

# Nigerian Gross Domestic Product Report

(Q3 2017)

**Report Date: November 2017**

*Data Source: National Bureau of Statistics*



**NATIONAL BUREAU OF STATISTICS**

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# Preface

This publication provides data on Quarterly Gross Domestic Product (GDP) estimates for the four quarters of 2016, the annual figure for 2016 and estimates for the first, second and third quarters of 2017.

Quarterly National Accounts (QNA) are integrated system of macroeconomic accounts designed to describe the entire system of production in a nation on a quarterly basis. They provide a picture of the current economic status of the economy that is more timely and frequent than that provided by Annual National Accounts (ANA). The key attribute of QNA is that they provide a reasonable level of detail of the economy that help government to assess, analyse, and monitor economic growth on a regular basis.

QNA adopts the same concepts, definitions and structure as ANA. In principle QNA covers the entire sequence of accounts and balance sheets as reflected in the 2008 System of National Accounts (2008 SNA).

Data for this analysis were obtained from the Quarterly Establishment Survey (QES) conducted by the National Bureau of Statistics (NBS). This series covers major aggregates of quarterly GDP by kind of economic activities at current and constant (2010) prices.

We are grateful to the various agencies and establishments that made their data available as input to the estimates.

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November, 2017.

# Introduction

The National Bureau of Statistics (NBS), has been conducting Establishment Surveys to provide data for the estimation of the Gross Domestic Product (GDP) for the country. In 2008, NBS started to improve the GDP series by conducting Quarterly Establishment Surveys (QES) for the four quarters of each year to complement the annual surveys which normally take place in the first and second quarters of the succeeding year.

In 2016, the National Bureau of Statistics (NBS) conducted the Quarterly Establishment Surveys for the first three quarters of 2016 (Q1-Q3/ 2016), while the fourth quarter survey for 2016, the first, second and third quarters of 2017 was conducted in 2017. These surveys produced the data that was used for the compilation of the quarterly GDP for the four quarters of 2016(Q1 – Q4, 2016) and the three quarters of 2017(Q1, Q2 & Q3, 2017).

In subsequent sections of this report, emphasis will be given to the composition of GDP in the Third quarter of 2017 and the corresponding quarter in 2016.

# Overview of GDP in Q3 2017

The nation's Gross Domestic Product (GDP) grew in Q3 2017 by 1.40% (year-on-year) in real terms, the second consecutive positive growth since the emergence of the economy from recession in Q2 2017. This growth is 3.74% points higher than the rate recorded in the corresponding quarter of 2016 ( -2.34%) and higher by 0.68% points from the rate recorded in the preceding quarter, which was revised to 0.72% from 0.55% (Q2 was revised following revisions by NNPC to oil output and hence led to revisions to Oil GDP) . Quarter on quarter, real GDP growth was 8.97%

## Year to date Real GDP growth stands at 0.43%

In the quarter under review, aggregate GDP stood at N29,451,303.99million in nominal terms higher when compared to N26,537,651.01 million in Q3 2016, resulting in a Nominal GDP growth of 10.98%. This growth is higher relative to growth recorded in Q3 2016 of 9.15%. The broad classification into the oil and non-oil sectors will give a clearer depiction of the Nigerian economy (Figure 1):

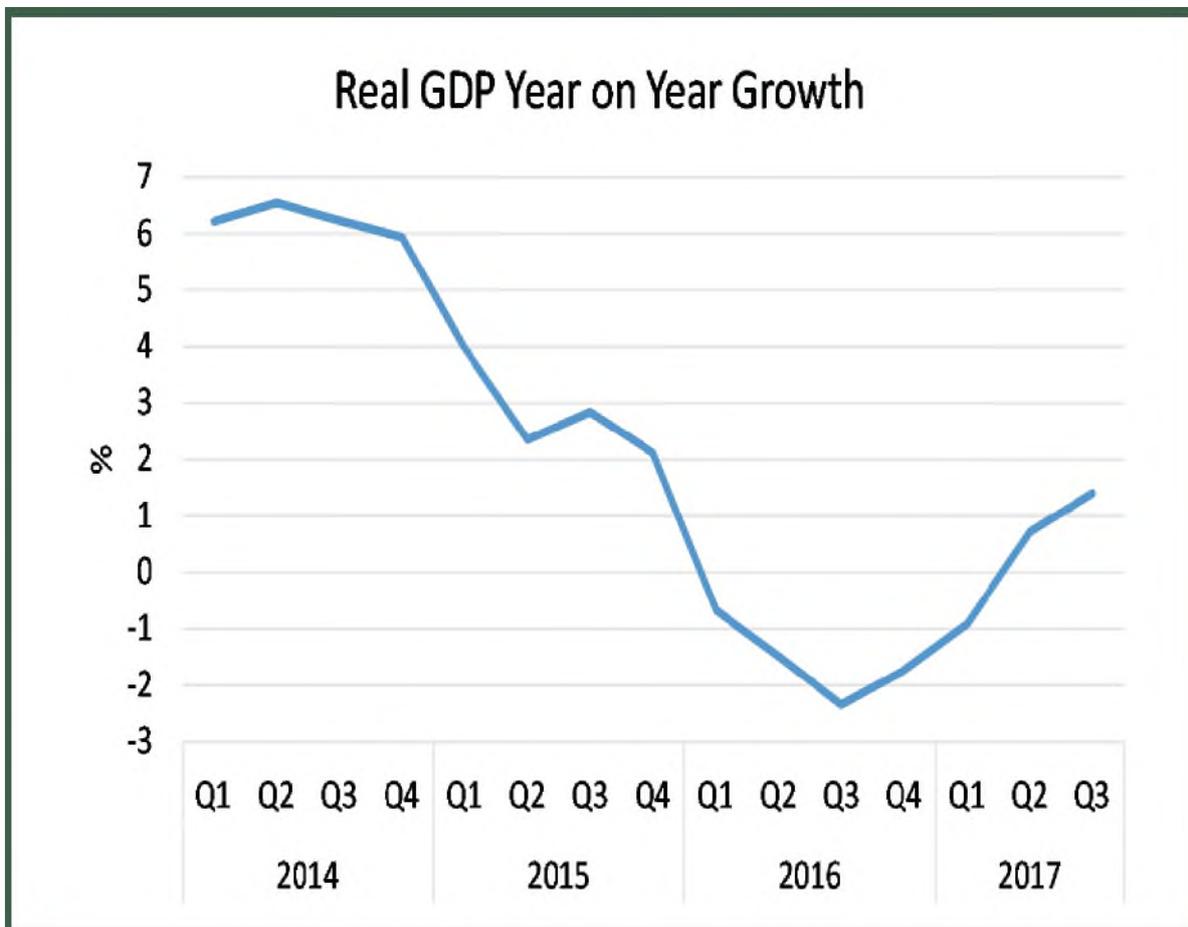


Figure1: Real GDP Growth

# The Oil Sector

In the period under review, Oil production is estimated to have averaged 2.03million barrels per day (mbpd), 0.15million barrels higher than the revised daily average production recorded in the second quarter of 2017 (revised from 1.84mbpd to 1.87mbpd). Oil production during the quarter was higher by 0.42million barrels per day relative to the corresponding quarter in 2016, which recorded an output of 1.61mbpd. (Figure2)

*Note that oil output for May and June 2017 has been revised; this affected average output for the second quarter 2017 from 1.84mbpd to 1.87mbpd.*

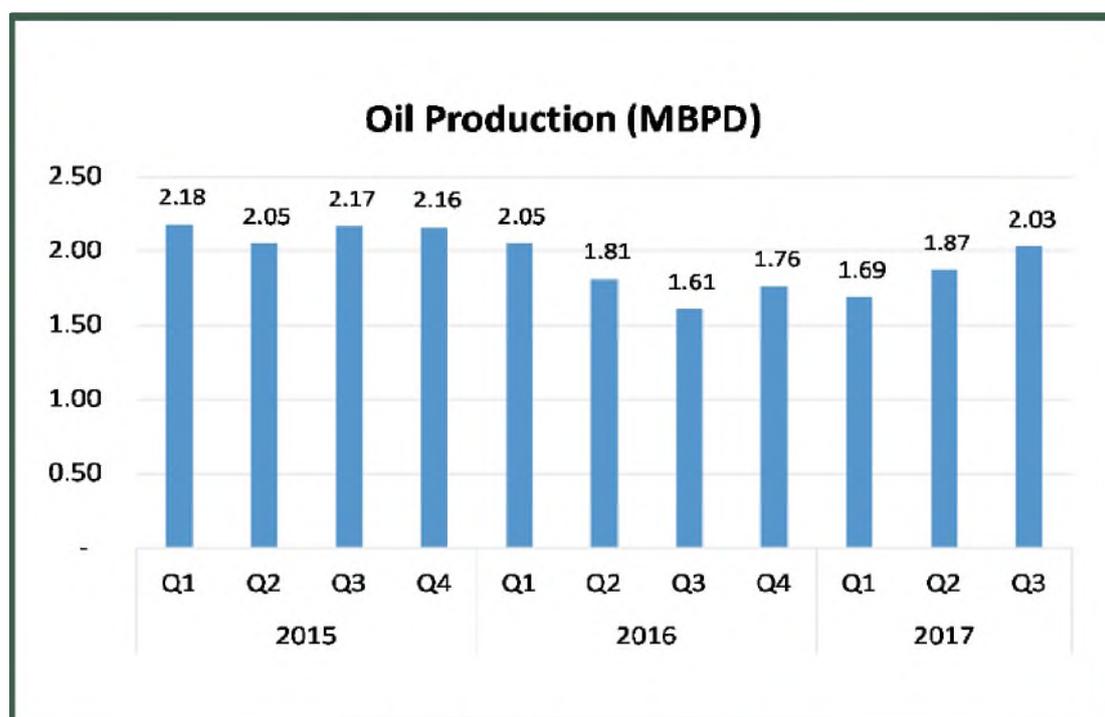


Figure 2: Crude Oil Output (MBPD)

Real growth of the oil sector was 25.89% (year-on-year) in Q3 2017. This represents an increase of 48.92% relative to rate recorded in the corresponding quarter of 2016. Growth also increased by 22.36% when compared to Q2 2017 which was revised from 1.64% to 3.53%. Quarter-on-Quarter, the oil sector grew by 21.10% in Q3 2017

As a share of the economy, the Oil sector contributed 10.04% of total real GDP in Q3 2017, up from figures recorded in the corresponding period of 2016 and up from the preceding quarter, where it contributed 8.09% and 9.04% to GDP respectively.

*Please note that the data for crude oil production for the second quarter of 2017 has been revised. This revision has also affected GDP figures for the same period.*

## The Non-Oil Sector

The non-oil sector grew by -0.76% in real terms during the reference quarter. This is lower by -0.79% point compared to the rate recorded same quarter, 2016 and -1.20% point lower than in the second quarter of 2017. (See Figure 3). This sector was driven this quarter mainly by Agriculture (Crop), Other services and Electricity, gas, steam and air conditioning supply. In real terms, the Non-Oil sector contributed 89.96% to the nation's GDP, lower than the share recorded in the third quarter of 2016 (91.91%) and in the second quarter of 2017 (90.96%).

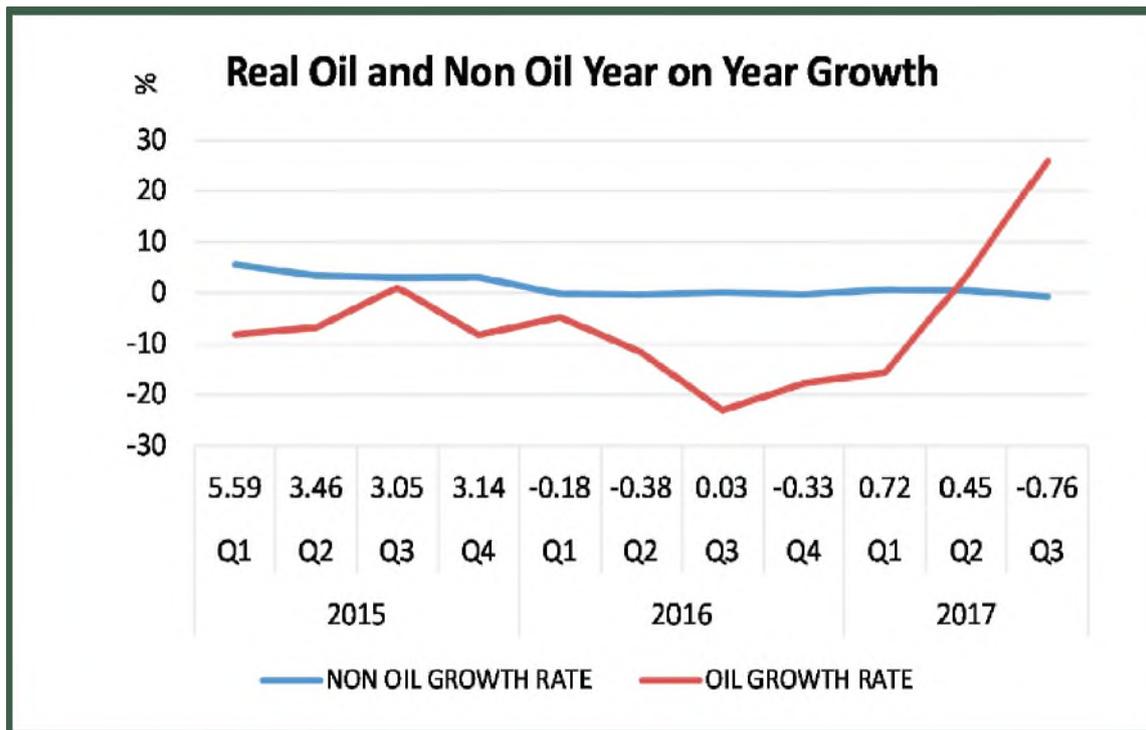


Figure 3: Crude Oil and Non-Oil Growth

# GDP REPORT Q3 2017

## REAL QUARTERLY GDP GROWTH FOR Q3 2017 AT

# 1.40%



2017 YTD

## 0.43

(FROM 0.72% IN Q2 2017)

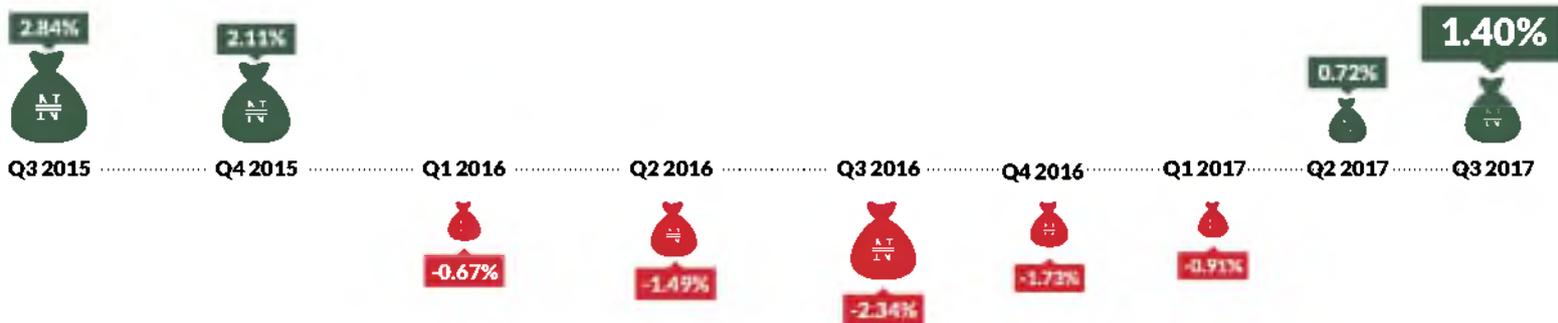
NOMINAL GDP  
(Q3 2017)

## N29.83 Trillion

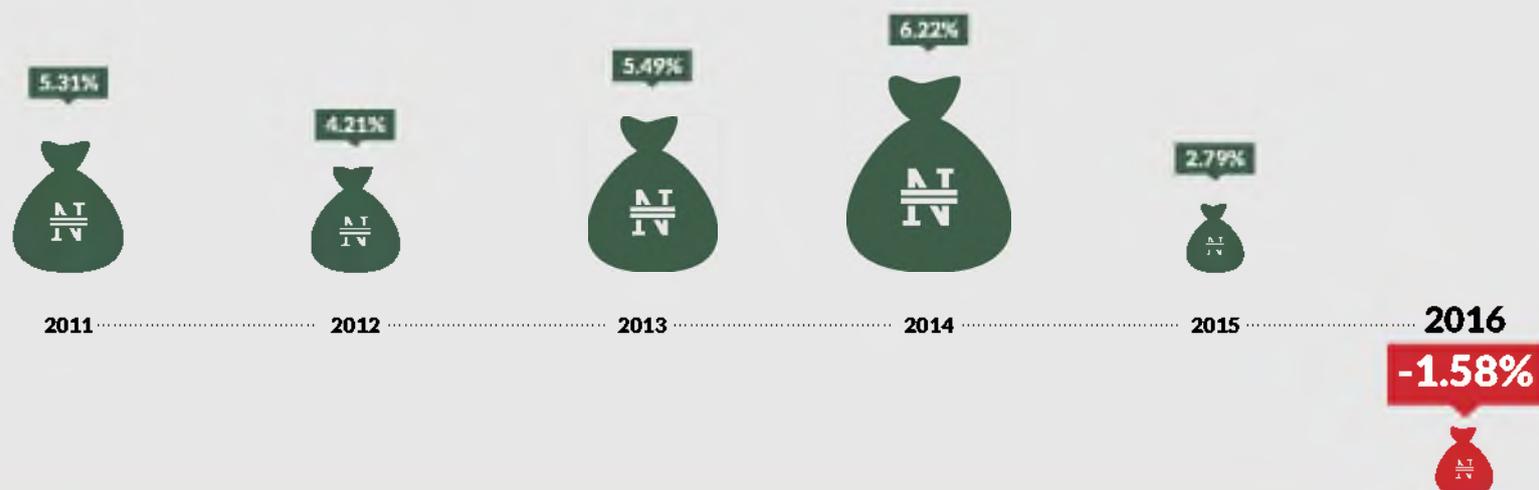
REAL GDP  
(Q3 2017)

## N18.03 Trillion

## GDP REPORT Q3 2017

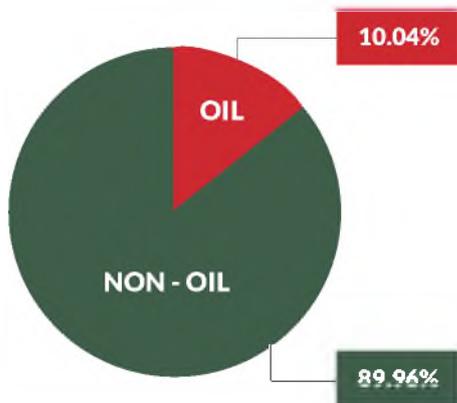


## YEARLY GDP GROWTH RATE



# GDP REPORT Q3 2017

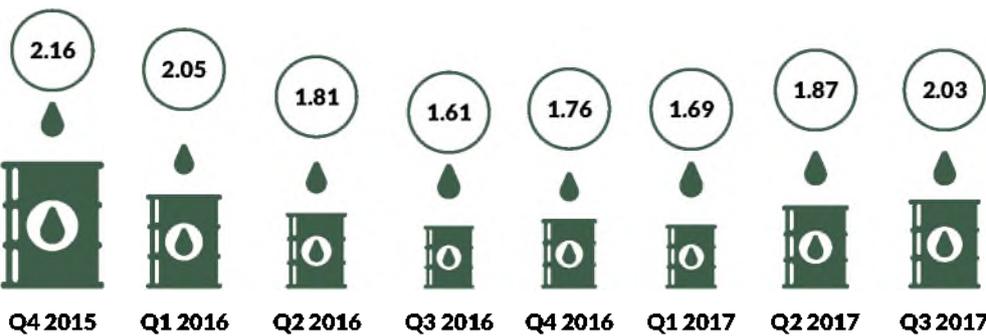
## CONTRIBUTION OF OIL AND NON-OIL SECTORS



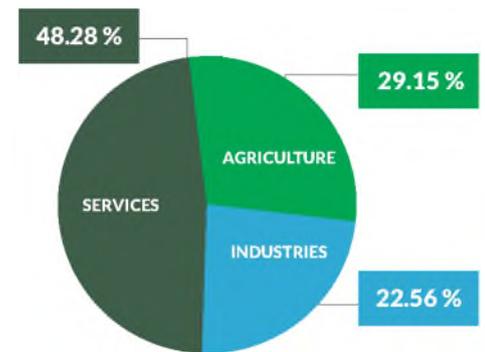
## REAL GDP GROWTH RATE OF OIL AND NON-OIL SECTORS

	Q1 2016	Q2 2016	Q3 2016	Q4 2016	Q1 2017	Q2 2017	Q3 2017
NON-OIL GDP	89.98	91.21	91.91	93.25	91.47	90.96	89.96
OIL GDP	10.02	8.79	8.09	6.75	8.53	9.04	10.04

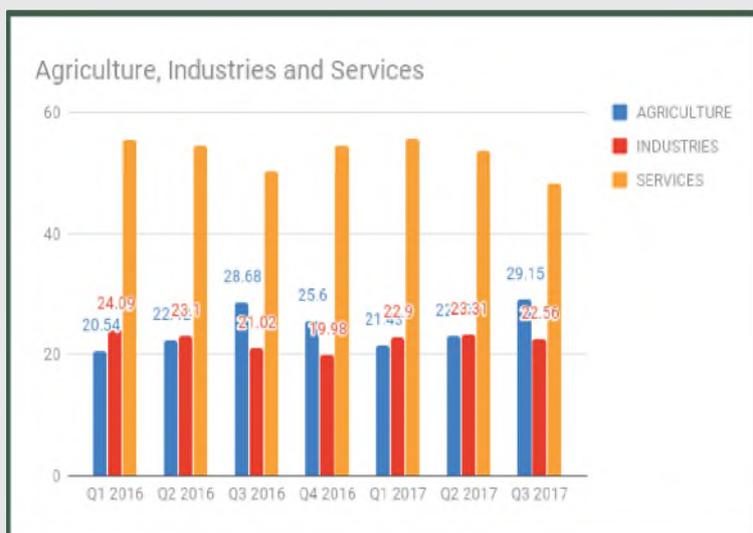
## OIL PRODUCTION (MBPD)



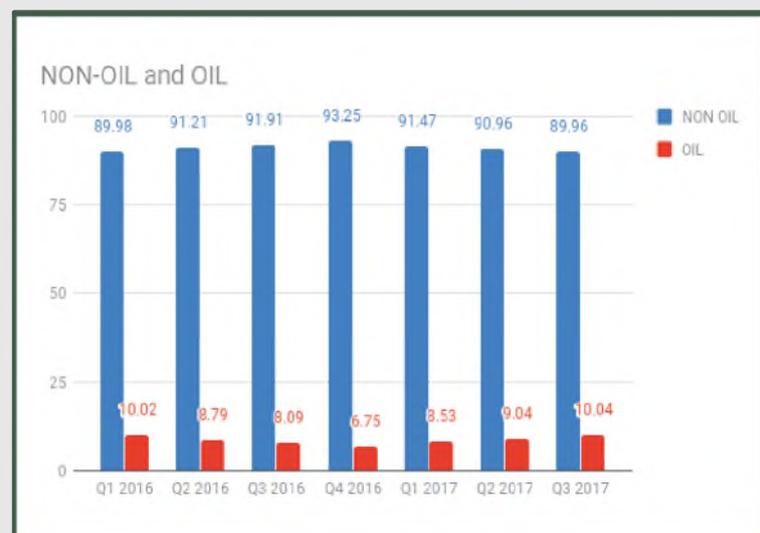
## CONTRIBUTION TO REAL GDP Q3 2017 (%)



## REAL GROWTH RATE BY SECTOR (%) YEAR ON YEAR



## REAL GROWTH RATE BY SECTOR (%) YEAR ON YEAR



# Major Economic Sectors: Q3 2017

## Mining & Quarrying

The third quarter of 2017 saw the Mining & Quarrying sector (which consists of Crude Petroleum and Natural Gas, Coal Mining, Metal ore and Quarrying and other Minerals sub-activities) record a nominal growth of 101.36% (year on year), taking into account revised Q2 2017 data. Crude petroleum and natural gas recorded a growth rate of 102.79%, Metal ore recorded 22.75% and Quarrying and other metals recorded 27.94% respectively maintaining strong year on year growth when compared with the corresponding quarter growth rates of 2016 at 4.09%, 17.11% and 16.46% respectively. The Mining & Quarrying sector contributed 11.17% to overall GDP in the third quarter of 2017, higher than the contributions recorded in 2016 third quarter and the previous quarter at 6.15%, and 9.08% respectively.

In real terms, the Mining and Quarrying sector grew by 25.44% (year-on-year) in the third quarter of 2017. Compared to the third quarter of 2016 and second quarter 2017, it was higher by 48.09% points and 21.93% points respectively. Quarter on quarter, growth rate recorded was 20.84%. The contribution of Mining and Quarrying sector to Real GDP in the third quarter of 2017 stood at 10.19%, higher than the 8.24% recorded in the corresponding quarter of 2016, and also higher than the second quarter result of 2017 which was revised to 9.19%.

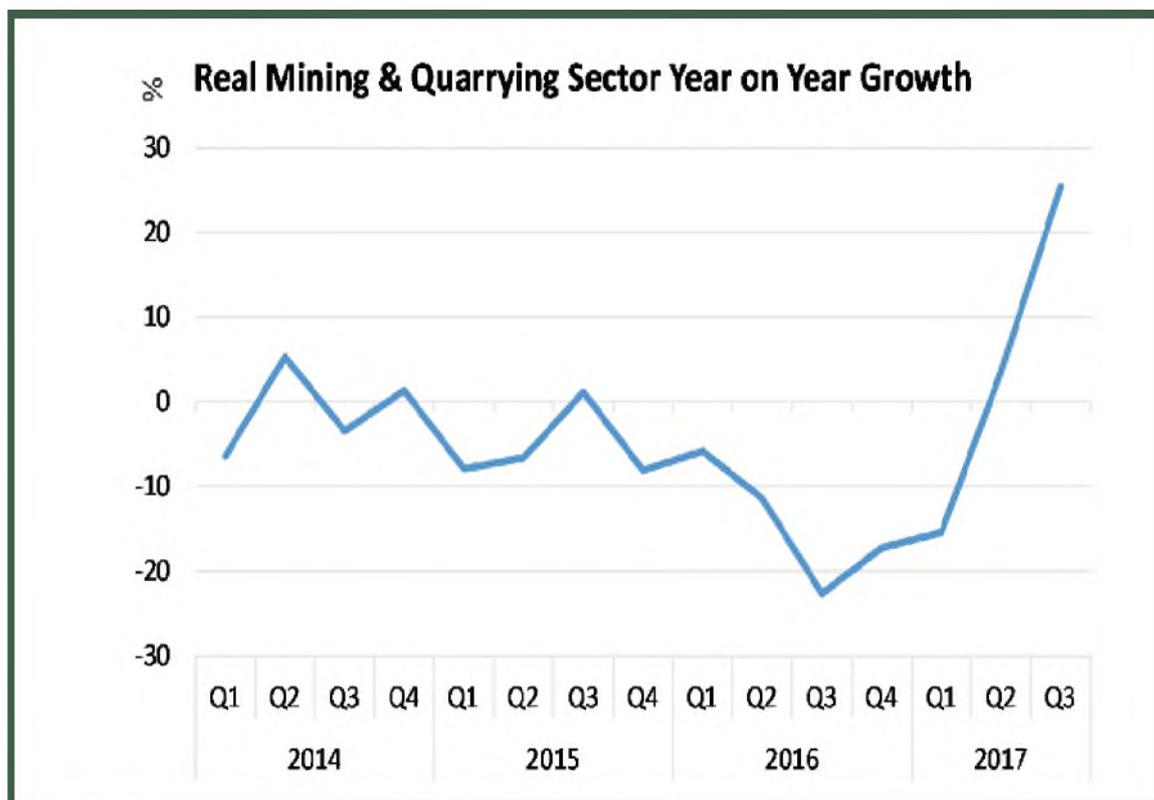


Figure 4: Mining and Quarrying real growth

# Agriculture

Four sub-activities make up the Agricultural sector: Crop Production, Livestock, Forestry and Fishing. sector grew by 12.50% year-on-year in nominal terms, showing an increase over the same quarter of 2016 by 5.13% points but a slight decline by -0.03% points when compared to the preceding quarter's growth rate of 12.53%. Crop Production remains the major driver of the sector as it accounts for 91.97% of overall nominal growth of the sector. In the third quarter of 2017, Agriculture contributed 24.44% to nominal GDP. This figure is higher than the rates recorded for the third quarter of 2016 and second quarter of 2017 at 24.11% and 19.28% respectively.

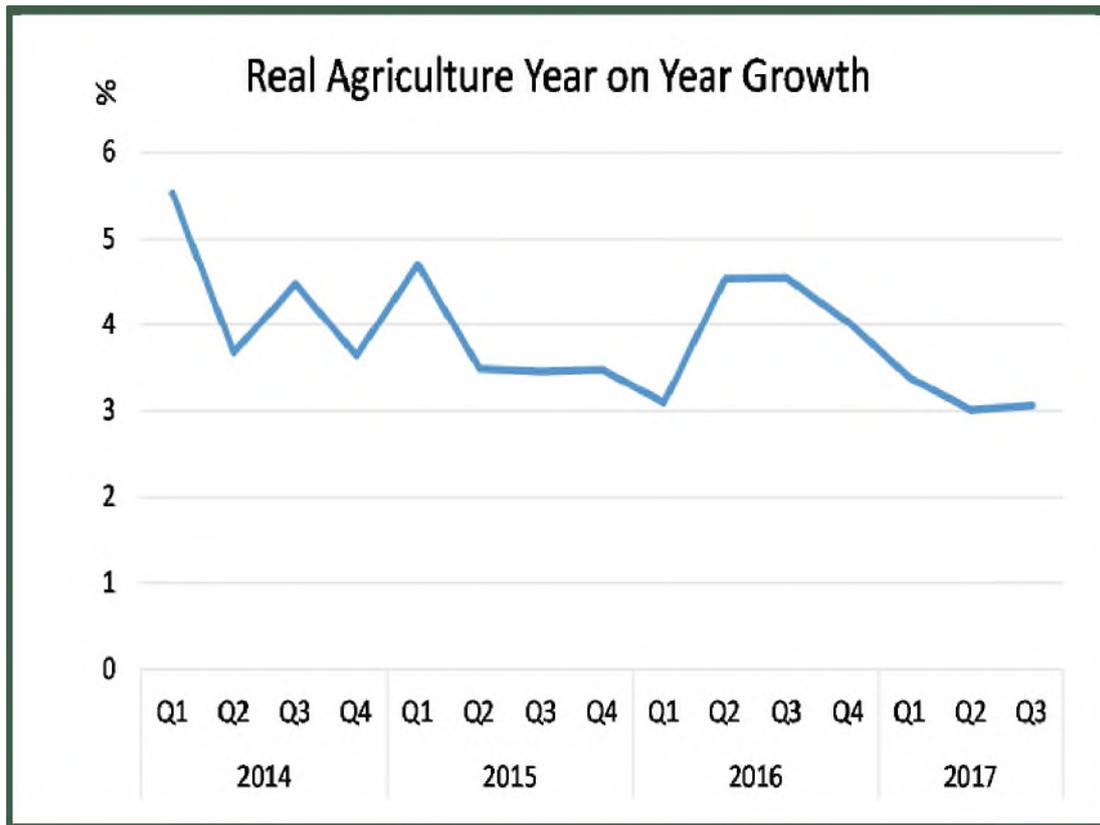


Figure 5: Agriculture real growth

The agricultural sector in the third quarter of 2017 grew by 3.06% (year-on-year) in real terms, a decrease of -1.47% points from the corresponding period of 2016 and an increase of 0.05% points over the preceding quarter. The sector in the current quarter contributed 29.15% to overall GDP in real terms higher than the contributions in the third quarter of 2016 and second quarter of 2017 which stood at 28.68% and 22.93% respectively.

## Manufacturing

The Manufacturing sector is comprised of thirteen activities: Oil Refining; Cement; Food, Beverages and Tobacco; Textile, Apparel, and Footwear; Wood and Wood products; Pulp Paper and Paper products; Chemical and Pharmaceutical products; Non-metallic Products, Plastic and Rubber products; Electrical and Electronic, Basic Metal and Iron and Steel; Motor Vehicles and Assembly; and Other Manufacturing.

Nominal GDP growth of Manufacturing in the third Quarter of 2017 was 10.32% (year-on-year), 13.25% points higher than growth recorded in the corresponding period of 2016 (-2.93%), but -5.65% points lower than the preceding quarter growth of 15.97%. Quarter on Quarter growth of the sector was 3.21%. The contribution of Manufacturing to Nominal GDP in the current quarter was 8.55% , lower than figures recorded in the corresponding period of 2016 at 8.60% and for second quarter of 2017 at 9.02%.

Real GDP growth in the manufacturing sector in the current quarter of 2017 was -2.85% (year on year), higher than the same quarter of 2016 by 1.53% points and -3.49% points lower than rate recorded in the preceding quarter (Figure 6). Growth rate of the sector on a quarter-on-quarter basis stands at 2.59%. Real contribution to GDP in 2017 third quarter is 8.81%.

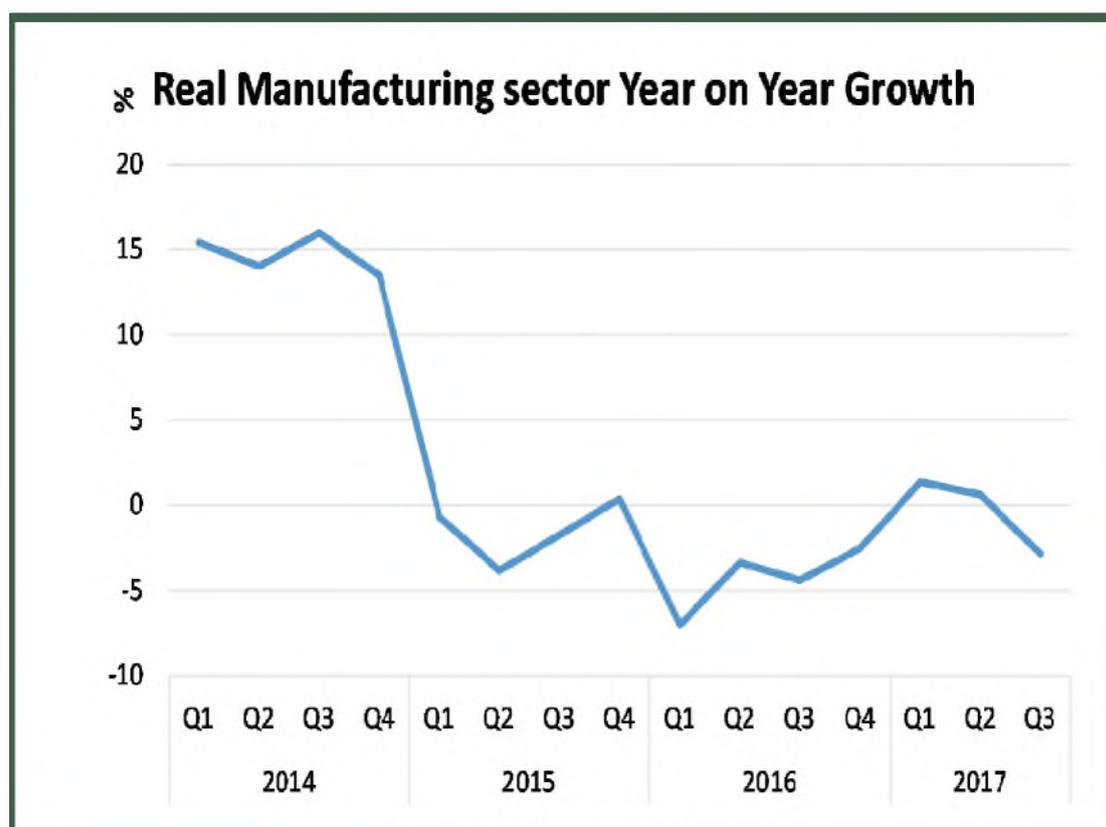


Figure 6: Manufacturing real growth

## Electricity, Gas, Steam and Air Conditioning Supply

The Electricity, Gas, Steam and Air conditioning Supply sector recorded year on year growth of 25.88% in the third quarter of 2017. This is 21.91% points higher than the 3.97% growth rate recorded in the corresponding quarter of 2016, and -33.17% points lower than the growth rate of 59.05% recorded in the quarter before. Quarter-on-Quarter, the sector recorded a growth rate of -10.14%. The contribution of Electricity, Gas, Steam and Air Conditioning Supply to Nominal GDP in the quarter under review is 0.54% higher than the contribution made in the corresponding quarter of 2016 of 0.48%.

In real terms, the sector grew by 11.46% in 2017 quarter three, an increase from a growth rate of -6.68% recorded in the same quarter of 2016 but lower than the second quarter of 2017 growth rate of 35.50%. Quarter-on-Quarter, the sector dropped at a rate of -10.63%. The contribution of Electricity, Gas, Steam and Air Conditioning Supply to real GDP in the quarter was 0.36%.

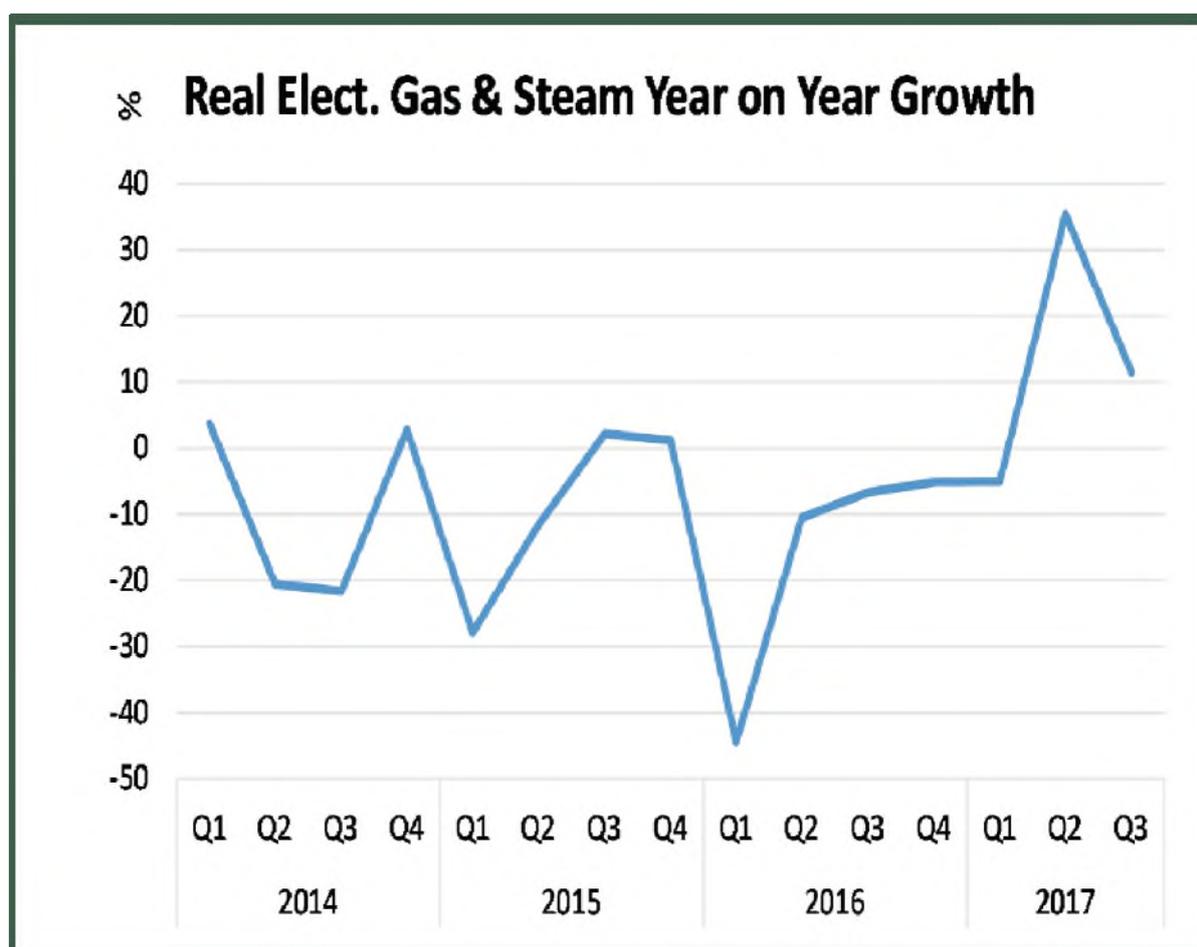


Figure 7: Elect. Gas an Steam real growth

## Construction

The Construction sector grew by 16.69% in nominal terms (year on year) in the third quarter of 2017, an increase of 13.88% points compared to the rate of 2.81% recorded in the same quarter of 2016. There was however a decline of -0.88% points when compared to the rate recorded in the preceding quarter. Nominal growth quarter on quarter was -21.24%. Construction contributed 3.12% to nominal GDP in the third quarter of 2017 higher than the rate of 2.97% it contributed a year earlier but lower than 4.32% contributed in the second Quarter of 2017.

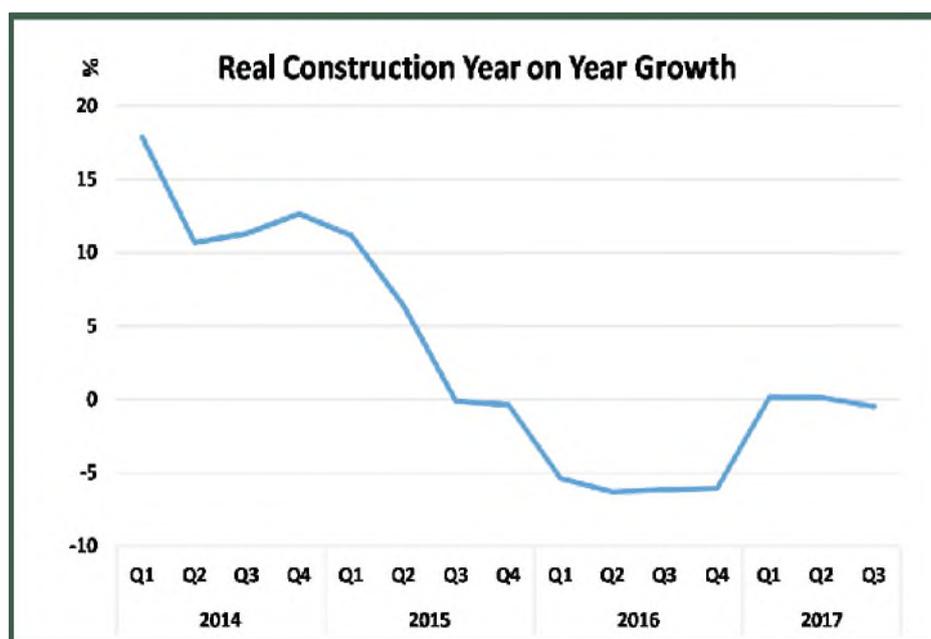


Figure 8: Construction real growth

The real growth rate of the construction sector in the third quarter of 2017 is recorded at -0.46% (year on year), higher by 5.67% points from the rate recorded a year previous. Relative to the preceding quarter, there was a decrease of -0.59% points. Quarter on quarter, the sector grew by -22.07% in real terms. Its contribution to total real GDP is 3.04% in third quarter, 2017; lower than its contribution of 3.10% in the previous year and in the previous quarter where it contributed 4.25%.

## Trade

The nominal year on year growth rate of Trade in the third quarter of 2017 stood at 0.44%. This indicates a drop by -14.93% points and -4.38% points when compared to the third quarter of 2016 and second quarter of 2017 respectively. The quarter on Quarter growth rate was 1.57%. Trade's contribution to Nominal GDP in the third quarter of 2017 was 17.96%, lower than the contribution in the same quarter of the previous year of 19.85%, yet lower than in the preceding quarter recorded at 19.27%



Figure 9: Trade real growth

In real terms, Trade's year on year growth stood at -1.74%, which was -0.35% points lower than the rate recorded one year previous, and -0.12% points lower than in the preceding quarter. Quarter on quarter growth stood at 1.50%. In real terms, Trade's contribution to GDP was 15.90% lower than the 16.40% it represented in the previous year, also lower than the 17.07% recorded in 2017 second quarter.

## Accommodation and Food Services

In nominal terms, Accommodation and Food Services grew by 8.74% year on year in the third quarter of 2017. This represents an increase of 6.02% points relative to the same quarter of 2016, when the growth rate was 2.73%. Growth was also higher than in the preceding quarter by 2.67% points when growth was 6.08%. The sector's contribution to nominal GDP was 0.84% in the third quarter of 2017, slightly lower than the figure of 0.86% recorded a year previous.

The real year on year growth rate for this sector in 2017 third quarter was 0.18%, higher by 5.06% points from -4.88% recorded a year previous. Relative to the preceding quarter, growth rate was 4.23% points higher from -4.05% recorded. Quarter on quarter real growth was 48.87%. The sector in third quarter of 2017 represented 0.86% of the real GDP, which was lower by a small margin than the contribution of 0.87% recorded in the third quarter of 2016 but higher than the second quarter 2017 contribution of 0.63%.

## Transportation and Storage

Six activities make up the Transportation and Storage sector: Road Transport; Rail Transport and Pipelines; Water Transport; Air Transport; Transport Services; and Post and Courier Services.

The sector grew by 0.58% in nominal terms in the third quarter of 2017 (year on year). This rate is lower relative to figure recorded at 19.69% for the corresponding quarter of 2016 and 2.17% in the previous quarter. The fastest growing activity in this quarter was Air Transport with a rate of 9.13% year on year, next is Rail transport and pipelines at 4.91%. Transport contributed 1.43% to Nominal GDP, a drop from the 1.58% recorded in the corresponding period of 2016, and higher than 1.40% recorded in the second quarter of 2017.

In real terms, the Transportation and Storage sector contracted by -6.25% in Q3 of 2017. This rate represented a decline of -6.98% points relative to the same quarter of the previous year and a decrease of -0.07% points relative to the preceding quarter. Quarter on Quarter, growth was 11.30% in real terms. The contribution of the sector to real GDP in the third quarter of 2017 totaled 1.11%, a drop from 1.20% recorded a year previous but higher than 1.09% recorded in the second quarter of 2017.

## Information & Communication

The Information and Communication sector is composed of the four activities of Telecommunications and Information Services; Publishing; Motion Picture, Sound Recording and Music Production; and Broadcasting.

In nominal terms, the sector declined by -2.66% (year-on-year) in the third quarter of 2017, a -11.92% points decrease from the rate of 9.26% recorded in the same quarter of 2016, also -5.31% points lower than rate recorded in the preceding quarter. The Quarter on Quarter growth rate was -15.87%. The Information and Communications sector contributed 8.69% to total Nominal GDP in the third quarter of 2017, lower than the rate of 9.91% recorded in the same quarter of 2016 and the 11.26% it contributed in the preceding quarter.

The sector slowed by -4.48% in real terms, year on year in 2017 third quarter. From the rate recorded in the corresponding period of 2016, there was a decline by -5.58% points. Quarter on Quarter, the sector exhibited a growth of -15.77% in real terms. Of total real GDP, the sector contributed 9.56% in 2017 third quarter, lower than in the same quarter of the previous year, and the preceding quarter, in which it represented 10.15% and 12.37% of the totals respectively.

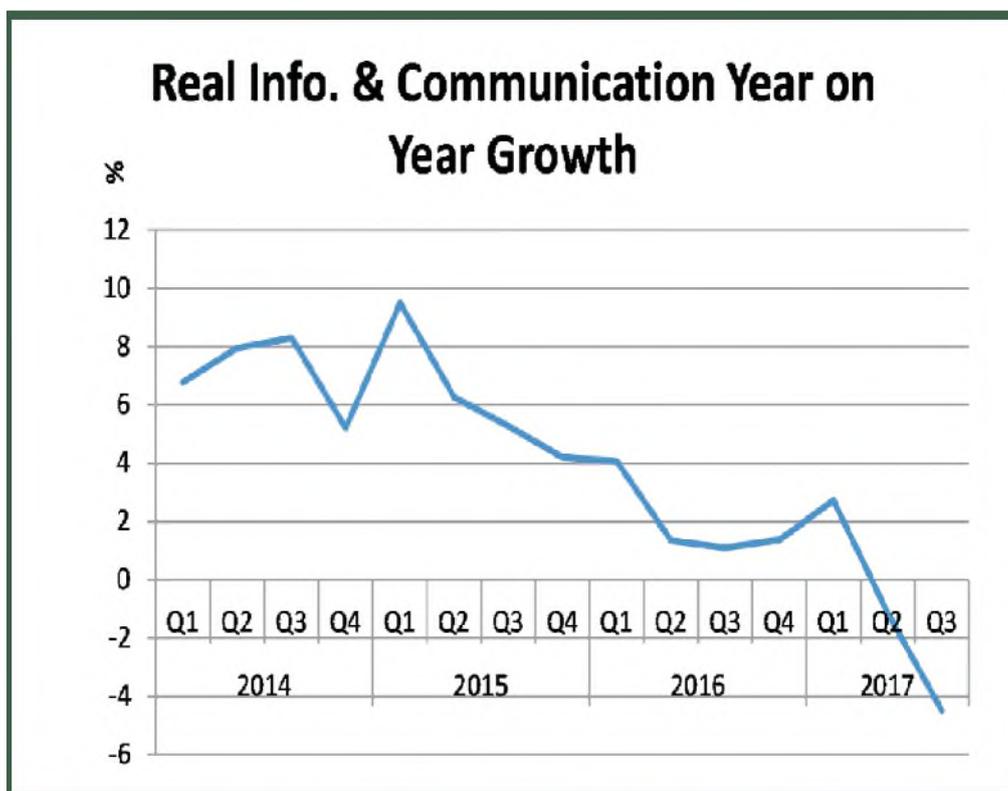


Figure 10: Info and Communication real growth

## Arts, Entertainment and Recreation

Nominal growth in the Arts, Entertainment and Recreation sector was 3.45% in third quarter 2017 (year-on-year), representing a decrease of -9.35% points relative to the same period a year earlier, and a decrease of -1.82% points compared with the preceding quarter. On a quarterly basis, growth was recorded at -11.74%. The activity contributed 0.19% to total nominal GDP, lower from the 0.20% it contributed in third quarter 2016 and equally lower than the 0.23% it contributed in the preceding quarter of 2017.

In real terms, the activity grew by 0.44% year on year, which was lower than the rate recorded in third quarter 2016 by -1.54% points, but higher by 1.06% points when compared with that of the preceding quarter. Quarter on quarter, growth decreased by -11.75% in real terms. Arts, Entertainment and Recreation contributed 0.18% to real GDP in third quarter 2017, relatively lower compare with 0.19% recorded one year previous and lower from 0.23% recorded in the second quarter of 2017.

## Real Estate Services

In nominal terms, Real Estate Services in the third quarter of 2017 grew by 1.59%, lower by -0.97% points than the growth rate reported for the same period in 2016 and lower by -4.58% points compared to the preceding Quarter. Quarter-on-Quarter, the sector growth rate was 2.76%. The contribution to nominal GDP in the third quarter of 2017 was 7.52%, lower than the 8.21% reported in corresponding quarter of 2016 and lower than the 7.97% reported in the preceding quarter.

Real GDP growth recorded in the sector in 2017 third quarter stood at -4.12%, higher from growth recorded in 2016 third quarter by 3.25 % points and lower by -0.59% points relative to second quarter 2017. Quarter-on-quarter the sector grew by 2.59% in the third quarter of 2017. The sector contributed 6.79% to real GDP in third quarter, 2017, lower than the 7.18 % it recorded in the corresponding quarter of 2016 and lower than the 7.21 % in the preceding quarter.

## Finance and Insurance

The Finance and Insurance Sector consists of the two subsectors, Financial Institutions and Insurance, which account for 87.09% and 12.91% of the sector respectively in real terms.

As a whole the sector grew at -3.88% in nominal terms (year on year), with the growth rate of Financial Institutions as -4.47% and 0.32% growth rate recorded for Insurance. The overall rate was lower than that in third quarter of 2016 by -24.53% points, and lower by -21.56 % points than the preceding quarter. The sector's contribution to the overall nominal GDP was 3.04% in third quarter of 2017, lower than the 3.51% it represented a year previous, and yet lower from the contribution of 3.75% it made in the preceding quarter.

Again driven by the Financial Institutions activity, growth of the sector in real terms totaled -5.96%, lower by -8.61% points from the rate recorded in 2016 third quarter and down by -16.42% points from the rate recorded in the preceding quarter. Quarter on quarter growth in real terms stood at -11.67%. The contribution of Finance and Insurance to real GDP totaled 2.69%, lower than the contribution of 2.90% recorded in the third quarter of 2016, yet lower than 3.32% recorded in the preceding quarter.

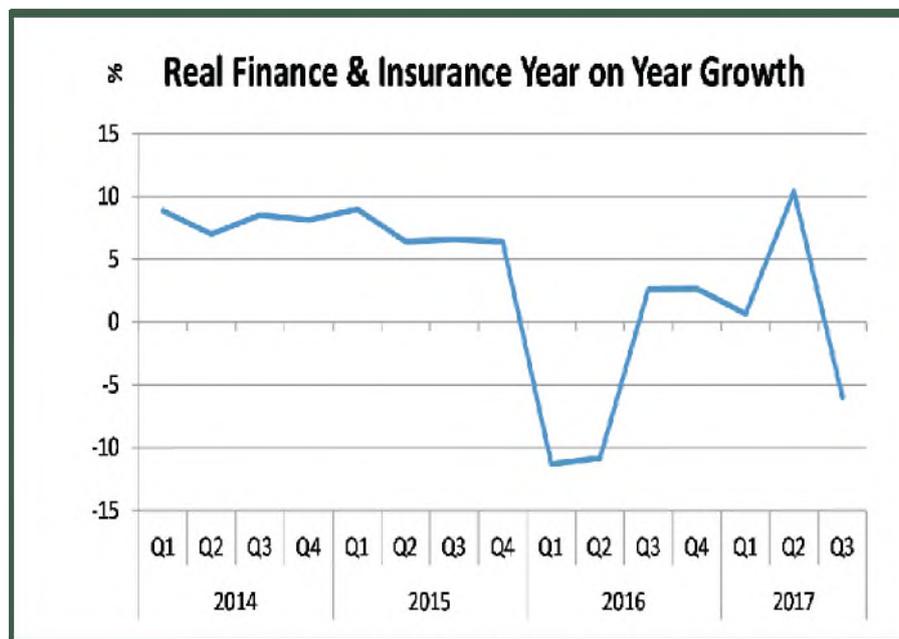


Figure 11: Finance and Insurance real growth

## Administrative and Support Services

In nominal terms, the Administrative and Support Services sector grew by 2.91% (year on year) in third quarter, 2017, lower by -14.64% points compared to third quarter, 2016, and lower by -1.91% points than the growth rate in the previous quarter. The Quarter on Quarter growth rate in the sector was 10.29% in the third quarter of 2017. The contribution of Administrative and Support Services to nominal GDP was 0.02% in 2017 third quarter, lower from the 0.03% it contributed in the same period last year and relatively same with the 0.02% it contributed in the preceding quarter.

In real terms, the sector recorded a growth rate of 0.68% (year-on-year), an increase of 0.67% points from the corresponding quarter of 2016 and an increase of 2.29% point from the rate recorded in the second quarter of 2017. Quarter-on-quarter, the sector grew by 10.21% in the third quarter of 2017. The sector's contribution to real GDP was 0.02% in 2017 third quarter, roughly unchanged from the corresponding quarter in 2016 and 2017 second quarter.

## Education

Nominal growth in the Education sector in the third quarter of 2017 was 3.37% (year-on-year), down by -12.28% points from the growth of 15.64% reported in the corresponding quarter of 2016, and lower by -5.12% points when compared to the second quarter 2017 growth rate of 8.49%. The contribution of Education to nominal GDP in third quarter, 2017 was 2.27%; down from 2.43% estimated in third quarter, 2016 and up from 1.90% in second quarter, 2017.

Real growth in Education year-on-year stood at -1.22% in Q3 2017; a decrease of -1.11% points from the corresponding quarter of 2016 which was estimated at -0.11% . When compared with the previous quarter's rate of -1.34%, the sector increased by 0.12% points. The education Sector contributed 2.18% to total real GDP in Q3 2017 which was lower as against 2.24% reported for corresponding Quarter of 2016 but higher than 1.83% recorded in Q2 2017.

## Professional, Scientific and Technical Services

In Q3 2017, Professional, Scientific and Technical Services recorded a nominal growth of 0.81% (year-on-year), which is -18.38% points lower than Q3 2016, and -3.90% points down from the rate recorded in Q2 2017. Quarter-on-Quarter, the sector grew by 14.17%. The Contribution of Professional, Scientific and Technical Services to nominal GDP was 4.22% in Q3 2017, down from the 4.65% contribution in Q3 2016 but up from the 4.03% recorded in Q2 2017.

Real growth in the sector was recorded at -1.38% in Q3 2017, a decrease of -2.78% points relative to the rate recorded in the corresponding period of 2016, and 0.34% points higher than that of Q2 2017. On a quarter-on-quarter basis, the sector grew by 14.09% in Q3 2017. Professional, Scientific and Technical Services contributed 3.74% to aggregate GDP in Q3 2017, lower than the 3.84% it contributed in Q3 2016 but higher than 3.57% in Q2 2017.

## Public Administration

In nominal terms, the Public Administration sector grew by 1.48% in Q3 2017, lower by -11.87% points from the corresponding quarter of 2016 and lower by -6.80% points relative to Q2 2017. Quarter-on-Quarter, the sector grew by -7.88%. The contribution of Public Administration to Nominal GDP stood at 2.34% in Q3 2017, lower than the 2.56% recorded in Q3 2016 and lower than 2.77% recorded in Q2 2017.

In real terms, the sector recorded a growth rate of -0.72% (year on year) in Q3 2017, higher by 2.85% points and lower by -2.35% points from the Q3 2016 rate and the Q2 2017 rate respectively.

On Quarter on quarter, the sector grew by -7.94% in Q3 2017. The contribution of Public Administration to Real GDP stood at 2.07% in Q3 2017, lower compared to 2.12% in Q3 2016 and 2.45% in Q2 2017 respectively.

## Human Health and Social Services

The year on year growth rate for Health and Social Services in nominal terms was 2.53%, a decrease relative to the growth rate of 10.37% reported in the same quarter of 2016 by -7.84% points. The contribution to nominal GDP was 0.67% in Q3 2017, down from the 0.72% recorded in Q3 2016 and 0.72% recorded in Q2 2017.

Real GDP growth of Health and Social Services for Q3 2017 stood at -0.85% (year-on-year) compared to -2.31% for the corresponding period of 2016, which shows an increase of 1.45% points. Quarter-on-Quarter, this sector grew by -0.04%. The contribution of Human Health and Social Services to real GDP was 0.66% in Q3 2017, down slightly from the 0.68% recorded in Q3 2016 and down still from the 0.72% recorded for the preceding quarter of Q2 2017.

## Other Services

In nominal terms, Other Services grew by 3.97% (year-on-year) in Q3 2017. This growth rate is less than the 22.25% growth rate recorded in the same quarter of the previous year and lower than the growth rate of 9.02% in Q2 2017 by -18.28% points and -5.05% points respectively. This sector contributed 2.84% to the aggregate nominal GDP in Q3 2017, lower than the 3.03% it contributed in the same period of the previous year and lower than 3.53% it contributed in the preceding quarter.

Other Services real GDP grew by 1.72% (year-on-year) in Q3 2017. This growth is lower by -2.29% points than the growth recorded in the same period of the previous year, when the figure recorded was 4.01%, and lower by -0.61% points from Q2 2017 when the growth rate was 2.33%. The sector contributed 2.52% to real GDP in Q3 2017 as against the 2.51% reported for the corresponding quarter of 2016. This reveals that the contribution increased by 0.01% points year-on-year.

# GDP REPORT Q3 2017

Agriculture: Q1 2016 - Q3 2017

## Agriculture sector

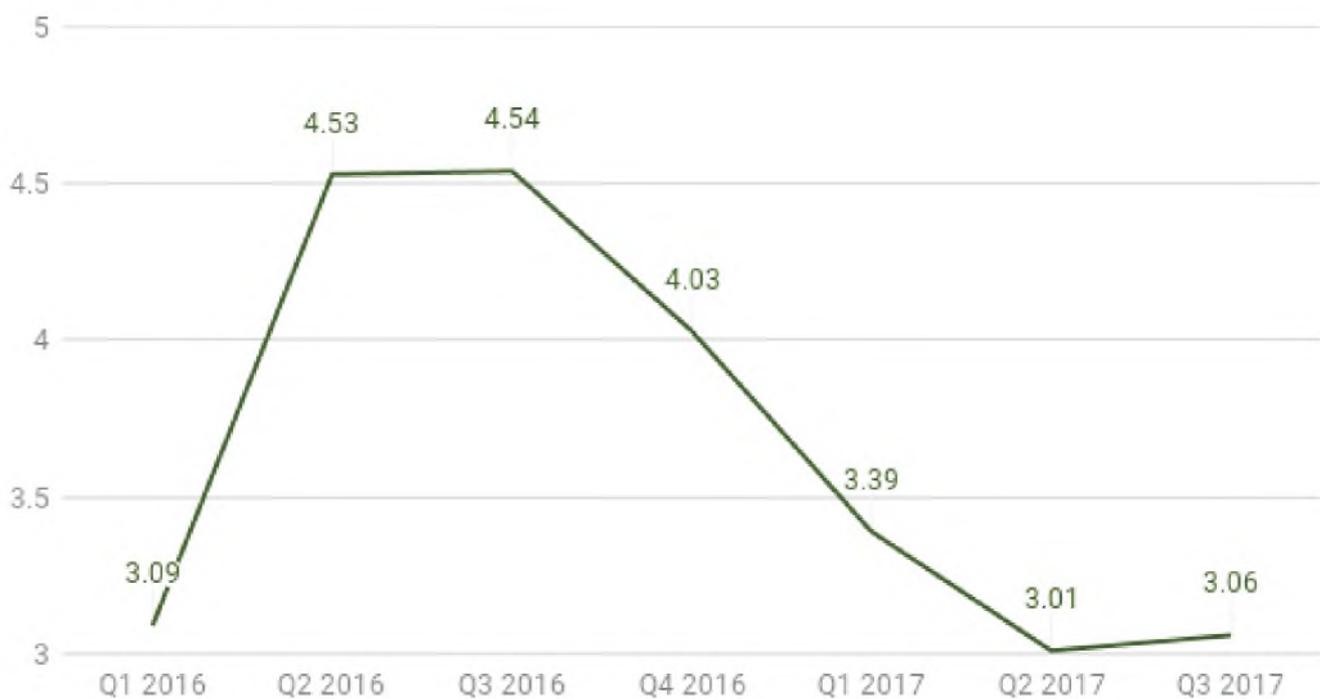


2017 YTD

**3.14**

Agriculture sector grew by 3.06% in Q3 2017 from 3.01% in Q2 2017 and 4.54% in Q3 2016.

### AGRICULTURE



# GDP REPORT Q3 2017

Crop Production: Q1 2016 - Q3 2017

## Crop Production

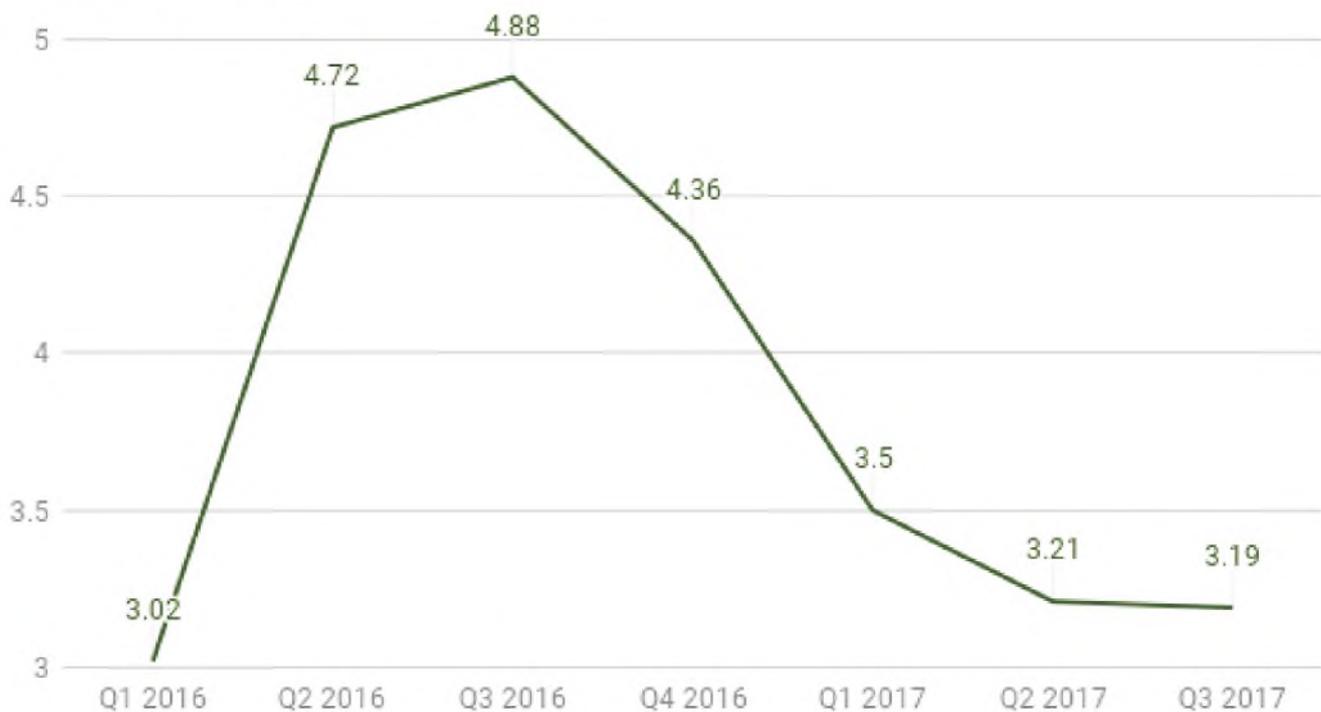


2017 YTD

**3.28**

Crop production under agriculture sector grew by 3.19% in Q3 2017 from 3.21% in Q2 2017 and 4.88% in Q3 2016.

### Crop Production



# GDP REPORT Q3 2017

Livestock: Q1 2016 - Q3 2017

## Livestock



2017 YTD

2.17



Livestock under agriculture sector grew by 2.52% in Q3 2017 from 2.28% in Q2 2017 and 0.76% in Q3 2016.

### Livestock



# GDP REPORT Q3 2017

Forestry: Q1 2016 – Q3 2017

## Forestry



2017 YTD

**3.50**

Forestry under agriculture sector grew by 3.95% in Q3 2017 from 3.89% in Q2 2017 and 2.08% in Q3 2016.

### Forestry



# GDP REPORT Q3 2017

Fishing: Q1 2016 - Q3 2017

## Fishing



2017 YTD

**0.35**

Fishing under agriculture sector contracted by -2.84% in Q3 2017 from -2.72% in Q2 2017 and -0.34% in Q3 2016.

### Fishing



# GDP REPORT Q3 2017

Mining and Quarrying: Q1 2016 - Q3 2017

## Mining and Quarrying sector

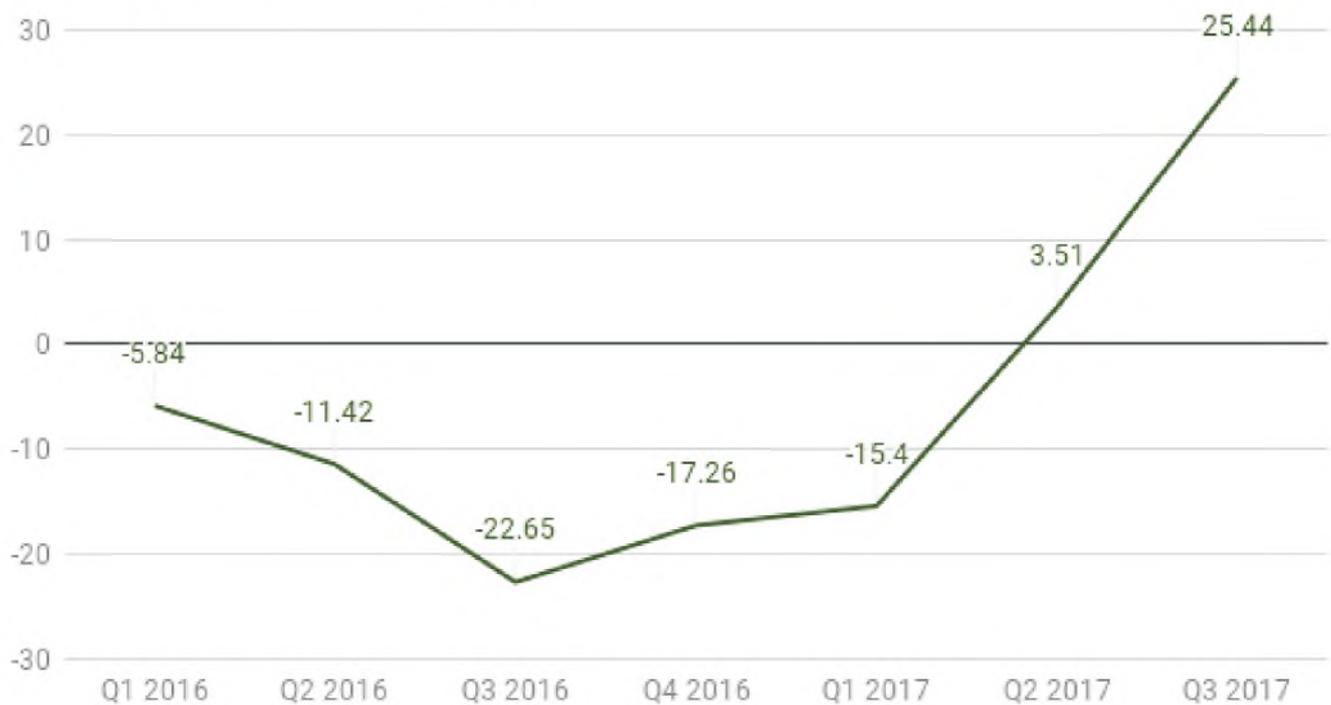


2017 YTD

**3.82**

Mining and Quarrying grew by 25.44% in Q3 2017 from 3.51% in Q2 2017 and -22.65% in Q3 2016.

### MINING AND QUARRYING



# GDP REPORT Q3 2017

Crude Petroleum and Natural Gas: Q1 2016 - Q3 2017

## Crude Petroleum

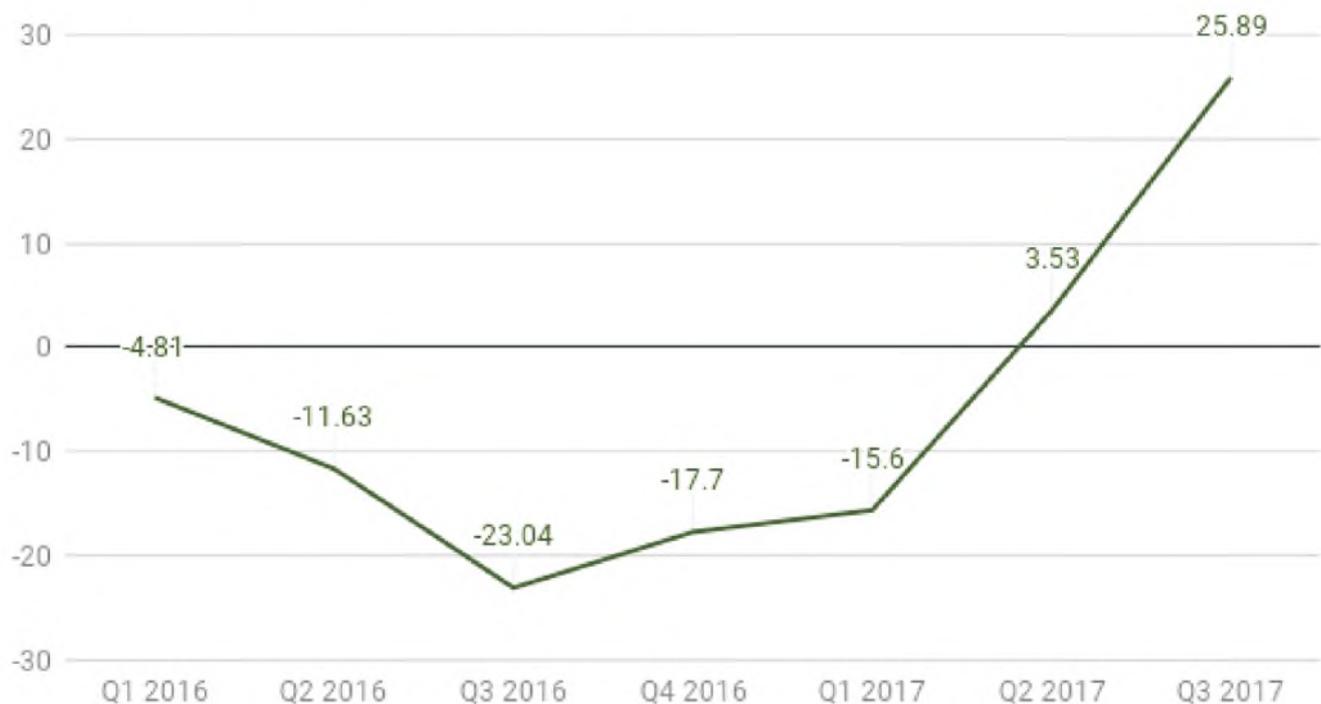


2017 YTD

**3.80**

Crude Petroleum and Natural Gas under Mining And Quarrying sector grew by 25.89% in Q3 2017 from 3.53% in Q2 2017 and -23.04% in Q3 2016.

Crude Petroleum and Natural Gas



# GDP REPORT Q3 2017

## Coal Mining: Q1 2016 - Q3 2017

### Coal Mining

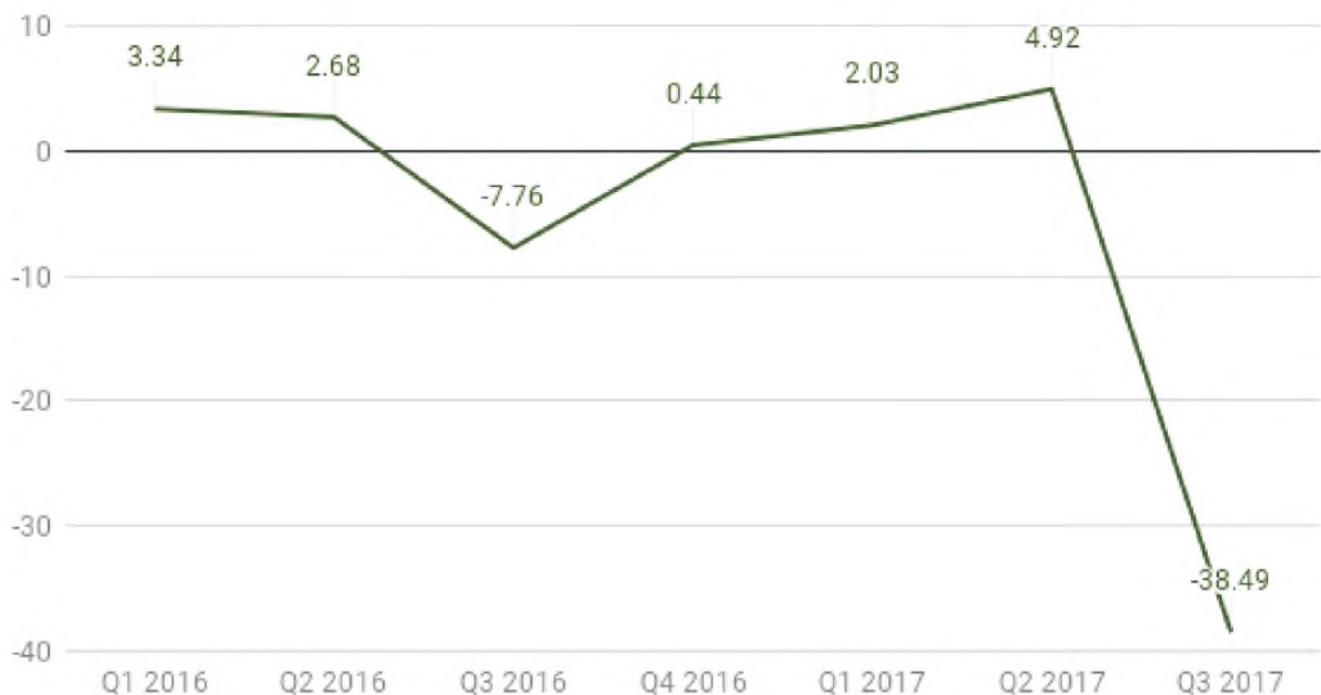


2017 YTD

**-3.02**

Coal Mining under Mining And Quarrying sector contracted by -38.49% in Q3 2017 from 4.92% in Q2 2017 and -7.76% in Q3 2016.

### Coal Mining



# GDP REPORT Q3 2017

Metal Ores: Q1 2016 - Q3 2017

## Metal Ores



2017 YTD

**19.88**

Metal Ores under Mining and Quarrying sector grew by 10.70% in Q3 2017 from -1.09% in Q2 2017 and 6.89% in Q3 2016.

### Metal Ores



# GDP REPORT Q3 2017

## Quarrying and Other Minerals: Q1 2016 - Q3 2017

### Quarrying and Other Minerals

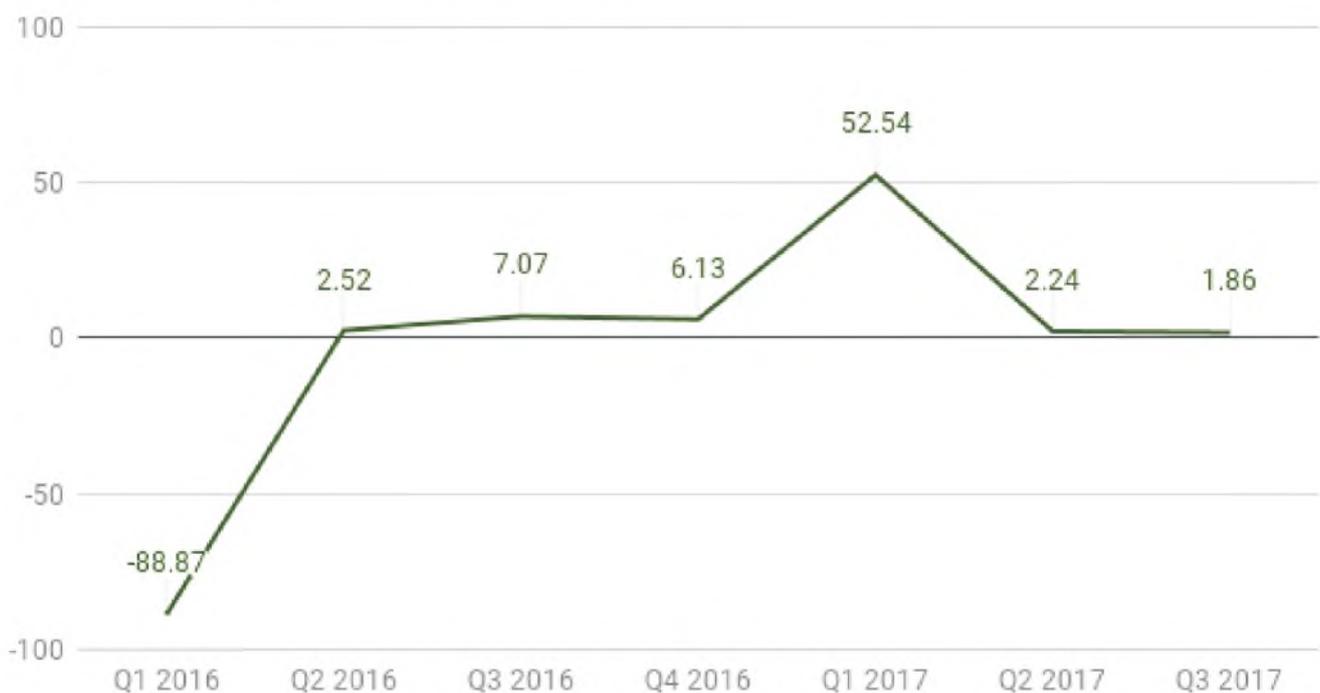


2017 YTD

4.65

Quarrying and Other Minerals under Mining and Quarrying sector grew by 1.86% in Q3 2017 from 2.24% in Q2 2017 and 7.07% in Q3 2016.

### Quarrying and Other Minerals



# GDP REPORT Q3 2017

## Manufacturing Sector: Q1 2016 - Q3 2017

### Manufacturing sector



2017 YTD

**-0.34**

Manufacturing sector contracted by -2.85% in Q3 2017 from 0.64% in Q2 2017 and -4.38% in Q3 2016

### MANUFACTURING



# GDP REPORT Q3 2017

## Oil Refining: Q1 2016 - Q3 2017

### Oil Refining



2017 YTD

**-20.82**

Oil Refining under Manufacturing sector contracted by 45.40% in Q3 2017 from 11.28% in Q2 2017 and -0.86% in Q3 2016.

### Oil Refining



# GDP REPORT Q3 2017

Cement: Q1 2016 - Q3 2017

## Cement

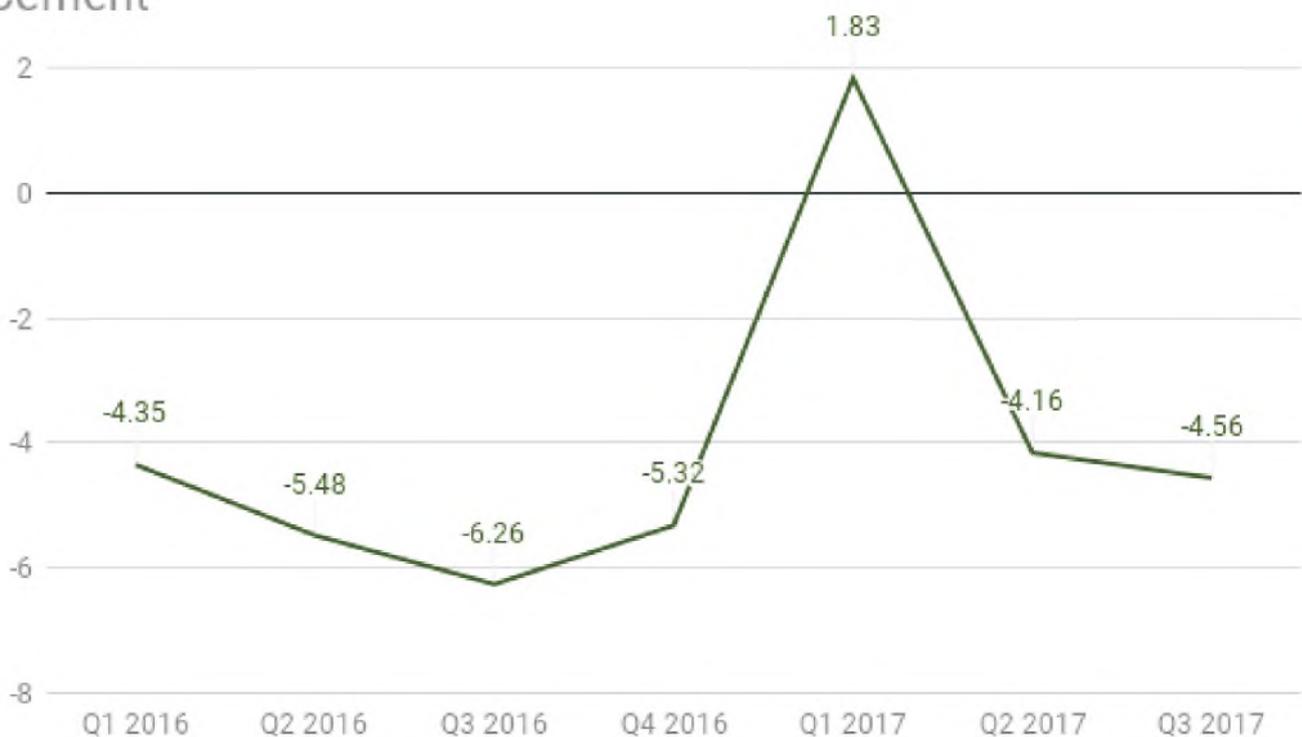


2017 YTD

**-2.30**

Cement under Manufacturing sector contracted by -4.56% in Q3 2017 from -4.16% in Q2 2017 and -6.26% in Q3 2016.

### Cement



# GDP REPORT Q3 2017

Food, Beverage and Tobacco: Q1 2016 – Q3 2017

## Food, Beverage and Tobacco

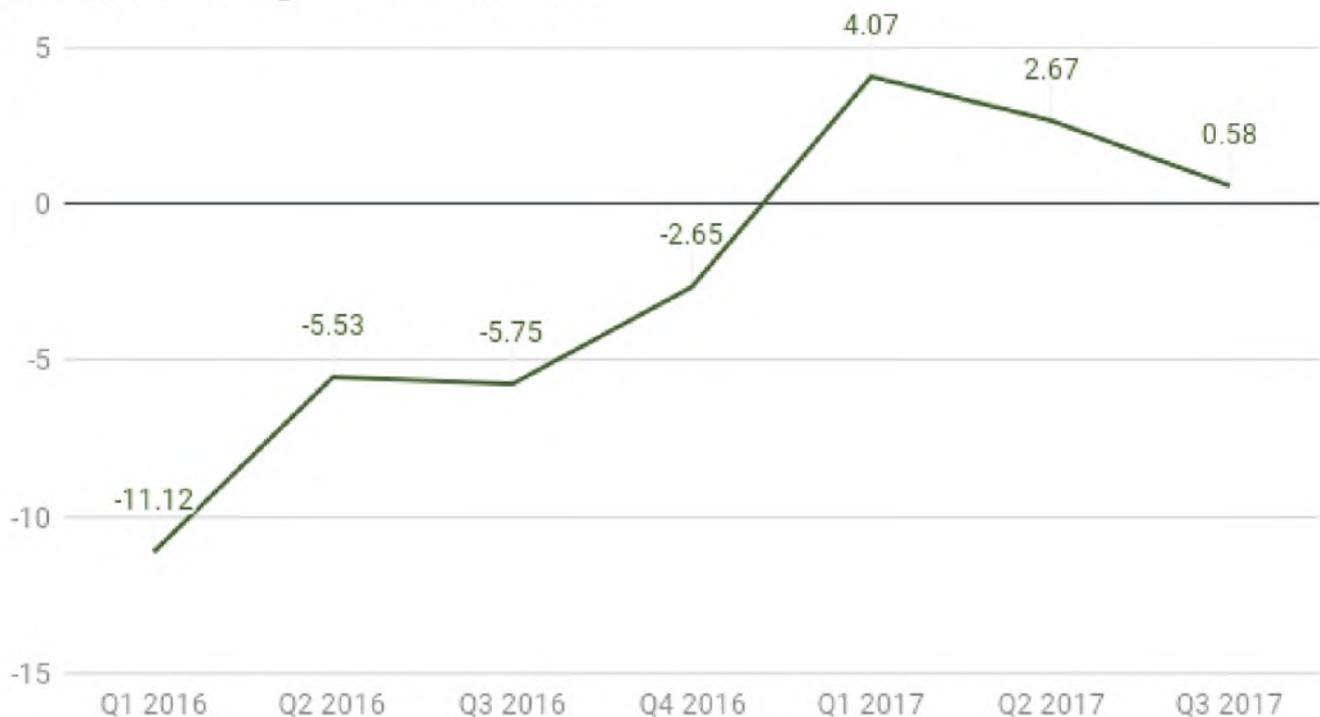


2017 YTD

2.41

Food, Beverage and Tobacco under Manufacturing sector grew by 0.58% in Q3 2017 from 2.67% in Q2 2017 and -5.75% in Q3 2016.

Food, Beverage and Tobacco



# GDP REPORT Q3 2017

Textile, Apparel and Footwear: Q1 2016 - Q3 2017

## Textile, Apparel and Footwear

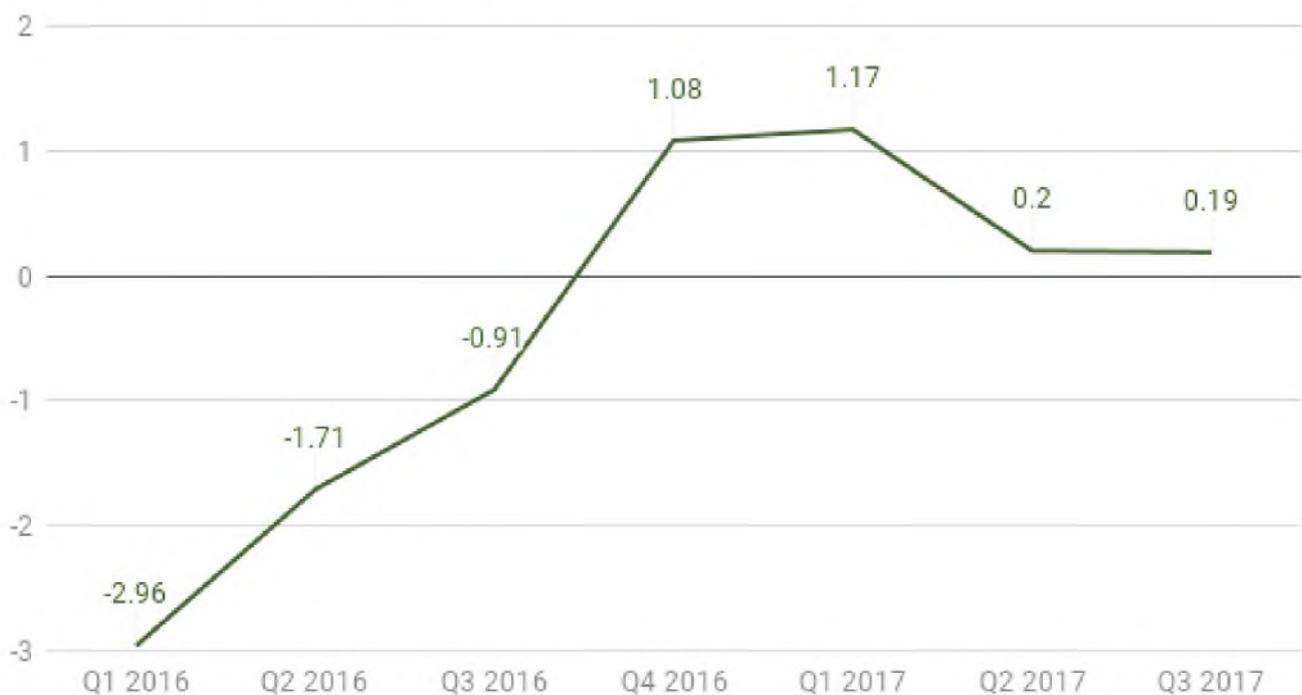


2017 YTD

**0.52**

Textile, Apparel and Footwear under Manufacturing sector grew by 0.19% in Q3 2017 from 0.2% in Q2 2017 and -0.91% in Q3 2016.

Textile, Apparel and Footwear



# GDP REPORT Q3 2017

## Wood and Wood Products: Q1 2016 - Q3 2017

### Wood and Wood Products



2017 YTD

**0.57**

Wood and Wood Products under Manufacturing sector grew by 1.24% in Q3 2017 from -2.09% in Q2 2017 and -6.30% in Q3 2016.

Wood and Wood Products



# GDP REPORT Q3 2017

## Pulp, Paper and Paper Products: Q1 2016 – Q3 2017

### Pulp, Paper and Paper Products



2017 YTD

**-0.81**

Pulp, Paper and Paper Products under Manufacturing sector contracted by -1.76% in Q3 2017 from -1.85% in Q2 2017 and -4.33% in Q3 2016.

Pulp, Paper and Paper Products



# GDP REPORT Q3 2017

Chemical and Pharmaceutical Products: Q1 2016 – Q3 2017

## Chemical and Pharmaceutical Products

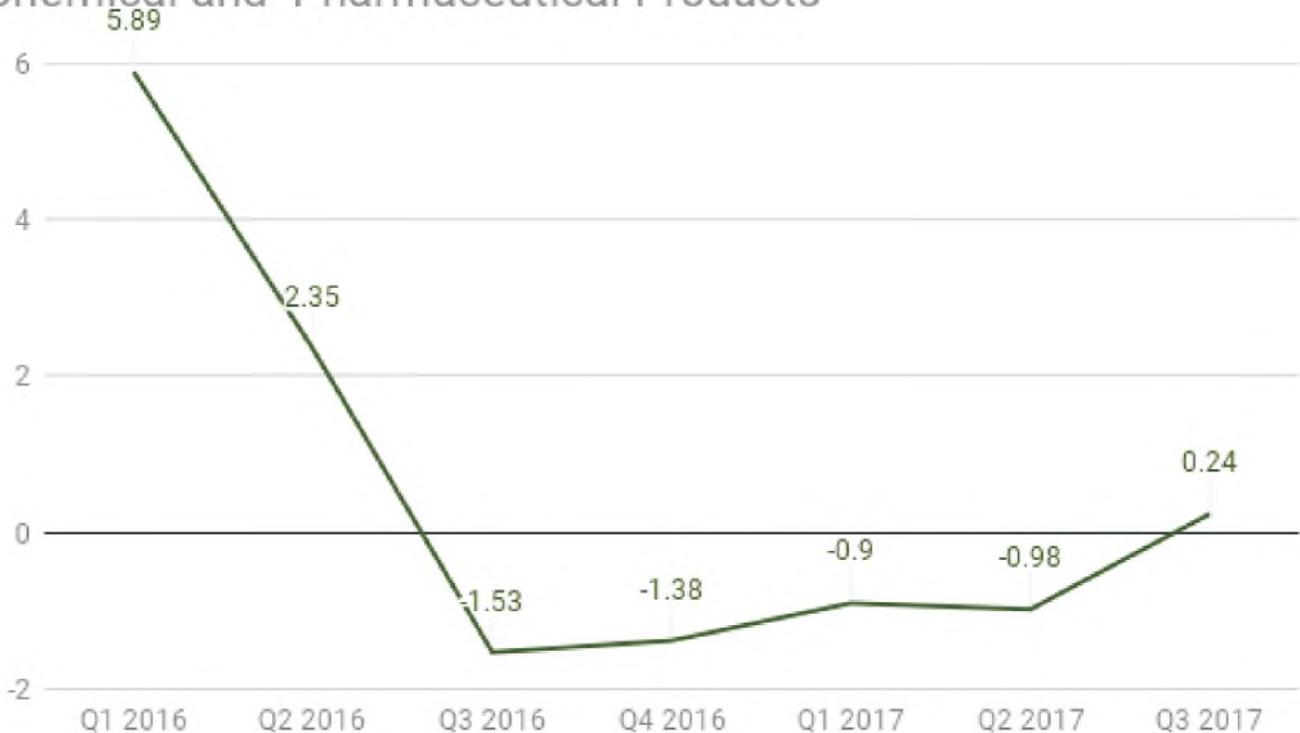


2017 YTD

**-0.54**

Chemical and Pharmaceutical Products under Manufacturing sector grew by 0.24% in Q3 2017 from -0.98% in Q2 2017 and -1.53% in Q3 2016.

Chemical and Pharmaceutical Products



# GDP REPORT Q3 2017

Non-Metallic Products: Q1 2016 – Q3 2017

## Non-Metallic Products

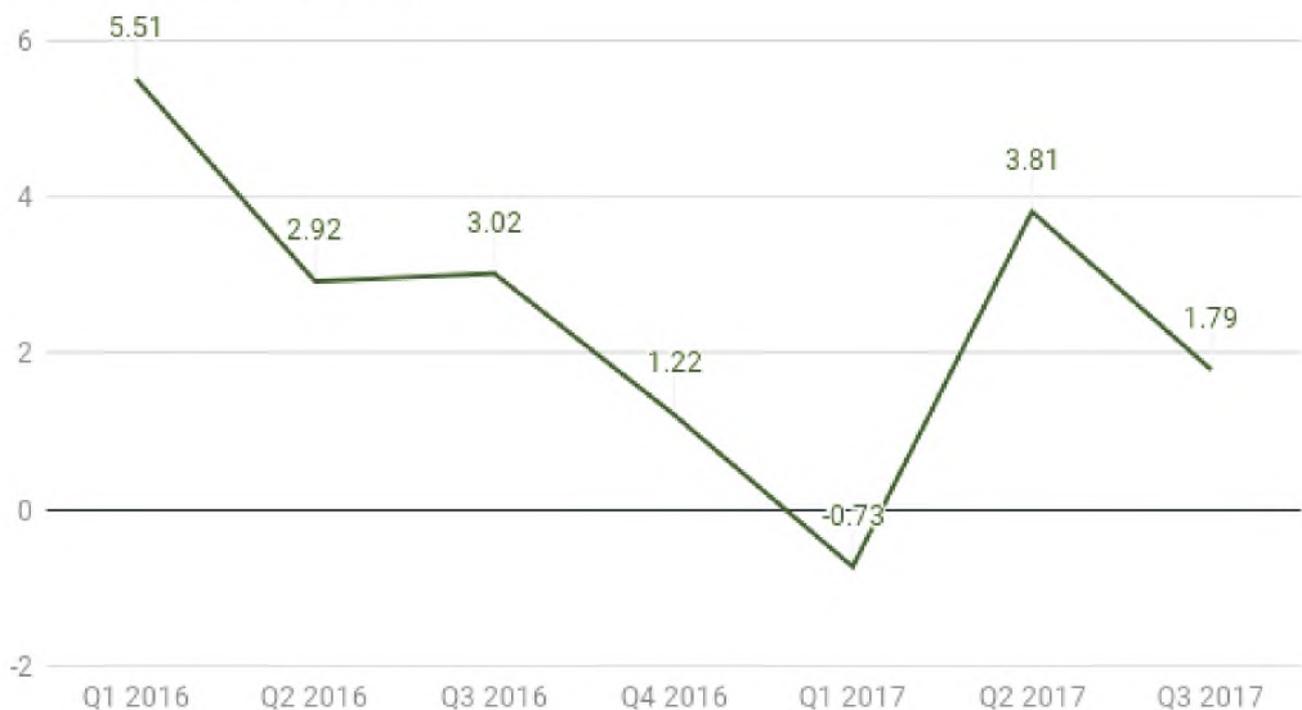


2017 YTD

**1.56**

Non-Metallic Products under Manufacturing sector grew by 1.79% in Q3 2017 from 3.81% in Q2 2017 and 3.02% in Q3 2016.

### Non-Metallic Products



# GDP REPORT Q3 2017

## Plastic and Rubber Products: Q1 2016 - Q3 2017

### Plastic and Rubber Products



2017 YTD

**0.18**

Plastic and Rubber Products under Manufacturing sector grew by 0.67% in Q3 2017 from 1.74% in Q2 2017 and 3.18% in Q3 2016.

Plastic and Rubber products



# GDP REPORT Q3 2017

Electrical and Electronics: Q1 2016 - Q3 2017

## Electrical and Electronics

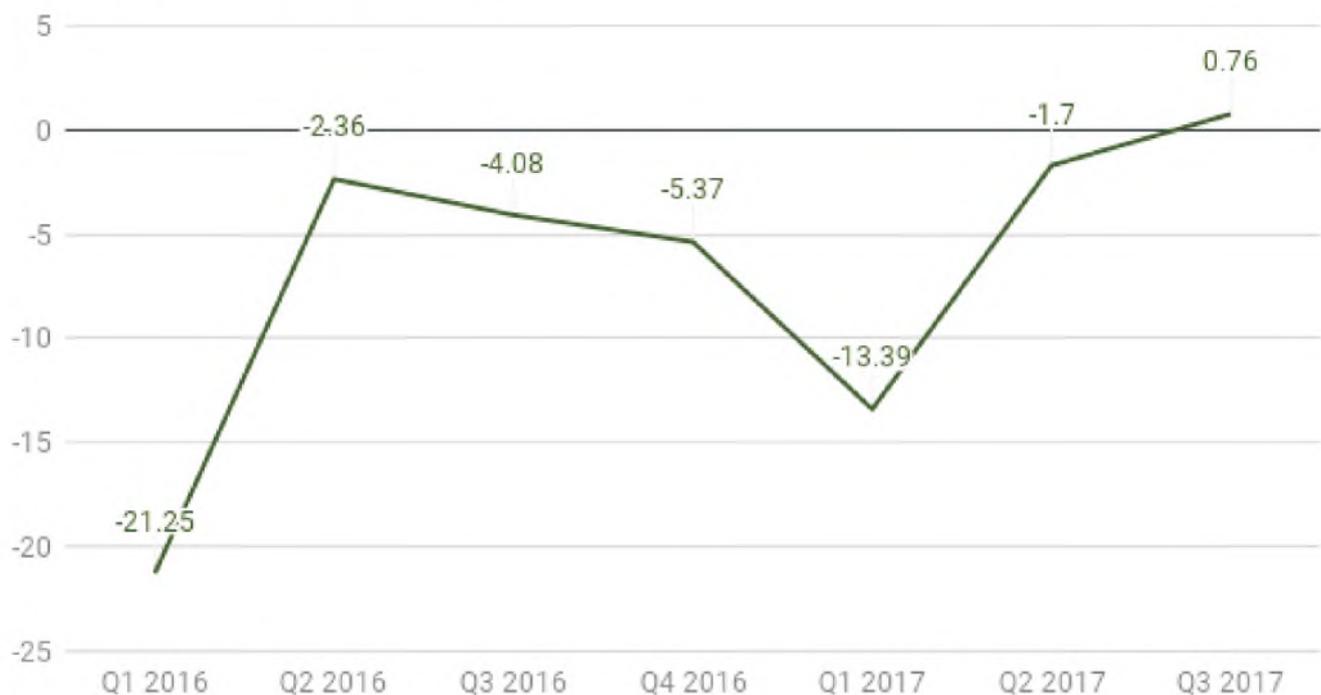


2017 YTD

**-4.09**

Electrical and Electronics under Manufacturing sector grew by 0.76% in Q3 2017 from -1.70% in Q2 2017 and -4.08% in Q3 2016.

### Electrical and Electronics



# GDP REPORT Q3 2017

Basic Metal , Iron and Steel: Q1 2016 - Q3 2017

## Basic metal , Iron and Steel



2017 YTD

**-0.33**

Basic Metal , Iron and Steel under Manufacturing sector contracted by -0.35% in Q3 2017 from 0.14% in Q2 2017 and 0.97% in Q3 2016.

Basic metal , Iron and Steel



# GDP REPORT Q3 2017

## Motor Vehicles & Assembly: Q1 2016 - Q3 2017

### Motor Vehicles & Assembly

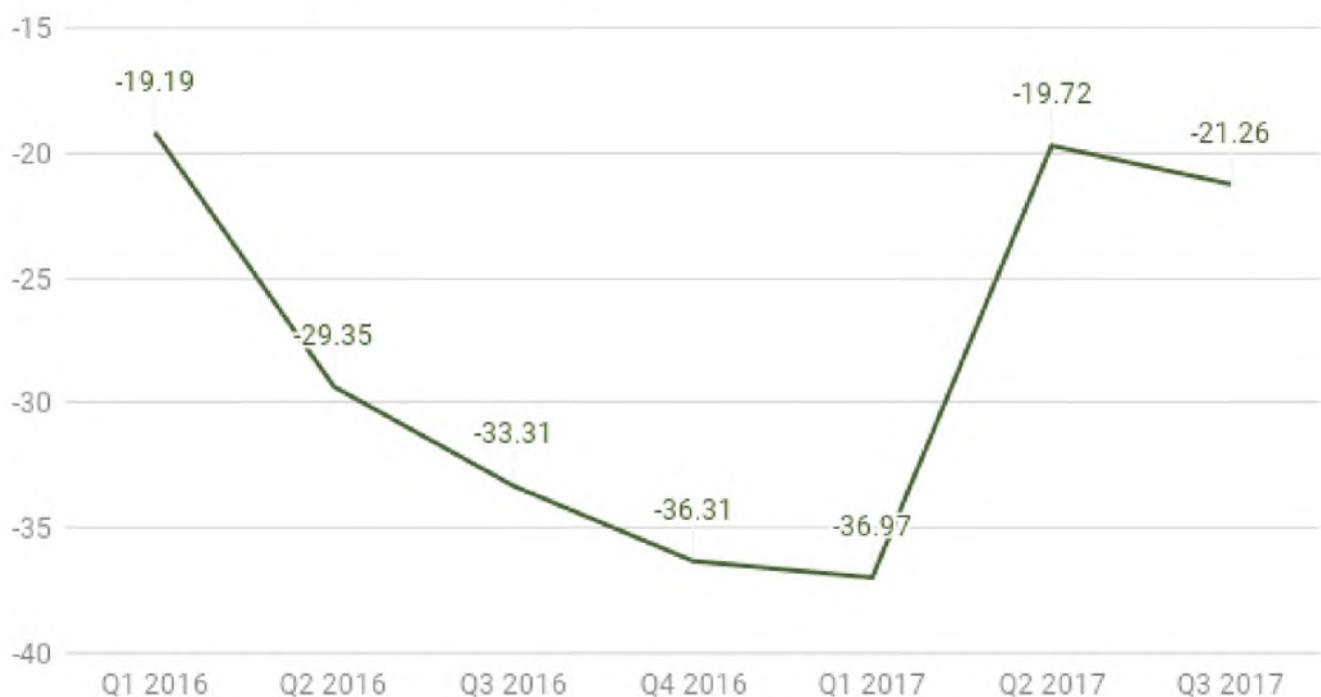


2017 YTD

**-27.03**

Motor Vehicles & Assembly under Manufacturing sector contracted by -21.26% in Q3 2017 from -19.72% in Q2 2017 and -33.31% in Q3 2016.

Motor vehicles & assembly



# GDP REPORT Q3 2017

Other Manufacturing: Q1 2016 - Q3 2017

## Other Manufacturing

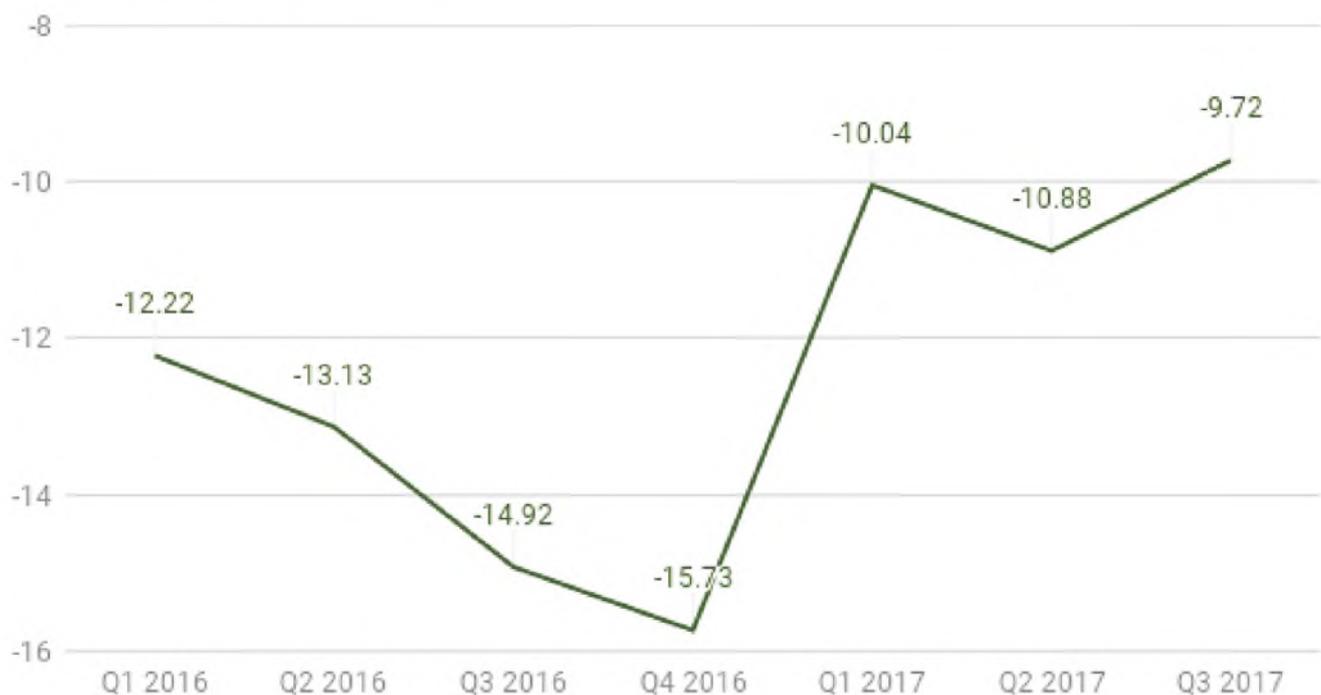


2017 YTD

**-10.19**

Other Manufacturing under Manufacturing sector contracted by -9.72% in Q3 2017 from -10.88% in Q2 2017 and -14.92% in Q3 2016.

### Other Manufacturing



# GDP REPORT Q3 2017

Electricity, Gas ,Steam and Air Conditioning Supply: Q1 2016 – Q3 2017

## Electricity, Gas ,Steam And Air Conditioning Supply

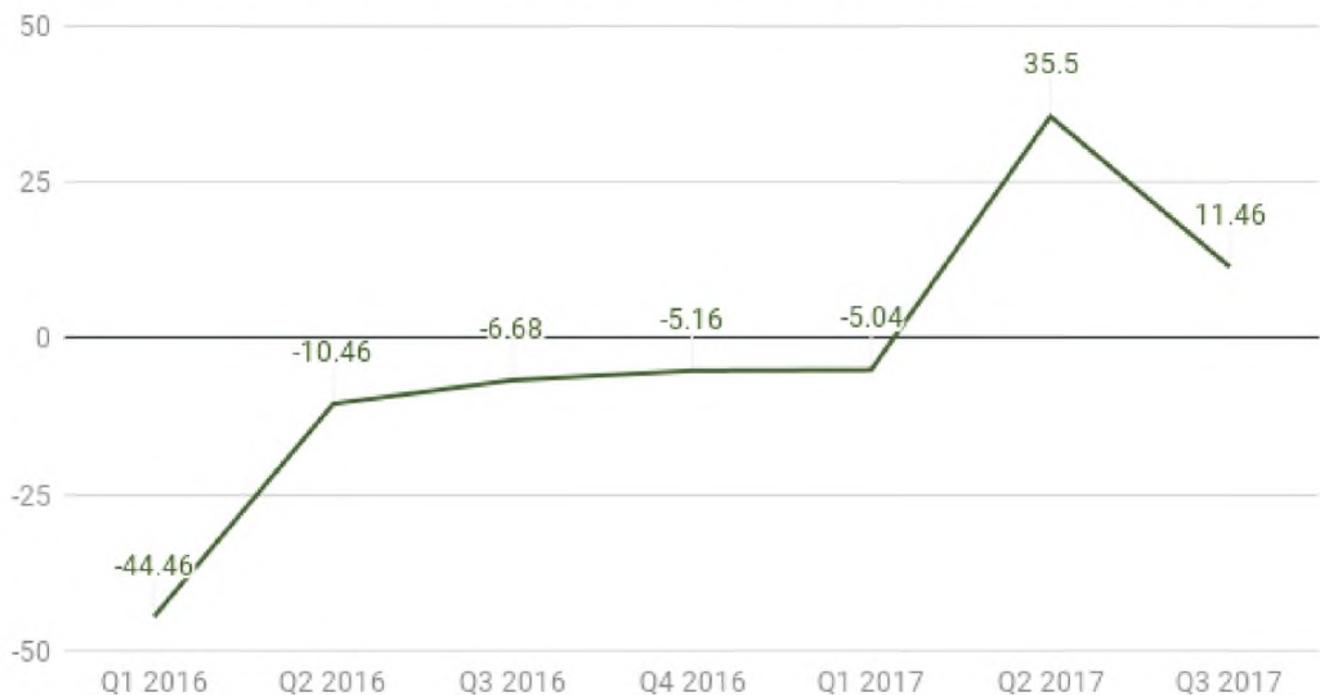


2017 YTD

**16.68**

Electricity, Gas ,Steam and Air Conditioning Supply sector grew by 11.46% in Q3 2017 from 35.5% in Q2 2017 and -6.68% in Q3 2016.

### ELECTRICITY, GAS ,STEAM AND AIR CONDITIONING SUPPLY



# GDP REPORT Q3 2017

Water Supply, Sewerage, Waste Management and Remediation: Q1 2016 – Q3 2017

## Water Supply, Sewerage, Waste Management And Remediation

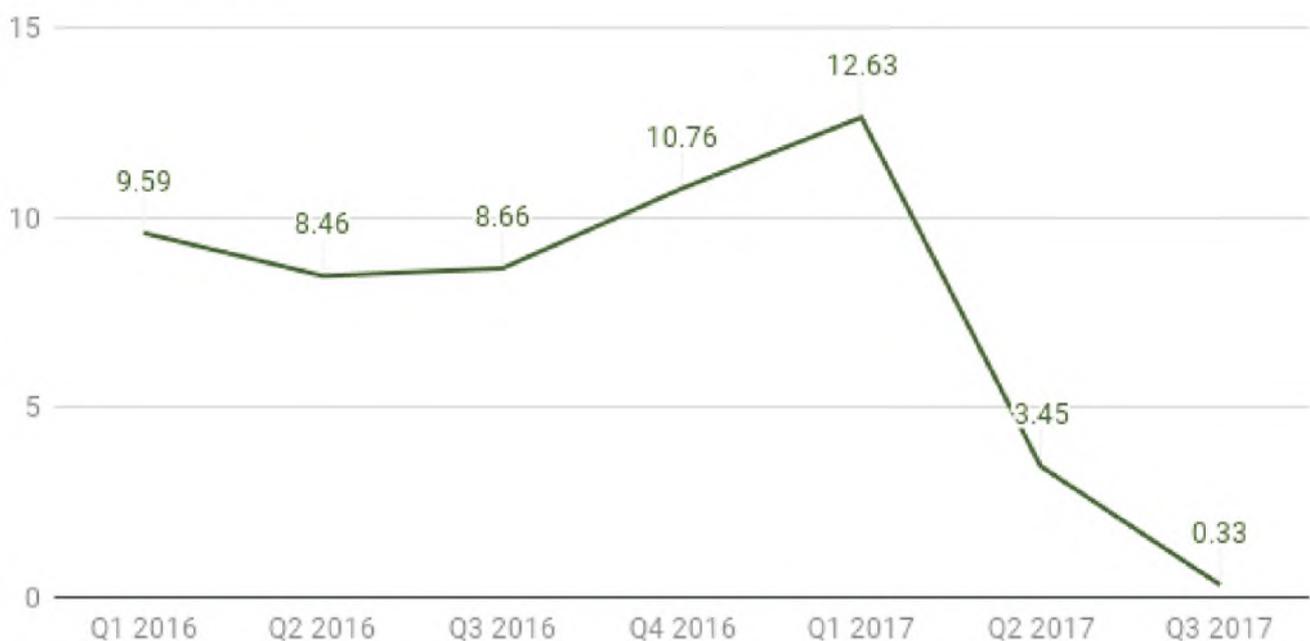


2017 YTD

5.00

Water Supply, Sewerage, Waste Management and Remediation sector grew by 0.33% in Q3 2017 from 3.45% in Q2 2017 and 8.66% in Q3 2016.

### WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION



# GDP REPORT Q3 2017

Construction: Q1 2016 - Q3 2017

## Construction

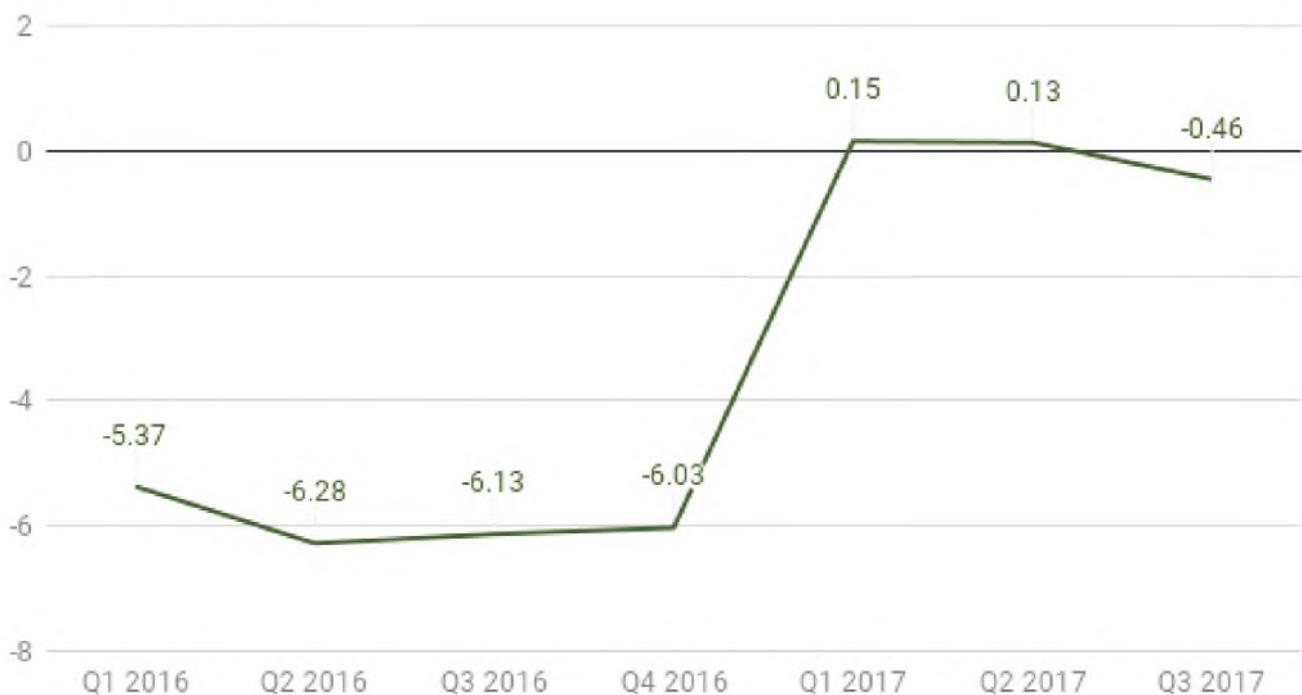


2017 YTD

**-0.03**

Construction sector contracted by -0.46% in Q3 2017 from 0.13% in Q2 2017 and -6.13% in Q3 2016.

### CONSTRUCTION



# GDP REPORT Q3 2017

Trade: Q1 2016 - Q3 2017

## Wholesale and Retail Trade

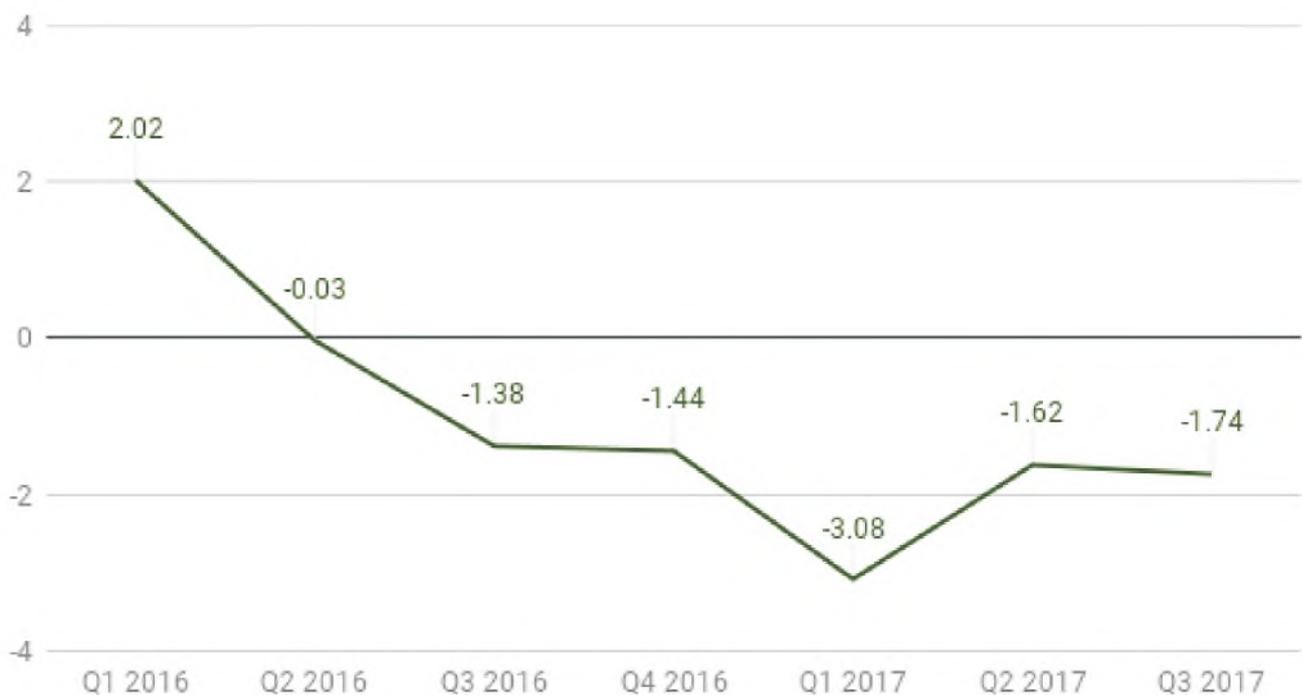


2017 YTD

**-2.15**

Trade sector contracted by -1.74% in Q3 2017 from -1.62% in Q2 2017 and -1.38% in Q3 2016.

### TRADE



# GDP REPORT Q3 2017

Accommodation and Food Services: Q1 2016 - Q3 2017

## Accommodation and Food Services



2017 YTD

**-2.55**

Accommodation and Food Services sector grew by 0.18% in Q3 2017 from -4.05% in Q2 2017 and -4.88% in Q3 2016.

### ACCOMMODATION AND FOOD SERVICES



# GDP REPORT Q3 2017

## Transportation and Storage: Q1 2016 - Q3 2017

### Transportation and Storage sector

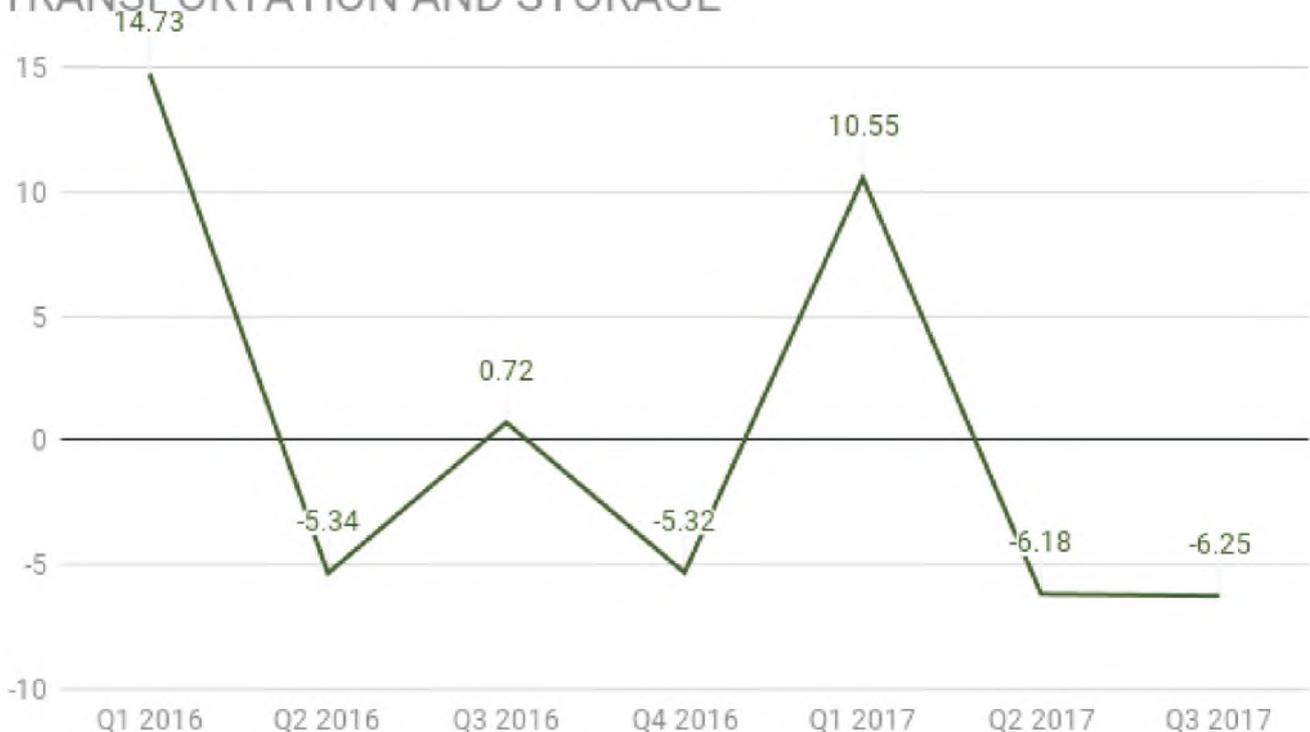


2017 YTD

**-0.81**

Transportation and Storage sector contracted by -6.25% in Q3 2017 from -6.18% in Q2 2017 and 0.72% in Q3 2016.

### TRANSPORTATION AND STORAGE



# GDP REPORT Q3 2017

## Road Transport: Q1 2016 - Q3 2017

### Road Transport

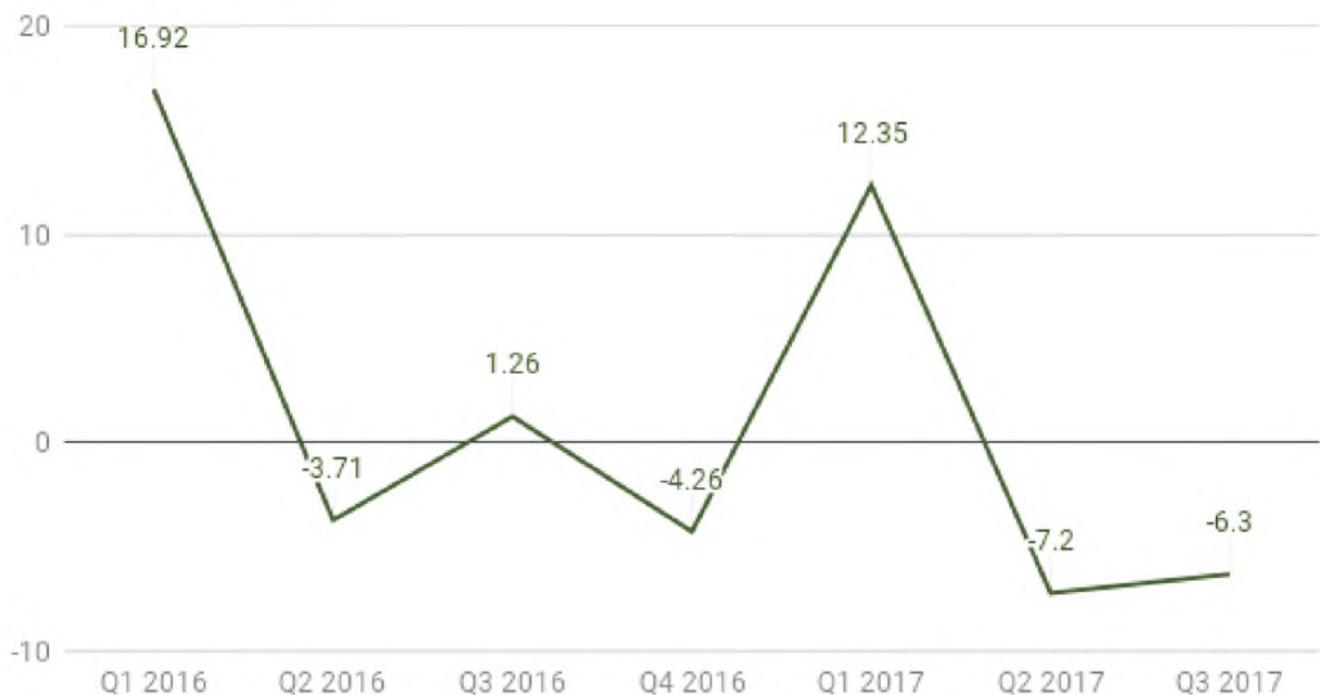


2017 YTD

**-0.51**

Road Transport under Transportation and Storage sector contracted by -6.30% in Q3 2017 from -7.20% in Q2 2017 and 1.26% in Q3 2016.

### Road Transport



# GDP REPORT Q3 2017

## Rail Transport and Pipelines: Q1 2016 – Q3 2017

### Rail Transport & Pipelines



2017 YTD

**0.67**

Rail Transport and Pipelines under Transportation and Storage sector grew by 0.45% in Q3 2017 from 0.18% in Q2 2017 and 0.15% in Q3 2016.

Rail Transport & Pipelines



# GDP REPORT Q3 2017

## Water Transport: Q1 2016 - Q3 2017

### Water Transport



2017 YTD

**0.61**

Water Transport under Transportation and Storage sector grew by 0.35% in Q3 2017 from 0.24% in Q2 2017 and 1.02% in Q3 2016.

Water Transport



# GDP REPORT Q3 2017

## Air Transport: Q1 2016 - Q3 2017

### Air Transport

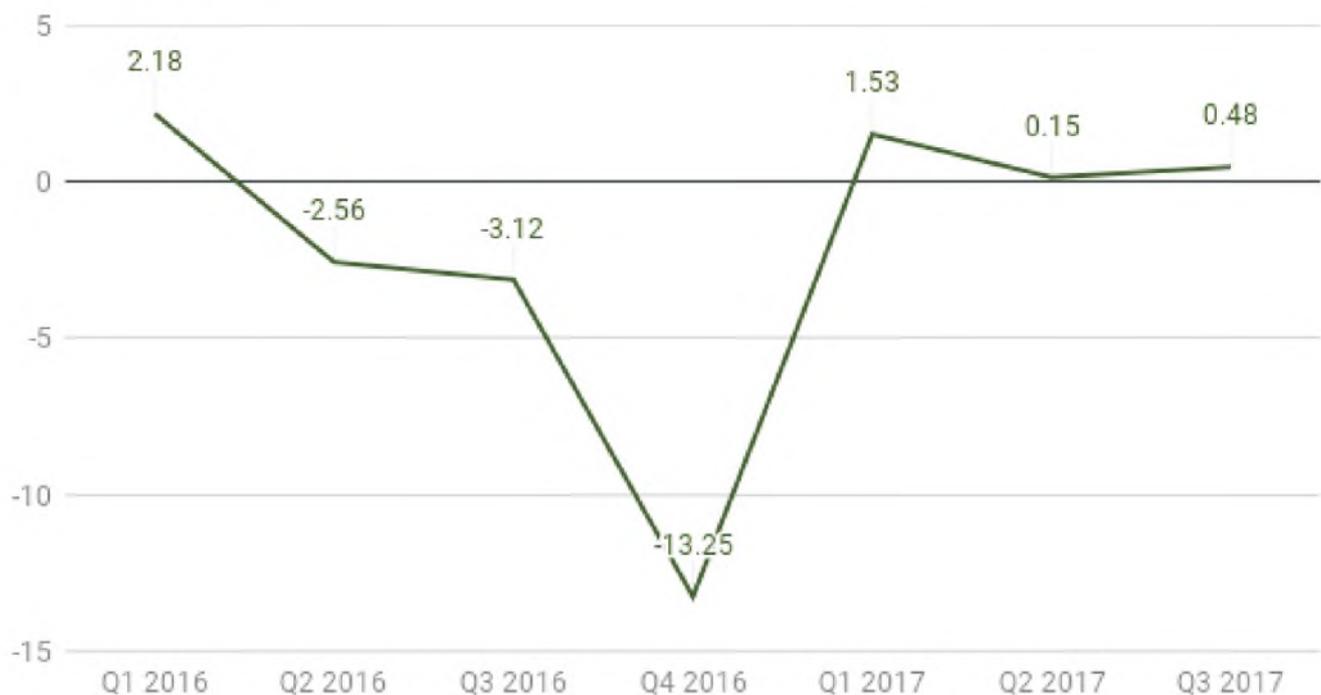


2017 YTD

0.74

Air Transport under Transportation and Storage sector grew by 0.48% in Q3 2017 from 0.15% in Q2 2017 and -3.12% in Q3 2016.

Air Transport



# GDP REPORT Q3 2017

Transport Services: Q1 2016 - Q3 2017

## Transport Services

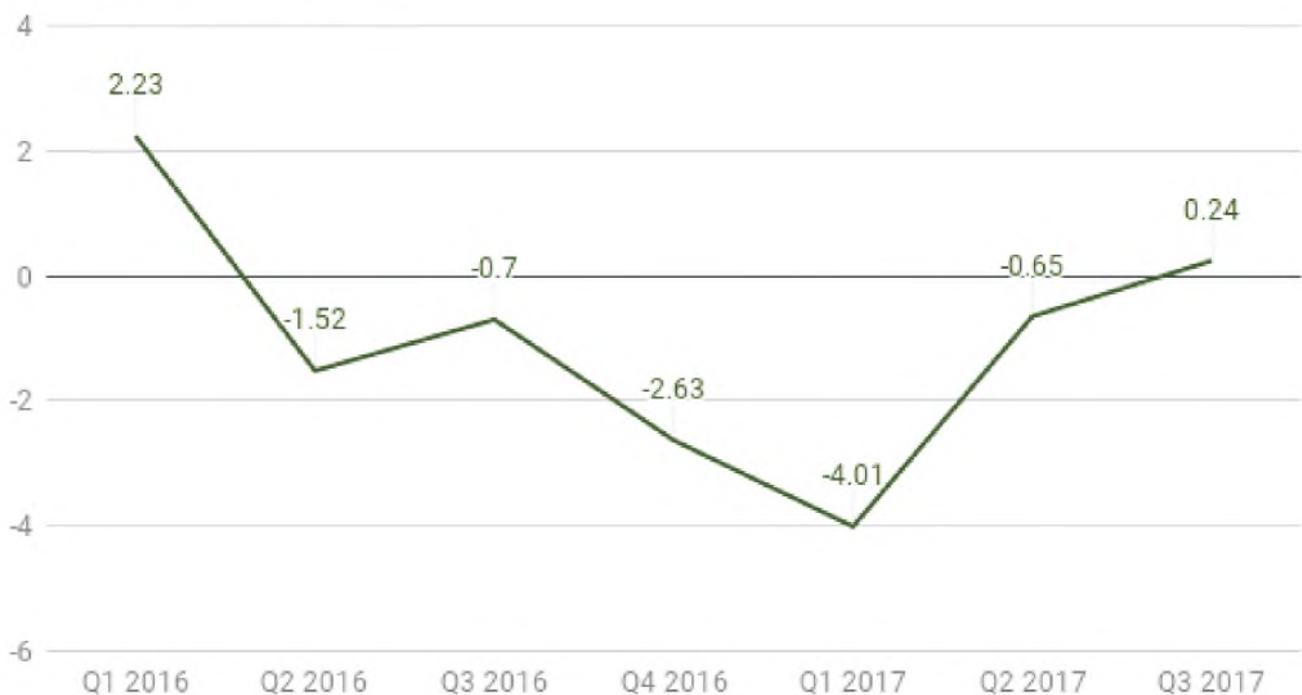


2017 YTD

**-0.97**

Transport Services under Transportation and Storage sector grew by 0.24% in Q3 2017 from -0.65% in Q2 2017 and -0.70% in Q3 2016.

Transport Services



# GDP REPORT Q3 2017

Information and Communication: Q1 2016 – Q3 2017

## Information and Communication sector

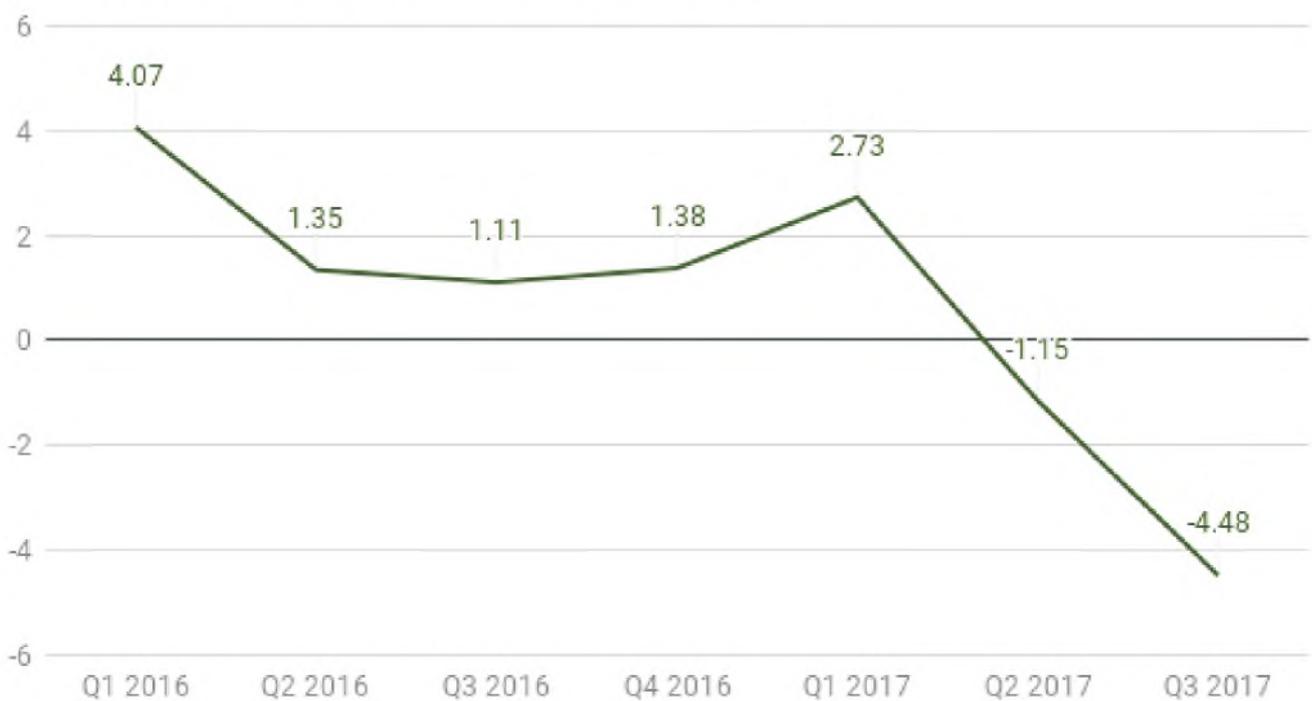


2017 YTD

**-0.89**

Information and Communication sector contracted by -4.48% in Q3 2017 from -1.15% in Q2 2017 and 1.11% in Q3 2016.

### INFORMATION AND COMMUNICATION



# GDP REPORT Q3 2017

## Post and Courier Services: Q1 2016 - Q3 2017

### Post and Courier Services

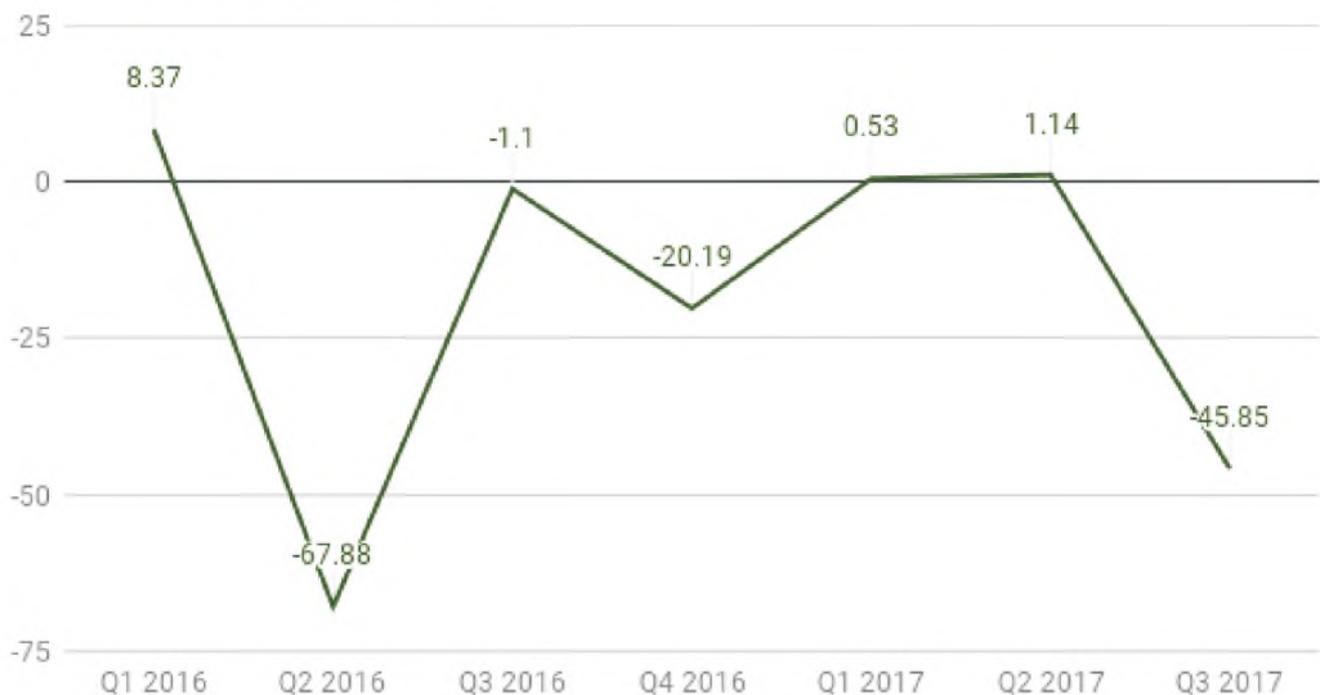


2017 YTD

**-17.86**

Post and Courier Services under Transportation and Storage sector contracted by -45.85% in Q3 2017 from 1.14% in Q2 2017 and -1.10% in Q3 2016.

Post and Courier Services



# GDP REPORT Q3 2017

## Telecommunications & Information Services: Q1 2016 - Q3 2017

### Telecommunications



2017 YTD

**-1.57**

Telecommunications & Information Services under Information and Communication sector contracted by -5.68% in Q3 2017 from -1.92% in Q2 2017 and 0.95% in Q3 2016.

Telecommunications & Information Services



# GDP REPORT Q3 2017

Publishing: Q1 2016 - Q3 2017

## Publishing



2017 YTD

2.00

Publishing under Information and Communication sector grew by 2.12% in Q3 2017 from 2.83% in Q2 2017 and 2.42% in Q3 2016.

Publishing,



# GDP REPORT Q3 2017

Motion Pictures, Sound recording and Music production : Q1 2016 – Q3 2017

## Motion Pictures, Sound recording and Music production



2017 YTD

**-1.08**

Motion Pictures, Sound recording and Music production under Information and Communication sector contracted by -2.33% in Q3 2017 from -4.53% in Q2 2017 and -3.69% in Q3 2016.

Motion Pictures, Sound recording and Music production



# GDP REPORT Q3 2017

Broadcasting: Q1 2016 - Q3 2017

## Broadcasting

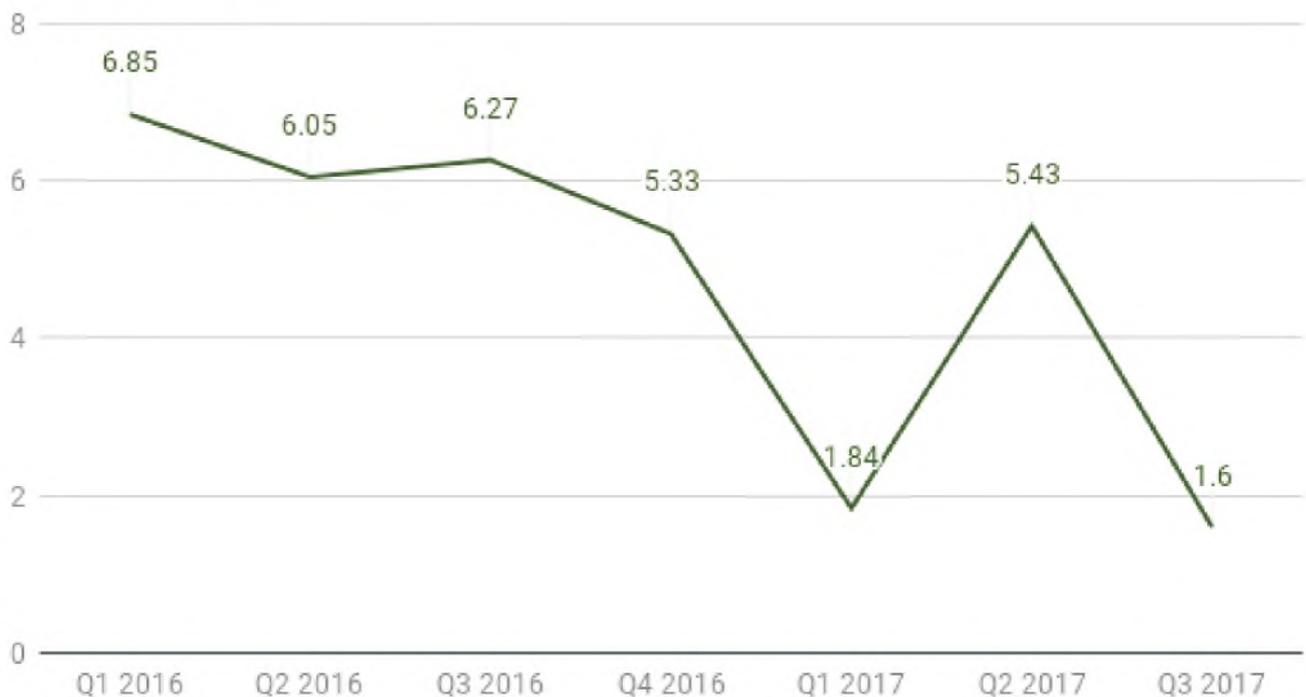


2017 YTD

**3.04**

Broadcasting under Information and Communication sector grew by 1.60% in Q3 2017 from 5.43% in Q2 2017 and 6.27% in Q3 2016.

### Broadcasting



# GDP REPORT Q3 2017

Arts, Entertainment and Recreation: Q1 2016 – Q3 2017

## Arts, Entertainment and Recreation



2017 YTD

**4.31**

Arts, Entertainment and Recreation sector grew by 0.44% in Q3 2017 from -0.62% in Q2 2017 and 1.99% in Q3 2016.

### ARTS, ENTERTAINMENT AND RECREATION



# GDP REPORT Q3 2017

Financial and Insurance: Q1 2016 - Q3 2017

## Financial and Insurance Sector

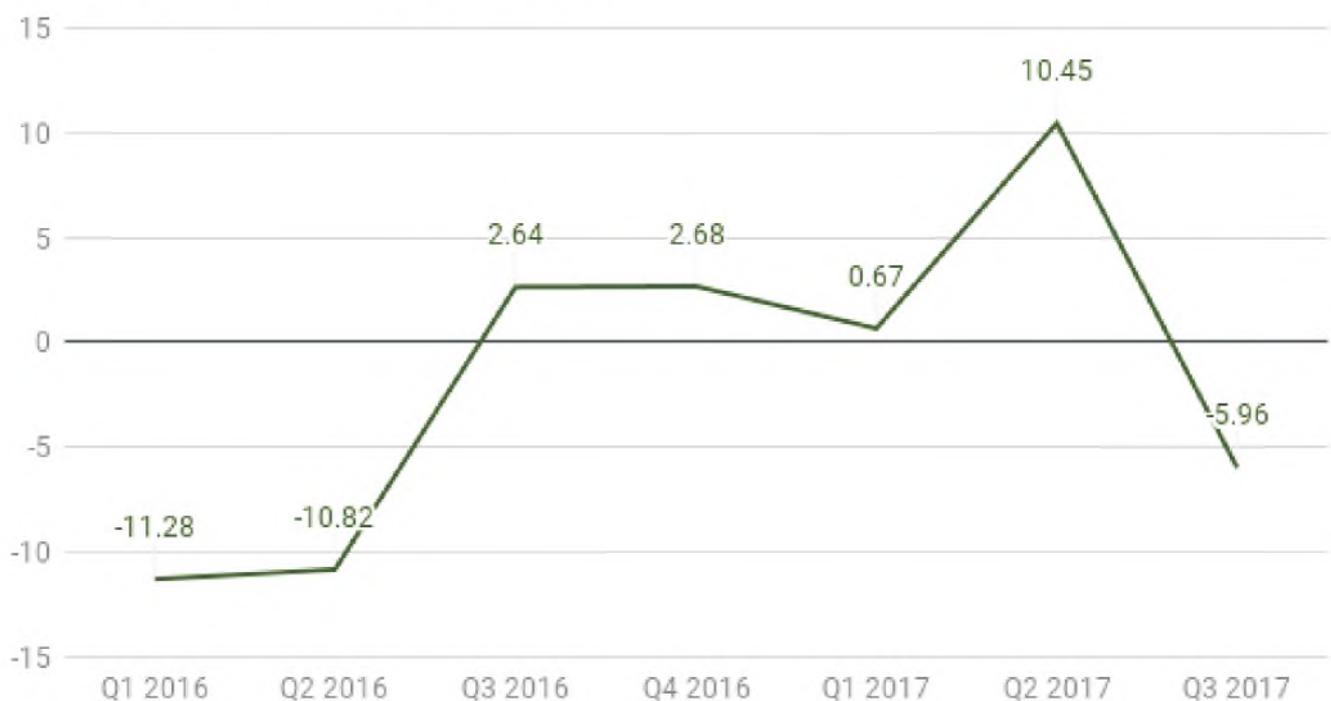


2017 YTD

**1.62**

Financial and Insurance sector contracted by -5.96% in Q3 2017 from 10.45% in Q2 2017 and 2.64% in Q3 2016.

### FINANCIAL AND INSURANCE



# GDP REPORT Q3 2017

Financial Institutions: Q1 2016 – Q3 2017

## Financial Institutions



2017 YTD

1.68

Financial Institutions under Finance and Insurance sector contracted by -6.54% in Q3 2017 from 11.78% in Q2 2017 and 2.85% in Q3 2016.

### Financial Institutions



# GDP REPORT Q3 2017

Insurance: Q1 2016 – Q3 2017

## Insurance



2017 YTD

1.26

Insurance under Finance and Insurance sector contracted by -1.86% in Q3 2017 from 3.79% in Q2 2017 and 1.22% in Q3 2016.

### Insurance



# GDP REPORT Q3 2017

Real Estate: Q1 2016 - Q3 2017

## Real Estate

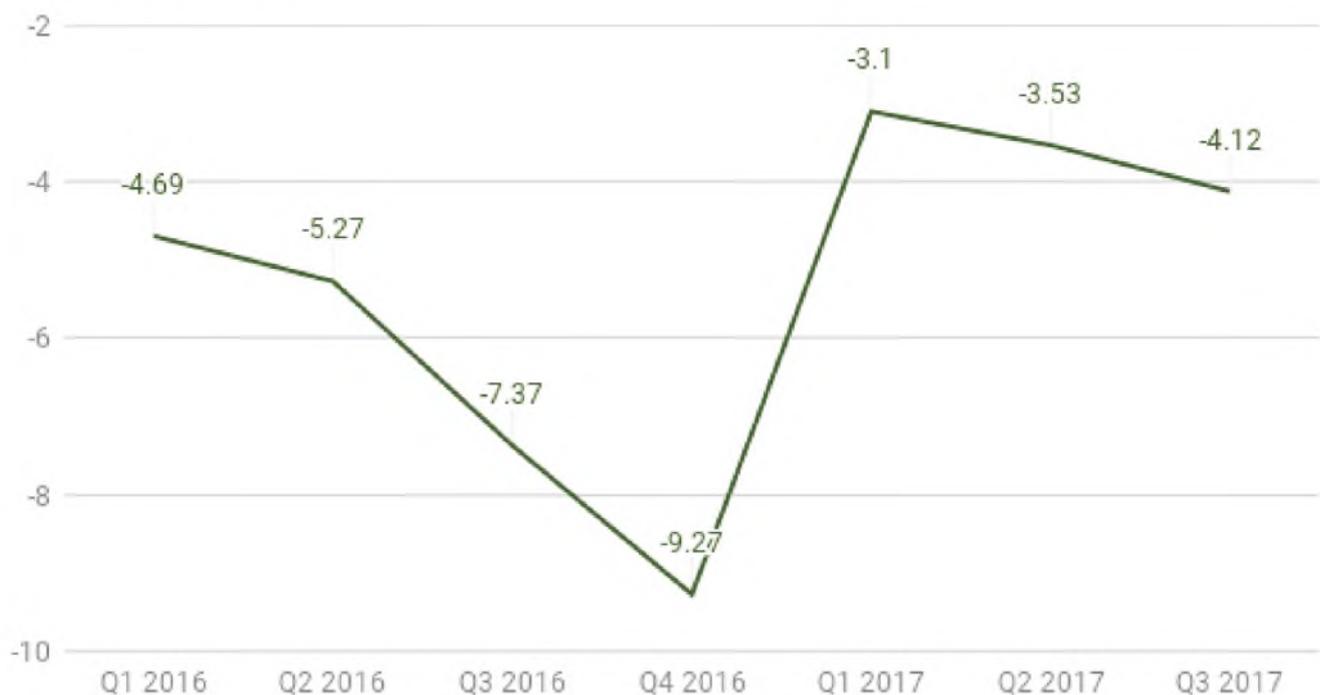


2017 YTD

**-3.61**

Real Estate sector contracted by -4.12% in Q3 2017 from -3.53% in Q2 2017 and -7.37% in Q3 2016.

### REAL ESTATE



# GDP REPORT Q3 2017

Professional, Scientific and Technical Services: Q1 2016 – Q3 2017

## Professional, Scientific and Technical Services

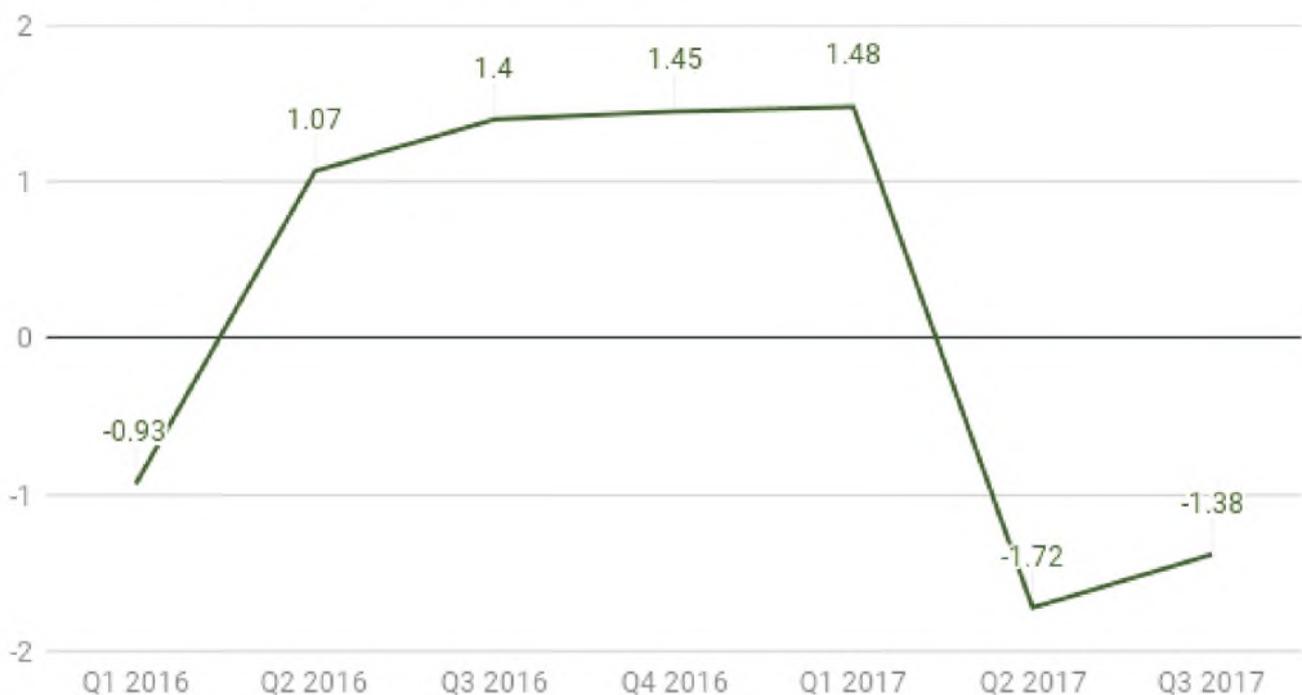


2017 YTD

**-0.60**

Professional, Scientific and Technical Services sector contracted by -1.38% in Q3 2017 from -1.72% in Q2 2017 and 1.40% in Q3 2016.

### PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES



# GDP REPORT Q3 2017

Administrative & Support Services: Q1 2016 – Q3 2017

## Administrative & Support Services

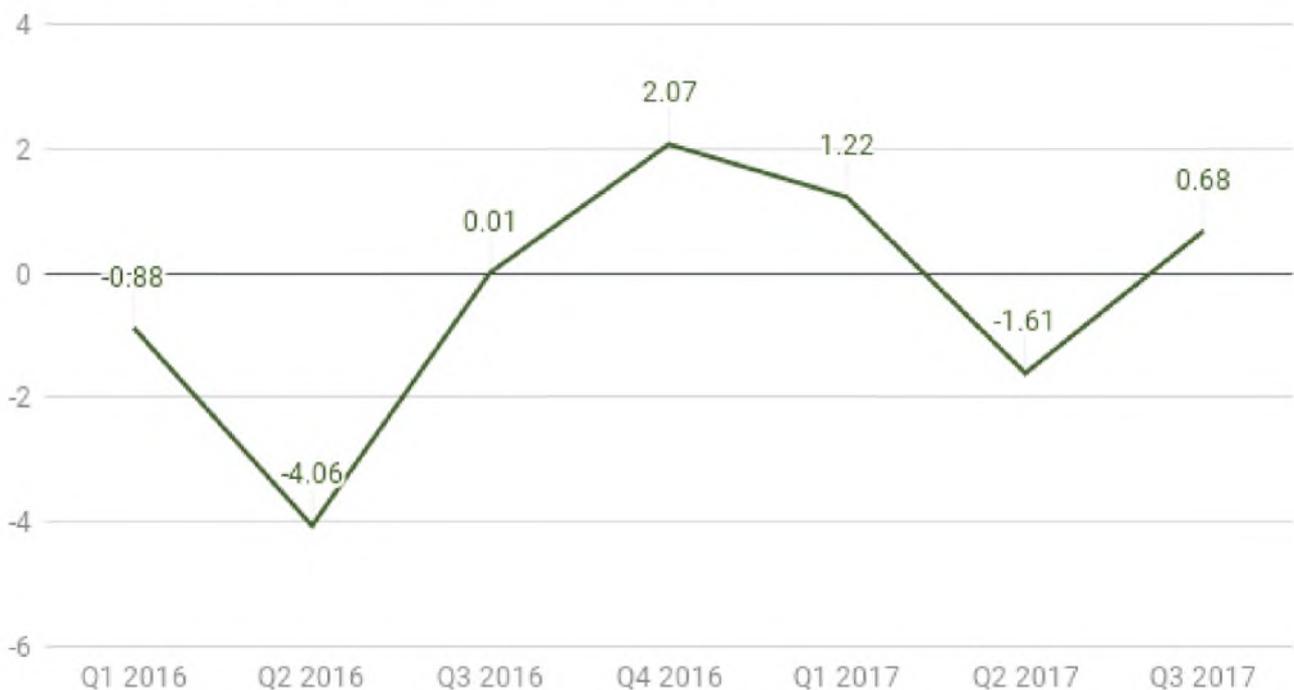


2017 YTD

**0.09**

Administrative & Support Services sector grew by 0.68% in Q3 2017 from -1.61% in Q2 2017 and 0.01% in Q3 2016.

### ADMINISTRATIVE & SUPPORT SERVICES



# GDP REPORT Q3 2017

Public Administration: Q1 2016 - Q3 2017

## Public Administration



2017 YTD

**-0.35**

Public Administration sector contracted by -0.72% in Q3 2017 from 1.63% in Q2 2017 and -3.57% in Q3 2016.

### PUBLIC ADMINISTRATION



# GDP REPORT Q3 2017

Education: Q1 2016 - Q3 2017

## Education



2017 YTD

**-0.57**

Education sector contracted by -1.22% in Q3 2017 from -1.34% in Q2 2017 and -0.11% in Q3 2016.

### EDUCATION



# GDP REPORT Q3 2017

## Human Health and Social Services: Q1 2016 - Q3 2017

### Human Health and Social Services



2017 YTD

**-0.28**

Human Health and Social Services sector contracted by **-0.85%** in Q3 2017 from **-0.96%** in Q2 2017 and **-2.31%** in Q3 2016.

#### HUMAN HEALTH AND SOCIAL SERVICES



# GDP REPORT Q3 2017

Other Services: Q1 2016 - Q3 2017

## Other Services

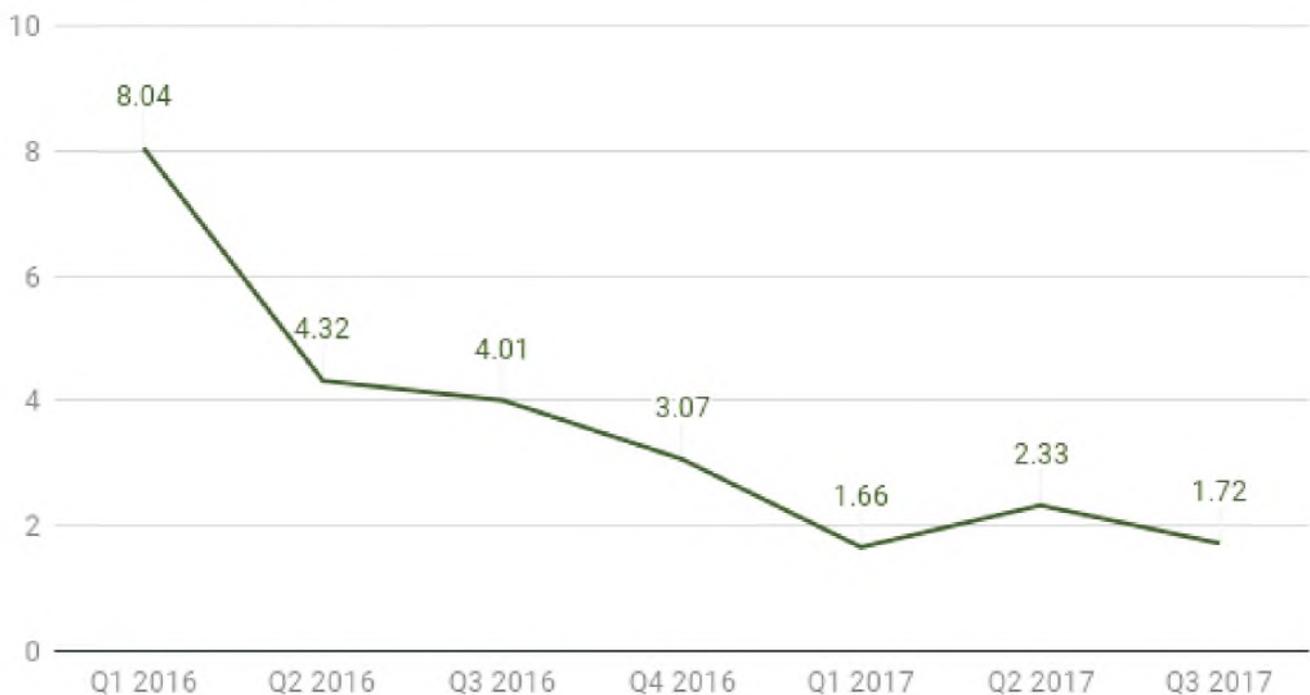


2017 YTD

**1.89**

Other Services sector grew by 1.72% in Q3 2017 from 2.33% in Q2 2017 and 4.01% in Q3 2016.

### OTHER SERVICES



# Methodological Notes

Quarterly National Accounts (QNA) are an integrated system of macroeconomic accounts designed to describe the entire system of production in a nation on a quarterly basis. They provide a picture of the current economic status of an economy on a more frequent basis than Annual National Accounts (ANA). In providing a reasonable level of detailed information of the economy, QNA allows the government to regularly assess, analyse and monitor economic developments.

In line with international standards outlined under the United Nations Statistics Division (UNSTATS), four major methodological pillars underpin GDP compilation in Nigeria: The System of National Accounts (SNA 2008 version) The internationally agreed standard of recommendations as to how to compile measures of economic activity.

The International Standard Industrial Classification (ISIC Revision 4.0): This is the international reference for the classification of productive activities. Its main purpose is to provide a set of activity categories that can be used for the collection and reporting of statistics according to such activities. The Central Product Classification (CPC version 2)

A classification based on the physical characteristics of goods or on the nature of services rendered. The CPC covers products that are output of economic activities.

Data for this analysis were obtained from the Quarterly Establishment Survey (QES) conducted by the National Bureau of Statistics (NBS), tax receipts from the Federal Inland Revenue Service, and other administrative sources such as the Nigerian National Petroleum Corporation. The series covers major aggregates of quarterly GDP under 46 activities at current and constant (2010) prices.

Using the above data and standards, GDP is computed as gross output minus intermediate consumption. Both gross output and intermediate consumption are detailed below for each activity:

## 1. AGRICULTURE

Under Section A, Division 01-03 of ISIC rev 4, Agriculture is divided into four main activities.

### 1.1 CROP PRODUCTION

Section A, Division 01 of ISIC Rev 4

**Gross Output:** Quantities produced multiplied by farm gate price, less losses (wastages).

**Intermediate consumption:** Seeds, fertilizer, pesticides, hire of farm implements and simple farm tools that are used up in one farming season.

### 1.2 LIVESTOCK PRODUCTION

Section A, Division 01 of ISIC Rev 4

**Gross Output is calculated using the following** Live animals and their produce + imports = animals slaughtered and their produce – animals which died of natural causes + exports + change in animal stock.

**Intermediate Consumption:** Value of animal feeds as input in the production of livestock and livestock products (such as broiler starter concentrate, breeder concentrate, ground cake, guinea corn etc.)

# Methodological Notes

## 1.3 FORESTRY

Section A, Division 02 of ISIC Rev 4

**Gross Output:** Value and quantity of timbers of various types (firewood, charcoal, uncultivated materials gathered). Other forest products obtained using expenditure approach. Sawn-logs, and other wood products categories are obtained using the production method, whereby, the quantity of logs produced is multiplied by the price per cubic of log.

**Intermediate consumption:** Expenditure on seeds and sapling, fuel oils, lubricants, feed, hand tools and spare parts, payments for contract work and other services.

## 1.4 FISHING

Section A, Division 03 of ISIC Rev 4

**Gross Output:** Measured by multiplying quantity in kilogram by the average price to obtain the value of production.

**Intermediate consumption:** Intermediate consumption here is captured according to expenditure on fingerlings, nets, feeds and other operating expenses.

## 2. MINING AND QUARRYING

Section B, Division 05-09 of ISIC Rev 4.0

### 2.1 CRUDE PETROLEUM AND NATURAL GAS

Section B, Division 06 of ISIC Rev 4

**Gross Output:** Quantity of crude petroleum produced (barrels) and Natural gas in million cubic feet (mcf) multiplied by the average price in domestic currency (equivalent of the price in dollar during the account period).

**Intermediate Consumption:** Includes purchase of consultancy services, Transportation, Electricity Bills, Water bills, Cost of Fuel used, Minor Repairs and Maintenance, Medical expense to staff, License & Registration fees, Travelling allowance, Staff Uniform, Rents on machinery & buildings, Spare Parts etc.

### 2.2 COAL MINING

Section B, Division 05 of ISIC Rev 4

**Gross Output:** Quantity produced multiplied by the average price.

**Intermediate Consumption:** Cost of raw materials used; both imported and Local, purchase of consultancy services, transportation, electricity bills, water bills, cost of fuel used, minor repairs and maintenance, medical expense to staff, royalty, travelling allowance, special clothing use at work, rents on machinery & buildings, Spare Parts etc.

### 2.3 METAL ORES

Section B, Division 07 of ISIC Rev 4

**Gross Output:** Quantity produced multiplied by the average price

**Intermediate Consumption:** Cost of raw materials used; both imported and Local, purchase of consultancy services, transportation, electricity bills, water bills, cost of fuel used, minor repairs and maintenance, medical expense to staff, royalty, travelling allowance, special clothing used at work, rents on machinery & buildings, Spare Parts etc.

### 2.4 QUARRYING AND OTHER MINING

Section B, Division 08 of ISIC Rev 4

**Gross Output:** Quantity produced multiplied by the average price

**Intermediate Consumption:** Cost of raw materials used; both imported and local, purchase of consultancy services, transportation, electricity bills, water bills, cost of fuel used, minor repairs and maintenance, medical expense to staff, royalty, travelling allowance, special clothing used at work, rents on machinery & buildings, Spare Parts etc.

# Methodological Notes

## 3. MANUFACTURING

Section C, Division 10-33 of ISIC Rev 4.

**Gross output** = Revenue from sales of goods + Revenue from sales of goods bought for resale (trade margin) + Revenue from rendering services to other + Closing stock of finished goods - Opening stock of finished goods + Closing stock of work-in-progress - Opening stock of work-in-progress

**Intermediate consumption** = Purchases of raw materials and supplies + Purchases of goods bought for resale + Purchases of packaging materials + Fuels and lubricants + Electricity + Water and Sewerage + Repair and Maintenance + Freight charges and transport + Closing stock of raw materials and supplies - Opening stock of raw materials and supplies + Insurance premium + All other costs and expenses for goods and services

## 4. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY

Section D, Division 35 of ISIC Rev 4.

**Gross Output:** The value of output is the amount of gas and electricity paid for. Hence, value added is the output less intermediate consumption.

**Intermediate Consumption** = other cost of sales + Indirect expenses

## 5. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION

Section E, Division 36 of ISIC Rev. 4

**Gross output** = Water revenue + Sewage revenue + New connections

**Intermediate Consumption** = other cost of sales + Indirect expenses

## 6. TRADE

Section G, Divisions 45 to 47 of ISIC Rev. 4.

**Gross Output:** This is equal to the trade margin, i.e. the difference between the revenue of goods sold and the value of the goods purchased for resale.

**Intermediate Consumption:** Goods and services needed to run the trading establishment, such as packaging materials, electricity, office supplies, and rentals.

## 7. CONSTRUCTION

Section F, Division 41 to 43 of ISIC Rev 4.

**Gross Output:** Value of work done and other incomes.

**Intermediate Consumption:** This comprises cement, blocks, metals/iron bars, sand, stone, wood, gravel, other construction inputs, and cost of fuel used by generator, water bills and expenses on internet services/telephone/postage bills during the construction period.

## 8. ACCOMMODATION AND FOOD SERVICES

Section I, Division 55 to 56 of ISIC Rev. 4.

**Gross Output:** Income generated from Accommodation, Catering, Restaurants, Beverage Service activities, Other income

**Intermediate Consumption** includes expenses incurred in running the businesses.

## 9. TRANSPORTATION AND STORAGE

This industry broadly categorized under ISIC Rev. 4, Section H, division 49-53. The sector is divided into 6 subeconomic activities.

# Methodological Notes

## 9.1 ROAD TRANSPORT

Section H, Division 49 of ISIC Rev 4

**Gross Output:** The output of road transport is the revenue generated for the period under consideration.

**Intermediate Consumption:** Intermediate consumption consists of fuels and lubricants used electricity bills, water bills, office supplies, and rentals.

## 9.2 RAIL TRANSPORT AND PIPELINES

Section H, Division 49 of ISIC Rev 4

**Gross Output:** Receipts from passengers, goods traffic and subventions from Federal Government. The Petroleum Pipeline Product income is from the transportation of the petroleum products and crude oil to designated depots and refineries in Nigeria.

**Intermediate Consumption:** This consists of the summation of all expenses incurred in the production process such as fuels and lubricants used, electricity bills, water bills, office supplies, and rentals.

## 9.3 WATER TRANSPORT

Section H, Division 50 of ISIC Rev 4

**Gross Output:** Receipts from passengers and goods traffic.

**Intermediate Consumption:** Fuels and lubricants used electricity bills, water bills, office supplies, and rentals.

## 9.4 AIR TRANSPORT

Section H, Division 51 of ISIC Rev 4

**Gross Output:** Receipts from passengers and Cargoes (goods traffic).

**Intermediate Consumption:** Fuels and lubricants used, electricity bills, water bills, office supplies, and rentals, Spare parts, Consultancy, Audit fees.

## 9.5 TRANSPORT SERVICES

Section H, Division 52 of ISIC Rev 4

**Gross Output:** Receipts from services for storage and transportation activities.

**Intermediate Consumption:** Fuels and lubricants used, transportation cost, electricity bills, water bills, office supplies, and rentals.

## 9.6 POST AND COURIER SERVICES

Section H, Division 53 of ISIC Rev 4

**Gross Output:** Receipts from services rendered on number of mails and parcels handled.

**Intermediate Consumption:** Fuels and lubricants used, transportation cost, electricity bills, water bills, office supplies, and rentals.

## 10. INFORMATION AND COMMUNICATION

Categorized under ISIC Rev. 4, Section J, Division 58-63, the sector is divided into 4 economic activities:

### 10.1 TELECOMMUNICATION AND INFORMATION SERVICES

Section J, division 61 to 63 of ISIC Rev 4.

**Gross Output:** Revenue from telephone, telex, Facsimile, telegraph, and other income from satellite and internet services.

**Intermediate consumption:** Transit fees, operational expenditure, minor repairs and maintenance and other expenses.

## 10.2 PUBLISHING

Section J, Division 58 of ISIC Rev 4

**Gross Output:** Revenue from publishing services.

**Intermediate consumption:** This includes details of the cost structure including transportation fees, operational expenditure, minor repairs etc.

## 10.3 MOTION PICTURE AND SOUND RECORDING

Section J, Division 59 of ISIC Rev 4.

**Gross Output:** Revenue generated/total sales from the number of movies and sound recordings produced including revenue generated from TV rights, royalties and fees.

**Intermediate consumption:** Detail on the cost structure of operating firms including transportation fees, operational expenditure, minor repairs and maintenance, and other administrative expenses.

## 10.4 BROADCASTING

Section J, Division 60 of ISIC Rev 4

**Gross Output:** Public corporation data derived from Accountants General's reports, while private component relies on revenue generated from services rendered e.g. advertisement.

**Intermediate consumption:** Details of the cost structure of market participants which include transportation fees, operational expenditure, minor repairs and maintenance

## 11. ARTS ENTERTAINMENT AND RECREATION

Section R, division 90-93 of ISIC Rev 4.

**Gross Output:** Revenue generated was estimated in two categories: one as a market output and the second as non-market output (public establishments)

**Intermediate consumption:** Details of the cost structure were obtained from the financial reports of firms.

## 12. FINANCE AND INSURANCE SERVICES

Section k, Division 64-66 of ISIC Rev 4, Finance and Insurance Services is divided into two (2) sectors.

### 12.1 FINANCIAL INSTITUTIONS

Section K, Division 64 of ISIC Rev 4

**Gross Output:** Gross output for financial services are measured by Financial Services Indirectly Measured (FISIM).

**Gross Output** = Implicit service charges (FISIM) + Explicit service charges.

**Intermediate Consumption:** Details of the cost structure are extracted from the data supplied such as; Currency Issue Expenses, Administrative Expenses, Repairs and Maintenance, Consultancy Fees, Bank Charges, Audit fees, Directors related expenses

## 12.2. INSURANCE

Section K, Division 65 of ISIC Rev 4

### Gross Output:

**Output of life insurance:** Output = Actual premiums earned + Plus Premium supplements - Benefits due - Minus Increases (plus decreases) in life insurance technical reserves

**Output of non-life (General) insurance:** Output = Actual premiums earned + Premium supplements - Adjusted claims incurred

**Output of funded pension fund:** Output = Actual pension contributions + Supplementary contributions - Benefits due + Plus Change in the actuarial reserves + Property income

**Intermediate consumption:** consists of the cost structure (operating expenses) from the annual reports of institutions.

## 13. REAL ESTATE

Section L, Division 68 of ISIC Rev 4

**Gross Output:** Sum of fees and commissions receivable for the services rendered.

**Intermediate consumption:** Details of the cost structure including transportation fees, operational expenditure, minor repairs and maintenance etc.

## 14. PROFESSIONAL SCIENTIFIC AND TECHNICAL SERVICES

Section M, Division 69-75 of ISIC Rev 4.

**Gross Output:** Sum of revenues receivable for the services rendered.

**Intermediate consumption:** Details of the cost structure including transportation fees, operational expenditure, minor repairs and maintenance etc.

## 15. ADMINISTRATIVE AND SUPPORT SERVICES

Section N, Division 77-82 of ISIC RE 4.

**Gross Output:** Sum of fees and commissions receivable for the services rendered.

**Intermediate consumption:** Details of the cost structure including transportation fees, operational expenditure, minor repairs and maintenance etc.

## 16. PUBLIC ADMINISTRATION

Section O, Division 48 of ISIC Rev. 4

**Gross output Basic = Intermediate consumption (Less commodity sales and fees) + Compensation of employees + Consumption of fixed capital + Other taxes less subsidies on production.**

# Methodological Notes

## 17. EDUCATION

Section P, division 85 of ISIC Rev. 4.

**Gross Output:** Consists of government production, which is a non-market service offered without charge or at a price not economically significant, and private production, offered at the market price.

**Government Production (non-market service):**

Gross output Basic = +Intermediate consumption (Less commodity sales and fees) + Compensation of employees + Consumption of fixed capital + Other taxes less subsidies on production.

**Private Production (market service):**

Gross output Basic = Total output - Intermediate consumption + other taxes less subsidies on production.

**Intermediate consumption:** Details of cost structure including transportation fees, operational expenditure, minor repairs and maintenance etc.

## 18. HUMAN HEALTH AND SOCIAL SERVICES

Section Q, Division 86-88 of ISIC Rev. 4.

**Gross Output:** Consists of government production, which is a non-market service offered without charge or at a price not economically significant, and private production, offered at the market price.

**Government production (non-market service):**

Gross output Basic = Intermediate consumption (Less commodity sales and fees) + Compensation of employees + Consumption of fixed capital + Other taxes less subsidies on production.

**Private production (market service):**

Gross output Basic = Total output - Intermediate consumption + other taxes less subsidies on production.

**Intermediate consumption:** Details of the cost structure of operators including transportation fees, operational expenditure, minor repairs and maintenance etc.

## 19. OTHER SERVICE ACTIVITIES

Section S Division 94 to 96 of ISIC Rev. 4.

**Gross Output:** Income generated from the various services rendered

# Appendix

**Table One: Gross Domestic Product At Current Basic Prices (=N=Million)**

ACTIVITY SECTOR	2016					Total	2017		
	Q1	Q2	Q3	Q4	Q1		Q2	Q3	
<b>AGRICULTURE</b>									
1. Crop Production	3,583,980.17	4,017,083.56	5,801,028.13	5,480,989.64	18,883,081.50	3,969,515.26	4,530,128.43	6,536,584.78	
2. Livestock	464,969.11	437,827.87	433,401.39	539,584.99	1,875,783.35	487,870.92	474,213.64	465,642.41	
3. Forestry	53,486.95	59,790.68	54,677.39	66,299.96	236,254.98	58,244.18	66,980.17	60,618.56	
4. Fishing	165,454.83	115,157.00	109,355.82	138,425.01	528,392.66	170,591.17	138,824.80	135,364.39	
<b>MINING AND QUARRYING</b>									
5. Crude Petroleum and Natural Gas	887,489.93	959,563.14	1,602,716.19	1,917,553.43	5,367,322.68	2,141,964.14	2,420,354.42	3,250,087.96	
6. Coal Mining	2,611.14	2,466.24	977.20	2,439.75	8,494.33	3,114.70	3,003.22	666.51	
7. Metal Ores	2,120.44	1,652.10	1,197.00	773.20	5,742.73	3,490.31	1,896.67	1,469.26	
8. Quarrying and Other Minerals	2,654.31	22,949.75	28,161.23	34,220.15	87,985.44	5,161.51	30,388.33	36,030.34	
<b>MANUFACTURING</b>									
9. Oil Refining	33,885.21	56,267.45	108,535.68	77,903.66	276,591.99	38,598.24	67,406.56	63,142.02	
10. Cement	150,194.69	154,003.08	161,657.38	183,745.57	649,600.71	207,456.89	202,365.47	207,723.55	
11. Food, Beverage and Tobacco	963,392.71	989,801.93	1,028,338.77	1,120,140.15	4,101,673.55	1,100,504.47	1,124,771.88	1,135,903.57	
12. Textile, Apparel and Footwear	467,483.61	465,097.89	519,538.79	574,892.91	2,027,013.20	565,538.33	545,746.65	590,960.29	
13. Wood and Wood Products	66,381.01	66,657.13	67,652.95	74,410.34	275,101.44	78,831.87	71,976.15	75,465.90	
14. Pulp, Paper and Paper Products	16,106.38	16,495.54	18,354.49	19,756.30	70,712.70	20,429.23	20,198.64	21,885.68	
15. Chemical and Pharmaceutical Prod	46,277.50	50,384.71	49,434.19	51,631.12	197,727.53	51,561.70	57,459.04	57,193.09	
16. Non-Metallic Products	88,691.97	80,878.46	87,443.92	87,076.50	344,090.85	103,797.46	102,818.52	107,446.40	
17. Plastic and Rubber products	73,238.12	69,020.20	72,756.24	76,428.02	291,442.58	80,457.12	80,225.35	81,954.62	
18. Electrical and Electronics	1,473.25	1,449.49	1,581.45	1,695.30	6,199.49	1,181.58	1,686.45	1,857.10	
19. Basic metal, Iron and Steel	51,087.56	52,104.48	54,896.21	61,482.12	219,570.37	56,220.98	59,318.51	61,156.70	
20. Motor vehicles & assembly	15,108.02	12,857.94	12,684.66	12,142.93	52,793.55	14,413.41	15,756.58	13,647.40	
21. Other Manufacturing	103,724.05	87,846.20	98,566.44	100,581.62	390,718.31	103,513.43	88,859.22	98,526.01	
22. ELECTRICITY, GAS, STEAM AND AIR CONDI	81,605.50	111,451.87	126,536.16	205,083.38	524,676.91	74,078.41	177,267.07	159,286.13	
23. WATER SUPPLY, SEWERAGE, WASTE MANU	26,105.47	40,303.31	38,104.46	32,634.04	137,147.28	38,739.46	46,684.05	42,555.45	
24. CONSTRUCTION	889,059.58	992,157.05	787,336.72	938,006.83	3,606,560.18	1,077,986.60	1,166,447.71	918,732.50	
25. TRADE	4,796,793.53	4,969,298.29	5,267,421.16	5,642,347.03	20,675,860.01	5,256,545.00	5,208,659.47	5,290,494.84	
26. ACCOMMODATION AND FOOD SERVICES	270,155.23	156,591.86	228,424.31	269,892.85	925,064.25	280,471.93	166,111.19	248,398.40	
<b>TRANSPORTATION AND STORAGE</b>									
27. Road Transport	303,508.85	321,487.88	358,720.46	374,965.78	1,358,682.97	396,619.77	330,356.64	360,765.61	
28. Rail Transport & Pipelines	33.65	96.61	63.66	115.81	309.73	37.87	105.50	66.78	
29. Water Transport	1,384.91	2,535.54	2,904.71	2,099.73	8,924.90	1,536.58	2,692.01	3,011.63	
30. Air Transport	22,187.70	19,473.23	25,813.97	27,025.69	94,500.59	25,492.71	21,909.99	28,170.55	
31. Transport Services	11,265.33	19,339.87	24,390.99	27,249.70	82,245.90	11,876.88	20,944.65	25,354.37	
32. Post and Courier Services	7,353.17	7,642.36	6,847.87	7,012.65	28,856.04	8,027.49	2,597.70	3,790.87	
<b>INFORMATION AND COMMUNICATION</b>									
33. Telecommunications & Informatio	1,935,952.68	2,214,081.36	1,993,611.15	2,385,747.33	8,529,392.52	2,093,280.68	2,236,521.29	1,905,116.96	
34. Publishing	7,415.25	7,742.30	6,914.29	7,749.12	29,820.96	8,130.38	8,703.43	7,335.02	
34. Motion Pictures, Sound recording	326,908.48	296,731.27	273,585.92	302,753.05	1,199,978.72	366,113.40	300,071.12	275,218.32	
35. Broadcasting	457,757.56	445,316.72	355,691.56	461,537.56	1,720,303.40	507,142.23	497,315.19	372,226.47	
37. ARTS, ENTERTAINMENT AND RECREATION	66,140.35	60,249.17	54,113.27	58,875.40	239,378.20	80,344.17	63,426.48	55,982.25	
<b>FINANCIAL AND INSURANCE</b>									
38. Financial Institutions	717,338.93	718,080.15	816,822.29	847,631.03	3,099,872.40	815,974.46	855,185.40	780,280.32	
39. Insurance	108,250.35	143,257.14	115,327.72	126,619.77	493,454.99	123,772.68	158,400.76	115,693.39	
40. REAL ESTATE	1,649,385.19	2,029,084.56	2,179,118.81	2,482,836.65	8,340,425.20	1,823,650.64	2,154,258.54	2,213,792.25	
41. PROFESSIONAL, SCIENTIFIC AND TECHN	939,623.00	1,040,119.54	1,233,523.54	1,294,497.73	4,507,763.81	1,078,130.37	1,089,087.78	1,243,454.39	
42. ADMINISTRATIVE & SUPPORT SERVICES	5,416.58	6,135.56	6,892.82	7,079.86	25,524.81	6,199.42	6,431.15	7,093.21	
43. PUBLIC ADMINISTRATION	614,130.42	691,747.57	679,963.00	797,987.74	2,783,828.73	680,037.73	748,997.23	689,995.70	
44. EDUCATION	515,975.60	473,766.31	646,096.43	810,113.13	2,445,951.47	587,788.16	513,997.20	667,850.53	
45. HUMAN HEALTH AND SOCIAL SERVICES	165,052.26	186,446.84	191,163.52	202,919.55	745,582.17	186,243.85	195,759.21	195,998.93	
46. OTHER SERVICES	1,076,704.78	874,975.70	805,306.68	1,232,104.94	3,989,092.10	1,237,678.25	953,940.99	837,312.61	
GDP Current Basic Price	22,235,315.29	23,547,466.91	26,537,651.01	29,169,058.99	101,489,492.20	26,028,356.03	27,030,250.47	29,451,303.99	
Net Indirect Taxes on Products	200,149.01	189,830.58	333,359.75	362,586.50	1,085,925.83	200,495.49	236,144.45	378,336.31	
GDP Current Market Price	22,435,464.29	23,737,297.49	26,871,010.76	29,531,645.49	102,575,418.03	26,228,851.52	27,266,394.92	29,829,640.30	

# Appendix

**Table Two: Gross Domestic Product At 2010 Constant Basic Prices (=N=Million)**

ACTIVITY SECTOR	2016					2017		
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3
<b>AGRICULTURE</b>								
1. Crop Production	2,844,122.16	3,224,828.52	4,639,609.64	4,185,887.50	14,894,447.82	2,943,533.29	3,328,488.10	4,787,569.00
2. Livestock	292,862.48	282,785.95	276,910.05	332,559.97	1,185,118.44	297,903.42	289,226.70	283,888.28
3. Forestry	39,164.90	44,448.45	40,197.38	47,831.92	171,642.65	40,177.39	46,178.84	41,785.42
4. Fishing	98,575.47	83,470.22	78,352.00	95,730.73	356,128.42	103,986.72	81,192.95	76,123.29
<b>MINING AND QUARRYING</b>								
5. Crude Petroleum and Natural Gas	1,597,161.50	1,426,084.54	1,420,267.99	1,228,692.98	5,672,207.01	1,347,988.99	1,476,395.35	1,787,915.72
6. Coal Mining	2,364.12	2,193.56	827.39	1,959.58	7,344.65	2,412.00	2,301.48	508.94
7. Metal Ores	1,919.84	1,469.44	1,013.49	621.03	5,023.79	2,702.87	1,453.48	1,121.90
8. Quarrying and Other Minerals	2,454.04	20,689.72	24,245.62	27,851.92	75,241.30	3,743.28	21,154.10	24,696.25
<b>MANUFACTURING</b>								
9. Oil Refining	26,410.96	42,587.24	81,231.08	55,737.15	205,966.43	27,206.96	47,391.31	44,354.72
10. Cement	138,280.63	138,121.89	140,420.39	147,390.95	564,213.86	140,817.47	132,380.87	134,023.07
11. Food, Beverage and Tobacco	659,616.06	675,879.24	694,139.75	723,263.90	2,752,898.95	686,440.44	693,948.73	698,174.96
12. Textile, Apparel and Footwear	345,416.24	330,071.83	354,977.89	377,038.36	1,407,504.32	349,453.19	330,719.15	355,662.09
13. Wood and Wood Products	50,453.54	47,707.31	48,201.76	50,566.66	196,929.27	51,695.97	46,709.66	48,798.24
14. Pulp, Paper and Paper Products	12,492.59	12,333.79	13,192.34	13,412.39	51,431.11	12,646.91	12,105.22	12,960.33
15. Chemical and Pharmaceutical Prod	36,307.23	39,742.31	38,819.59	37,923.39	152,792.52	35,980.46	39,354.50	38,914.52
16. Non-Metallic Products	61,778.63	56,733.98	59,780.13	56,202.26	234,495.00	61,327.61	58,894.29	60,848.00
17. Plastic and Rubber products	56,510.39	53,631.97	55,097.84	55,027.86	220,268.05	55,504.21	54,564.76	55,465.63
18. Electrical and Electronics	969.10	1,190.88	1,268.82	1,288.19	4,716.98	839.32	1,170.67	1,278.52
19. Basic metal, Iron and Steel	40,084.41	41,337.24	42,624.12	45,353.33	169,399.09	39,766.45	41,393.54	42,475.63
20. Motor vehicles & assembly	11,900.31	9,628.57	8,305.61	7,559.88	37,394.36	7,500.40	7,729.40	6,539.57
21. Other Manufacturing	82,267.96	70,481.78	76,835.33	74,637.42	304,222.48	74,008.09	62,810.58	69,369.42
22. ELECTRICITY, GAS, STEAM AND AIR CONDI	32,114.12	53,030.91	57,617.36	88,807.34	231,569.73	30,495.03	71,858.90	64,222.68
23. WATER SUPPLY, SEWERAGE, WASTE MANA	23,090.92	29,775.46	27,815.32	22,993.73	103,675.42	26,007.05	30,801.31	27,906.10
24. CONSTRUCTION	659,950.18	693,744.65	543,808.12	623,349.23	2,520,852.18	660,920.64	694,618.72	541,311.33
25. TRADE	2,909,263.86	2,833,632.17	2,879,664.75	3,046,500.61	11,669,061.39	2,819,562.17	2,787,855.05	2,829,605.68
26. ACCOMMODATION AND FOOD SERVICES	183,250.31	107,242.41	152,906.74	176,019.77	619,419.23	175,995.55	102,896.77	153,179.88
<b>TRANSPORTATION AND STORAGE</b>								
27. Road Transport	162,955.48	162,141.86	174,540.74	179,667.15	679,305.23	183,087.18	150,467.56	163,552.58
28. Rail Transport & Pipelines	19.91	56.65	35.75	62.95	175.25	20.40	56.75	35.91
29. Water Transport	761.08	1,351.68	1,509.67	1,064.21	4,686.63	774.52	1,354.88	1,514.99
30. Air Transport	14,729.99	12,651.49	16,131.20	16,541.41	60,054.09	14,955.75	12,670.16	16,208.84
31. Transport Services	6,665.68	11,340.04	13,695.53	14,883.01	46,584.26	6,398.28	11,266.34	13,728.09
32. Post and Courier Services	5,780.58	1,856.97	5,059.77	5,094.51	17,791.83	5,811.02	1,878.20	2,739.78
<b>INFORMATION AND COMMUNICATION</b>								
33. Telecommunications & Informatio	1,411,743.39	1,580,140.43	1,398,963.43	1,662,816.04	6,053,663.28	1,452,572.74	1,549,800.78	1,319,535.29
34. Publishing	4,706.75	4,843.28	4,108.69	4,469.17	18,127.90	4,755.39	4,980.54	4,195.90
35. Motion Pictures, Sound recording	208,001.25	183,742.81	164,694.28	177,994.53	734,432.87	214,136.58	175,412.54	160,854.80
36. Broadcasting	291,256.28	275,750.33	214,120.54	271,347.09	1,052,474.24	296,623.12	290,715.48	217,552.43
37. ARTS, ENTERTAINMENT AND RECREATION	42,082.96	37,307.67	32,575.31	34,614.02	146,579.96	46,992.61	37,077.21	32,719.53
<b>FINANCIAL AND INSURANCE</b>								
38. Financial Institutions	435,067.34	409,469.28	446,551.41	457,665.65	1,748,753.70	437,681.16	457,724.86	417,330.64
39. Insurance	65,654.03	81,689.21	63,048.91	68,366.44	278,758.60	66,390.52	84,781.57	61,878.27
40. REAL ESTATE	1,033,869.15	1,220,527.28	1,259,867.76	1,389,340.45	4,903,604.64	1,001,774.13	1,177,497.33	1,207,994.54
41. PROFESSIONAL, SCIENTIFIC AND TECHNIC	569,883.03	593,105.10	674,359.27	698,944.63	2,536,292.03	578,299.17	582,917.52	665,057.94
42. ADMINISTRATIVE & SUPPORT SERVICES	3,285.16	3,498.66	3,768.26	3,822.66	14,374.75	3,325.31	3,442.17	3,793.78
43. PUBLIC ADMINISTRATION	372,471.20	394,453.72	371,731.33	430,861.50	1,569,517.75	364,765.95	400,889.27	369,042.18
44. EDUCATION	341,069.10	303,373.68	393,011.56	481,478.75	1,518,933.09	344,006.91	299,293.86	388,210.65
45. HUMAN HEALTH AND SOCIAL SERVICES	111,906.83	119,462.76	119,281.89	125,038.53	475,690.00	113,100.03	118,310.52	118,263.47
46. OTHER SERVICES	653,023.38	498,935.49	440,255.90	665,256.58	2,257,471.35	663,879.18	510,582.27	447,834.20
GDP at 2010 constant price	15,943,714.54	16,218,542.41	17,555,441.69	18,213,537.29	67,931,235.93	15,797,965.83	16,334,719.27	17,800,732.97
Net Indirect Taxes on Products	143,515.78	130,747.62	220,527.34	226,403.69	721,194.44	121,691.16	142,705.05	228,671.15
GDP Constant Market Price	16,087,230.32	16,349,290.03	17,775,969.03	18,439,940.98	68,652,430.36	15,919,656.99	16,477,424.32	18,029,404.12

# Appendix

**Table Three GDP Growth Rate at Current prices (Nominal GDP Growth)%**

ACTIVITY SECTOR	2015				Full Year 2015	2016				Full Year 2016	2017		
	Q1	Q2	Q3	Q4		Q1	Q2	Q3	Q4		Q1	Q2	Q3
AGRICULTURE	7.44	9.17	9.33	9.50	8.98	14.15	13.24	7.37	6.45	9.61	9.80	12.53	12.50
1. Crop Production	6.47	8.94	9.28	9.37	8.71	14.09	14.40	7.76	6.34	9.85	10.76	12.77	12.68
2. Livestock	12.25	11.01	10.40	10.89	11.12	10.45	9.20	3.47	6.37	7.31	4.93	8.31	7.44
3. Forestry	11.55	7.71	4.69	5.69	7.26	3.69	5.69	4.51	9.54	6.03	8.89	12.02	10.87
4. Fishing	15.47	10.60	10.43	11.23	11.97	32.41	-3.91	3.98	9.71	10.97	3.10	20.55	23.78
MINING AND QUARRYING	-46.20	-33.30	-33.43	-35.12	-37.22	-36.90	-44.32	4.29	45.46	-10.34	140.67	148.69	101.36
5. Crude Petroleum and Natural Gas	-46.74	-33.68	-33.87	-35.71	-37.71	-36.20	-45.05	4.09	46.02	-10.40	141.35	152.24	102.79
6. Coal Mining	18.24	18.12	10.61	11.06	15.24	7.06	1.06	1.05	14.16	6.40	19.28	21.77	-31.79
7. Metal Ores	11.92	8.39	8.51	7.97	9.37	62.69	9.14	17.11	24.24	28.72	64.60	14.60	22.75
8. Quarrying and Other Minerals	12.56	8.51	8.53	6.37	8.63	-88.69	6.61	16.46	22.30	-9.43	94.46	32.41	27.94
MANUFACTURING	1.25	0.07	4.80	6.93	3.32	-2.98	-1.02	-2.93	3.56	-0.79	16.63	15.97	10.32
9. Oil Refining	-54.86	-64.87	-11.61	-11.36	-35.72	-18.36	59.67	6.46	12.37	11.52	13.91	19.80	-41.82
10. Cement	25.30	25.25	23.19	22.58	24.03	-16.92	-16.43	-14.50	-6.16	-13.38	38.13	31.40	28.50
11. Food, Beverage and Tobacco	-0.01	-2.54	1.97	5.00	1.17	-4.66	-2.06	-8.95	-1.83	-4.42	14.23	13.64	10.46
12. Textile, Apparel and Footwear	-1.88	3.98	4.07	6.25	3.08	2.25	1.82	11.31	17.13	8.30	20.98	17.34	13.75
13. Wood and Wood Products	10.35	8.80	8.10	7.58	8.68	4.58	3.66	3.65	12.36	6.11	18.76	7.98	11.55
14. Pulp, Paper and Paper Products	10.15	11.01	11.02	9.01	10.28	4.01	2.00	7.10	14.23	6.99	26.84	22.45	19.24
15. Chemical and Pharmaceutical Products	30.64	20.10	19.52	23.21	22.97	9.12	4.06	-0.65	4.21	4.00	11.42	14.04	15.70
16. Non-Metallic Products	26.42	20.75	21.62	18.20	21.72	10.20	6.10	7.87	11.90	9.03	17.03	27.13	22.87
17. Plastic and Rubber products	26.30	19.23	19.09	17.21	20.37	9.10	5.52	7.54	14.13	9.09	9.86	16.23	12.64
18. Electrical and Electronics	6.10	3.13	4.36	4.88	4.61	2.86	1.29	1.29	6.22	2.97	-19.80	16.35	17.43
19. Basic metal, Iron and Steel	7.79	5.66	6.14	4.23	5.89	3.23	4.13	4.66	11.12	5.92	10.05	13.85	11.40
20. Motor vehicles & assembly	6.41	4.62	5.34	0.91	4.34	-17.47	-24.80	-28.77	-27.92	-24.64	-4.60	22.54	7.59
21. Other Manufacturing	-3.21	-3.54	1.15	2.54	-0.78	-7.98	-10.80	-10.80	-8.07	-9.37	-0.20	1.15	-0.04
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	-6.89	4.22	3.46	2.43	0.89	-28.47	-4.26	3.97	11.18	-2.24	-9.22	59.05	25.88
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	24.99	14.52	15.46	17.35	17.58	11.35	31.71	32.95	40.90	29.55	48.40	15.83	11.68
24. CONSTRUCTION	14.81	11.24	5.34	4.14	8.89	1.14	3.77	2.81	7.66	3.87	21.25	17.57	16.69
25. TRADE	15.35	14.47	14.68	14.75	14.80	13.51	15.23	15.36	14.58	14.68	9.58	4.82	0.44
26. ACCOMMODATION AND FOOD SERVICES	37.37	-2.27	0.98	1.01	9.01	0.81	0.06	2.73	9.35	3.51	3.82	6.08	8.74
TRANSPORTATION AND STORAGE	11.48	11.69	13.89	16.81	13.67	30.16	6.18	19.69	10.55	15.61	28.30	2.17	0.58
27. Road Transport	11.08	11.77	14.27	16.80	13.68	33.44	7.13	21.89	12.11	17.50	30.68	2.76	0.57
28. Rail Transport & Pipelines	12.59	10.38	12.04	12.45	11.72	8.12	8.33	12.11	10.29	9.80	12.54	9.20	4.91
29. Water Transport	14.98	12.31	12.65	12.68	12.91	10.12	9.10	10.53	12.74	10.57	10.95	6.17	3.68
30. Air Transport	13.14	10.59	10.01	19.10	13.42	7.71	-10.51	4.87	-6.03	-1.29	14.90	12.51	9.13
31. Transport Services	15.20	12.21	14.56	16.89	14.80	14.27	9.43	11.15	16.07	12.74	5.43	8.30	3.95
32. Post and Courier Services	14.58	9.99	10.30	10.56	11.25	15.14	8.48	8.48	-12.18	4.06	9.17	-66.01	-44.64
INFORMATION AND COMMUNICATION	17.16	11.64	10.41	11.01	12.44	8.70	-6.66	9.26	17.43	6.48	9.04	2.66	-2.66
33. Telecommunications & Information Services	12.14	9.42	8.43	9.24	9.74	7.63	-11.61	8.24	19.16	4.69	8.13	1.01	-4.44
34. Publishing,	26.41	21.15	15.63	16.28	19.85	16.51	14.46	21.38	22.66	18.61	9.64	12.41	6.08
34. Motion Pictures, Sound recording and Music production	28.40	6.97	8.97	7.41	12.75	4.07	3.33	6.53	8.68	5.57	11.99	1.13	0.60
36. Broadcasting	35.43	34.05	25.64	23.79	29.68	17.20	18.32	17.54	14.78	16.90	10.79	11.68	4.65
37. ARTS, ENTERTAINMENT AND RECREATION	27.42	16.53	16.25	15.48	18.88	18.91	10.95	12.81	12.11	13.76	21.46	5.27	3.45
FINANCIAL AND INSURANCE	18.09	15.92	16.49	16.71	16.81	-1.29	2.80	20.65	19.74	10.21	13.83	17.68	-3.88
38. Financial Institutions	18.65	16.17	16.72	16.94	17.13	-3.38	0.00	20.89	20.02	9.06	13.75	19.09	-4.47
39. Insurance	13.87	14.44	14.95	15.24	14.63	15.24	19.55	18.98	17.89	18.02	14.34	10.57	0.32
40. REAL ESTATE	10.47	10.69	9.18	8.27	9.52	0.61	2.12	2.56	1.89	1.87	10.57	6.17	1.59
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	15.83	15.06	15.20	15.75	15.48	10.23	9.86	19.18	18.42	14.78	14.74	4.71	0.81
42. ADMINISTRATIVE & SUPPORT SERVICES	14.21	12.24	12.41	12.64	12.82	10.29	10.59	17.55	19.41	14.71	14.45	4.82	2.91
43. PUBLIC ADMINISTRATION	-5.23	-2.65	-4.65	-1.76	-3.47	6.37	8.21	13.34	8.43	9.06	10.73	8.28	1.48
44. EDUCATION	14.92	16.33	18.33	18.58	17.29	15.96	15.96	15.64	15.05	15.57	13.92	8.49	3.37
45. HUMAN HEALTH AND SOCIAL SERVICES	9.80	11.04	11.36	11.62	11.00	9.12	9.12	10.37	8.29	9.21	12.84	4.99	2.53
46. OTHER SERVICES	31.16	26.76	27.25	26.86	28.06	20.21	20.25	22.25	21.60	21.06	14.95	9.02	3.97
<b>GDP Current Basic Price (Nominal GDP Growth %)</b>	<b>4.32</b>	<b>5.17</b>	<b>6.02</b>	<b>7.12</b>	<b>5.73</b>	<b>5.67</b>	<b>3.01</b>	<b>9.15</b>	<b>12.49</b>	<b>7.80</b>	<b>17.06</b>	<b>14.79</b>	<b>10.98</b>

# Appendix

Growth rate at Constant prices (Real growth)									
ACTIVITY SECTOR	2016					2017			Year to Date % Q1 2017-Q3 2017
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	
<b>AGRICULTURE</b>	<b>3.09</b>	<b>4.53</b>	<b>4.54</b>	<b>4.03</b>	<b>4.11</b>	<b>3.39</b>	<b>3.01</b>	<b>3.06</b>	<b>3.14</b>
1. Crop Production	3.02	4.72	4.88	4.36	4.34	3.50	3.21	3.19	3.28
2. Livestock	3.86	6.32	0.76	1.23	2.94	1.72	2.28	2.52	2.17
3. Forestry	2.31	3.84	2.08	2.22	2.62	2.59	3.89	3.95	3.50
4. Fishing	3.25	6.85	0.34	0.76	0.72	5.49	2.72	2.84	0.35
<b>MINING AND QUARRYING</b>	<b>- 5.84</b>	<b>- 11.42</b>	<b>- 22.65</b>	<b>- 17.26</b>	<b>- 14.45</b>	<b>- 15.40</b>	<b>3.51</b>	<b>25.44</b>	<b>3.82</b>
5. Crude Petroleum and Natural Gas	- 4.81	- 11.63	- 23.04	- 17.70	- 14.45	- 15.60	3.53	25.89	3.80
6. Coal Mining	3.34	2.68	7.76	0.44	1.00	2.03	4.92	38.49	3.02
7. Metal Ores	57.03	4.22	6.89	7.03	20.74	40.79	1.09	10.70	19.88
8. Quarrying and Other Minerals	- 88.87	2.52	7.07	6.13	- 17.42	52.54	2.24	1.86	4.65
<b>MANUFACTURING</b>	<b>- 7.00</b>	<b>- 3.36</b>	<b>- 4.38</b>	<b>- 2.54</b>	<b>- 4.32</b>	<b>1.36</b>	<b>0.64</b>	<b>- 2.85</b>	<b>- 0.34</b>
9. Oil Refining	- 22.59	49.19	- 0.86	- 0.97	2.53	3.01	11.28	45.40	20.82
10. Cement	- 4.35	- 5.48	- 6.26	- 5.32	- 5.36	1.83	- 4.16	- 4.56	- 2.30
11. Food, Beverage and Tobacco	- 11.12	- 5.53	- 5.75	- 2.65	- 6.27	4.07	2.67	0.58	2.41
12. Textile, Apparel and Footwear	- 2.96	- 1.71	- 0.91	1.08	- 1.09	1.17	0.20	0.19	0.52
13. Wood and Wood Products	- 0.34	- 5.94	- 6.30	- 3.54	- 4.04	2.46	- 2.09	1.24	0.57
14. Pulp, Paper and Paper Products	- 1.55	- 6.17	- 4.33	- 4.53	- 4.17	1.24	- 1.85	- 1.76	- 0.81
15. Chemical and Pharmaceutical Products	5.89	2.35	1.53	1.38	1.19	0.90	0.98	0.24	0.54
16. Non-Metallic Products	5.51	2.92	3.02	1.22	3.20	0.73	3.81	1.79	1.56
17. Plastic and Rubber products	4.80	3.11	3.18	3.25	3.59	- 1.78	1.74	0.67	0.18
18. Electrical and Electronics	- 21.25	- 2.36	- 4.08	- 5.37	- 8.13	- 13.39	- 1.70	0.76	- 4.09
19. Basic metal, Iron and Steel	- 1.04	1.87	0.97	1.02	0.72	- 0.79	0.14	- 0.35	- 0.33
20. Motor vehicles & assembly	- 19.19	- 29.35	- 33.31	- 36.31	- 29.01	- 36.97	- 19.72	- 21.26	- 27.03
21. Other Manufacturing	- 12.22	- 13.13	- 14.92	- 15.73	- 14.00	- 10.04	- 10.88	- 9.72	- 10.19
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	- 44.46	- 10.46	- 6.68	- 5.16	- 15.00	- 5.04	35.50	11.46	16.68
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	9.59	8.46	8.66	10.76	9.27	12.63	3.45	0.33	5.00
24. CONSTRUCTION	- 5.37	- 6.28	- 6.13	- 6.03	- 5.95	0.15	0.13	- 0.46	- 0.03
25. TRADE	2.02	0.03	1.38	1.44	0.24	3.08	1.62	1.74	2.15
26. ACCOMMODATION AND FOOD SERVICES	- 7.41	- 6.39	- 4.88	- 2.74	- 5.32	- 3.96	- 4.05	- 0.18	- 2.55
<b>TRANSPORTATION AND STORAGE</b>	<b>14.73</b>	<b>- 5.34</b>	<b>0.72</b>	<b>- 5.32</b>	<b>0.39</b>	<b>10.55</b>	<b>- 6.18</b>	<b>- 6.25</b>	<b>- 0.81</b>
27. Road Transport	16.92	- 3.71	1.26	- 4.26	1.72	12.35	- 7.20	- 6.30	- 0.51
28. Rail Transport & Pipelines	- 3.27	- 1.23	0.15	0.30	- 0.65	2.47	0.18	0.45	0.67
29. Water Transport	3.76	0.82	1.02	1.05	1.40	1.77	0.24	0.35	0.61
30. Air Transport	2.18	- 2.56	- 3.12	- 13.25	- 4.86	1.53	0.15	0.48	0.74
31. Transport Services	2.23	- 1.52	- 0.70	- 2.63	- 1.12	4.01	- 0.65	0.24	0.97
32. Post and Courier Services	8.37	- 67.88	- 1.10	- 20.19	- 21.33	0.53	1.14	- 45.85	- 17.86
<b>INFORMATION AND COMMUNICATION</b>	<b>4.07</b>	<b>1.35</b>	<b>1.11</b>	<b>1.38</b>	<b>1.95</b>	<b>2.73</b>	<b>- 1.15</b>	<b>- 4.48</b>	<b>- 0.89</b>
33. Telecommunications & Information Services	5.00	1.49	0.95	1.03	2.03	2.89	- 1.92	- 5.68	- 1.57
34. Publishing	4.31	2.37	2.42	0.46	2.40	1.03	2.83	2.12	2.00
34. Motion Pictures, Sound recording and Music production	- 5.12	- 6.01	- 3.69	- 1.08	- 4.08	2.95	- 4.53	- 2.33	- 1.08
36. Broadcasting	6.85	6.05	6.27	5.33	6.13	1.84	5.43	1.60	3.04
<b>37. ARTS, ENTERTAINMENT AND RECREATION</b>	<b>8.41</b>	<b>1.80</b>	<b>1.99</b>	<b>2.04</b>	<b>3.72</b>	<b>11.67</b>	<b>- 0.62</b>	<b>0.44</b>	<b>4.31</b>
<b>FINANCIAL AND INSURANCE</b>	<b>- 11.28</b>	<b>- 10.82</b>	<b>2.64</b>	<b>2.68</b>	<b>- 4.54</b>	<b>0.67</b>	<b>10.45</b>	<b>- 5.96</b>	<b>1.62</b>
38. Financial Institutions	- 13.16	- 13.24	2.85	2.92	- 5.57	0.60	11.78	- 6.54	1.68
39. Insurance	3.57	3.72	1.22	1.09	2.46	1.12	3.79	- 1.86	1.26
<b>40. REAL ESTATE</b>	<b>- 4.69</b>	<b>- 5.27</b>	<b>- 7.37</b>	<b>- 9.27</b>	<b>- 6.86</b>	<b>- 3.10</b>	<b>- 3.53</b>	<b>- 4.12</b>	<b>- 3.61</b>
<b>41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES</b>	<b>- 0.93</b>	<b>1.07</b>	<b>1.40</b>	<b>1.45</b>	<b>0.80</b>	<b>1.48</b>	<b>- 1.72</b>	<b>- 1.38</b>	<b>- 0.60</b>
<b>42. ADMINISTRATIVE &amp; SUPPORT SERVICES</b>	<b>- 0.88</b>	<b>- 4.06</b>	<b>0.01</b>	<b>2.07</b>	<b>- 0.69</b>	<b>1.22</b>	<b>- 1.61</b>	<b>0.68</b>	<b>0.09</b>
<b>43. PUBLIC ADMINISTRATION</b>	<b>- 4.40</b>	<b>- 6.13</b>	<b>- 3.57</b>	<b>- 4.15</b>	<b>- 4.58</b>	<b>- 2.07</b>	<b>1.63</b>	<b>- 0.72</b>	<b>- 0.35</b>
<b>44. EDUCATION</b>	<b>3.82</b>	<b>2.88</b>	<b>- 0.11</b>	<b>- 0.09</b>	<b>1.35</b>	<b>0.86</b>	<b>- 1.34</b>	<b>- 1.22</b>	<b>- 0.57</b>
<b>45. HUMAN HEALTH AND SOCIAL SERVICES</b>	<b>0.55</b>	<b>- 2.64</b>	<b>- 2.31</b>	<b>- 2.49</b>	<b>- 1.79</b>	<b>1.07</b>	<b>- 0.96</b>	<b>- 0.85</b>	<b>- 0.28</b>
<b>46. OTHER SERVICES</b>	<b>8.04</b>	<b>4.32</b>	<b>4.01</b>	<b>3.07</b>	<b>4.93</b>	<b>1.66</b>	<b>2.33</b>	<b>1.72</b>	<b>1.89</b>
<b>GDP at 2010 constant price</b>	<b>- 0.67</b>	<b>- 1.49</b>	<b>- 2.34</b>	<b>- 1.73</b>	<b>- 1.58</b>	<b>- 0.91</b>	<b>0.72</b>	<b>1.40</b>	<b>0.43</b>

# Appendix

**Table Five Implicit Price Deflators**

ACTIVITY SECTOR	2016					2017			
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	
<b>AGRICULTURE</b>									
1. Crop Production	126.01	124.57	125.03	130.94	126.78	134.86	136.10	136.53	
2. Livestock	158.77	154.83	156.51	162.25	158.28	163.77	163.96	164.02	
3. Forestry	136.57	134.52	136.02	142.79	137.64	144.97	145.05	145.07	
4. Fishing	167.85	137.96	139.57	144.60	148.37	164.05	170.97	177.82	
<b>MINING AND QUARRYING</b>									
5. Crude Petroleum and Natural Gas	55.57	67.29	112.85	156.06	94.62	158.90	163.94	181.78	
6. Coal Mining	110.45	112.43	118.11	124.50	115.65	129.13	130.49	130.96	
7. Metal Ores	110.45	112.43	118.11	124.50	114.31	129.13	130.49	130.96	
8. Quarrying and Other Minerals	108.16	110.92	116.15	122.86	116.94	137.89	143.65	145.89	
<b>MANUFACTURING</b>									
9. Oil Refining	128.30	132.12	133.61	139.77	134.29	141.87	142.23	142.36	
10. Cement	108.62	111.50	115.12	124.67	115.13	147.32	152.87	154.99	
11. Food, Beverage and Tobacco	146.05	146.45	148.15	154.87	148.99	160.32	162.08	162.70	
12. Textile, Apparel and Footwear	135.34	140.91	146.36	152.48	144.01	161.84	165.02	166.16	
13. Wood and Wood Products	131.57	139.72	140.35	147.15	139.70	152.49	154.09	154.65	
14. Pulp, Paper and Paper Products	128.93	133.74	139.13	147.30	137.49	161.54	166.86	168.87	
15. Chemical and Pharmaceutical Prod	127.46	126.78	127.34	136.15	129.41	143.30	146.00	146.97	
16. Non-Metallic Products	143.56	142.56	146.28	154.93	146.74	169.25	174.58	176.58	
17. Plastic and Rubber products	129.60	128.69	132.05	138.89	132.31	144.96	147.03	147.76	
18. Electrical and Electronics	152.02	121.72	124.64	131.60	131.43	140.78	144.06	145.25	
19. Basic metal , Iron and Steel	127.45	126.05	128.79	135.56	129.62	141.38	143.30	143.98	
20. Motor vehicles & assembly	126.95	133.54	152.72	160.62	141.18	192.17	203.85	208.69	
21. Other Manufacturing	126.08	124.64	128.28	134.76	128.43	139.87	141.47	142.03	
22. ELECTRICITY, GAS ,STEAM AND AIR CONDI	254.11	210.16	219.61	230.93	226.57	242.92	246.69	248.02	
23. WATER SUPPLY,SEWERAGE, WASTE MANF	113.06	135.36	136.99	141.93	132.29	148.96	151.57	152.50	
24. CONSTRUCTION	134.72	143.01	144.78	150.48	143.07	163.10	167.93	169.72	
25. TRADE	164.88	175.37	182.92	185.21	177.19	186.43	186.83	186.97	
26. ACCOMMODATION AND FOOD SERVICES	147.42	146.02	149.39	153.33	149.34	159.36	161.43	162.16	
<b>TRANSPORTATION AND STORAGE</b>									
27. Road Transport	186.25	198.28	205.52	208.70	200.01	216.63	219.55	220.58	
28. Rail Transport & Pipelines	169.00	170.55	178.09	183.98	176.73	185.63	185.90	186.00	
29. Water Transport	181.97	187.58	192.41	197.31	190.43	198.39	198.69	198.79	
30. Air Transport	150.63	153.92	160.03	163.38	157.36	170.45	172.93	173.80	
31. Transport Services	169.00	170.55	178.09	183.09	176.55	185.63	185.90	184.69	
32. Post and Courier Services	127.20	411.55	135.34	137.65	162.19	138.14	138.31	138.36	
<b>INFORMATION AND COMMUNICATION</b>									
33. Telecommunications & Informatio	137.13	140.12	142.51	143.48	140.90	144.11	144.31	144.38	
34. Publishing,	157.54	159.86	168.28	173.39	164.50	170.97	174.75	174.81	
34. Motion Pictures, Sound recording	157.17	161.49	166.12	170.09	163.39	170.97	171.07	171.10	
36. Broadcasting	157.17	161.49	166.12	170.09	163.45	170.97	171.07	171.10	
37.ARTS, ENTERTAINMENT AND RECREATION	157.17	161.49	166.12	170.09	163.31	170.97	171.07	171.10	
<b>FINANCIAL AND INSURANCE</b>									
38. Financial Institutions	164.88	175.37	182.92	185.21	177.26	186.43	186.83	186.97	
39. Insurance	164.88	175.37	182.92	185.21	177.02	186.43	186.83	186.97	
40. REAL ESTATE	159.54	166.25	172.96	178.71	170.09	182.04	182.95	183.26	
41. PROFESSIONAL, SCIENTIFIC AND TECHNIC	164.88	175.37	182.92	190.79	177.73	186.43	186.83	186.97	
42. ADMINISTRATIVE & SUPPORT SERVICES	164.88	175.37	182.92	190.79	177.57	186.43	186.83	186.97	
43. PUBLIC ADMINISTRATION	164.88	175.37	182.92	190.79	177.37	186.43	186.83	186.97	
44. EDUCATION	151.28	156.17	164.40	173.06	161.03	170.87	171.74	172.03	
45. HUMAN HEALTH AND SOCIAL SERVICES	147.49	156.07	160.26	164.57	156.74	164.67	165.46	165.73	
46. OTHER SERVICES	164.88	175.37	182.92	190.79	176.71	186.43	186.83	186.97	
GDP at 2010 constant price	139.46	145.19	151.16	160.15	149.40	164.76	165.48	165.45	

# Appendix

**Table Six Gross Domestic Product At Current Basic Prices Percentage Distribution**

ACTIVITY SECTOR	2016					2017		
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3
<b>AGRICULTURE</b>								
1. Crop Production	16.12	17.06	21.86	18.79	18.61	15.25	16.76	22.19
2. Livestock	2.09	1.86	1.63	1.85	1.85	1.87	1.75	1.58
3. Forestry	0.24	0.25	0.21	0.23	0.23	0.22	0.25	0.21
4. Fishing	0.74	0.49	0.41	0.47	0.52	0.66	0.51	0.46
<b>MINING AND QUARRYING</b>								
5. Crude Petroleum and Natural Gas	3.99	4.08	6.04	6.57	5.29	8.23	8.95	11.04
6. Coal Mining	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00
7. Metal Ores	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.00
8. Quarrying and Other Minerals	0.01	0.10	0.11	0.12	0.09	0.02	0.11	0.12
<b>MANUFACTURING</b>								
9. Oil Refining	0.15	0.24	0.41	0.27	0.27	0.15	0.25	0.21
10. Cement	0.68	0.65	0.61	0.63	0.64	0.80	0.75	0.71
11. Food, Beverage and Tobacco	4.33	4.20	3.88	3.84	4.04	4.23	4.16	3.86
12. Textile, Apparel and Footwear	2.10	1.98	1.96	1.97	2.00	2.17	2.02	2.01
13. Wood and Wood Products	0.30	0.28	0.25	0.26	0.27	0.30	0.27	0.26
14. Pulp, Paper and Paper Products	0.07	0.07	0.07	0.07	0.07	0.08	0.07	0.07
15. Chemical and Pharmaceutical Prod	0.21	0.21	0.19	0.18	0.19	0.20	0.21	0.19
16. Non-Metallic Products	0.40	0.34	0.33	0.30	0.34	0.40	0.38	0.36
17. Plastic and Rubber products	0.33	0.29	0.27	0.26	0.29	0.31	0.30	0.28
18. Electrical and Electronics	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01
19. Basic metal , Iron and Steel	0.23	0.22	0.21	0.21	0.22	0.22	0.22	0.21
20. Motor vehicles & assembly	0.07	0.05	0.05	0.04	0.05	0.06	0.06	0.05
21. Other Manufacturing	0.47	0.37	0.37	0.34	0.38	0.40	0.33	0.33
22. ELECTRICITY, GAS ,STEAM AND AIR CONDI	0.37	0.47	0.48	0.70	0.52	0.28	0.66	0.54
23. WATER SUPPLY,SEWERAGE, WASTE MANA	0.12	0.17	0.14	0.11	0.14	0.15	0.17	0.14
24. CONSTRUCTION	4.00	4.21	2.97	3.22	3.55	4.14	4.32	3.12
25. TRADE	21.57	21.10	19.85	19.34	20.37	20.20	19.27	17.96
26. ACCOMMODATION AND FOOD SERVICES	1.21	0.67	0.86	0.93	0.91	1.08	0.61	0.84
<b>TRANSPORTATION AND STORAGE</b>								
27. Road Transport	1.36	1.37	1.35	1.29	1.34	1.52	1.22	1.22
28. Rail Transport & Pipelines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29. Water Transport	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
30. Air Transport	0.10	0.08	0.10	0.09	0.09	0.10	0.08	0.10
31. Transport Services	0.05	0.08	0.09	0.09	0.08	0.05	0.08	0.09
32. Post and Courier Services	0.03	0.03	0.03	0.02	0.03	0.03	0.01	0.01
<b>INFORMATION AND COMMUNICATION</b>								
33. Telecommunications & Informatio	8.71	9.40	7.51	8.18	8.40	8.04	8.27	6.47
34. Publishing,	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02
34. Motion Pictures, Sound recording	1.47	1.26	1.03	1.04	1.18	1.41	1.11	0.93
35. Broadcasting	2.06	1.89	1.34	1.58	1.70	1.95	1.84	1.26
37. ARTS, ENTERTAINMENT AND RECREATION	0.30	0.26	0.20	0.20	0.24	0.31	0.23	0.19
<b>FINANCIAL AND INSURANCE</b>								
38. Financial Institutions	3.23	3.05	3.08	2.91	3.05	3.13	3.16	2.65
39. Insurance	0.49	0.61	0.43	0.43	0.49	0.48	0.59	0.39
40. REAL ESTATE	7.42	8.62	8.21	8.51	8.22	7.01	7.97	7.52
41. PROFESSIONAL, SCIENTIFIC AND TECHNIC	4.23	4.42	4.65	4.44	4.44	4.14	4.03	4.22
42. ADMINISTRATIVE & SUPPORT SERVICES	0.02	0.03	0.03	0.02	0.03	0.02	0.02	0.02
43. PUBLIC ADMINISTRATION	2.76	2.94	2.56	2.74	2.74	2.61	2.77	2.34
44. EDUCATION	2.32	2.01	2.43	2.78	2.41	2.26	1.90	2.27
45. HUMAN HEALTH AND SOCIAL SERVICES	0.74	0.79	0.72	0.70	0.73	0.72	0.72	0.67
46. OTHER SERVICES	4.84	3.72	3.03	4.22	3.93	4.76	3.53	2.84
<b>GDP at 2010 constant price</b>	<b>100.00</b>							

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# Appendix

**Table Seven: Gross Domestic Product At 2010 Basic Prices Percentage Distribution**

ACTIVITY SECTOR	2016					Total	2017		
	Q1	Q2	Q3	Q4	Q1		Q2	Q3	
<b>AGRICULTURE</b>									
1. Crop Production	17.84	19.88	26.43	22.98	21.93	18.63	20.38	26.90	
2. Livestock	1.84	1.74	1.58	1.83	1.74	1.89	1.77	1.59	
3. Forestry	0.25	0.27	0.23	0.26	0.25	0.25	0.28	0.23	
4. Fishing	0.62	0.51	0.45	0.53	0.52	0.66	0.50	0.43	
<b>MINING AND QUARRYING</b>									
5. Crude Petroleum and Natural Gas	10.02	8.79	8.09	6.75	8.35	8.53	9.04	10.04	
6. Coal Mining	0.01	0.01	0.00	0.01	0.01	0.02	0.01	0.00	
7. Metal Ores	0.01	0.01	0.01	0.00	0.01	0.02	0.01	0.01	
8. Quarrying and Other Minerals	0.02	0.13	0.14	0.15	0.11	0.02	0.13	0.14	
<b>MANUFACTURING</b>									
9. Oil Refining	0.17	0.26	0.46	0.31	0.30	0.17	0.29	0.25	
10. Cement	0.87	0.85	0.80	0.81	0.83	0.89	0.81	0.75	
11. Food, Beverage and Tobacco	4.14	4.17	3.95	3.97	4.05	4.35	4.25	3.92	
12. Textile, Apparel and Footwear	2.17	2.04	2.02	2.07	2.07	2.21	2.02	2.00	
13. Wood and Wood Products	0.32	0.29	0.27	0.28	0.29	0.33	0.29	0.27	
14. Pulp, Paper and Paper Products	0.08	0.08	0.08	0.07	0.08	0.08	0.07	0.07	
15. Chemical and Pharmaceutical Prod	0.23	0.25	0.22	0.21	0.22	0.23	0.24	0.22	
16. Non-Metallic Products	0.39	0.35	0.34	0.31	0.35	0.39	0.36	0.34	
17. Plastic and Rubber products	0.35	0.33	0.31	0.30	0.32	0.35	0.33	0.31	
18. Electrical and Electronics	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
19. Basic metal, Iron and Steel	0.25	0.25	0.24	0.25	0.25	0.25	0.25	0.24	
20. Motor vehicles & assembly	0.07	0.06	0.05	0.04	0.06	0.05	0.05	0.04	
21. Other Manufacturing	0.52	0.43	0.44	0.41	0.45	0.47	0.38	0.39	
22. ELECTRICITY, GAS, STEAM AND AIR COND	0.20	0.33	0.33	0.49	0.34	0.19	0.44	0.36	
23. WATER SUPPLY, SEWERAGE, WASTE MAN	0.14	0.18	0.16	0.13	0.15	0.16	0.19	0.16	
24. CONSTRUCTION	4.14	4.28	3.10	3.42	3.71	4.18	4.25	3.04	
25. TRAVEL	18.25	17.47	16.40	16.73	17.18	17.85	17.07	15.90	
26. ACCOMMODATION AND FOOD SERVICES	1.15	0.66	0.87	0.97	0.91	1.11	0.63	0.86	
<b>TRANSPORTATION AND STORAGE</b>									
27. Road Transport	1.02	1.00	0.99	0.99	1.00	1.16	0.92	0.92	
28. Rail Transport & Pipelines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
29. Water Transport	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.01	
30. Air Transport	0.09	0.08	0.09	0.09	0.09	0.09	0.08	0.09	
31. Transport Services	0.04	0.07	0.08	0.08	0.07	0.04	0.07	0.08	
32. Post and Courier Services	0.04	0.01	0.03	0.03	0.03	0.04	0.01	0.02	
<b>INFORMATION AND COMMUNICATION</b>									
33. Telecommunications & Informatio	8.85	9.74	7.97	9.13	8.91	9.19	9.49	7.41	
34. Publishing	0.03	0.03	0.02	0.02	0.03	0.03	0.03	0.02	
34. Motion Pictures, Sound recording	1.30	1.13	0.94	0.98	1.08	1.36	1.07	0.90	
35. Broadcasting	1.83	1.70	1.22	1.49	1.55	1.88	1.78	1.22	
37. ARTS, ENTERTAINMENT AND RECREATION	0.26	0.23	0.19	0.19	0.22	0.30	0.23	0.18	
<b>FINANCIAL AND INSURANCE</b>									
38. Financial Institutions	2.73	2.52	2.54	2.51	2.57	2.77	2.80	2.34	
39. Insurance	0.41	0.50	0.36	0.38	0.41	0.42	0.52	0.35	
40. REAL ESTATE	6.48	7.53	7.18	7.63	7.22	6.34	7.21	6.79	
41. PROFESSIONAL, SCIENTIFIC AND TECHN	3.57	3.66	3.84	3.84	3.73	3.66	3.57	3.74	
42. ADMINISTRATIVE & SUPPORT SERVICES	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
43. PUBLIC ADMINISTRATION	2.34	2.43	2.12	2.37	2.31	2.31	2.45	2.07	
44. EDUCATION	2.14	1.87	2.24	2.64	2.24	2.18	1.83	2.18	
45. HUMAN HEALTH AND SOCIAL SERVICES	0.70	0.74	0.68	0.69	0.70	0.72	0.72	0.66	
46. OTHER SERVICES	4.10	3.08	2.51	3.65	3.32	4.20	3.13	2.52	
GDP at 2010 constant price	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	

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# Appendix

**Table Eight: Quarterly Contribution to Gross Domestic Product (%), at 2010 Constant Basic Prices**

CONTRIBUTION TO GDP	2016					2017		
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3
AGRICULTURE	20.54	22.42	28.68	25.60	24.45	21.43	22.93	29.15
INDUSTRIES	24.09	23.10	21.02	19.98	21.96	22.90	23.43	22.56
SERVICES	55.37	54.48	50.30	54.42	53.59	55.67	53.64	48.28
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
NON OIL	89.98	91.21	91.91	93.25	91.65	91.47	90.96	89.96
OIL	10.02	8.79	8.09	6.75	8.35	8.53	9.04	10.04
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

**Table Nine: Quarterly Real Growth Rate by Sector (%) Year-on-Year**

GROWTH	2016					2017		
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3
AGRICULTURE	3.09	4.53	4.54	4.03	4.11	3.39	3.01	3.06
INDUSTRIES	-6.68	-7.19	-12.66	-8.73	-8.85	-5.83	2.17	8.83
SERVICES	0.80	-1.25	-1.17	-1.52	-0.82	-0.37	0.85	2.66
REAL GROWTH RATE AT BASIC PRICE	-0.67	-1.49	-2.34	-1.73	-1.58	-0.91	0.72	1.40
REAL GROWTH RATE AT MARKET PRICE	-0.72	-1.65	-2.38	-1.63	-1.62	-1.04	0.78	1.43
NON OIL GROWTH RATE	-0.18	-0.38	0.03	0.33	0.22	0.72	0.45	0.76
OIL GROWTH RATE	-4.81	-11.63	-23.04	-17.70	-14.45	-15.60	3.53	25.89

**Table Ten: Annual Real Contribution & Growth Rate by Sector (%) Year-on-Year**

CONTRIBUTION TO GDP	2012	2013	2014	2015	2016
AGRICULTURE	23.91	23.33	22.91	23.11	24.45
INDUSTRIES	25.61	24.81	24.93	23.71	21.96
SERVICES	50.48	51.86	52.16	53.18	53.59
	100	100	100	100	100
GROWTH	2012	2013	2014	2015	2016
AGRICULTURE	6.70	2.94	4.27	3.72	4.11
INDUSTRIES	2.43	2.16	6.76	2.24	-8.85
SERVICES	3.97	8.38	6.85	4.78	-0.82
REAL GROWTH RATE AT BASIC PRICE	4.21	5.49	6.22	2.79	-1.58
REAL GROWTH RATE AT MARKET PRICE	4.28	5.39	6.31	2.65	-1.62
NON OIL GROWTH RATE	5.81	8.42	7.18	3.75	-0.22
OIL GROWTH RATE	-4.95	-13.07	-1.32	-5.45	-14.45

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