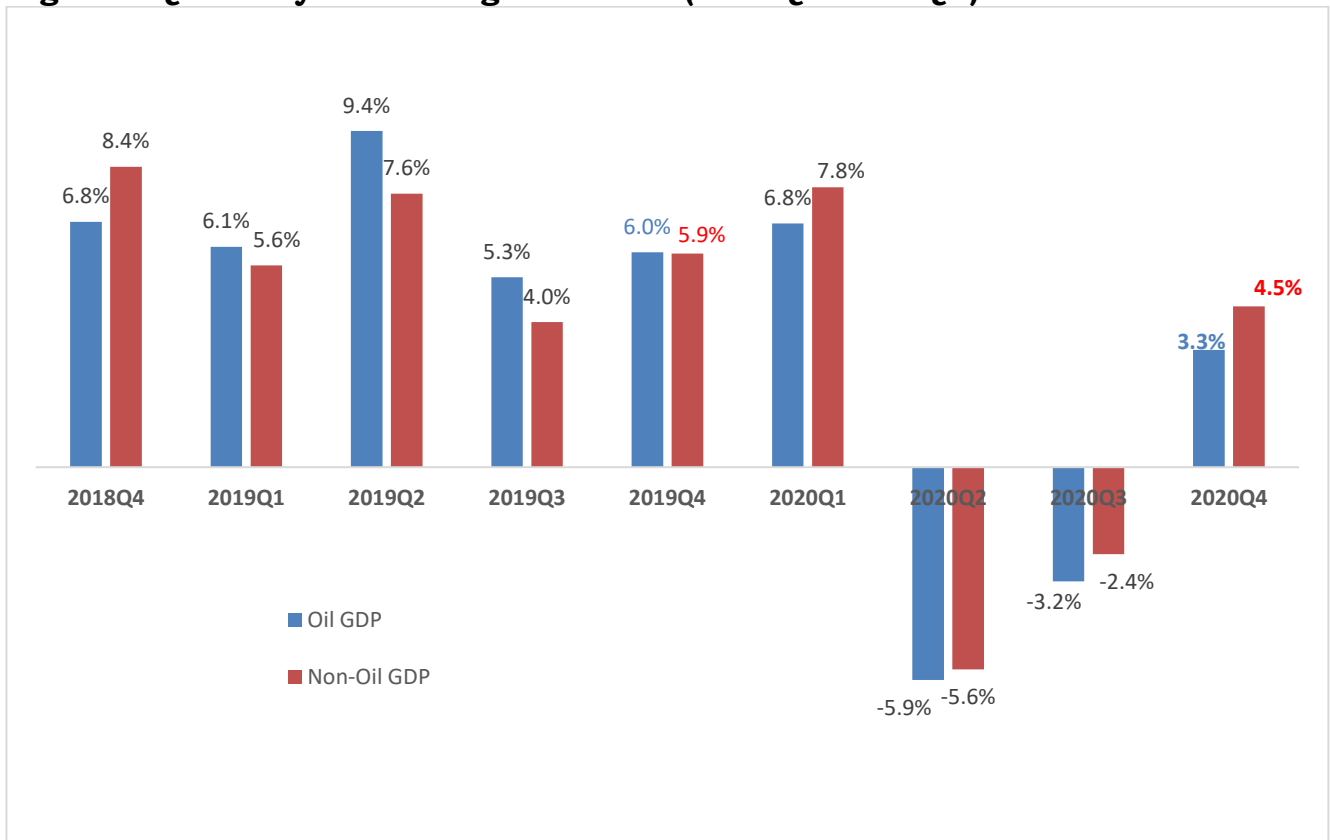
Quarterly real GDP growth, Ghana: October to December 2020

Provisional real quarterly gross domestic product (QGDP) growth rate including Oil and Gas, is 3.3% (year on year) in the fourth quarter of 2020. In the same period of 2019, the growth was 6.0%.

GDP growth rate without oil and gas (Non-Oil GDP) for fourth quarter 2020 is 4.5% which compares to the same period in 2019 with a growth rate of 5.9%.

The Agriculture sector recorded the highest growth of 8.2% and was followed by the Services sector with a growth of 4.6%. There was however a contraction (-0.4%) in the Industry sector.

Figure1: Quarterly real GDP growth rate (2018Q4-2020Q4)



Real quarterly gross domestic product: October to December 2020

The **GDP** (Including Oil & Gas) estimate at constant 2013 prices for the 4th quarter of 2020 was **GH¢43,842.6 million** compared to **GH¢42,455.3 million** in the 4th quarter of 2019.

The **Non-oil GDP** at constant 2013 prices for the 4th quarter of 2020 was **GH¢40,616.8 million** compared to **GH¢38,877.2 million** in the 4th quarter of 2019.

Table1: Year-on-year growth rates in 4th quarter of 2020

Sector	Expanding sub-sectors		Contracting sub-sectors	
Agriculture (8.2%)	Crops and cocoa	10.6%	Forestry & Logging	-9.3%
	Livestock	5.1%		
	Fishing	1.6%		
Industry (-0.4%)	Manufacturing	14.2%	Electricity	-15.0%
	Construction	8.5%	Mining & Quarrying	-10.9%
	Water Supply, Sewerage, Waste Management & Remediation Activities	1.9%		
Services (4.6%)	Real Estate	43.5%	Hotel & Restaurants	-35.1%
	Information & Communication	22.5%	Professional, Administrative & Support	-5.2%
	Public Administration & Defence, Social Security	16.4%		
	Health & Social Work	15.8%		
	Education	11.7%		
	Trade, Repair of Vehicle, Household Goods	5.5%		
	Transport & Storage	5.4%		
	Finance & Insurance	1.3%		
	Other Personal Service Activities	1.0%		

Nominal quarterly gross domestic product: October to December 2020

The GDP estimate at current prices in purchaser's value¹ for the 4th quarter of 2020 was **GH¢101,856. million** compared to **GH¢91,225.9 million** in the 4th quarter of 2019.

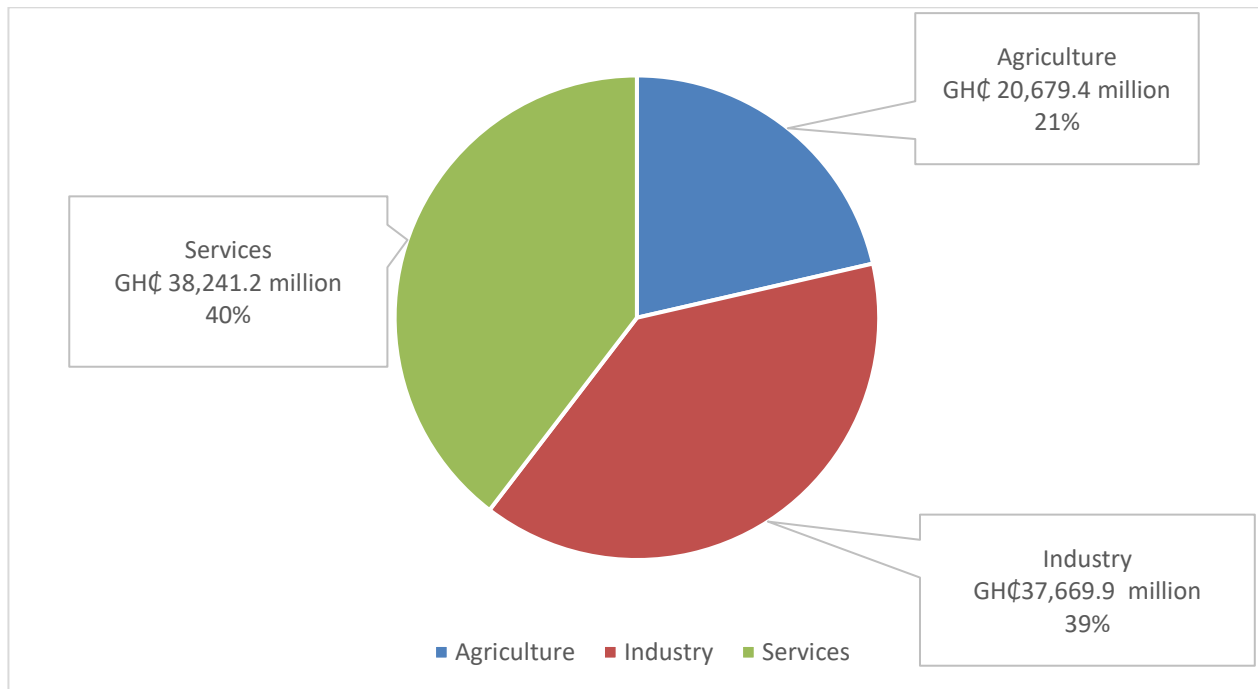
The **Non-oil GDP** (GDP without Oil and Gas) estimate at current prices for the 4th quarter of 2020 was **GH¢87,878.7 million** compared to **GH¢81,095.5 million** in the 4th quarter of 2019.

GDP sectoral shares

1

The Services sector was the largest sector of the Ghanaian economy in the fourth quarter of 2020 with a share of 40 percent of GDP at basic prices. The GDP share of Industry and Agriculture were 39 percent and 21 percent respectively.

Figure 2: Sectoral distribution (%) of nominal GDP at basic prices



Seasonally Adjusted GDP

The Provisional quarter-on-quarter² seasonally adjusted Real Gross Domestic Product (including Oil) growth rate for the 4th quarter of 2020 was 0.8 percent.

For the 4th quarter of 2020, the quarter-on-quarter seasonally adjusted growth rates (see Table 2) were as follows:

- In the Agriculture sector, the Crops and cocoa sub-sector grew by 2.8 percent in the 4th quarter of 2020, compared to 1.2 percent in the 3rd quarter of 2020. The Livestock subsector also grew by 1.7 percent compared to 1.1 percent recorded in the 3rd quarter of 2020, The Fishing sub-sector grew at a lower rate of 0.4 percent in the 4th quarter of 2020, compared to a growth of 5.0 percent in the 3rd quarter of 2020. The Forestry and Logging subsector contracted by 2.4 percent compared to a contraction of 2.9 percent in the 3rd quarter of 2020.
- Within the Industry sector, the Construction sub-sector recorded 1.9 percent in the 4th quarter of 2020, compared to 0.1 percent growth recorded in the 3rd

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

quarter of 2020. Manufacturing sub-sector recovered from a contraction of 1.8 percent in the 3rd quarter of 2020 to grow by 2.9 percent in the 4th quarter. Water Supply, Sewerage, Waste Management & Remediation Activities sub-sector grew by 0.5 percent in 4th quarter of 2020, compared to a contraction of 0.9 percent in the 3rd quarter of 2020. Electricity sub-sector contracted (-3.7%) in 4th quarter of 2020 compared to 4.3 percent growth recorded in the 3rd quarter. The Mining and Quarrying sub-sector continued to contract by 3.0 percent in the 4th quarter of 2020, from -3.5 percent recorded in the 3rd quarter of 2020.

- In the Services sector, Real Estate and Information & Communication grew by 9.4 percent and 6.6 percent respectively in the 4th quarter of 2020 compared to a contraction of 2.7 percent in Real Estate activities and a 6.8 percent expansion in Information & Communication in the 3rd quarter of 2020. The Trade; Repair of Vehicles, Household Goods also grew to 1.4% percent in the 4th quarter of 2020 from a contraction of 2.8 percent in the 3rd quarter of 2020. Compared to 3rd quarter of 2020, the Public Administration & Defense, Social Security grew by a growth of 3.9 percent in 2020Q4. There were contractions in the sub-sectors of Hotel and Restaurants (-14.5%) and Professional, Administrative & Support (-1.2%)

Table 2: Quarter-on-quarter seasonally adjusted growth rates in 2020 Q4

Sector	Expanding sub-sectors	Contracting sub-sectors	
Agriculture (2.2%)	Crops and cocoa 2.8%	Forestry & Logging -2.4%	
	Livestock 1.7%		
	Fishing 0.4%		
Industry (-0.1%)	Manufacturing 2.9%	Electricity -3.7%	
	Construction 1.9%	Mining & Quarrying -3.0%	
	Water Supply, Sewerage, Waste Management & Remediation Activities 0.5%		
Services (1.2%)	Real Estate 9.4%	Hotel & Restaurants -14.5%	
	Information & Communication 6.6%		
	Public Administration & Defence, Social Security 3.9%		
	Health & Social Work 3.3%		Professional, Administrative & Support -1.2%
	Education 3.9%		
	Trade; Repair of Vehicles, Household Goods 1.4%		
	Transport & Storage 1.3%		
	Finance & Insurance 0.3%		
	Other Personal Service Activities 0.2%		

Appendix 1- Quarterly Gross Domestic Product at current prices by economic activity and respective sectoral distribution

Year Quarter	Value Added (Ghc Million)								% of GDP (@ basic prices)				
	Agriculture	Industry	Services	Total Value Added (GDP @_ basic prices)	Net indirect Taxes	Total (GDP in purchaser's value)	ow InformalGDP in purchaser's value	Total Non-Oil (GDP in purchaser's value)	Agriculture	Industry	Services	Total Value Added (GDP @_ basic prices)	ow Informal GDP in purchaser's value
2013_Q1	6,698.2	11,056.7	10,733.0	28,487.9	1,319.6	29,807.5	9,012.8	27,988.7	23.5	38.8	37.7	100.0	30.2
2013_Q2	5,521.8	10,753.2	12,632.2	28,907.2	1,507.6	30,414.8	8,146.1	28,671.1	19.1	37.2	43.7	100.0	26.8
2013_Q3	5,933.7	10,335.5	12,666.1	28,935.2	1,514.2	30,449.4	8,503.8	28,891.3	20.5	35.7	43.8	100.0	27.9
2013_Q4	7,202.2	10,288.8	14,492.4	31,983.5	1,822.4	33,805.9	10,053.4	32,123.6	22.5	32.2	45.3	100.0	29.7
2014_Q1	8,008.4	10,369.4	12,129.7	30,507.5	2,080.7	32,588.2	10,324.5	30,545.5	26.3	34.0	39.8	100.0	31.7
2014_Q2	6,749.9	12,665.2	15,116.4	34,531.6	1,767.3	36,298.8	9,724.2	33,977.6	19.5	36.7	43.8	100.0	26.8
2014_Q3	7,356.8	15,459.3	15,879.3	38,695.4	1,686.6	40,382.0	10,676.1	37,975.1	19.0	40.0	41.0	100.0	26.4
2014_Q4	8,961.1	14,225.0	15,444.2	38,630.3	1,905.5	40,535.8	12,131.5	38,509.6	23.2	36.8	40.0	100.0	29.9
2015_Q1	9,528.0	13,111.5	17,669.7	40,309.2	1,853.5	42,162.7	12,866.1	40,416.7	23.6	32.5	43.8	100.0	30.5
2015_Q2	7,885.1	15,330.2	18,629.0	41,844.3	1,992.0	43,836.3	11,546.8	40,723.5	18.8	36.6	44.5	100.0	26.3
2015_Q3	8,712.4	13,738.0	18,115.6	40,566.0	2,216.0	42,782.0	12,186.9	39,854.4	21.5	33.9	44.7	100.0	28.5
2015_Q4	10,547.8	14,522.4	19,941.5	45,011.8	2,646.6	47,658.4	14,431.0	43,805.5	23.4	32.3	44.3	100.0	30.3
2016_Q1	12,099.8	14,969.4	22,294.6	49,363.8	2,334.6	51,698.4	16,428.5	49,303.5	24.5	30.3	45.2	100.0	31.8
2016_Q2	9,690.3	14,682.7	23,556.0	47,929.0	2,715.2	50,644.2	14,194.7	48,653.1	20.2	30.6	49.1	100.0	28.0
2016_Q3	10,870.7	15,127.1	24,036.0	50,033.8	2,426.4	52,460.3	15,469.1	47,484.1	21.7	30.2	48.0	100.0	29.5
2016_Q4	13,112.2	15,617.3	26,550.3	55,279.8	2,999.3	58,279.1	18,185.4	52,241.3	23.7	28.3	48.0	100.0	31.2
2017_Q1	12,478.6	18,201.6	27,420.0	58,100.2	2,664.7	60,764.9	17,844.7	53,870.7	21.5	31.3	47.2	100.0	29.4
2017_Q2	10,039.7	19,010.8	29,674.0	58,724.5	2,962.5	61,687.0	15,838.0	57,127.3	17.1	32.4	50.5	100.0	25.7
2017_Q3	12,689.8	20,706.5	29,499.0	62,895.2	3,337.7	66,232.9	18,577.5	61,912.2	20.2	32.9	46.9	100.0	28.0
2017_Q4	16,199.7	19,833.6	27,679.1	63,712.4	3,608.8	67,321.3	21,703.6	62,720.2	25.4	31.1	43.4	100.0	32.2
2018_Q1	15,053.6	24,079.1	32,874.8	72,007.5	3,530.4	75,537.9	21,706.5	70,699.3	20.9	33.4	45.7	100.0	28.7
2018_Q2	12,228.9	22,411.1	31,201.3	65,841.3	3,300.6	69,141.9	18,498.4	63,192.0	18.6	34.0	47.4	100.0	26.8
2018_Q3	12,983.5	25,402.2	35,007.9	73,393.6	3,644.2	77,037.9	20,226.7	68,465.0	17.7	34.6	47.7	100.0	26.3
2018_Q4	15,701.0	22,125.5	35,702.4	73,528.9	4,246.6	77,775.5	22,859.0	70,178.1	21.4	30.1	48.6	100.0	29.4
2019_Q1	17,536.5	25,305.3	38,436.5	81,278.3	4,171.1	85,449.4	25,281.0	78,261.8	21.6	31.1	47.3	100.0	29.6
2019_Q2	13,595.0	26,911.4	39,874.0	80,380.4	4,128.1	84,508.5	21,770.2	75,619.5	16.9	33.5	49.6	100.0	25.8
2019_Q3	14,227.0	29,533.8	41,504.1	85,264.8	4,339.6	89,604.4	22,922.0	80,142.0	16.7	34.6	48.7	100.0	25.6
2019_Q4	16,406.5	29,091.3	41,133.6	86,631.4	4,594.5	91,225.9	25,026.2	81,095.5	18.9	33.6	47.5	100.0	27.4
2020_Q1*	19,832.7	32,217.7	55,778.8	107,829.1	3,493.1	111,322.2	31,248.4	101,535.6	18.4	29.9	51.7	100.0	28.1
2020_Q2*	15,458.3	33,441.9	41,531.0	90,431.2	3,950.1	94,381.3	24,517.4	81,103.5	17.1	37.0	45.9	100.0	26.0
2020_Q3*	17,869.3	37,102.9	37,057.3	92,029.6	5,284.3	97,313.9	26,394.0	83,187.4	19.4	40.3	40.3	100.0	27.1
2020_Q4**	20,679.4	37,669.9	38,241.2	96,590.5	5,265.7	101,856.3	29,466.7	87,878.7	21.4	39.0	39.6	100.0	28.9

*revised ** provisional

Appendix 2 - Quarterly value added and GDP at constant 2013 prices by economic activity

Year Quarter	Quarterly Value Added (Ghc Million)							Year-on-Year change (%)						
	Agriculture	Industry	Services	Total Value Added (GDP@_basic prices)	Net indirect Taxes	Total (Oil GDP in purchaser's value)	Low Informal GDP in purchaser's value	Total (Non Oil GDP)***	Agriculture	Industry	Services	Total (Oil GDP)***	Low Informal GDP in purchaser's value	Total (Non-oil GDP)***
2013_Q1	6,698.2	11,056.7	10,733.0	28,487.9	1,319.6	29,807.5	9,012.8	27,988.7						
2013_Q2	5,521.8	10,753.2	12,632.2	28,907.2	1,507.6	30,414.8	8,146.1	28,671.1						
2013_Q3	5,933.7	10,335.5	12,666.1	28,935.2	1,514.2	30,449.4	8,503.8	28,891.3						
2013_Q4	7,202.2	10,288.8	14,492.4	31,983.5	1,822.4	33,805.9	10,053.4	32,123.6						
2014_Q1	6,594.6	9,859.3	11,780.5	28,234.3	1,243.8	29,478.1	9,055.4	27,657.7	-1.5	-10.8	9.8	-1.1	0.5	-1.2
2014_Q2	5,534.3	10,803.0	13,432.7	29,770.0	1,549.1	31,319.1	8,282.0	29,626.2	0.2	0.5	6.3	3.0	1.7	3.3
2014_Q3	6,065.7	11,178.2	13,825.6	31,069.5	1,761.0	32,830.5	8,883.4	31,019.5	2.2	8.2	9.2	7.8	4.5	7.4
2014_Q4	7,389.6	11,073.6	14,115.4	32,578.6	1,826.6	34,405.3	10,262.0	32,463.2	2.6	7.6	-2.6	1.8	2.1	1.1
2015_Q1	6,818.0	10,852.6	13,698.7	31,369.4	1,298.9	32,668.3	9,634.1	30,827.8	3.4	10.1	16.3	10.8	6.4	11.5
2015_Q2	5,575.5	11,129.0	13,985.7	30,690.2	1,653.0	32,343.2	8,471.1	30,582.5	0.7	3.0	4.1	3.3	2.3	3.2
2015_Q3	6,161.5	10,456.1	12,965.0	29,582.6	1,713.6	31,296.2	8,831.5	29,562.7	1.6	-6.5	-6.2	-4.7	-0.6	-4.7
2015_Q4	7,555.5	10,970.4	14,033.4	32,559.3	1,881.2	34,440.5	10,462.1	32,362.9	2.2	-0.9	-0.6	0.1	1.9	-0.3
2016_Q1	6,891.9	10,870.9	13,415.6	31,178.4	1,350.0	32,528.3	9,688.4	31,060.9	1.1	0.2	-2.1	-0.4	0.6	0.8
2016_Q2	5,746.5	10,551.5	13,679.6	29,977.7	1,564.1	31,541.8	8,537.8	30,808.1	3.1	-5.2	-2.2	-2.5	0.8	0.7
2016_Q3	6,355.9	12,036.7	14,407.1	32,799.7	1,979.6	34,779.3	9,376.4	32,970.3	3.2	15.1	11.1	11.1	6.2	11.5
2016_Q4	7,829.8	11,825.4	14,688.8	34,344.0	1,965.5	36,309.5	10,872.8	34,065.0	3.6	7.8	4.7	5.4	3.9	5.3
2017_Q1	7,302.5	12,643.8	13,654.3	33,600.6	1,410.9	35,011.6	10,254.9	32,714.7	6.0	16.3	1.8	7.6	5.8	5.3
2017_Q2	5,980.8	12,483.0	15,311.9	33,775.8	1,699.7	35,475.5	9,193.2	33,231.9	4.1	18.3	11.9	12.5	7.7	7.9
2017_Q3	6,907.8	13,664.5	14,719.2	35,291.6	1,930.3	37,221.9	10,101.0	34,043.7	8.7	13.5	2.2	7.0	7.7	3.3
2017_Q4	8,299.8	13,564.1	14,442.5	36,306.4	2,130.6	38,437.0	11,432.4	34,877.1	6.0	14.7	-1.7	5.9	5.1	2.4
2018_Q1	7,825.8	14,475.4	14,989.2	37,290.4	1,532.0	38,822.4	11,101.0	36,082.0	7.2	14.5	9.8	10.9	8.3	10.3
2018_Q2	6,440.1	13,606.8	14,783.9	34,830.7	1,823.3	36,654.0	9,625.1	34,229.3	7.7	9.0	-3.4	3.3	4.7	3.0
2018_Q3	6,996.0	15,403.5	15,110.5	37,510.1	2,160.7	39,670.8	10,408.2	36,520.2	1.3	12.7	2.7	6.6	3.0	7.3
2018_Q4	8,618.1	14,368.6	14,877.8	37,864.6	2,195.2	40,059.8	11,915.4	36,695.1	3.8	5.9	3.0	4.2	4.2	5.2
2019_Q1	8,307.1	15,641.9	15,729.0	39,678.0	1,525.5	41,203.5	11,822.9	38,109.4	6.2	8.1	4.9	6.1	6.5	5.6
2019_Q2	6,773.7	15,503.7	15,803.7	38,081.1	2,001.1	40,082.2	10,305.9	36,835.5	5.2	13.9	6.9	9.4	7.1	7.6
2019_Q3	7,313.6	16,060.1	16,246.2	39,619.9	2,146.6	41,766.5	10,978.1	37,996.3	4.5	4.3	7.5	5.3	5.5	4.0
2019_Q4	8,876.7	14,331.6	16,737.8	39,946.1	2,509.2	42,455.3	12,510.0	38,877.2	3.0	-0.3	12.5	6.0	5.0	5.9
2020_Q1*	9,157.3	15,861.9	17,549.0	42,568.2	1,431.3	43,999.5	13,032.0	41,077.5	10.2	1.4	11.6	6.8	10.2	7.8
2020_Q2*	7,151.8	14,291.8	14,493.5	35,937.0	1,773.2	37,710.3	10,421.5	34,764.1	5.6	-7.8	-8.3	-5.9	1.1	-5.6
2020_Q3*	7,671.3	14,910.7	15,702.4	38,284.4	2,155.9	40,440.3	11,204.8	37,077.1	4.9	-7.2	-3.3	-3.2	2.1	-2.4
2020_Q4**	9,602.8	14,279.6	17,515.3	41,397.7	2,444.9	43,842.6	13,416.3	40,616.8	8.2	-0.4	4.6	3.3	7.2	4.5

*revised ** provisional

Appendix 3- Seasonally adjusted quarterly value added and Gross Domestic Product at constant 2013 prices by economic activity

Year	Quarter	Quarterly Value Added (GHc Million)						Quarter-on-Quarter Change (%)					
		Agriculture	Industry	Service	Total Value Added (GDP @ basic prices)	Net indirect Taxes	Total (GDP in purchaser's value)	Low Informal GDP in purchaser's value	Agriculture	Industry	Service	Total GDP***	Low Informal GDP in purchaser's value
2013_Q1		5,878.2	10,921.3	12,580.6	29,380.1	1,443.3	30,823.4	8,470.1	-	-	-	-	-
2013_Q2		5,752.2	10,916.7	12,496.1	29,165.1	1,550.4	30,715.5	8,331.9	-2.1	0.0	-0.7	-0.4	-1.6
2013_Q3		5,843.7	10,797.5	12,291.4	28,932.6	1,594.9	30,527.5	8,378.8	1.6	-1.1	-1.6	-0.6	0.6
2013_Q4		6,322.4	10,776.1	12,102.1	29,200.5	1,712.0	30,912.5	8,822.9	8.2	-0.2	-1.5	1.3	5.3
2014_Q1		6,443.3	10,504.7	12,190.3	29,138.2	1,703.4	30,841.6	8,958.2	1.9	-2.5	0.7	-0.2	1.5
2014_Q2		6,400.8	10,563.2	12,487.7	29,451.7	1,726.7	31,178.4	8,974.6	-0.7	0.6	2.4	1.1	0.2
2014_Q3		6,403.7	10,947.4	12,647.4	29,998.6	1,771.9	31,770.5	9,029.7	0.0	3.6	1.3	1.9	0.6
2014_Q4		6,382.0	10,899.9	12,754.2	30,036.0	1,773.3	31,809.3	9,016.5	-0.3	-0.4	0.8	0.1	-0.1
2015_Q1		6,501.1	11,109.9	12,887.3	30,498.4	1,802.6	32,300.9	9,164.5	1.9	1.9	1.0	1.5	1.6
2015_Q2		6,530.6	11,253.5	12,803.8	30,587.9	1,807.4	32,395.3	9,196.1	0.5	1.3	-0.6	0.3	0.3
2015_Q3		6,540.2	11,079.6	12,849.2	30,469.0	1,796.7	32,265.7	9,213.5	0.1	-1.5	0.4	-0.4	0.2
2015_Q4		6,525.9	11,020.2	13,136.7	30,682.7	1,815.8	32,498.5	9,257.9	-0.2	-0.5	2.2	0.7	0.5
2016_Q1		6,532.2	11,161.8	13,226.4	30,920.4	1,831.4	32,751.8	9,293.1	0.1	1.3	0.7	0.8	0.4
2016_Q2		6,578.3	10,987.7	13,328.4	30,894.4	1,847.8	32,742.1	9,339.5	0.7	-1.6	0.8	0.0	0.5
2016_Q3		6,636.6	11,240.4	13,408.6	31,285.5	1,876.1	33,161.7	9,425.5	0.9	2.3	0.6	1.3	0.9
2016_Q4		6,715.6	11,497.4	13,503.6	31,716.5	1,910.1	33,626.6	9,537.0	1.2	2.3	0.7	1.4	1.2
2017_Q1		6,833.1	11,927.2	13,552.3	32,312.7	1,932.6	34,245.3	9,689.2	1.8	3.7	0.4	1.8	1.6
2017_Q2		6,888.5	12,500.3	13,783.8	33,172.6	1,967.1	35,139.7	9,827.6	0.8	4.8	1.7	2.6	1.4
2017_Q3		7,019.9	12,935.4	13,933.7	33,889.0	1,980.2	35,869.2	10,018.6	1.9	3.5	1.1	2.1	1.9
2017_Q4		7,125.8	13,297.9	13,944.1	34,367.7	1,991.8	36,359.5	10,151.5	1.5	2.8	0.1	1.4	1.3
2018_Q1		7,211.4	13,635.8	13,992.6	34,839.8	2,009.2	36,849.0	10,264.6	1.2	2.5	0.3	1.3	1.1
2018_Q2		7,283.3	14,004.2	14,010.6	35,298.1	2,034.7	37,332.9	10,363.7	1.0	2.7	0.1	1.3	1.0
2018_Q3		7,376.9	14,417.0	14,128.8	35,922.7	2,083.6	38,006.3	10,510.7	1.3	2.9	0.8	1.8	1.4
2018_Q4		7,469.4	14,702.1	14,323.7	36,495.2	2,141.7	38,636.9	10,661.9	1.3	2.0	1.4	1.7	1.4
2019_Q1		7,590.3	14,755.2	15,125.3	37,470.9	1,926.2	39,397.1	10,942.9	1.6	0.4	5.6	2.0	2.6
2019_Q2		7,673.7	15,229.4	15,380.3	38,283.4	1,970.7	40,254.1	11,113.1	1.1	3.2	1.7	2.2	1.6
2019_Q3		7,753.1	15,393.6	15,664.2	38,810.9	1,967.1	40,778.0	11,255.6	1.0	1.1	1.8	1.3	1.3
2019_Q4		7,817.8	15,384.3	16,129.2	39,331.3	2,045.6	41,376.9	11,404.2	0.8	-0.1	3.0	1.5	1.3
2020_Q1*		8,030.3	15,439.3	16,584.2	40,053.8	2,022.1	42,075.9	11,706.5	2.7	0.4	2.8	1.7	2.7
2020_Q2*		8,124.8	15,136.4	16,256.6	39,517.8	1,965.1	41,482.9	11,735.4	1.2	-2.0	-2.0	-1.4	0.2
2020_Q3*		8,214.3	14,849.0	16,120.7	39,183.9	1,967.4	41,151.4	11,792.1	1.1	-1.9	-0.8	-0.8	0.5
2020_Q4**		8,395.8	14,836.0	16,315.0	39,546.8	1,951.3	41,498.2	12,018.7	2.2	-0.1	1.2	0.8	1.9

*revised ** provisional