



NATIONAL BUREAU OF STATISTICS

# Nigerian Gross Domestic Product Report

(Q3 2019)



**Report Date: November 2019**

*Data Source: National Bureau of Statistics*

# Content

<b>Preface</b> .....	1
Introduction .....	2
Overview of GDP in Third Quarter 2019 .....	3
Oil Sector .....	4
Non-Oil Sector .....	5
Major Economic Sectors: Q3 2019 .....	8
<b>Methodology</b> .....	81
<b>Appendix</b> .....	90
<b>Acknowledgements/Contact</b> .....	96

# Preface

This publication provides data on Quarterly Gross Domestic Product (GDP) estimates for the four quarters of 2018, the annual figure for 2018, as well as the first, second and third quarters of 2019.

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, 2019.

# 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 quarter of the succeeding year.

In 2018, the National Bureau of Statistics (NBS) conducted the Quarterly Establishment Surveys for the first three quarters of 2018 (Q1-Q3/ 2018), while the fourth quarter survey for 2018, as well as the first, second and third quarter surveys for 2019 were conducted in 2019. These surveys produced the data that was used for the compilation of the quarterly GDP for the four quarters of 2018(Q1 - Q4, 2018), as well as the first, second and third quarters of 2019.

In subsequent sections of this report, emphasis will be given to the composition of GDP in the third quarter of 2019 and the corresponding quarter in 2018. We will also be looking at the immediate past preceding quarter of 2019, i.e Q2 2019.



# Overview of GDP in Q3 2019

Nigeria's Gross Domestic Product (GDP) grew by 2.28%(year-on-year), in real terms, in the third quarter of 2019. Compared to the third quarter of 2018 which recorded a growth of 1.81%, the real GDP growth rate observed in the third quarter of 2019 indicates an increase of 0.47% points. Relative to the second quarter of 2019, which recorded a growth rate of 2.12%, Q3 2019 represents an increase of 0.17% points.\* On a quarter on quarter basis, however, real GDP grew by 9.23%. The growth rate in Q3 2019 represents the second highest quarterly rate recorded since 2016.

In the quarter under review, aggregate GDP stood at N37,806,924.41 million in nominal terms. This performance is higher compared to the aggregate of N33,368,049.14 million recorded in the third quarter of 2018, representing a year on year nominal growth rate of 13.30%. The growth rate is, however, lower relative to rates recorded in the third quarter of 2018 by -0.28% points and the rates recorded in the preceding quarter by -0.71% points. For better clarity, the Nigerian economy has been classified broadly into the oil and non-oil sectors.(Figure 1):

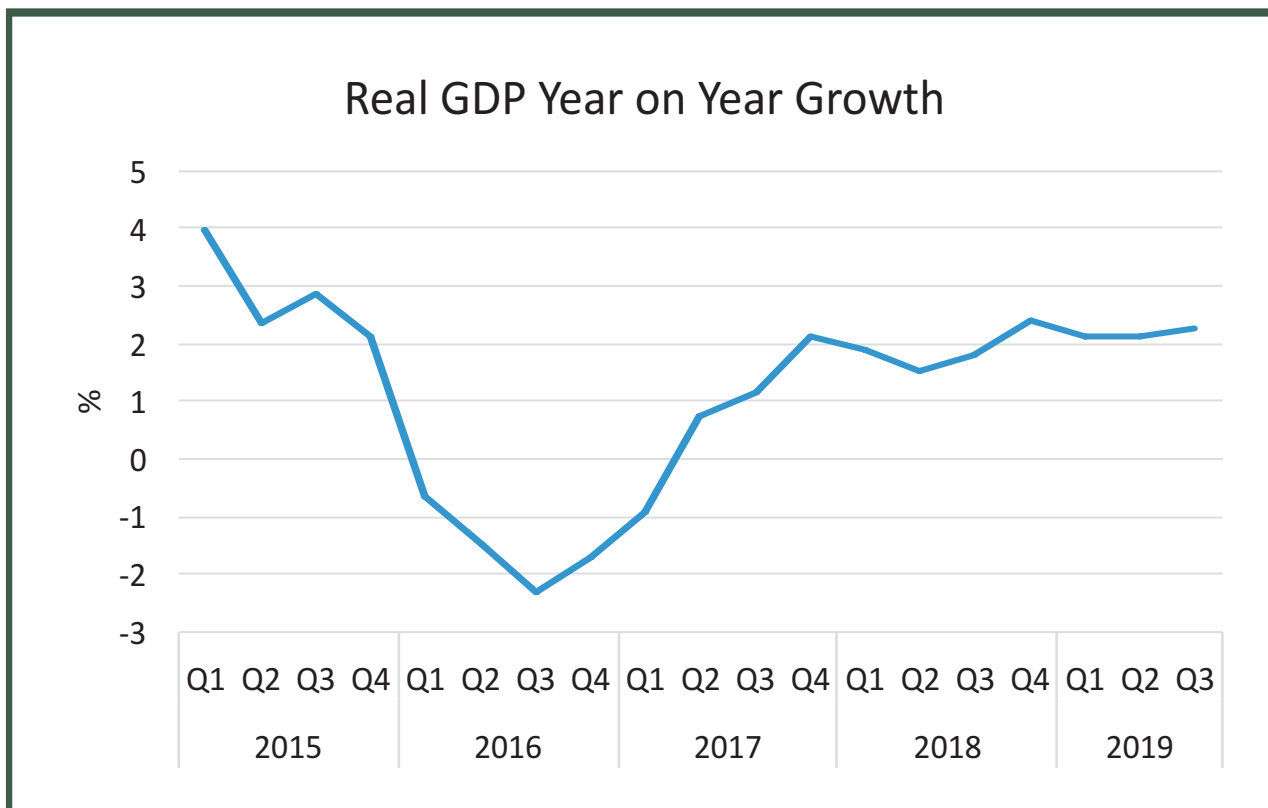


Figure1: Real GDP Growth

\*Note: In this report, data on oil production in Q2 2019 has been updated. As a result, estimates of oil sector GDP, aggregate GDP and GDP growth rates for Q2 2019 have been revised in this report.

# The Oil Sector

In Q3 2019, Nigeria recorded average daily oil production of 2.04 million barrels per day (mbpd), its highest in more than three years. This output was 0.1mbpd higher than the daily average production of 1.94mbpd recorded in the same quarter of 2018, and 0.02mbpd higher than the revised oil production levels in Q2 2019 of 2.02mbpd. (Figure2).

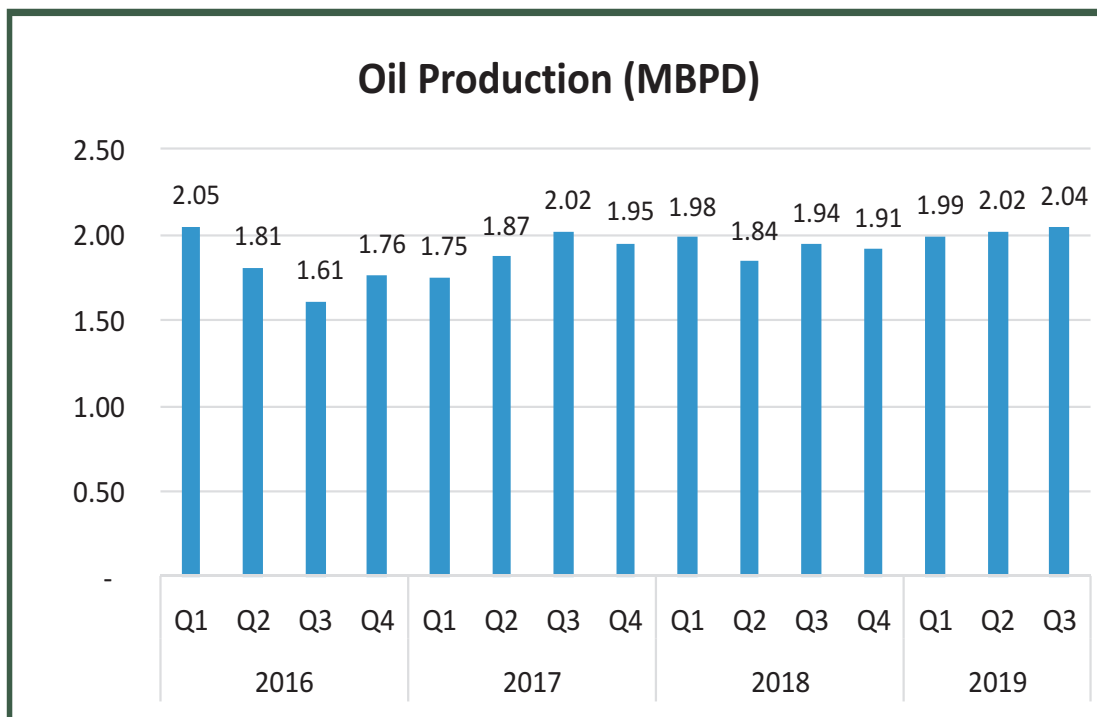


Figure 2: Crude Oil Output (MBPD)

Real growth of the oil sector was 6.49% (year-on-year) in Q3 2019 indicating an increase of 9.40% points relative to rate recorded in the corresponding quarter of 2018. The rate was lower by -0.68% points when compared to Q2 2019 which was 7.17%.\* Quarter-on-Quarter, the oil sector recorded a growth rate of 18.88% in Q3 2019. The sector contributed 9.77% to total real GDP in Q3 2019, up from figures recorded in the corresponding period of 2018 as well as the preceding quarter, when it accounted for 9.38% and 8.98% respectively.

## The Non-Oil Sector

The non-oil sector grew by 1.85% in real terms during the reference quarter. This is -0.48% points lower when compared to the rate recorded in the same quarter of 2018 but 0.20% points higher than the second quarter of 2019. During the quarter, the sector was driven mainly by the Information and Communication sector. Other drivers were Agriculture, Mining and Quarrying, Transportation and Storage, and Manufacturing. In real terms, the Non-Oil sector contributed 90.23% to the nation's GDP, slightly lower than the share recorded in the third quarter of 2018 (90.62%), and in the second quarter of 2019 (91.02%).

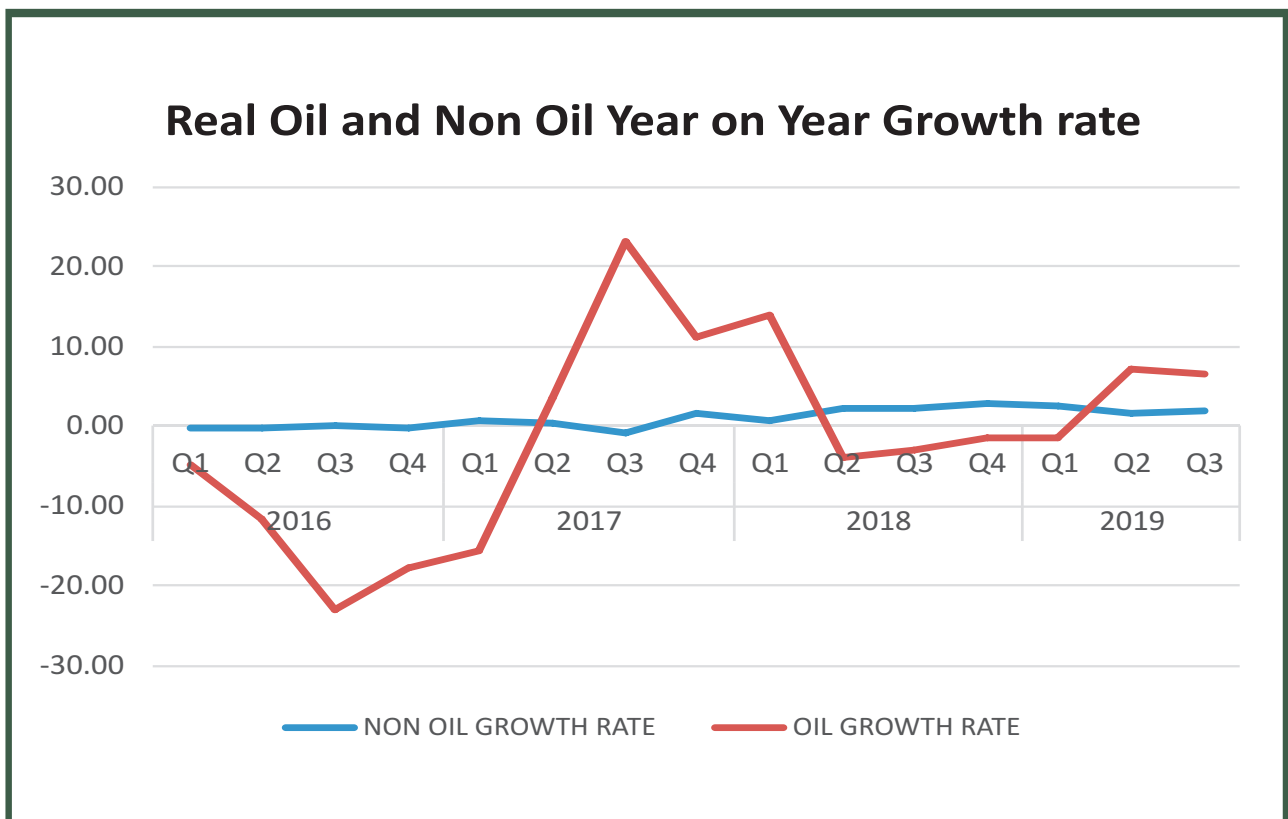


Figure 3: Crude Oil and Non-Oil Growth

# GDP REPORT Q3 2019

## REAL QUARTERLY GDP GROWTH FOR Q3 2019 AT

# 2.28%

(FROM 2.12% IN Q2 2019)

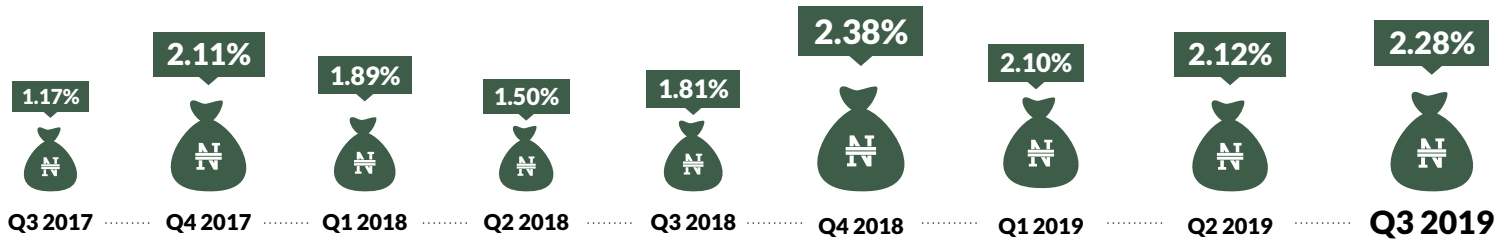
NOTE: Q2 2019 GDP Figure Has Been Revised

NOMINAL GDP  
(Q3 2019)

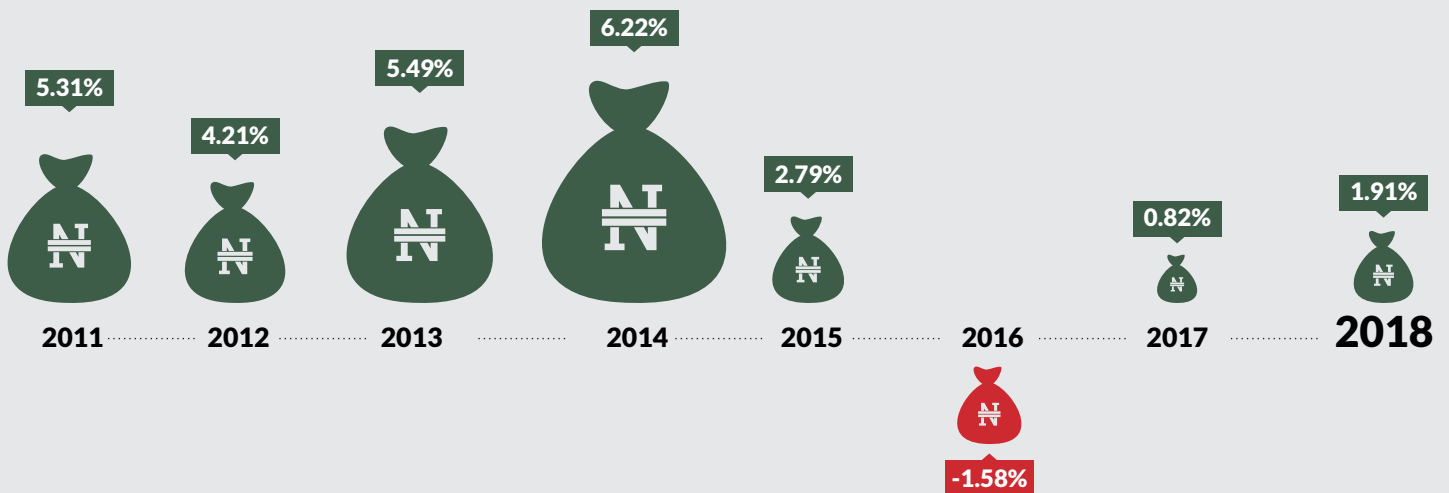
**N37.81 trillion**

REAL GDP  
(Q3 2019)

**N18.49 trillion**



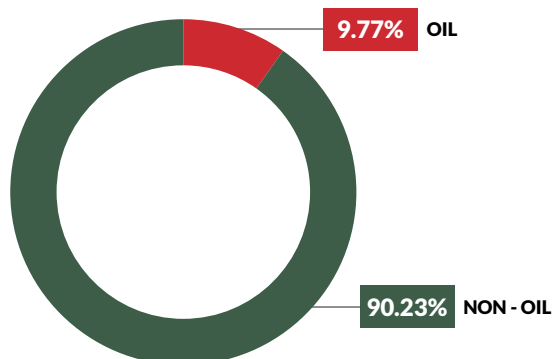
## YEARLY GDP GROWTH RATE





# GDP REPORT Q3 2019

## CONTRIBUTION OF OIL AND NON-OIL SECTORS



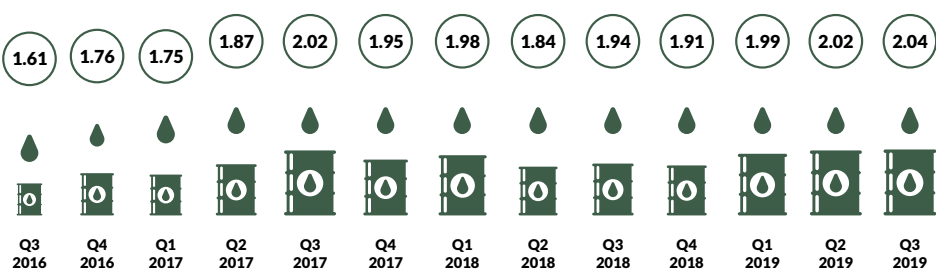
## CONTRIBUTION OF OIL AND NON-OIL SECTORS

NON-OIL GDP						
Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019
90.45	91.45	90.62	92.94	90.78	91.02	90.23

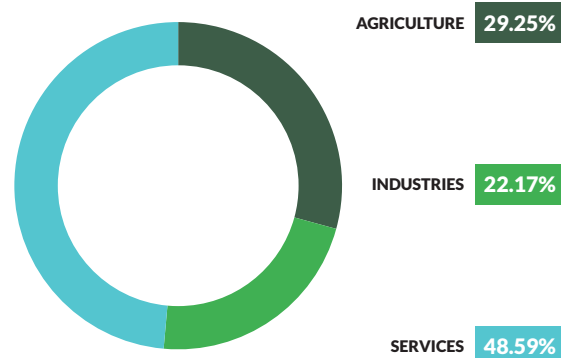
  

OIL GDP						
Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019
9.55	8.55	9.38	7.06	9.22	8.98	9.77

## OIL PRODUCTION (MBPD)



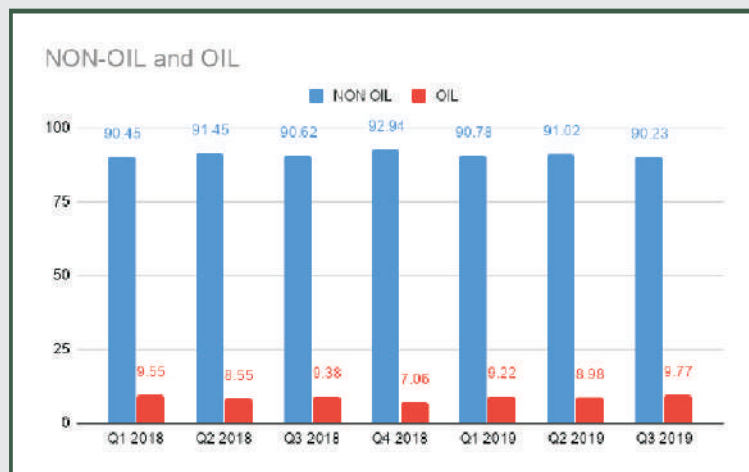
## CONTRIBUTION TO REAL GDP Q3 2019 (%)



## SHARE OF AGRICULTURE, INDUSTRY AND SERVICES



## SHARE OF OIL AND NON-OIL SECTORS



# Major Economic Sectors: Q3 2019

## Mining & Quarrying

The Mining & Quarrying sector consists of Crude Petroleum and Natural Gas, Coal Mining, Metal ore and Quarrying and other Minerals sub-activities. In nominal terms, this sector grew by 5.98% (year on year) in Q3 2019. Quarrying and other minerals exhibited the highest growth rate of all the sub-activities at 58.03%, followed by coal at 43.68%. However, Crude Petroleum and Natural gas remains the main contributor to the sector, accounting for 97.11% of the sector output. Comparing the Q3 2019 growth rate against the Q3 2018 and Q2 2019 growth rates shows a drop of -3.56% points and 22.80% points increment respectively. The Mining & Quarrying sector contributed 9.87% to overall GDP in the third quarter of 2019, lower than the contributions recorded in Q3 2018 of 10.55% but higher than the previous quarter's 8.99%.

In real terms, the Mining and Quarrying sector grew by 6.19% (year-on-year) in the third quarter of 2019. Compared to the same quarter of 2018, it was higher by 9.00% points and lower by -0.82% points relative to second quarter 2019. Quarter on quarter, growth rate recorded was 18.50%.

The contribution of Mining and Quarrying to Real GDP in the quarter under review stood at 9.90%, higher than the rate of 9.53% recorded in the corresponding quarter of 2018 and the 9.12% recorded in the second quarter of 2019.



Figure 4: Mining and Quarrying real growth

# GDP REPORT Q3 2019

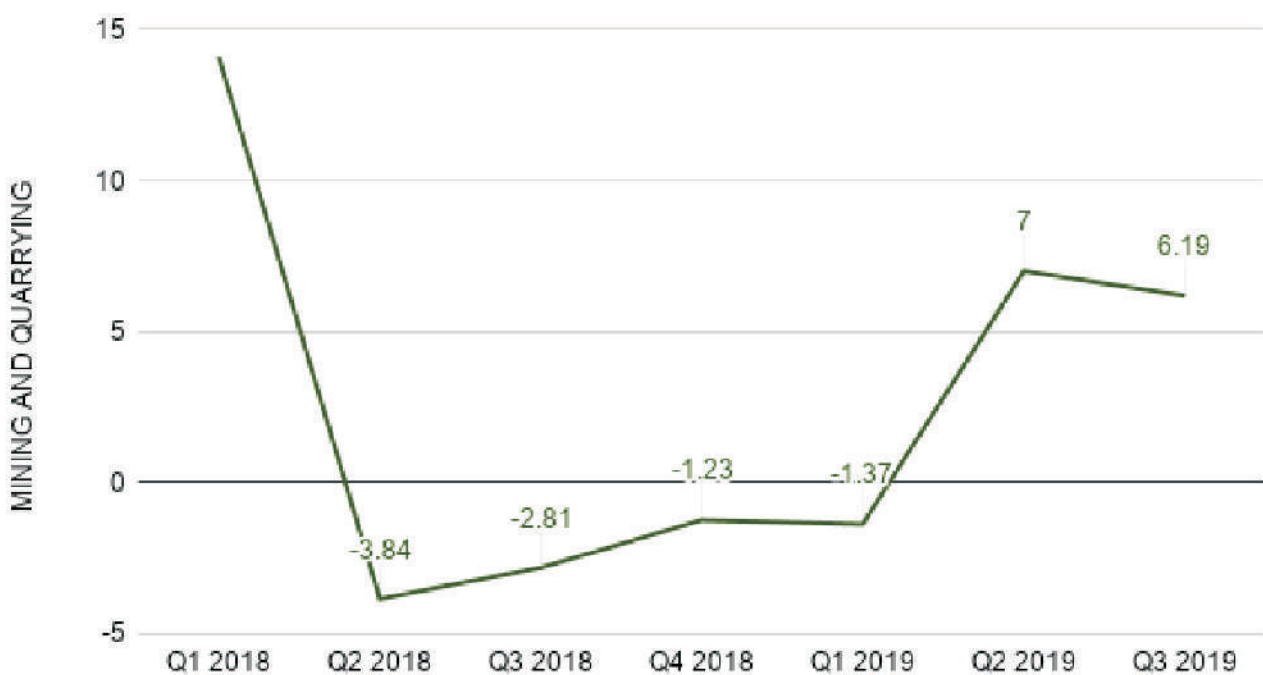
## Mining and Quarrying Sector: Q1 2018 - Q3 2019

### Mining and Quarrying sector



Mining and Quarrying sector grew by 6.19% in Q3 2019 from 7.00% in Q2 2019 and -2.81% in Q3 2018.

#### MINING AND QUARRYING



# GDP REPORT Q3 2019

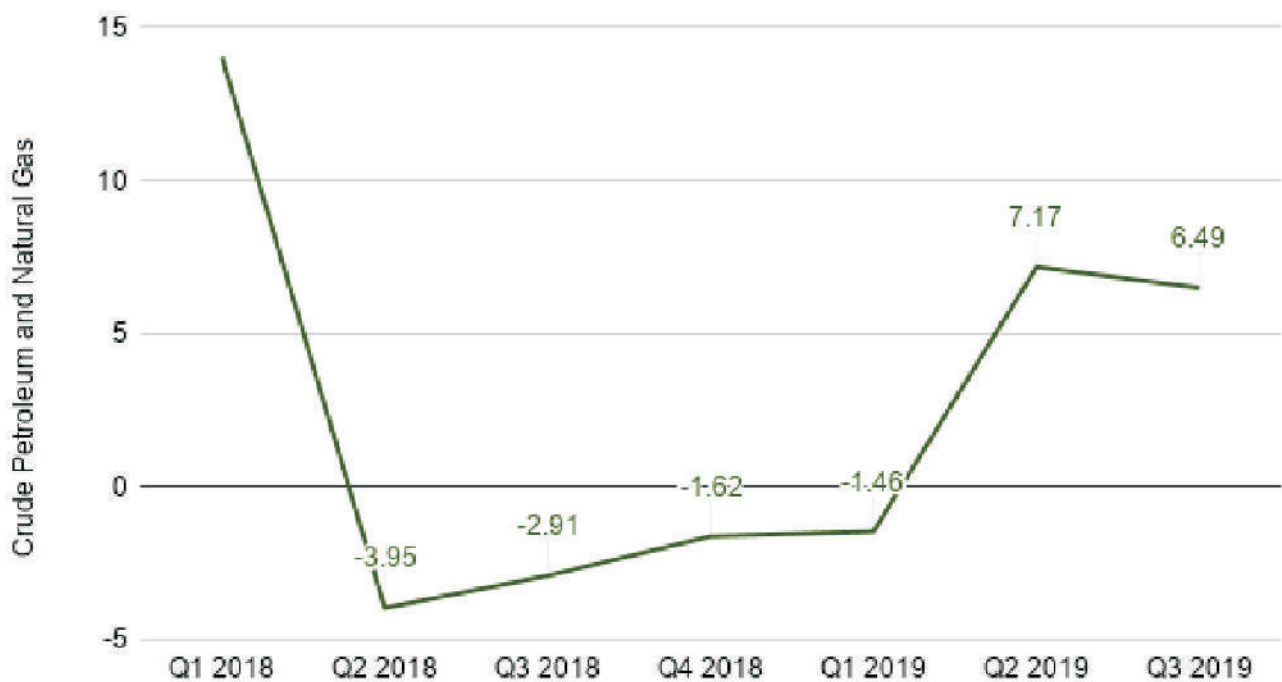
## Crude Petroleum and Natural Gas: Q1 2018 – Q3 2019

### Crude Petroleum



Crude Petroleum and Natural Gas under Mining And Quarrying sector grew by 6.49% in Q3 2019 from 7.17% in Q2 2019 and -2.91% in Q3 2018.

Crude Petroleum and Natural Gas



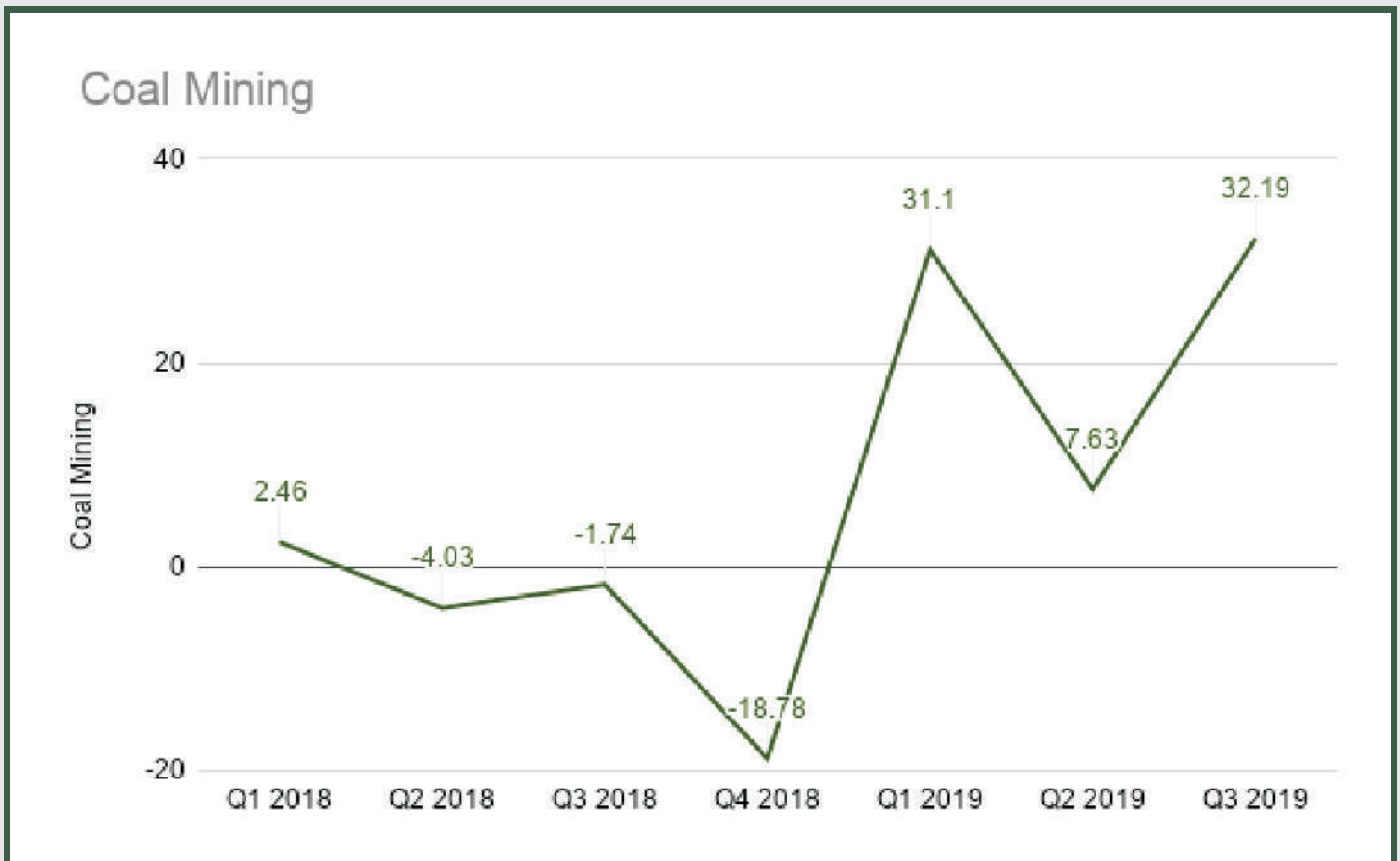
# GDP REPORT Q3 2019

## Coal Mining : Q1 2018 - Q3 2019

### Coal Mining



Coal Mining under Mining And Quarrying sector grew by 32.19% in Q3 2019 from 7.63% in Q2 2019 and -1.74% in Q3 2018.



# GDP REPORT Q3 2019

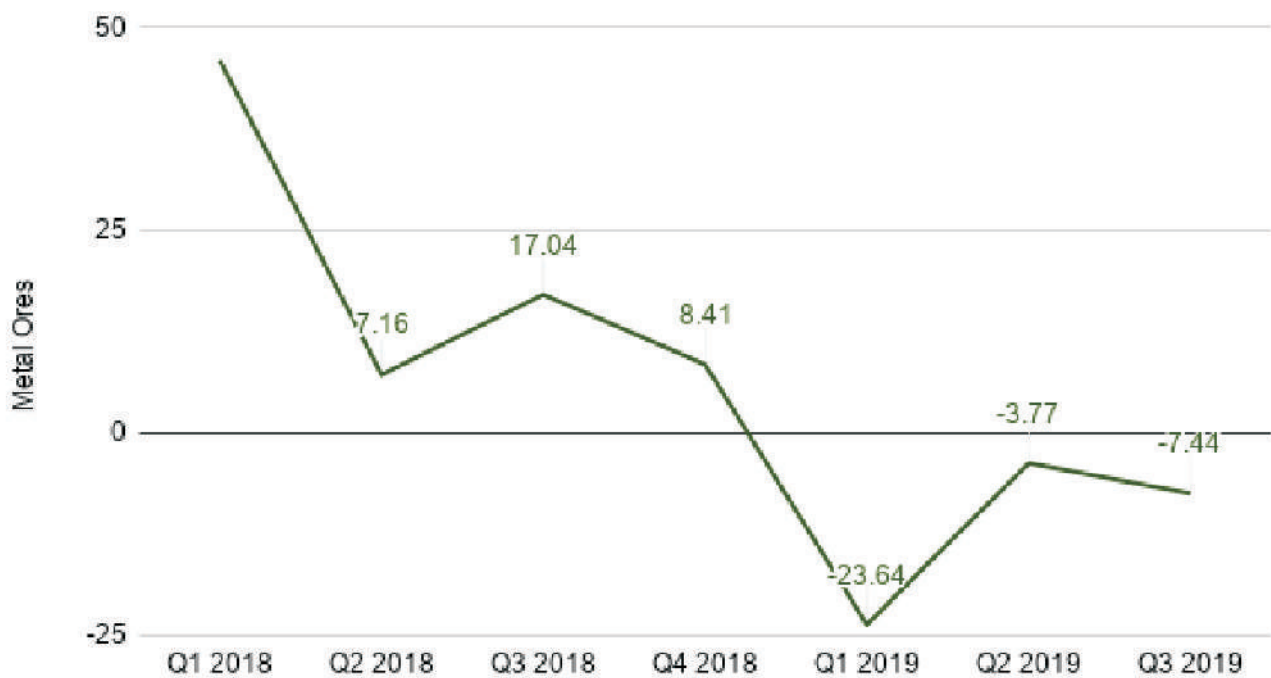
## Metal Ores Sector: Q1 2018 – Q3 2019

### Metal Ores



Metal Ores under Mining And Quarrying sector contracted by -7.44% in Q3 2019 from -3.77% in Q2 2019 and 17.04% in Q3 2018.

Metal Ores





# GDP REPORT Q3 2019

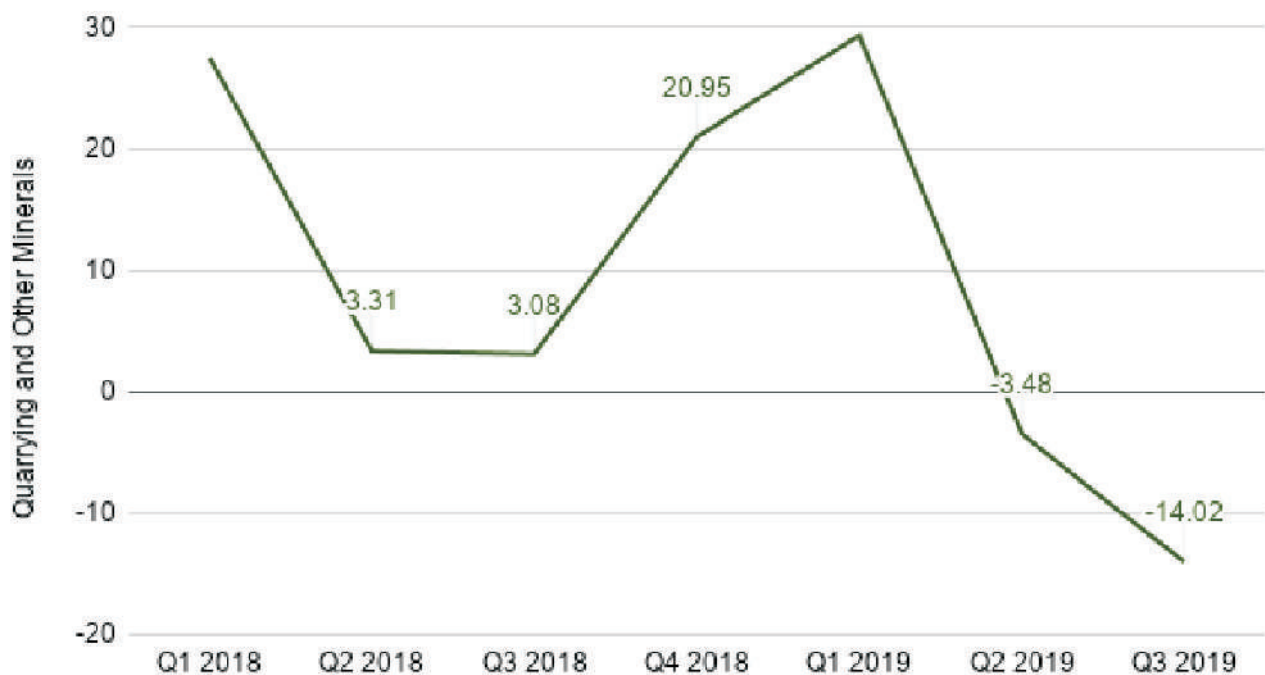
## Quarrying and Other Minerals: Q1 2018 - Q3 2019

### Quarrying and Other Minerals



Quarrying and Other Minerals under Mining And Quarrying sector contracted by -14.02% in Q3 2019 from -3.48% in Q2 2019 and 3.08% in Q3 2018.

Quarrying and Other Minerals



# Agriculture

Four sub-activities make up the Agricultural sector: Crop Production, Livestock, Forestry and Fishing. sector grew by 14.88% year-on-year in nominal terms in Q3 2019, showing a decline of –3.44% points from the same quarter of 2018. Compared to the preceding quarter’s growth rate of 17.76%, this represents a decline of –2.89% points. Crop Production remained the largest driver of the sector, accounting for 91.6% of sector In the third quarter of 2019. Quarter on Quarter growth stood at 44.12%. Agriculture contributed 25.88% to nominal GDP during the quarter, higher than the rates recorded for the third quarter of 2018 and the second quarter of 2019 which recorded 25.52% and 19.39% respectively.

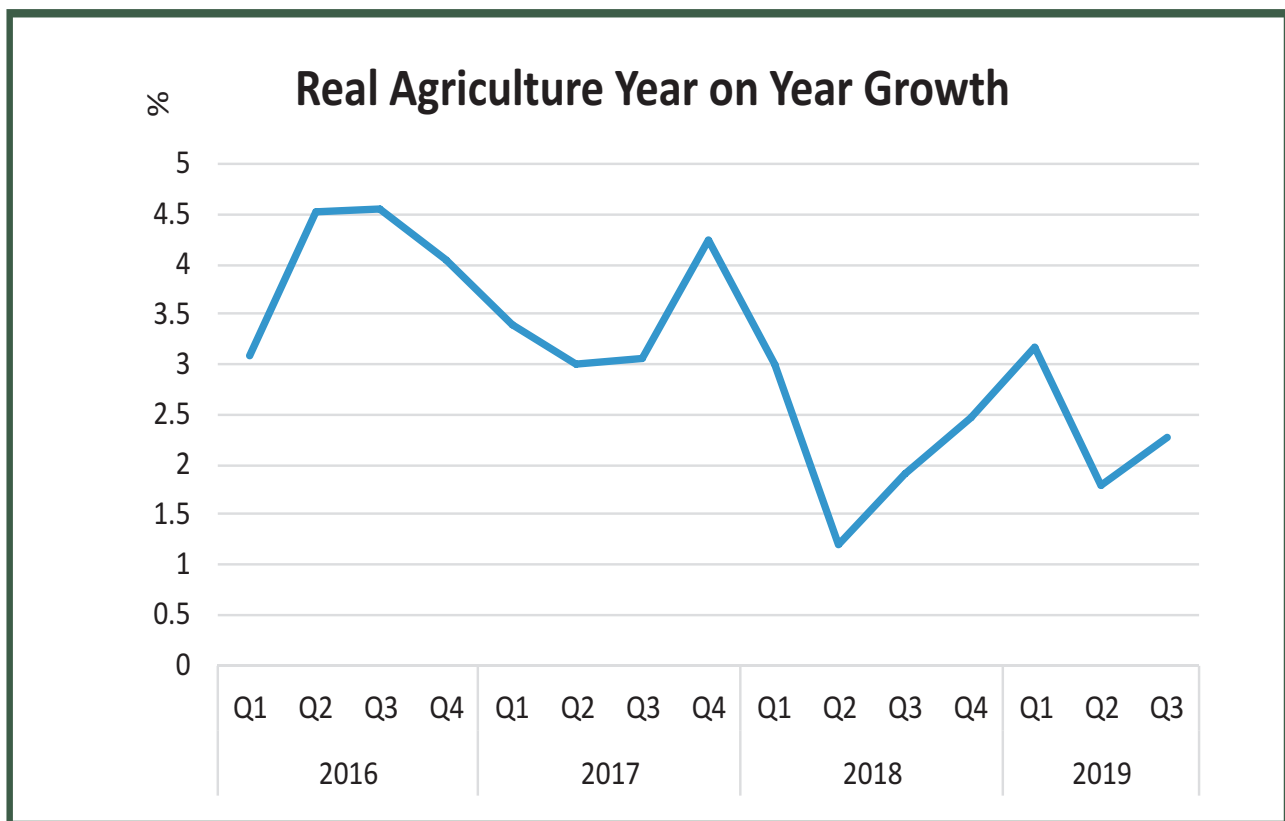


Figure 5: Agriculture real growth

In real terms, the agricultural sector grew by 2.28% (year-on-year) in the third quarter of 2019, an increase by 0.37% points from the corresponding period of 2018, and 0.49% points from the preceding quarter which recorded a growth rate of 1.79%.

In terms of contribution, the sector contributed 29.25% to overall real GDP during the quarter, same as contribution in the third quarter of 2018 but higher than the second quarter of 2019 which stood at 22.78%. Compared to the second quarter of 2019, the contribution in Q3 2019 rose 6.46% points.

# GDP REPORT Q3 2019

Agriculture: Q1 2018 – Q3 2019

## Agriculture sector



Agriculture sector grew by 2.28% in Q3 2019 from 1.79% in Q2 2019 and 1.91% in Q3 2018.

### AGRICULTURE



# GDP REPORT Q3 2019

## Crop Production: Q1 2018 – Q3 2019

### Crop Production



Crop production under agriculture sector grew by 2.41% in Q3 2019 from 1.94% in Q2 2019 and 1.87% in Q3 2018.

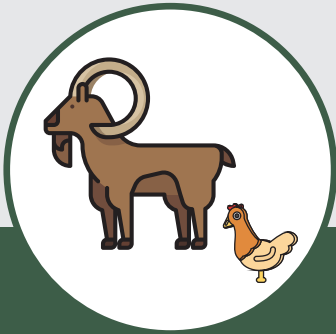
Crop Production



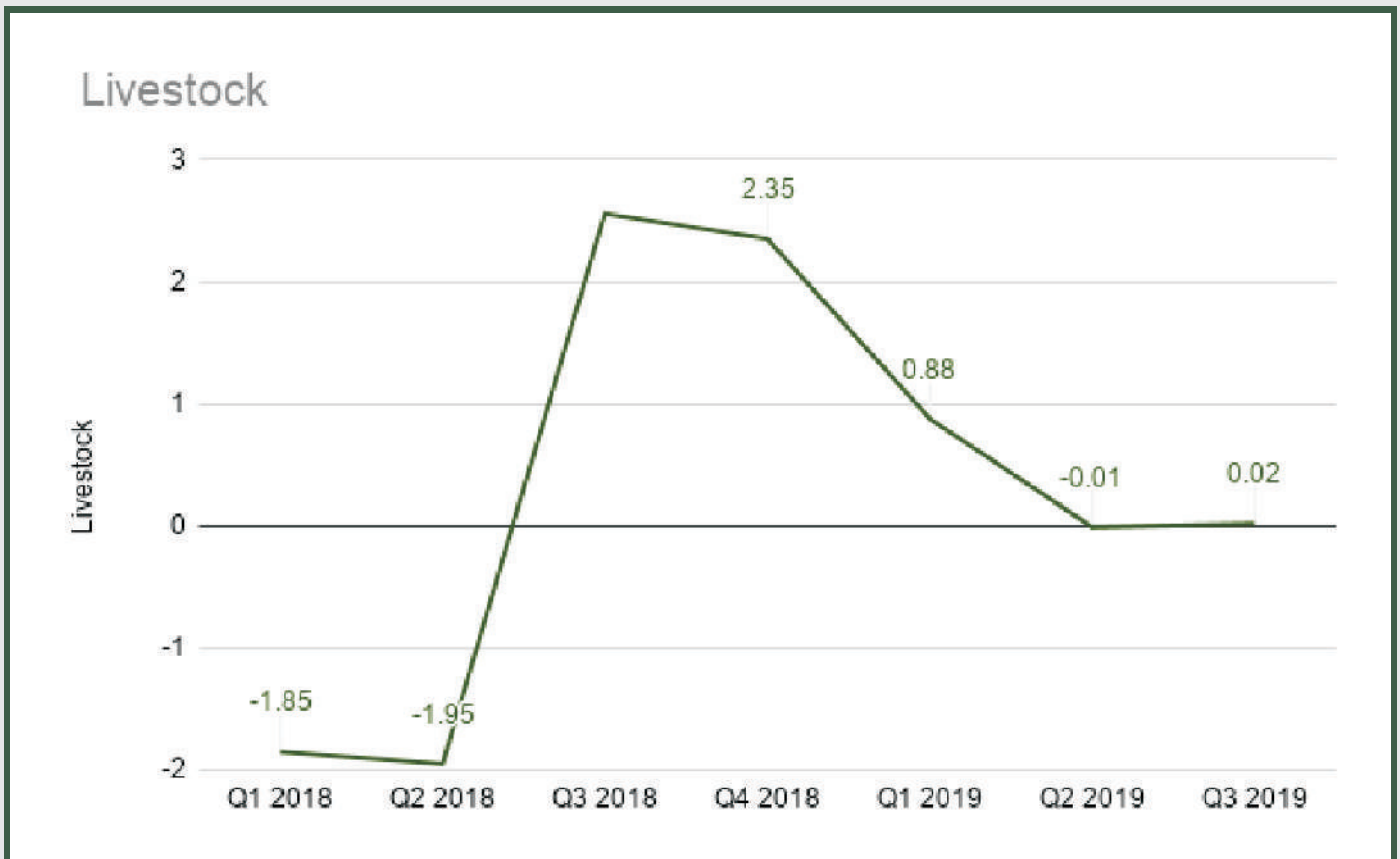
# GDP REPORT Q3 2019

## Livestock: Q1 2018 – Q3 2019

### Livestock



Livestock under agriculture sector grew by 0.02% in Q3 2019 from -0.01% in Q2 2019 and 2.56% in Q3 2018.



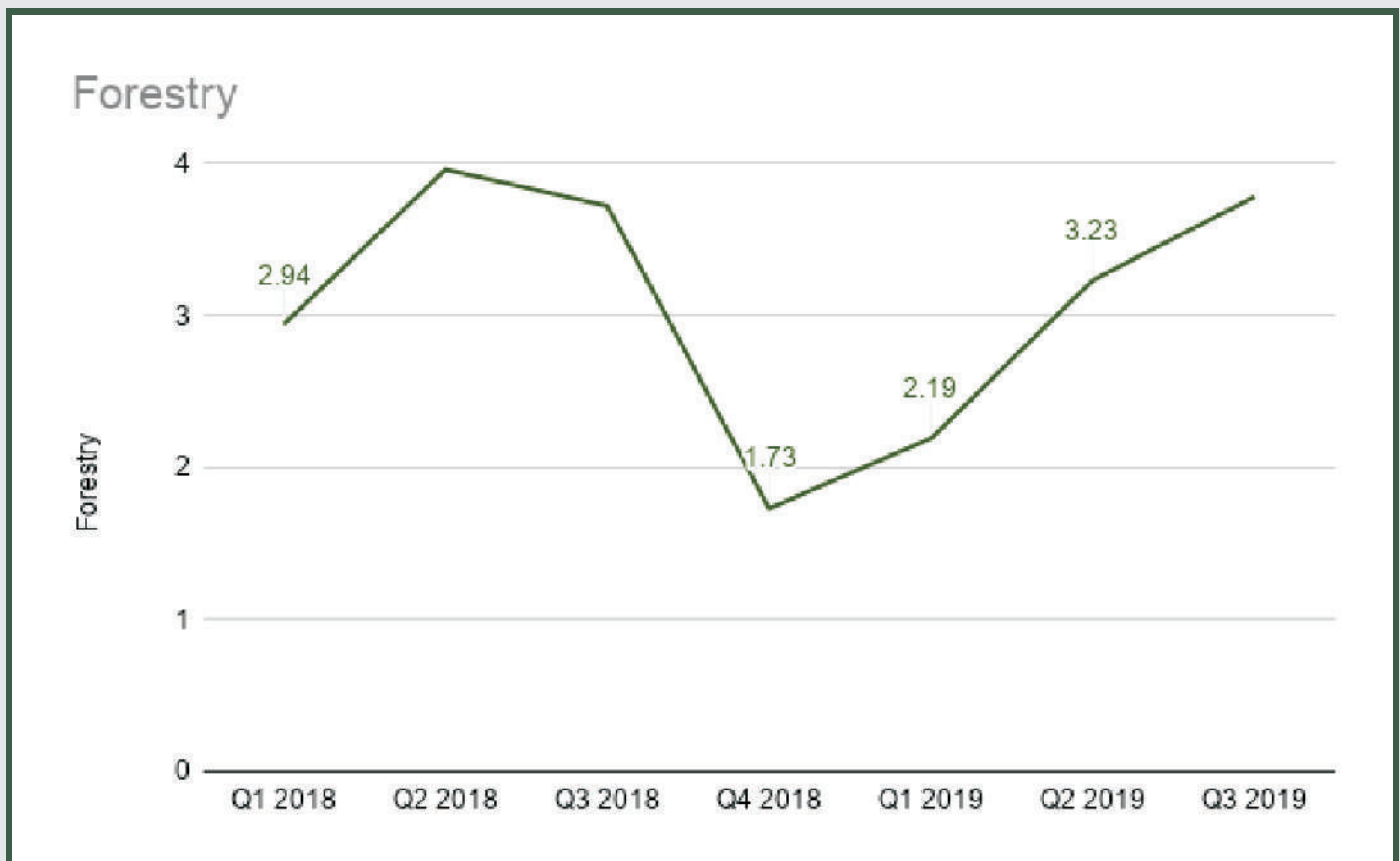
# GDP REPORT Q3 2019

## Forestry: Q1 2018 – Q3 2019

### Forestry



Forestry under agriculture sector grew by 3.78% in Q3 2019 from 3.23% in Q2 2019 and 3.72% in Q3 2018.





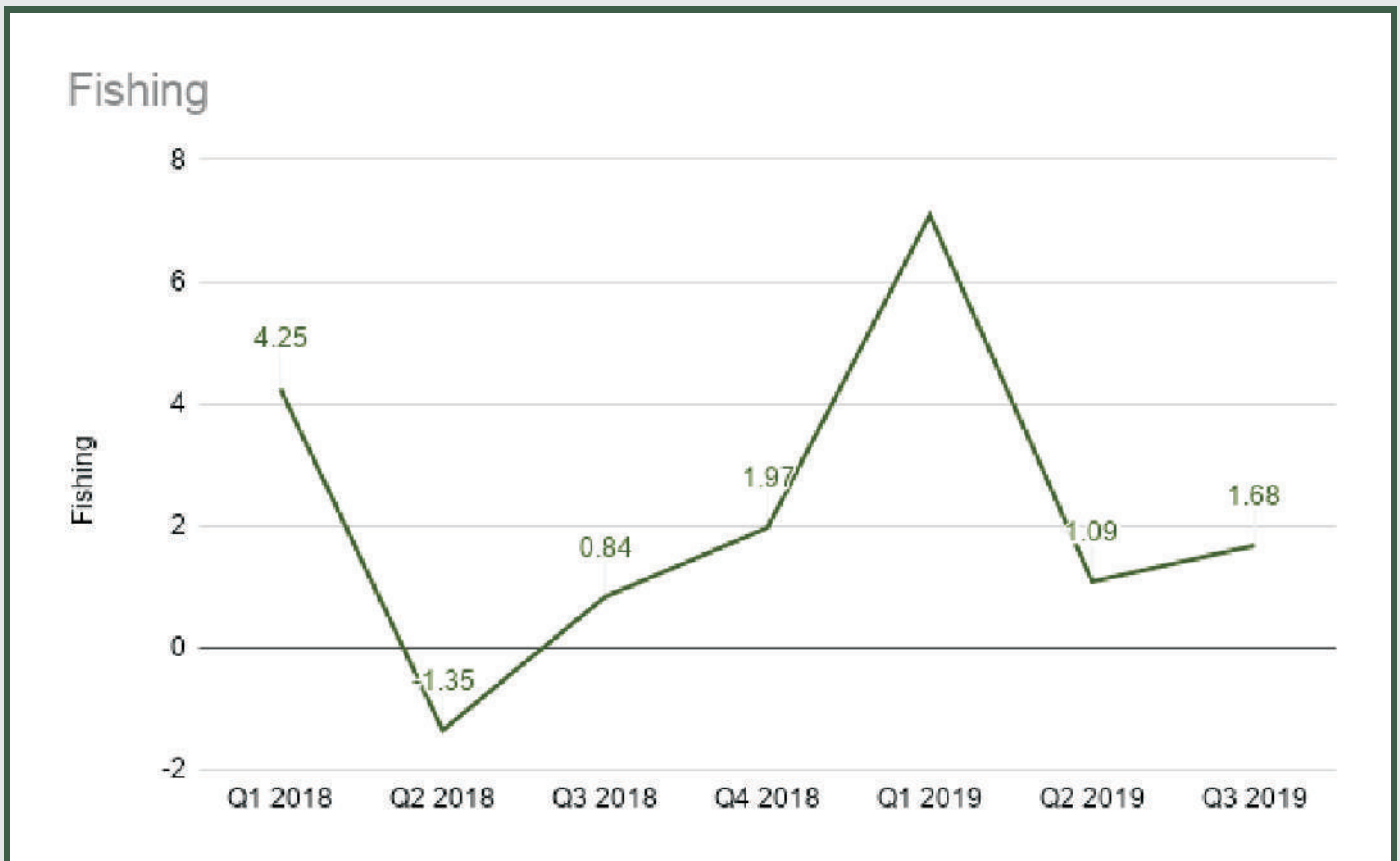
# GDP REPORT Q3 2019

## Fishing: Q1 2018 - Q3 2019

### Fishing



Fishing under agriculture sector grew by 1.68% in Q3 2019 from 1.09% in Q2 2019 and 0.84% in Q3 2018.



# 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 the Manufacturing sector in the third quarter of 2019 was recorded at 39.69% (year-on-year), 6.97% points higher than recorded in the corresponding period of 2018 (32.73%) and 1.91% points higher than the preceding quarter's 37.79%. Quarter on quarter, the sector's growth was recorded at 16.21%. The contribution of Manufacturing to Nominal GDP in the third quarter was 12.34%, higher than recorded in the corresponding period of 2018 (10.01%) and the second quarter of 2019 (11.47%).

Real GDP growth in the manufacturing sector for Q3 2019 was 1.10% (year on year), -0.83% points lower than the same quarter in 2018 but higher than the preceding quarter by 1.23% points (Figure 6). On a quarter on quarter basis, the sector grew 5.14%, higher than the quarter on quarter growth rate recorded in the preceding quarter of 2019. The sector contributed 8.74% to real GDP in Q3 2019, lower than the 8.84% recorded in third quarter of 2018 and the 9.08% recorded in Q2 2019.



Figure 6: Manufacturing real growth

# GDP REPORT Q3 2019

## Manufacturing Sector: Q1 2018 – Q3 2019

### Manufacturing sector



Manufacturing sector grew by 1.10% in Q3 2019 from -0.13% in Q2 2019 and 1.92% in Q3 2018.

#### MANUFACTURING



# GDP REPORT Q3 2019

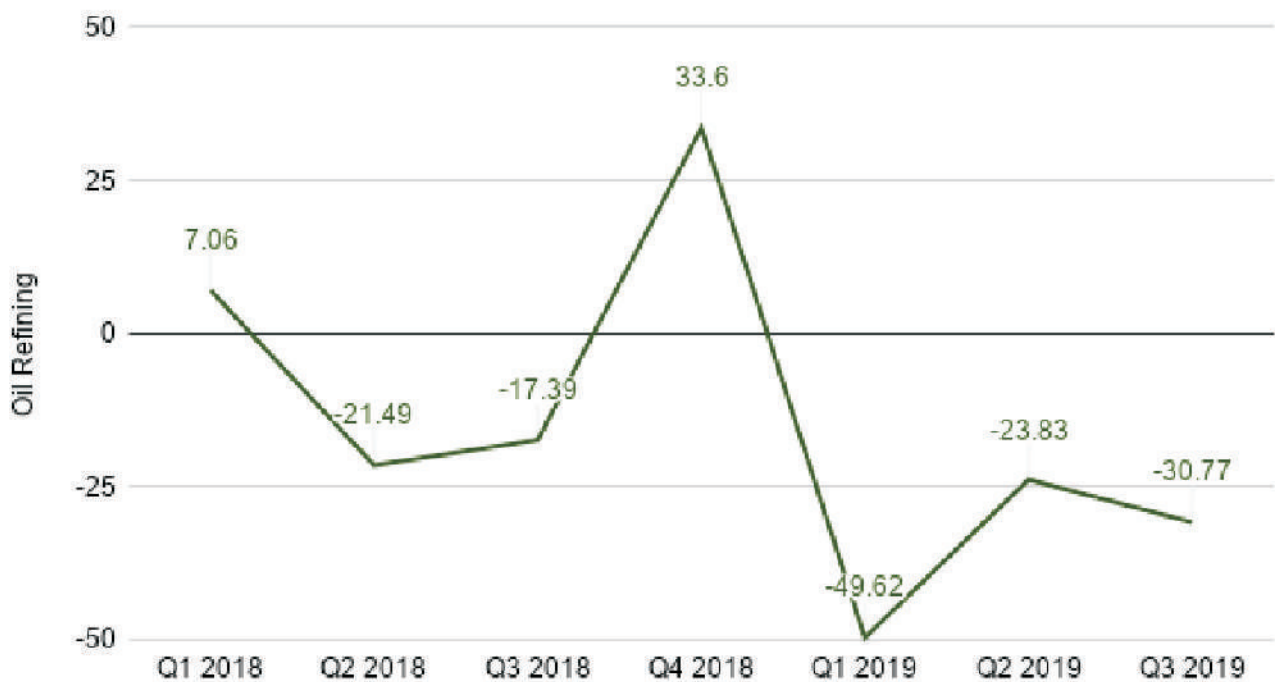
## Oil Refining : Q1 2018 - Q3 2019

### Oil Refining



Oil Refining under Manufacturing sector contracted by -30.77% in Q3 2019 from -23.83% in Q2 2019 and -17.39% in Q3 2018.

Oil Refining



# GDP REPORT Q3 2019

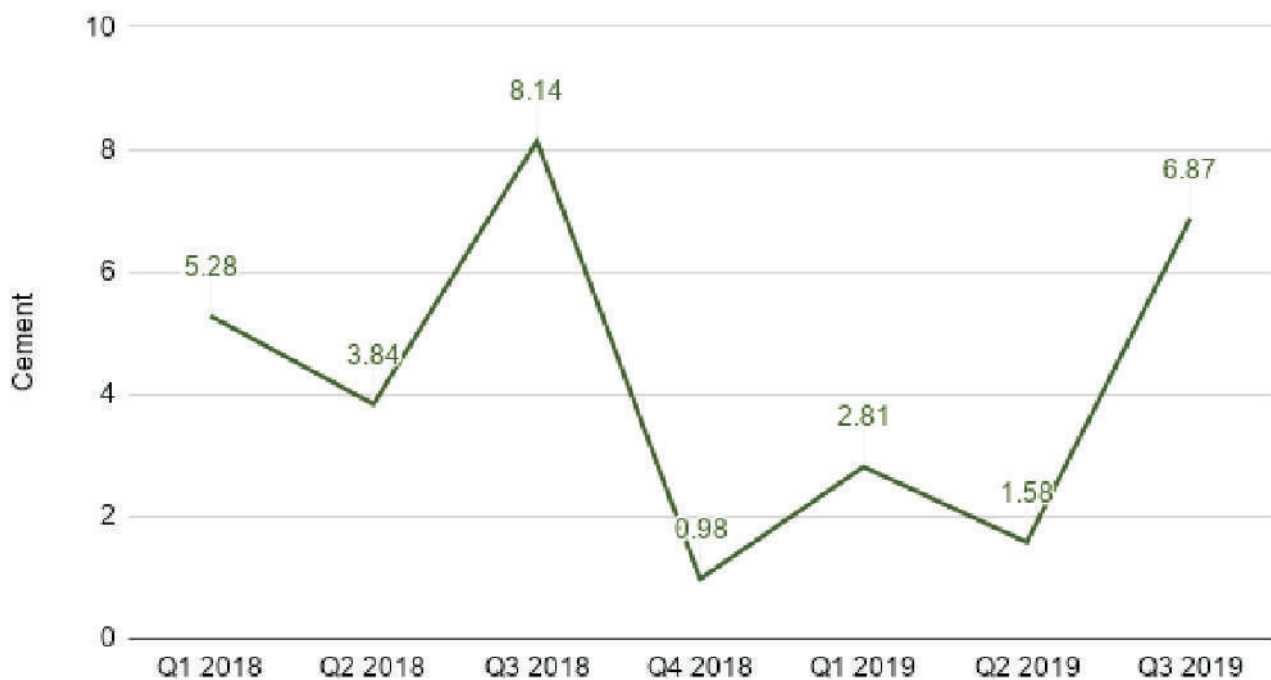
Cement: Q1 2018 - Q3 2019

## Cement



Cement under Manufacturing sector grew by 6.87% in Q3 2019 from 1.58% in Q2 2019 and 8.14% in Q3 2018

Cement



# GDP REPORT Q3 2019

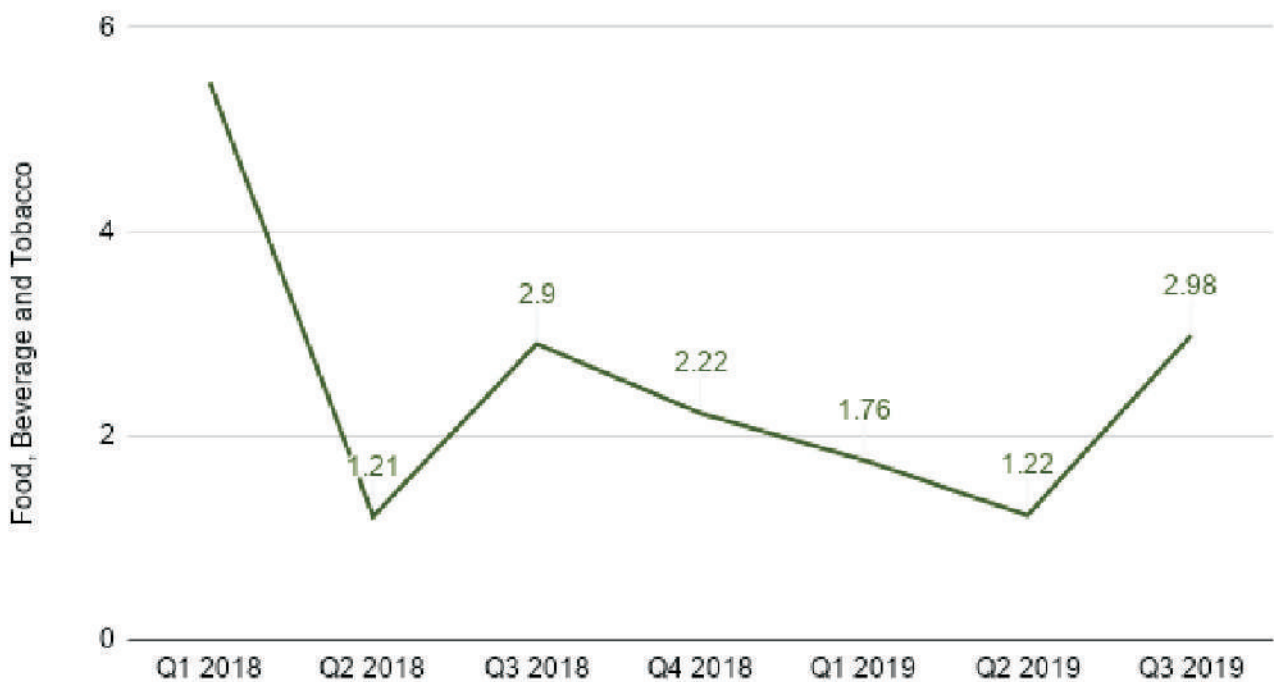
Food, Beverage and Tobacco: Q1 2018 – Q3 2019

## Food, Beverage and Tobacco



Food, Beverage and Tobacco under Manufacturing sector grew by 2.98% in Q3 2019 from 1.22% in Q2 2019 and 2.90% in Q3 2018

Food, Beverage and Tobacco





# GDP REPORT Q3 2019

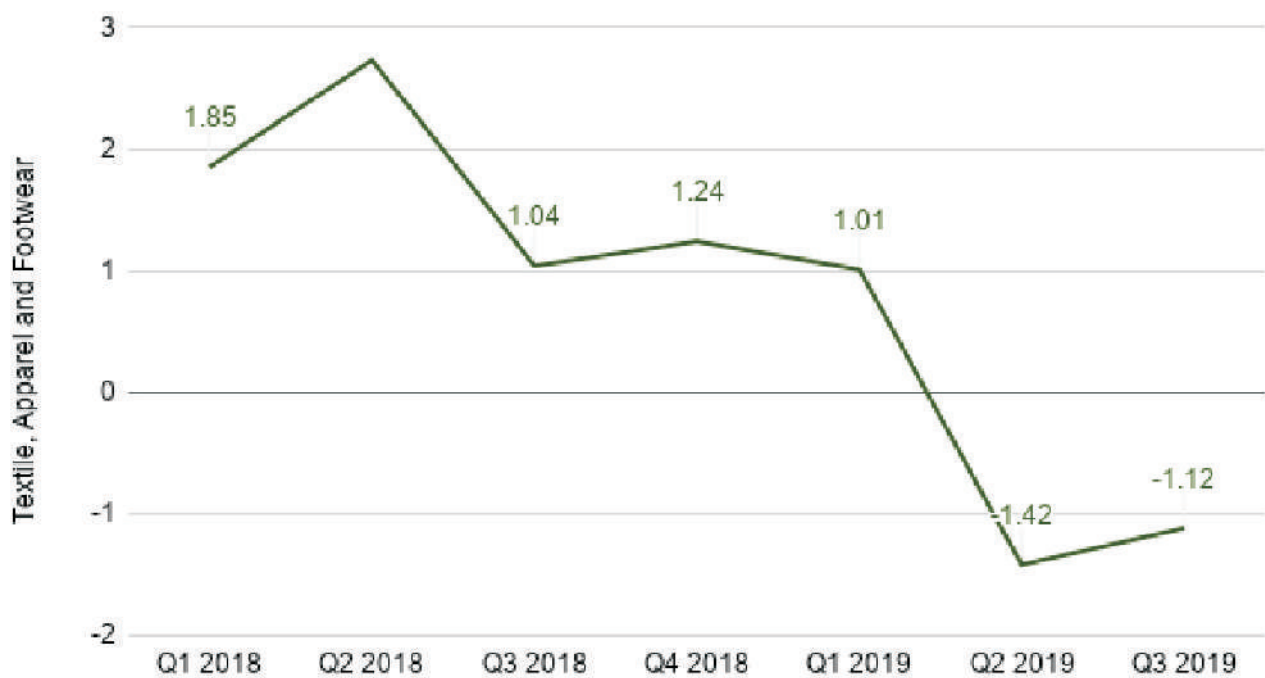
Textile, Apparel and Footwear: Q1 2018 – Q3 2019

## Textile, Apparel and Footwear



Textile, Apparel and Footwear under Manufacturing sector contracted by -1.12% in Q3 2019 from -1.42% in Q2 2019 and 1.04% in Q3 2018.

Textile, Apparel and Footwear



# GDP REPORT Q3 2019

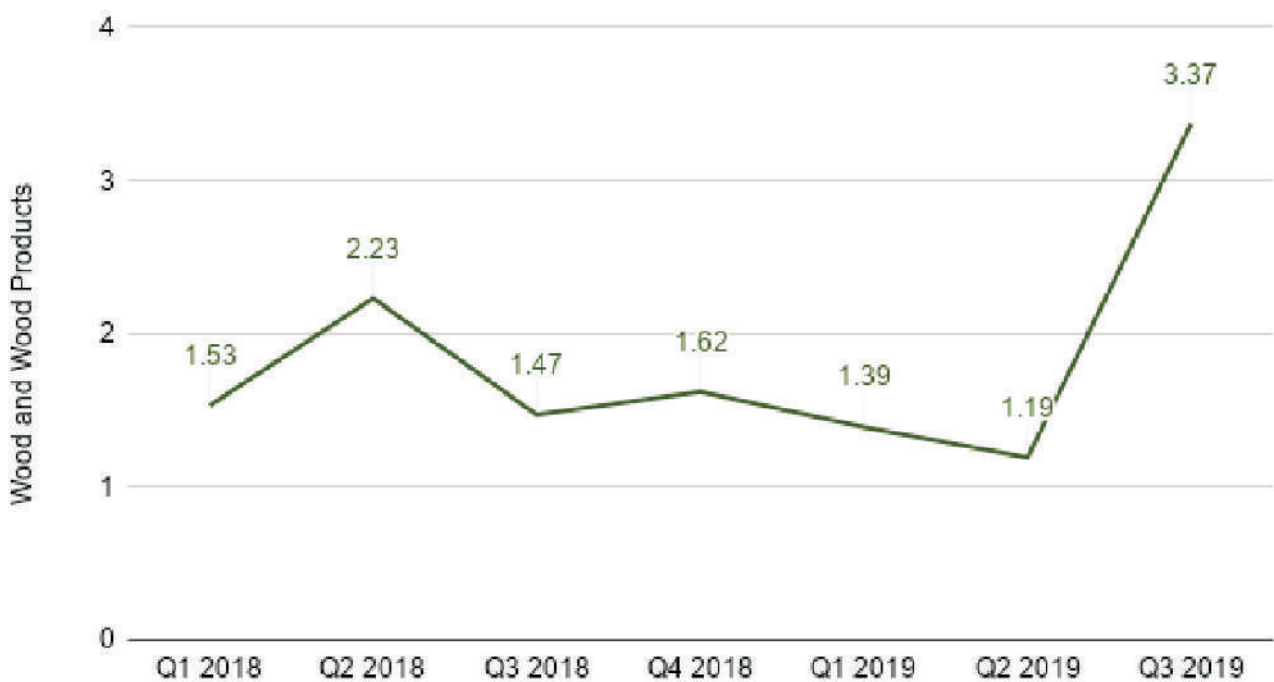
## Wood and Wood Products: Q1 2018 – Q3 2019

### Wood and Wood Products



Wood and Wood Products under Manufacturing sector grew by 3.37% in Q3 2019 from 1.19% in Q2 2019 and 1.47% in Q3 2018.

Wood and Wood Products



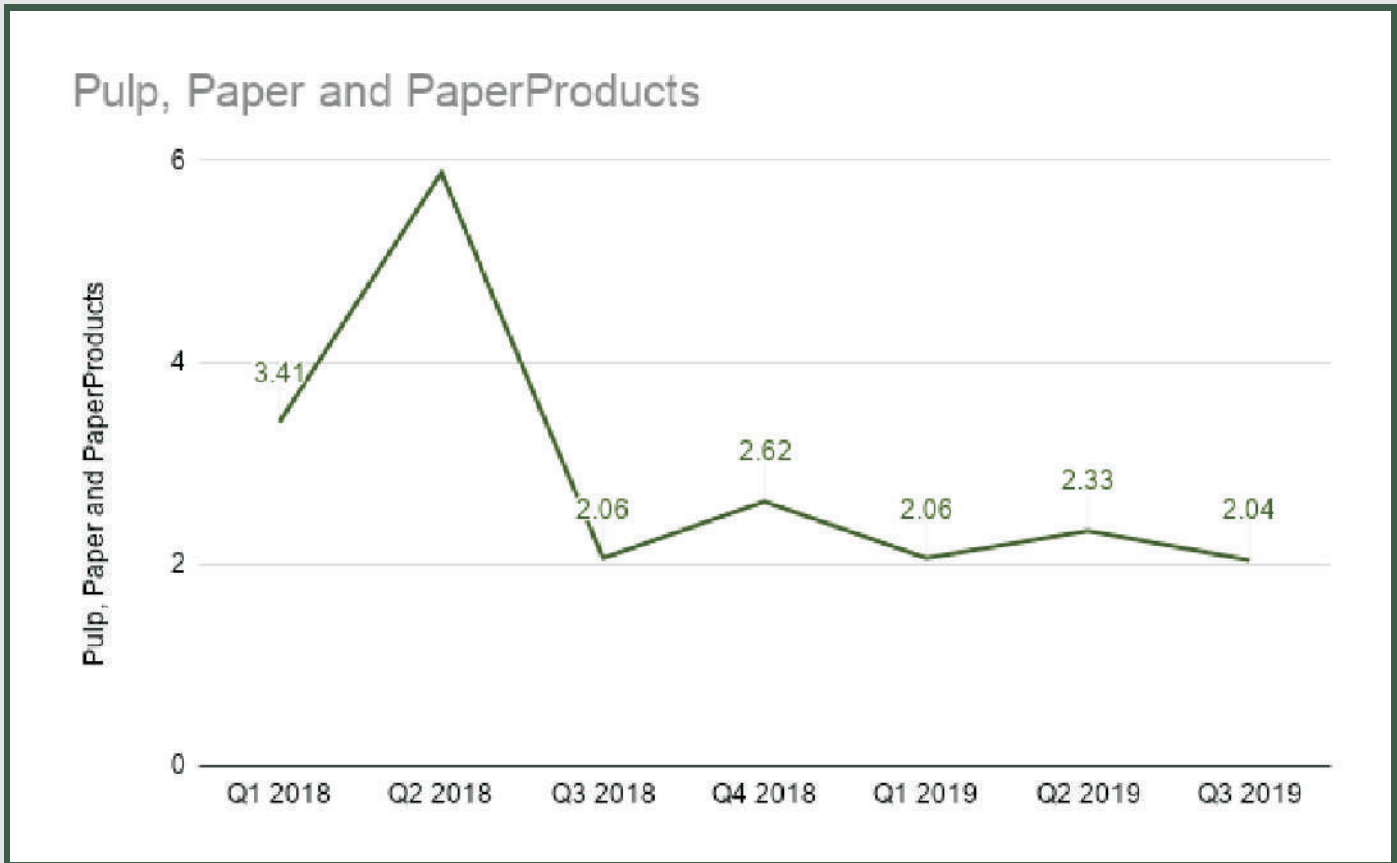
# GDP REPORT Q3 2019

## Pulp, Paper and Paper Products: Q1 2018 – Q3 2019

### Pulp, Paper and Paper Products



Pulp, Paper and Paper under Manufacturing sector grew by 2.04% in Q3 2019 from 2.33% in Q2 2019 and 2.06% in Q3 2018.



# GDP REPORT Q3 2019

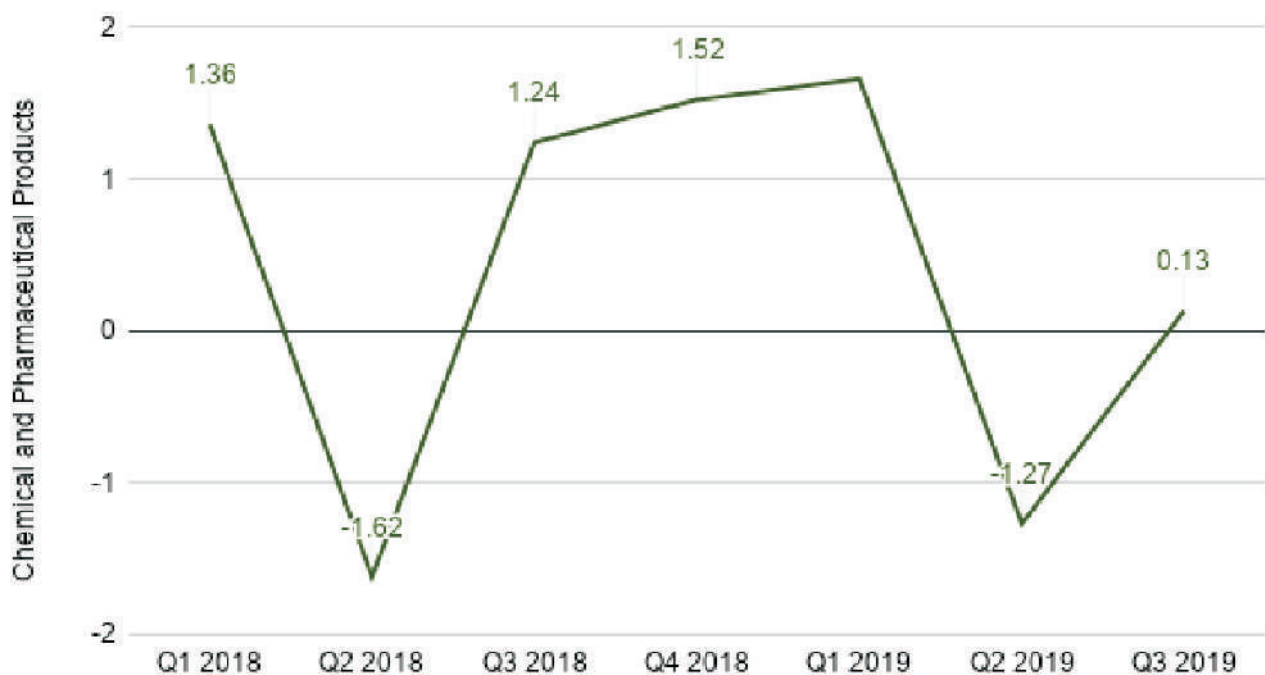
## Chemical and Pharmaceutical Products: Q1 2018 – Q3 2019

### Chemical and Pharmaceutical Products



Chemical and Pharmaceutical Products under Manufacturing sector grew by 0.13% in Q3 2019 from -1.27% in Q2 2019 and 1.24% in Q3 2018.

Chemical and Pharmaceutical Products



# GDP REPORT Q3 2019

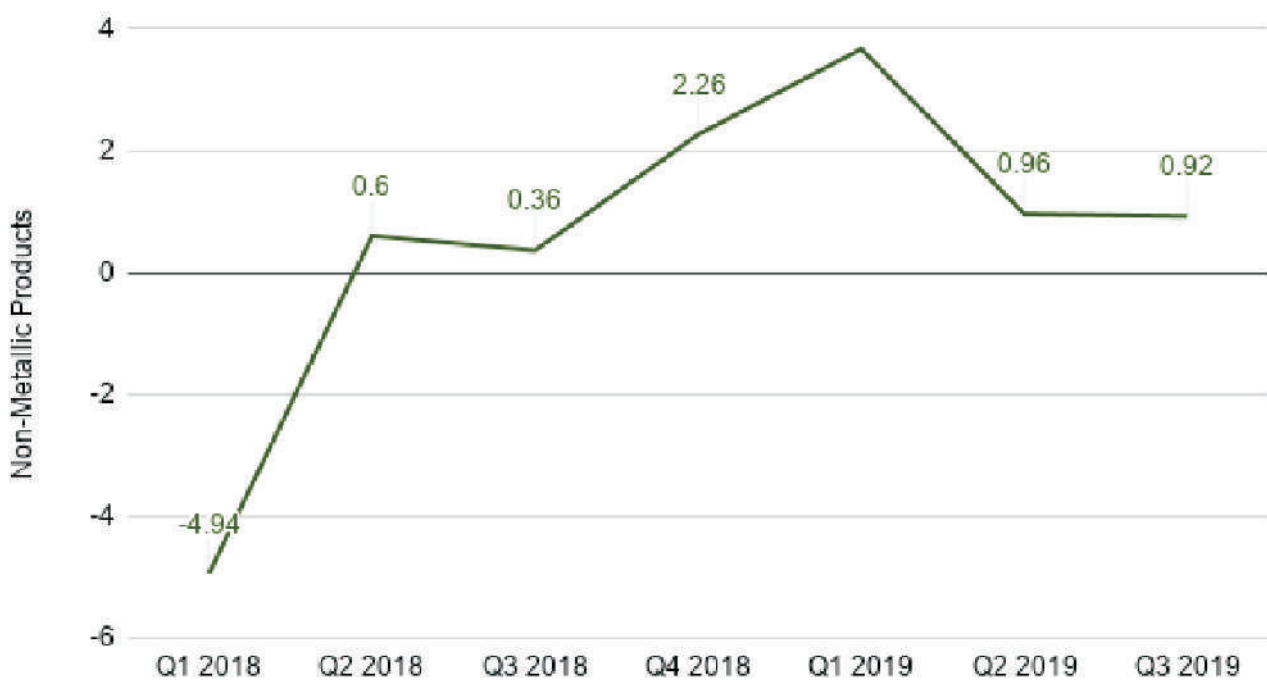
## Non-Metallic Products: Q1 2018 – Q3 2019

### Non-Metallic Products



Non-Metallic Products under Manufacturing sector grew by 0.92% in Q3 2019 from 0.96% in Q2 2019 and 0.36% in Q3 2018.

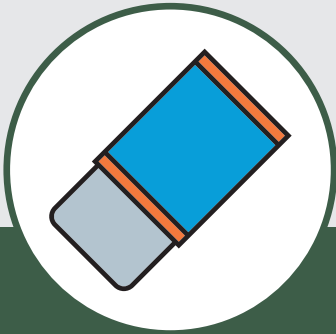
Non-Metallic Products



# GDP REPORT Q3 2019

## Plastic and Rubber Products: Q1 2018 – Q3 2019

### Plastic and Rubber Products



Plastic and Rubber Products under Manufacturing sector grew by 1.03% in Q3 2019 from 2.26% in Q2 2019 and 0.95% in Q3 2018.

Plastic and Rubber products



# GDP REPORT Q3 2019

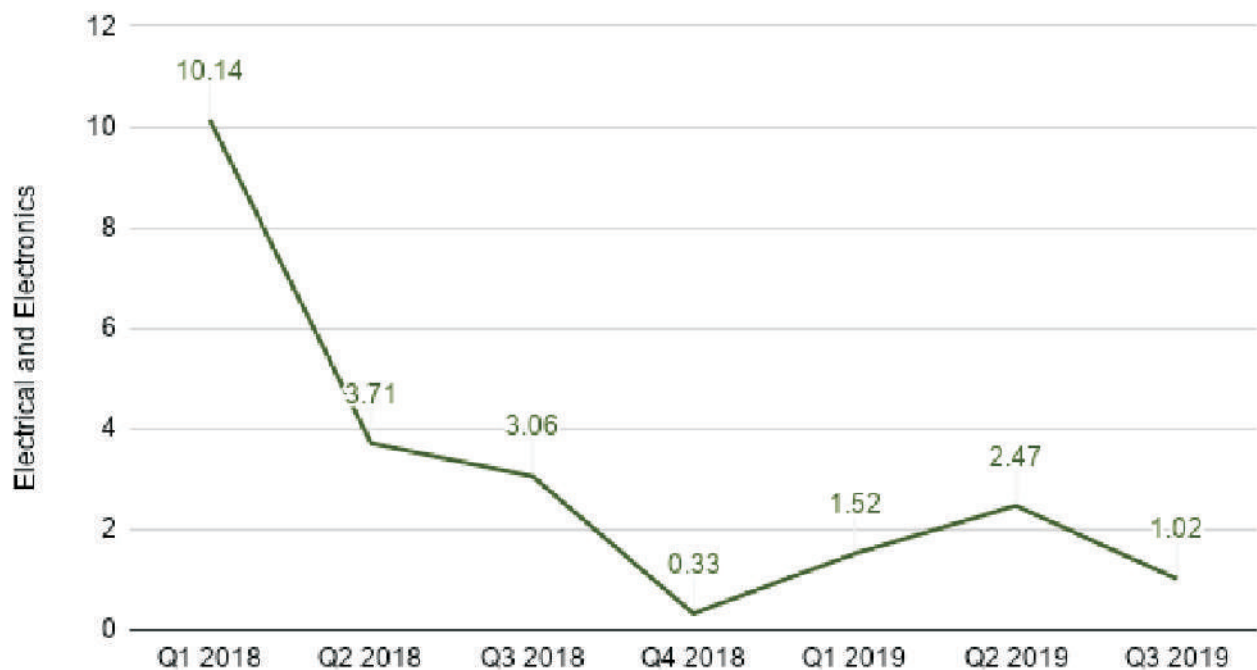
## Electrical and Electronics: Q1 2018 - Q3 2019

### Electrical and Electronics



Electrical and Electronics under Manufacturing sector grew by 1.02% in Q3 2019 from 2.47% in Q2 2019 and 3.06% in Q3 2018.

Electrical and Electronics



# GDP REPORT Q3 2019

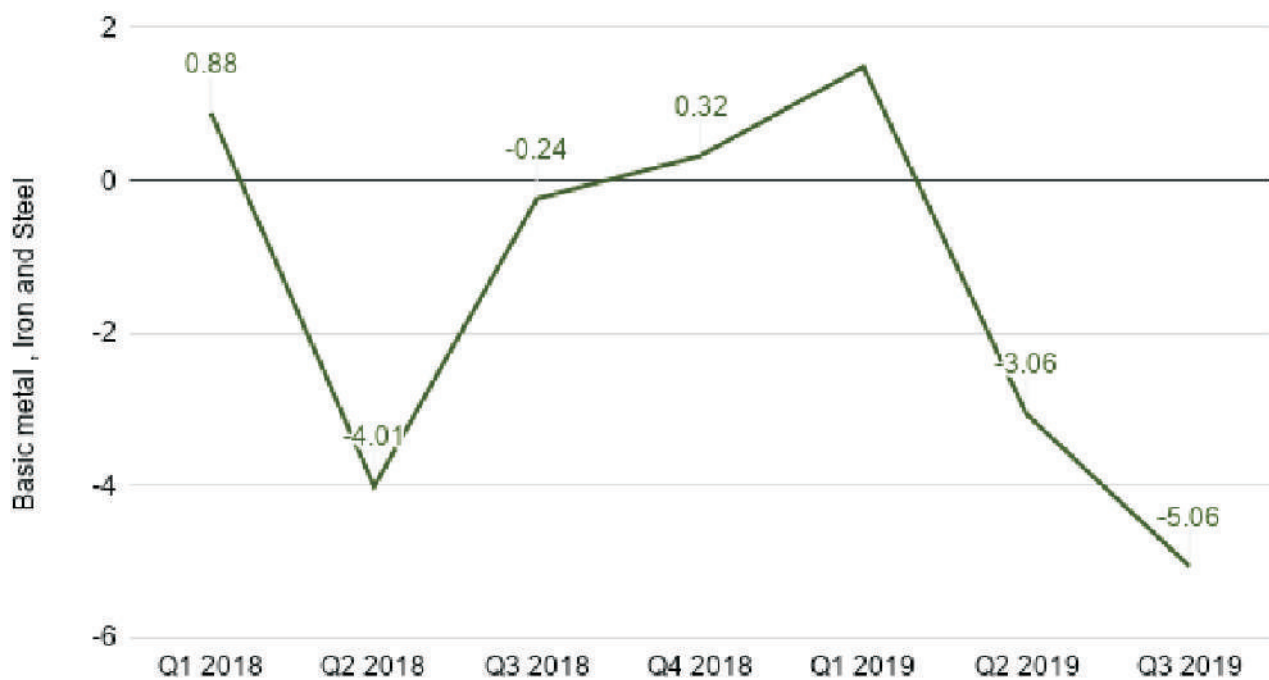
## Basic Metal , Iron and Steel: Q1 2018 – Q3 2019

### Basic metal , Iron and Steel



Basic metal, Iron and Steel under Manufacturing sector contracted by -5.06% in Q3 2019 from -3.06% in Q2 2019 and -0.24% in Q3 2018.

Basic metal , Iron and Steel





# GDP REPORT Q3 2019

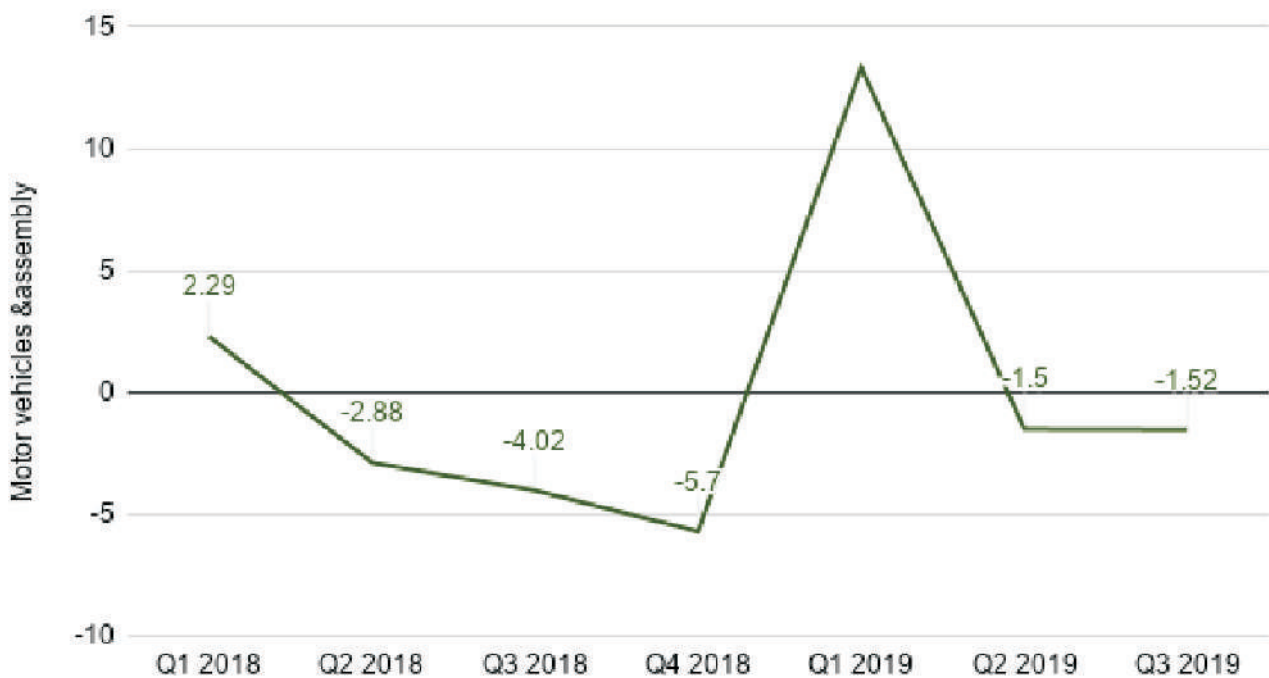
## Motor Vehicles & Assembly: Q1 2018 – Q3 2019

### Motor Vehicles & Assembly



Motor Vehicles & Assembly under Manufacturing sector contracted by -1.52% in Q3 2019 from -1.50% in Q2 2019 and -4.02% in Q3 2018.

Motor vehicles & assembly



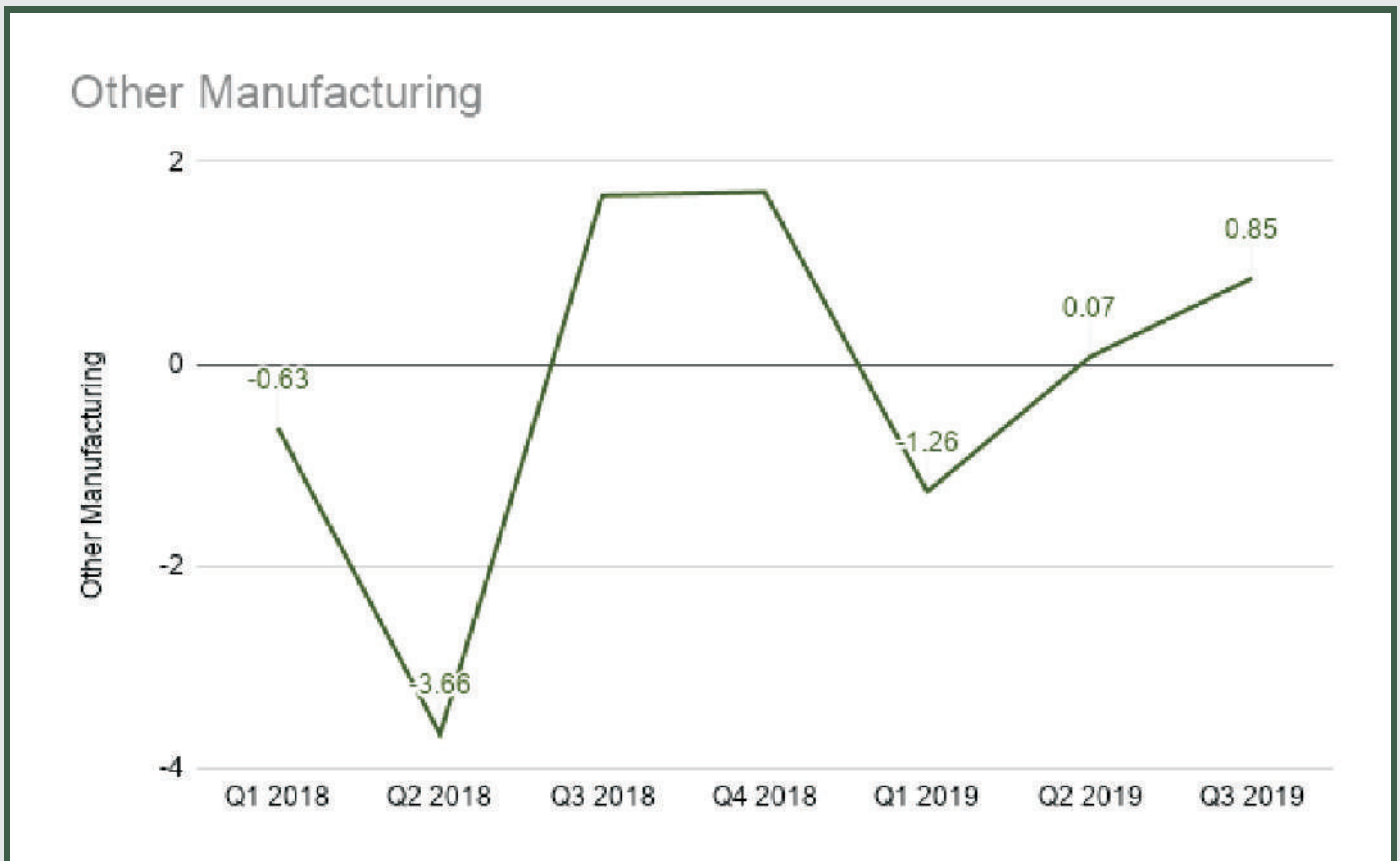
# GDP REPORT Q3 2019

Other Manufacturing: Q1 2018 – Q3 2019

## Other Manufacturing



Other Manufacturing under Manufacturing sector grew by 0.85% in Q3 2019 from 0.07% in Q2 2019 and 1.67% in Q3 2018.



# Electricity, Gas, Steam and Air Conditioning Supply

The Electricity, Gas, Steam and Air conditioning Supply sector recorded a year on year growth of 12.83% in the third quarter of 2019. This was -37.64% points lower than the 50.47% growth rate recorded in the corresponding quarter of 2018, and -16.92% points lower than the growth rate of 29.75% recorded in the prior quarter. On a quarter-on-quarter basis, the sector recorded a growth rate of -6.31%. The contribution of Electricity, Gas, Steam and Air Conditioning Supply to Nominal GDP in the quarter under review was 0.72%, same as in the corresponding quarter of 2018 but lower with respect to its contribution (0.82%) in the preceding quarter.

In real terms, the sector grew by -11.81% in Q3 2019, a decrease from the growth rate of 18.27% recorded in the same quarter of 2018. When compared to the immediate past quarter, there was a decrease of -12.25% points from 0.43% recorded. Quarter-on-quarter, the sector grew at a rate of -13.74%. The contribution of this sector to real GDP in the quarter was 0.36%, down by -0.06% points from Q3 2018 and by -0.10% points from Q2 2019.

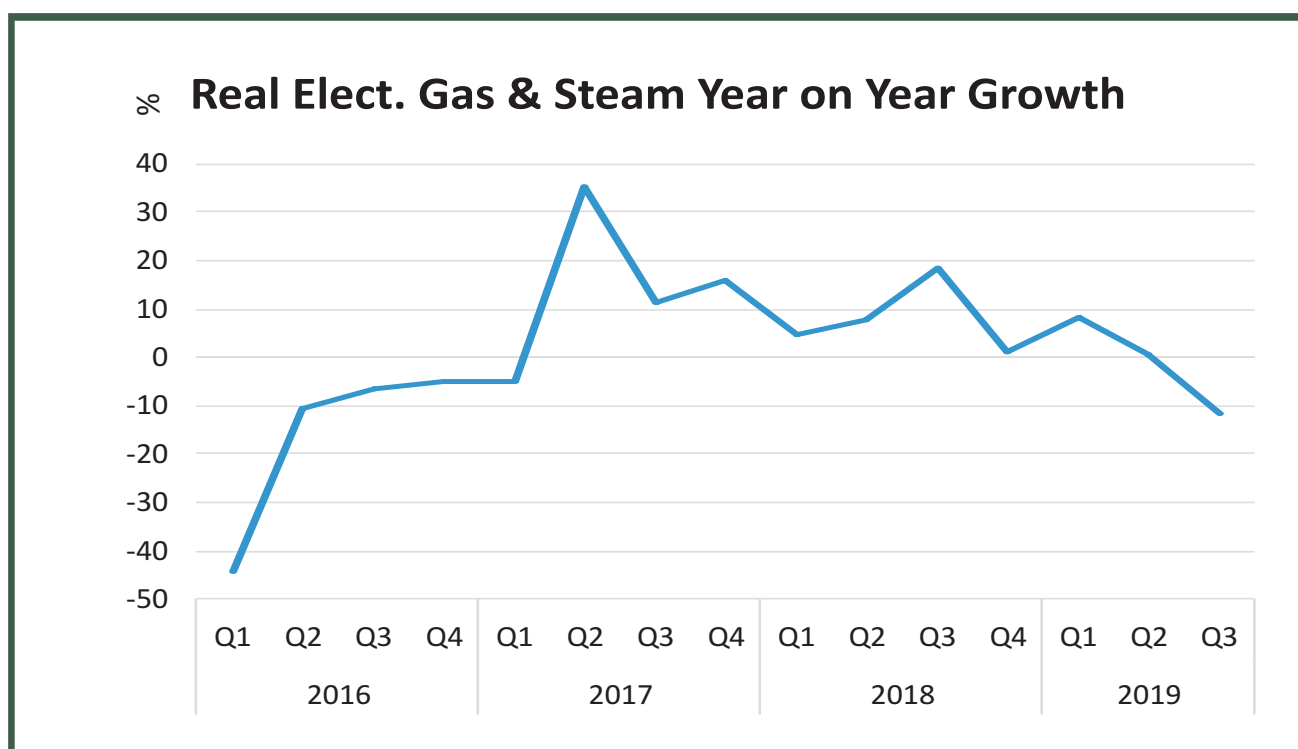


Figure 7: Elect. Gas an Steam real growth

# GDP REPORT Q3 2019

## Electricity, Gas, Steam and Air Conditioning Supply: Q1 2018 – Q3 2019

### Electricity, Gas, Steam And Air Conditioning Supply



Electricity, Gas, Steam and Air Conditioning Supply sector contracted by -11.81% in Q3 2019 from 0.43% in Q2 2019 and 18.27% in Q3 2018.

ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY



# Construction

The Construction sector grew by 48.80% in nominal terms (year on year) in the third quarter of 2019, a drop of -3.87% points compared to the rate of 52.67% recorded in the same quarter of 2018. There was an increase of 6.00% points when compared to the rate recorded in the preceding quarter. On a quarter on quarter basis, nominal growth was recorded at -13.04%. The construction sector contributed 5.52% to nominal GDP in the third quarter of 2019, higher than the 4.20% it contributed a year earlier but lower than the 6.86% contributed in the second quarter of 2019.

The real growth rate of the construction sector in the third quarter of 2019 was recorded at 2.37% (year on year), higher by 1.83% points from the rate recorded a year previous. Relative to the preceding quarter, there was an increase of 1.71% points. Quarter on quarter, the sector grew by -25.99% in real terms, lower (by -38.11% points) than the 12.12% it recorded in the second quarter of 2019.

Its contribution to total real GDP was 3.01% in the current quarter; same as its contribution in the same quarter of the previous year, but lower than in the preceding quarter where it contributed 4.45%.

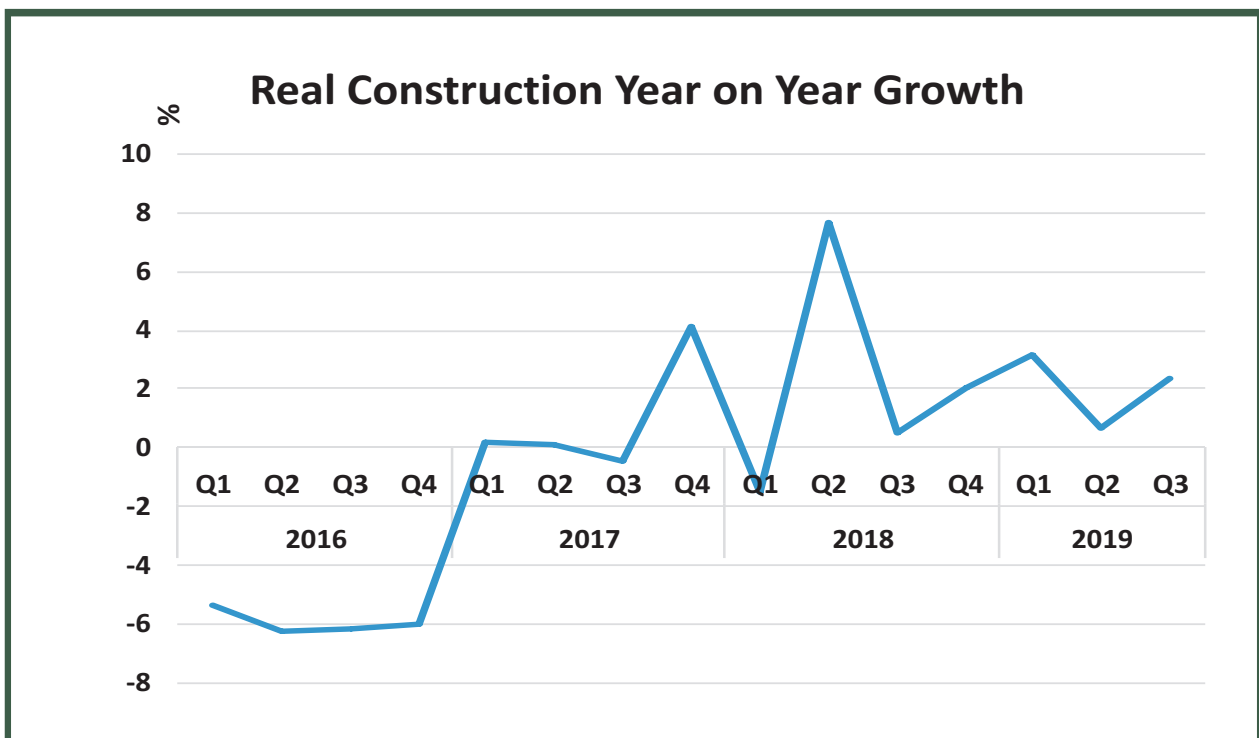


Figure 8: Construction real growth

# GDP REPORT Q3 2019

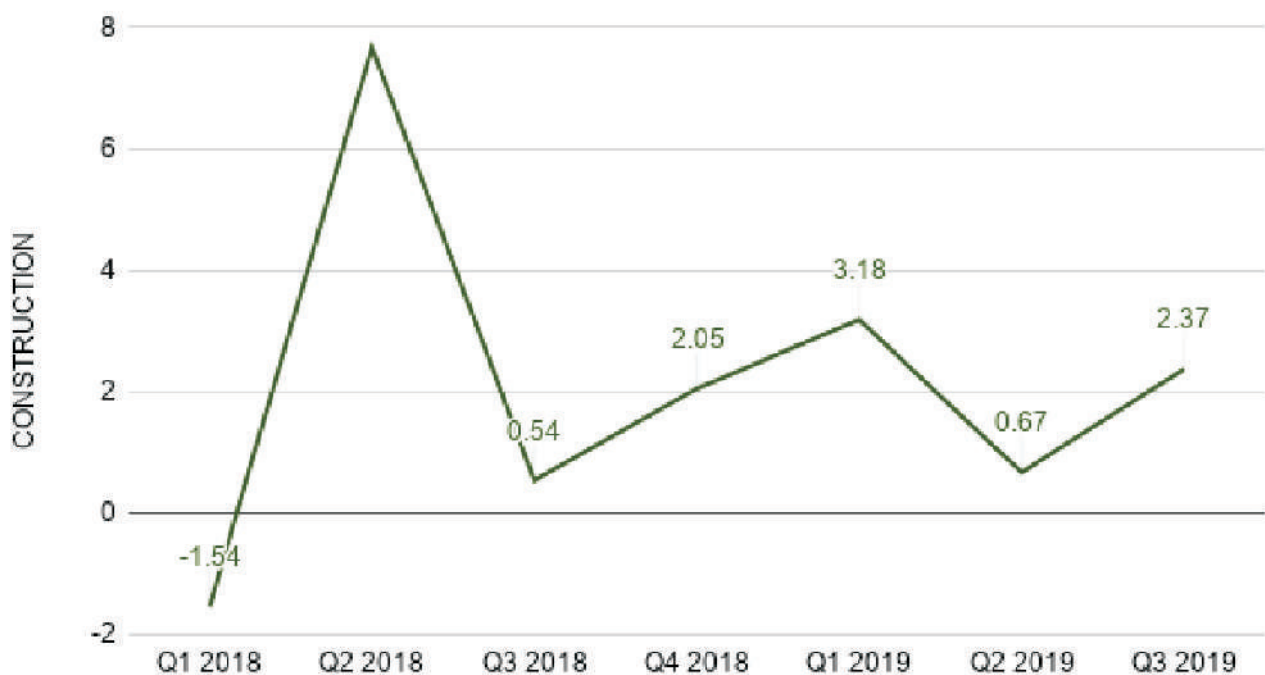
Construction: Q1 2018 – Q3 2019

## Construction



Construction sector grew by 2.37% in Q3 2019 from 0.67% in Q2 2019 and 0.54% in Q3 2018.

### CONSTRUCTION



## Trade

In the third quarter of 2019, the nominal year on year growth rate for Trade stood at 1.13%. This indicates a decrease of -2.65% points when compared to the third quarter of 2018, and -1.89% points compared to the preceding quarter. The quarter on quarter growth rate was 3.48%. Trade's contribution to nominal GDP in the third quarter of 2019 was 14.69%, lower than the contribution in the same quarter of the previous year of (16.45%), and the preceding quarter (15.33%).



Figure 9: Trade real growth

In real terms, Trade's year on year growth stood at -1.45%, or -2.43% points lower than the rate recorded a year earlier (0.98%), and -1.20% points lower than the preceding quarter (-0.25%). Quarter on quarter, growth stood at 3.48%. This rate is higher than the quarter on quarter growth recorded in the second quarter of 2019 at -1.77%. In real terms, Trade's contribution to GDP was 15.23%, lower than the 15.80% it represented in the previous year, and lower than the 16.07% recorded in Q2 2019.

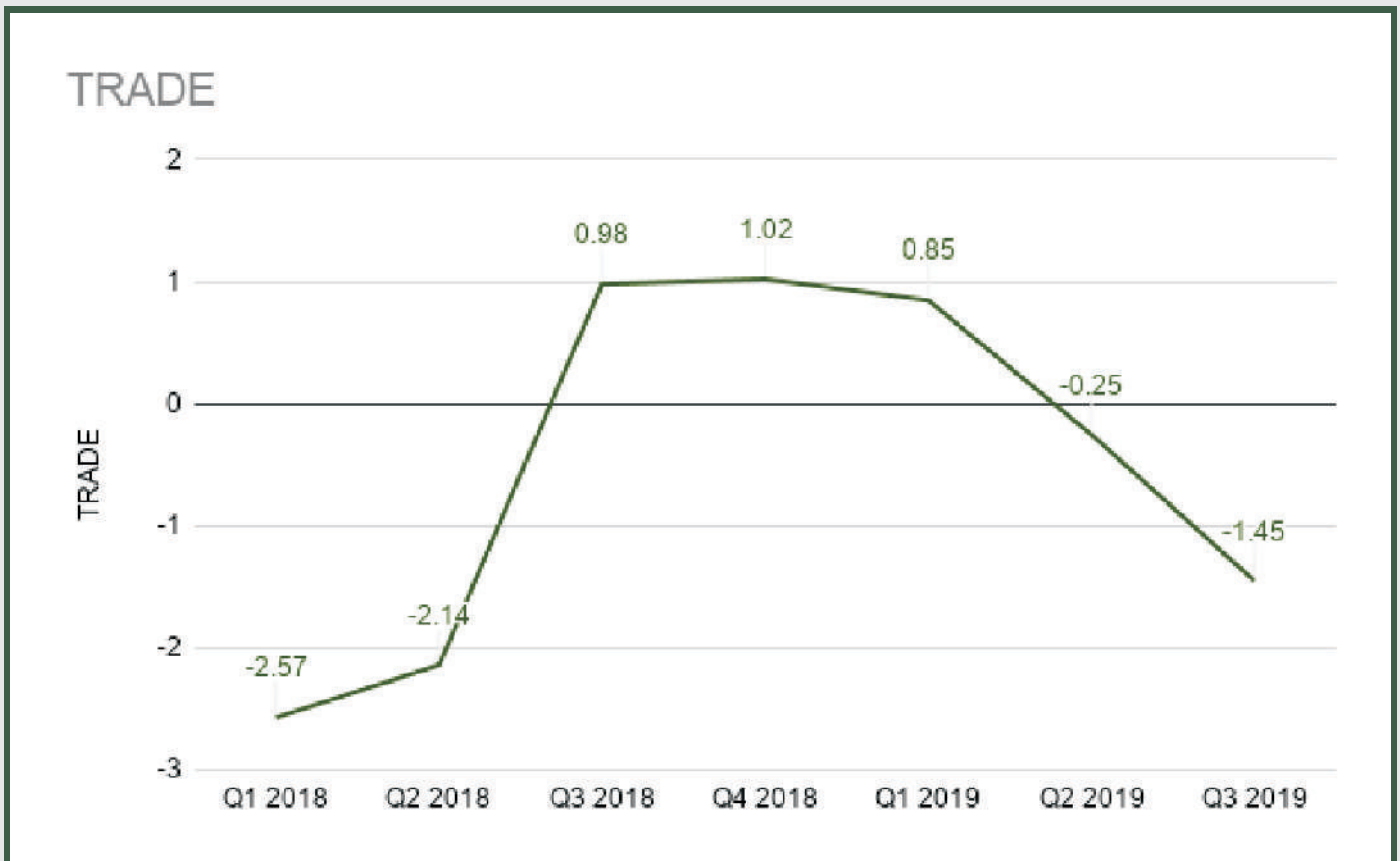
# GDP REPORT Q3 2019

Trade: Q1 2018 - Q3 2019

## Wholesale and Retail Trade



Trade sector contracted by -1.45% in Q3 2019 from -0.25% in Q2 2019 and 0.98% in Q3 2018.





## Accommodation and Food Services

In nominal terms, Accommodation and Food Services grew by 19.43% year on year in Q3 2019. This represents a decline of -1.46% points relative to the same quarter of 2018, when the growth rate was 20.89%. The rate was also lower than in the preceding quarter by -0.75% points when nominal growth was 20.18%. Accommodation and Food Services accounted for 0.95% of nominal GDP in Q3 2019, higher than the figure recorded a year prior and in Q2 2019 when it recorded 0.90% and 0.66% respectively.

The real year on year growth rate for this sector in Q3 2019 stood at 2.28%, or -0.38% points lower than the 2.66% recorded the previous year. Relative to the preceding quarter, real growth rate was -0.64% points lower than 2.92% recorded.

In Q3 2019, the sector accounted for 0.87% of real GDP, same as its contribution in the same period in 2018 but higher than its Q2 2019 contribution of 0.64%.

# GDP REPORT Q3 2019

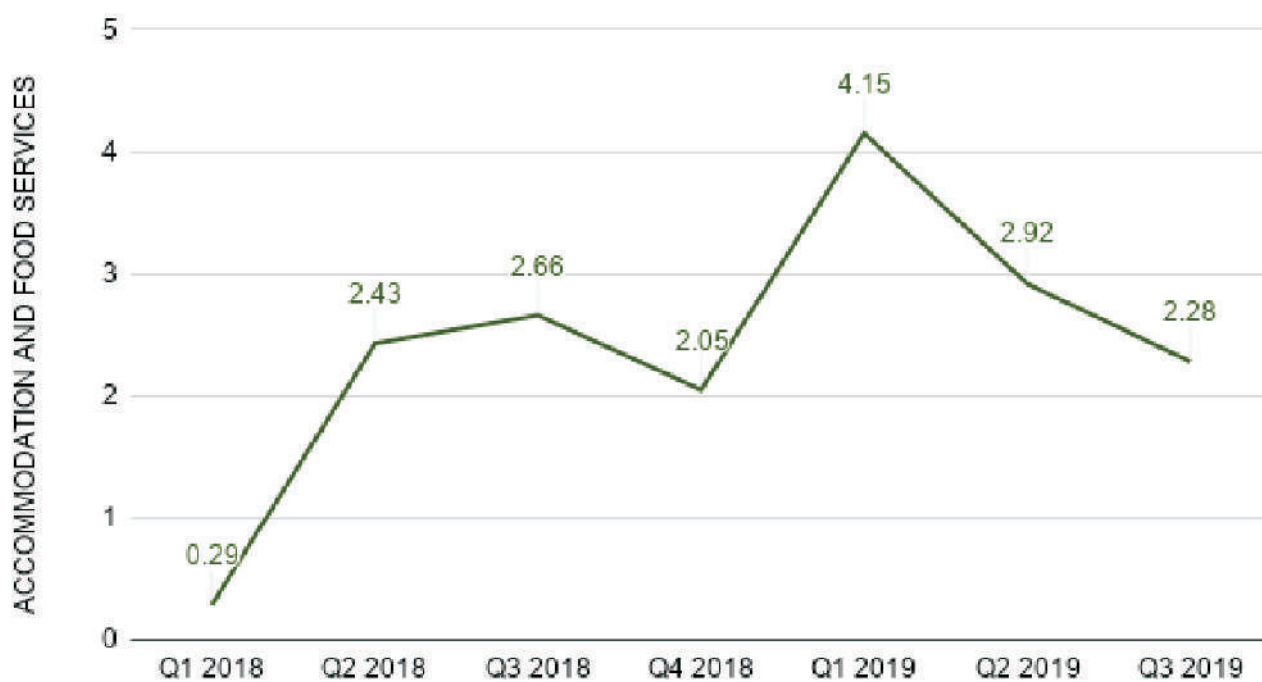
Accommodation and Food Services: Q1 2018 – Q3 2019

## Accommodation and Food Services



Accommodation and Food Services sector grew by 2.28% in Q3 2019 from 2.92% in Q2 2019 and 2.66% in Q3 2018.

### ACCOMMODATION AND FOOD SERVICES



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 third quarter of 2019 saw the sector grow by 11.19% (year-on-year), a -2.21% points decrease from the rate of 13.40% recorded in the same quarter of 2018, and -29.35% points lower than the rate recorded in the preceding quarter. The Quarter on quarter growth rate recorded in the Q3 was -33.30%.

The Information and Communications sector contributed 8.54% to nominal GDP in Q3 2019, lower than the 8.70% recorded in the same quarter of 2018 and the 13.83% it contributed in the preceding quarter.

The sector recorded a growth rate of 9.88% in real terms, year on year. This indicates a decrease of -2.21% points from the rate recorded in the corresponding period of 2018. Quarter on quarter, the sector exhibited a growth rate of -14.89% in real terms.

As a share of real GDP, the sector contributed 11.34% in Q3 2019, higher than in the same quarter of the previous year in which it accounted for 10.55% of real GDP, but lower than the preceding quarter, in which it accounted for 14.55%.

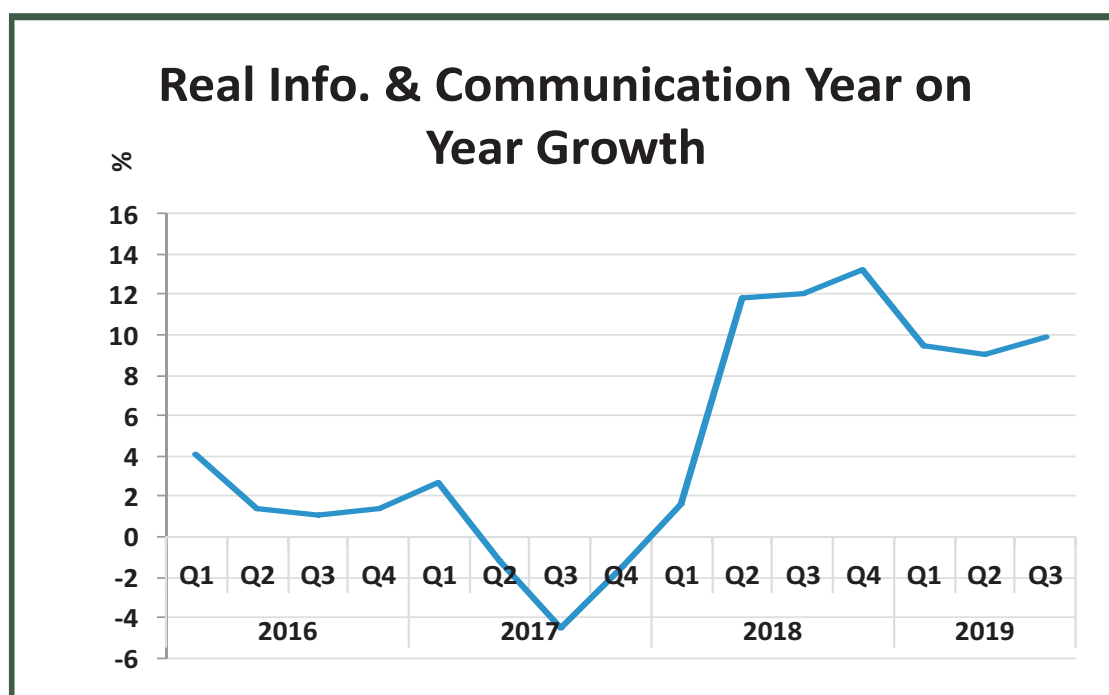


Figure 10: Real Information & Communication growth

# GDP REPORT Q3 2019

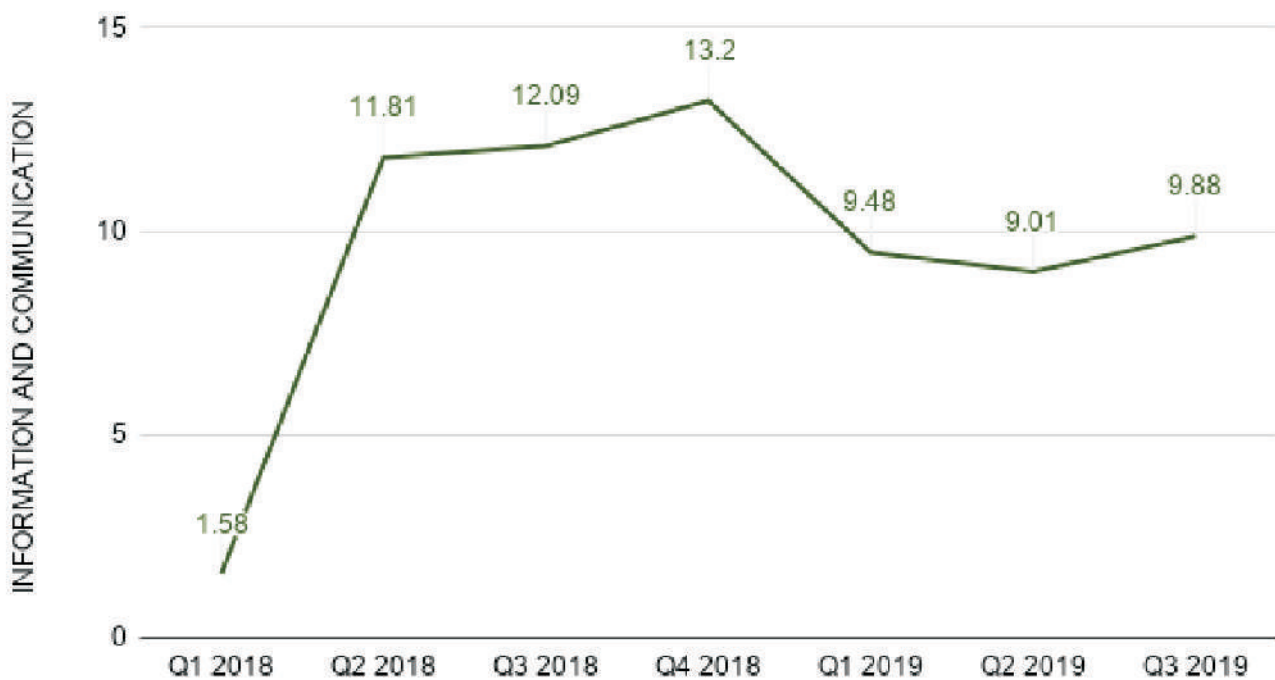
Information and Communication : Q1 2018 – Q3 2019

## Information and Communication sector



Information and Communication sector grew by 9.88% in Q3 2019 from 9.01% in Q2 2019 and 12.09% in Q3 2018.

### INFORMATION AND COMMUNICATION



# GDP REPORT Q3 2019

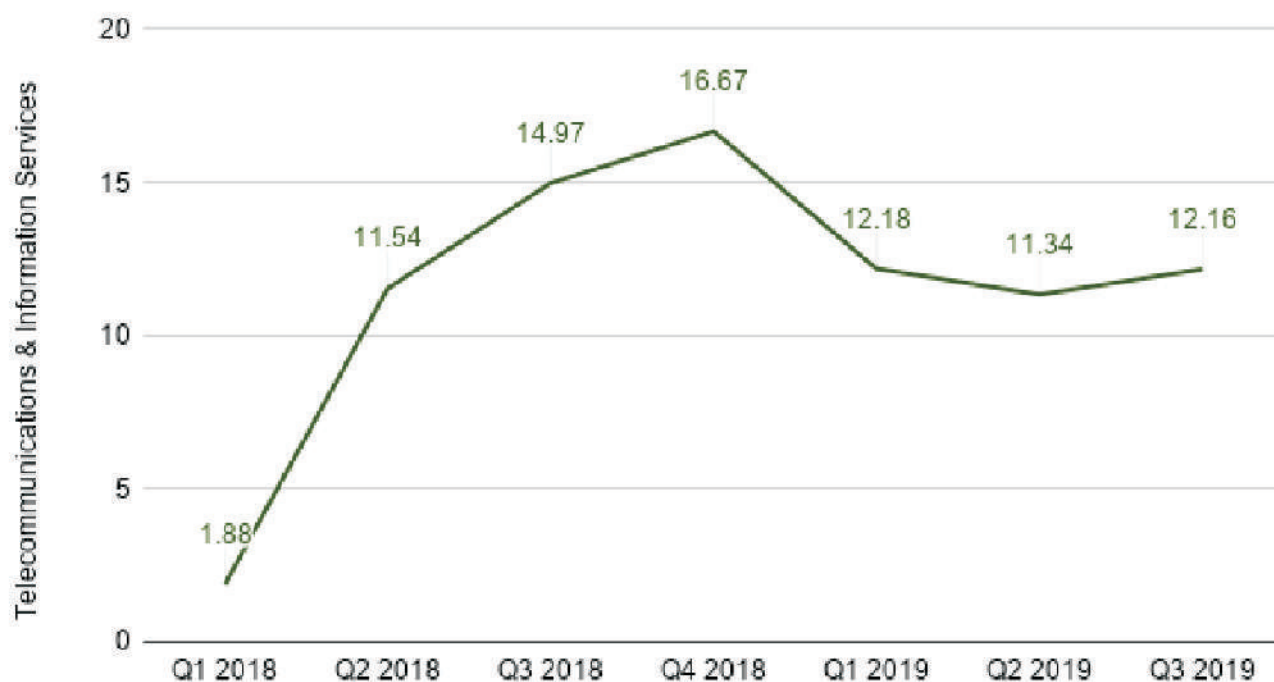
Telecommunications: Q1 2018 - Q3 2019

## Telecommunications



Telecommunications & Information Services under Information and Communication sector grew by 12.16% in Q3 2019 from 11.34% in Q2 2019 and 14.97% in Q3 2018.

Telecommunications & Information Services



# GDP REPORT Q3 2019

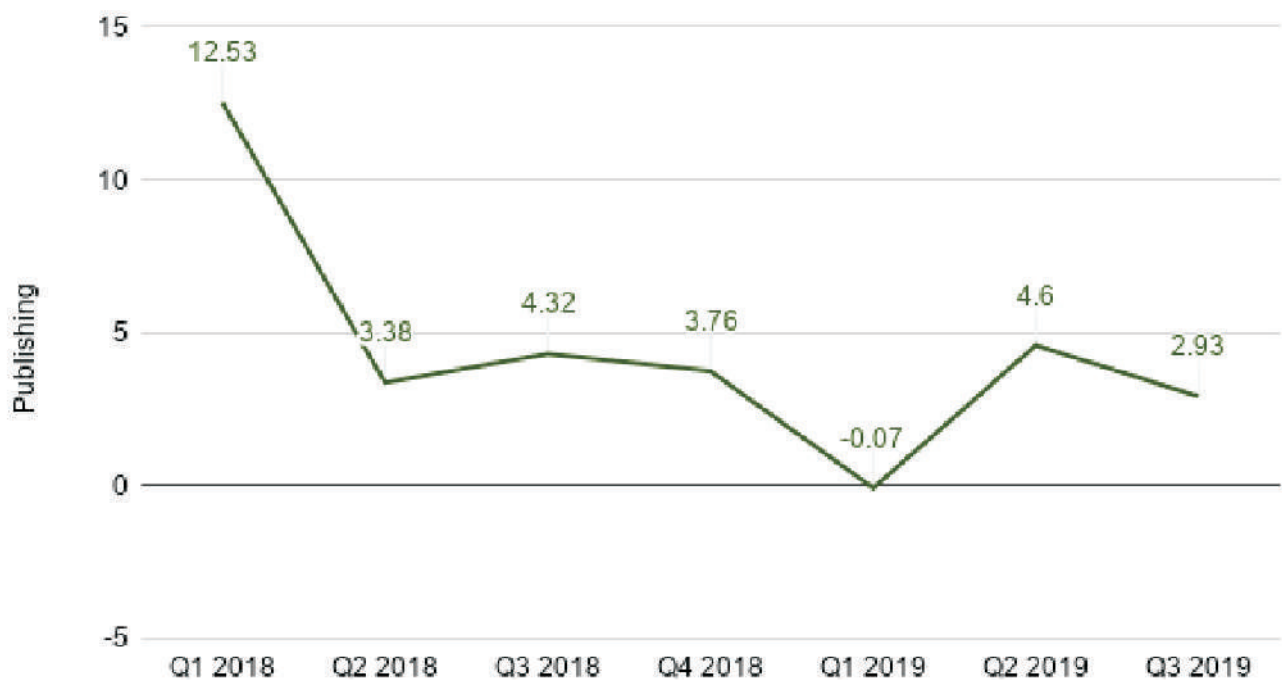
Publishing: Q1 2018 - Q3 2019

## Publishing



Publishing under Information and Communication sector grew by 2.93% in Q3 2019 from 4.60% in Q2 2019 and 4.32% in Q3 2018.

Publishing



# GDP REPORT Q3 2019

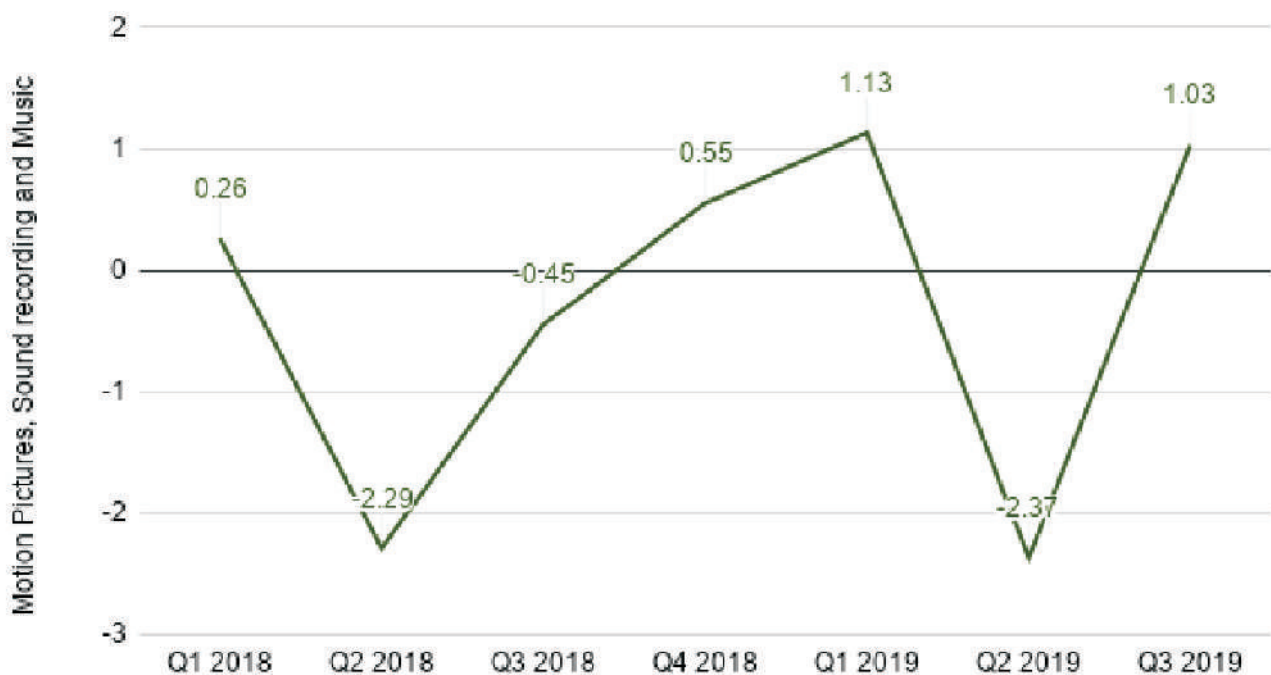
Motion Pictures, Sound Recording and Music Production: Q1 2018 – Q3 2019

## Motion Pictures, Sound recording and Music production



Motion Pictures, Sound recording and Music production under Information and Communication sector grew by 1.03% in Q3 2019 from -2.37% in Q2 2019 and -0.45% in Q3 2018.

Motion Pictures, Sound recording and Music production



# GDP REPORT Q3 2019

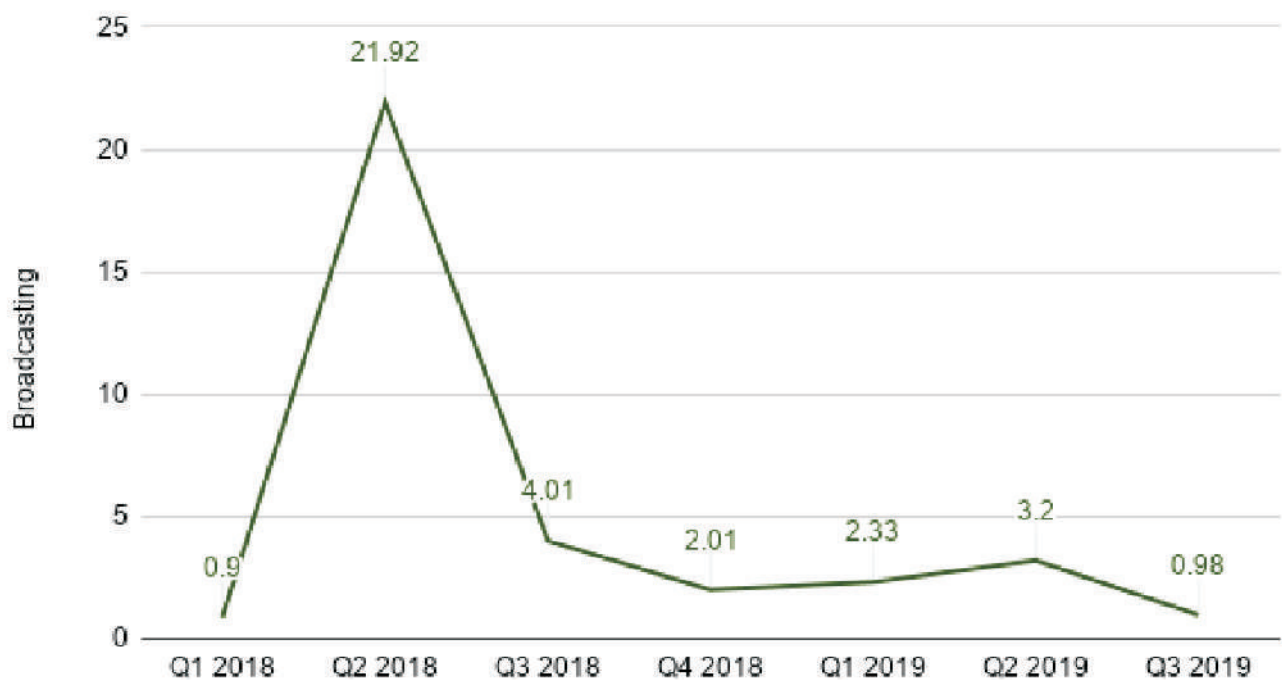
Broadcasting: Q1 2018 - Q3 2019

## Broadcasting



Broadcasting under Information and Communication sector grew by 0.98% in Q3 2019 from 3.20% in Q2 2019 and 4.01% in Q3 2018.

Broadcasting





## 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 38.60% in nominal terms in the third quarter of 2019 (year on year). This rate is higher relative to the 31.53% recorded for the corresponding quarter of 2018 and the 25.56% recorded in the preceding quarter. The fastest growing activities in this sector were Road transport (at a rate of 41.16%) and Air Transport (36.96%), year on year. Quarter on quarter, growth stood at 16.57%. Transport contributed 2.03% to nominal GDP in Q3 2019, an increase from the 1.66% recorded in the corresponding period of 2018, and the 1.88% recorded in the second quarter of 2019.

In real terms, the Transportation and Storage sector grew by 18.24% in Q3 2019. This rate represents an increase of 6.29% points relative to the same quarter of the previous year, and 10.22% points relative to the preceding quarter. Quarter on quarter, growth was 12.03%. The contribution of the sector to real GDP in Q3 2019 amounted to 1.42%, higher than 1.22% recorded the previous year and 1.38% recorded in the second quarter of 2019.

# GDP REPORT Q3 2019

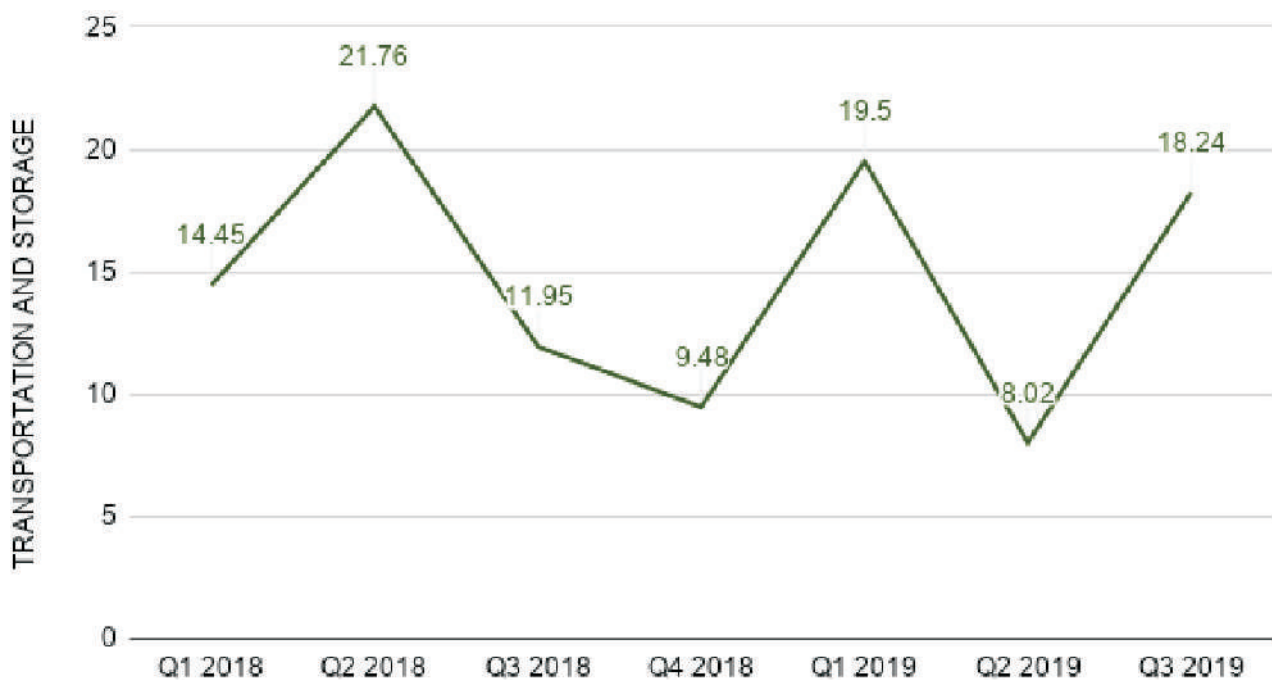
## Transportation and Storage: Q1 2018 – Q3 2019

### Transportation and Storage sector



Transportation and Storage sector grew by 18.24% in Q3 2019 from 8.02% in Q2 2019 and 11.95% in Q3 2018.

#### TRANSPORTATION AND STORAGE



# GDP REPORT Q3 2019

## Road Transport: Q1 2018 - Q3 2019

### Road Transport



Road Transport under Transportation and Storage sector grew by 20.18% in Q3 2019 from 8.21% in Q2 2019 and 12.07% in Q3 2018.

#### ROAD TRANSPORT



# GDP REPORT Q3 2019

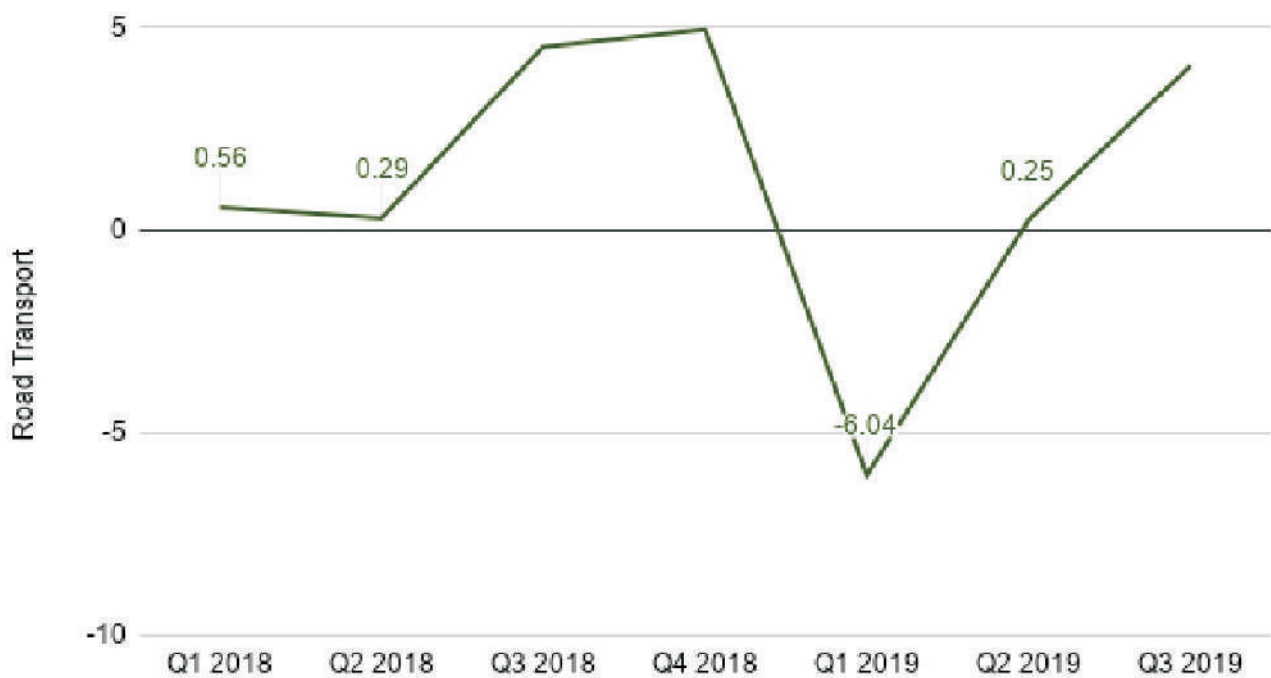
## Rail Transport & Pipelines: Q1 2018 – Q3 2019

### Rail Transport & Pipelines



Rail Transport & Pipelines under Transportation and Storage sector grew by 4.05% in Q3 2019 from 0.25% in Q2 2019 and 4.52% in Q3 2018.

Rail Transport & Pipelines



# GDP REPORT Q3 2019

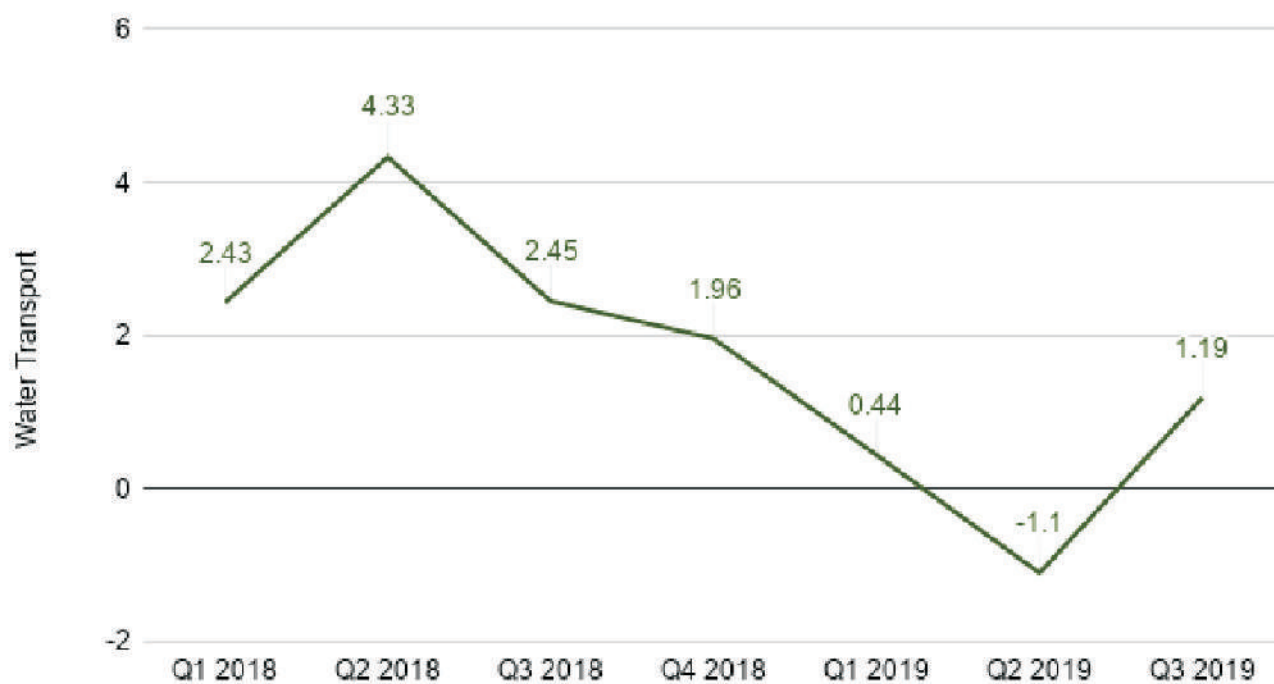
## Water Transport: Q1 2018 – Q3 2019

### Water Transport



Water Transport under Transportation and Storage sector grew by 1.19% in Q3 2019 from -1.10% in Q2 2019 and 2.45% in Q3 2018.

Water Transport



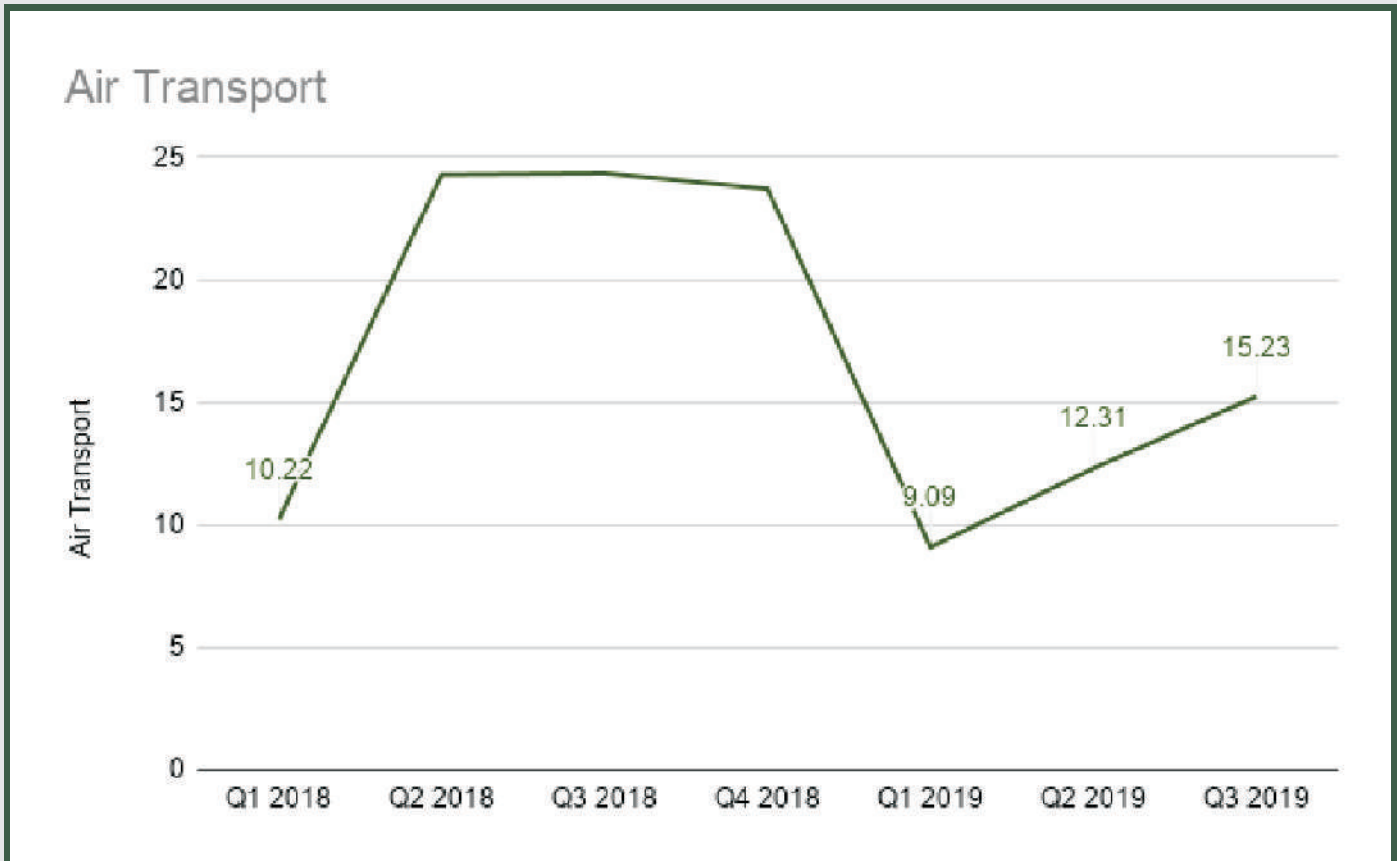
# GDP REPORT Q3 2019

## Air Transport: Q1 2018 - Q3 2019

### Air Transport



Air Transport under Transportation and Storage sector grew by 15.23% in Q3 2019 from 12.31% in Q2 2019 and 24.35% in Q3 2018.



# GDP REPORT Q3 2019

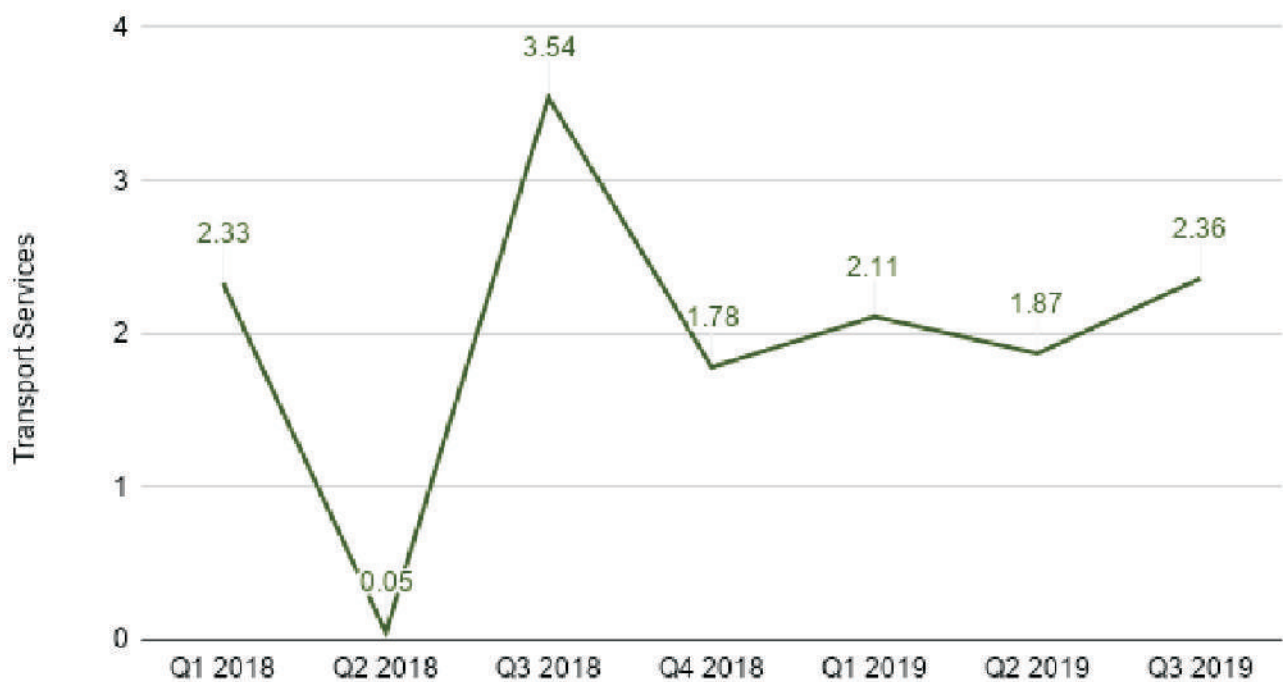
## Transport Services: Q1 2018 – Q3 2019

### Transport Services



Transport Services under Transportation and Storage sector grew by 2.36% in Q3 2019 from 1.87% in Q2 2019 and 3.54% in Q3 2018.

Transport Services



# GDP REPORT Q3 2019

## Post and Courier Services: Q1 2018 – Q3 2019

### Post and Courier Services



Post and Courier Services under Transportation and Storage sector contracted by -0.87% in Q3 2019 from -0.57% in Q2 2019 and -20.88% in Q3 2018.

Post and Courier Services





## Arts, Entertainment and Recreation

In nominal terms, the growth of Arts, Entertainment and Recreation sector was 3.57% in Q3 2019 (year-on-year), representing a decrease of -11.42% points relative to the preceding quarter and an increase of 0.02% points compared with the period a year earlier. On a quarterly basis, growth was recorded at -20.88%, lower than quarter-on-quarter growth of Q2 2019 (-13.05%). The activity contributed 0.16% to total nominal GDP in Q3 2019, slightly lower than the 0.17% it contributed in Q3 2018 and the 0.22% it contributed in Q2 2019.

In real terms, the activity grew by 2.89% year on year which was higher than the rate recorded in Q3 2018 by 0.06% points, and higher by 2.08% points when compared with the preceding quarter. Quarter on quarter, growth stood at -10.49% in real terms. Arts, Entertainment and Recreation contributed 0.19% to real GDP in Q3 2019, same as recorded the previous year, but lower than 0.23% recorded in Q2 2019 by -0.04% points.

# GDP REPORT Q3 2019

Arts, Entertainment and Recreation: Q1 2018 – Q3 2019

## Arts, Entertainment and Recreation



Arts, Entertainment and Recreation sector grew by 2.89% in Q3 2019 from 0.81% in Q2 2019 and 2.83% in Q3 2018.

### ARTS, ENTERTAINMENT AND RECREATION



## Real Estate Services

In nominal terms, Real Estate Services in the third quarter of 2019 grew by 3.71%. This rate was 0.05% points higher than the rate reported for the same period in 2018, and 1.63% points higher when compared to the preceding quarter. Quarter-on-quarter, the sector growth rate was 7.12%. The contribution to nominal GDP in Q3 2019 stood at 6.30% as against 6.88% recorded in Q3 2018 and 6.35% in the second quarter of 2019.

Real GDP growth recorded in the sector stood at -2.31%, higher than growth recorded in Q3 2018 by 0.36% points, and 1.53% points higher relative to Q2 2019. Quarter-on-quarter, the sector grew by 5.53% in the third quarter 2019. It contributed 6.21% to real GDP in Q3 2019, lower than the 6.43% it recorded in the preceding quarter as well as the corresponding rate a year earlier in 2018.

# GDP REPORT Q3 2019

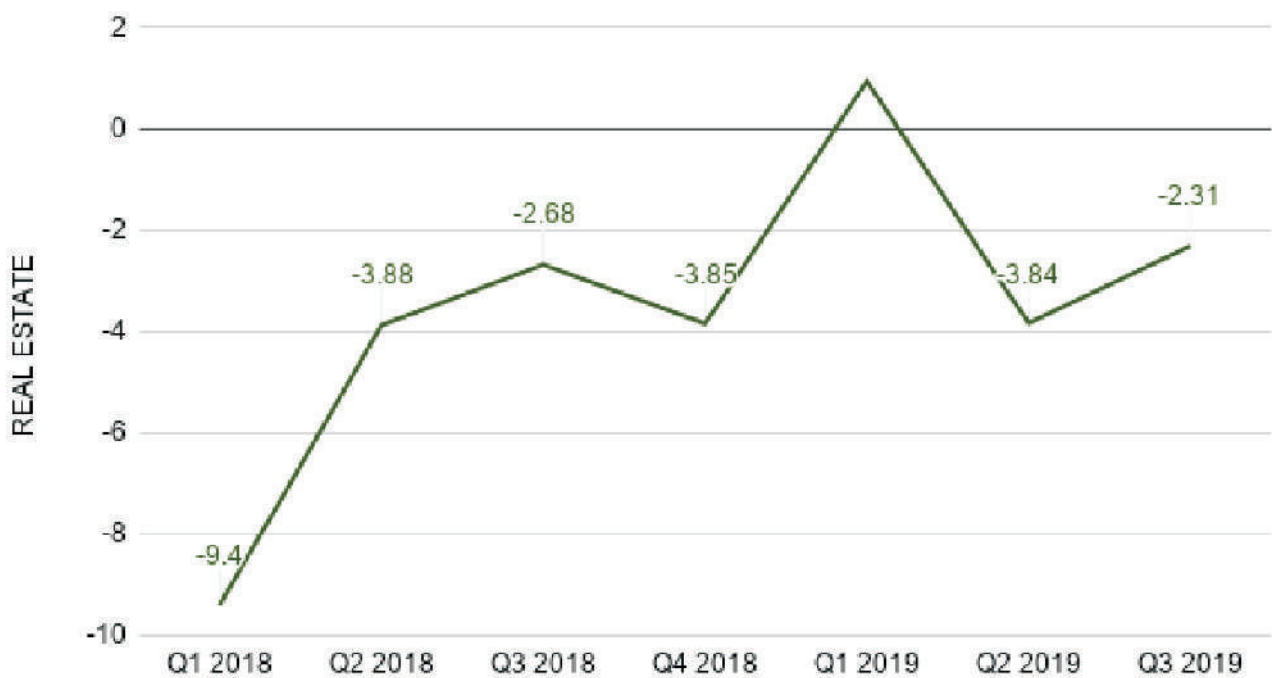
Real Estate: Q1 2018 - Q3 2019

## Real Estate



Real Estate sector contracted by -2.31% in Q3 2019 from -3.84% in Q2 2019 and -2.68% in Q3 2018.

### REAL ESTATE



## Finance and Insurance

The Finance and Insurance Sector consists of the two subsectors, Financial Institutions and Insurance, which account for 85.90% and 14.10% of the sector respectively in real terms in Q3 2019.

As a whole the sector grew at 3.72% in nominal terms (year on year), with the growth rate of Financial Institutions as 3.25% while Insurance was 6.69%. The overall rate was higher than that in Q3 2018 by 5.89% points, and 2.74% points higher than the preceding quarter. Quarter on quarter growth rate was -14.16%. The sector's contribution to the overall nominal GDP was 2.40% in Q3 2019, lower than the 2.63% it contributed the previous year, and 3.03% recorded in the preceding quarter.

In real terms, growth in this sector stood at 1.07%, higher by 5.87% points from the rate recorded in Q3 2018, and 3.30% points higher than the rate recorded in the preceding quarter. Quarter on quarter, growth in real terms stood at -14.17%. The contribution of Finance and Insurance to real GDP amounted to 2.49%, lower than the contribution of 2.52% recorded in the third quarter of 2018 by -0.03% points, and the 3.17% recorded in Q2 2019 by -0.68% points.

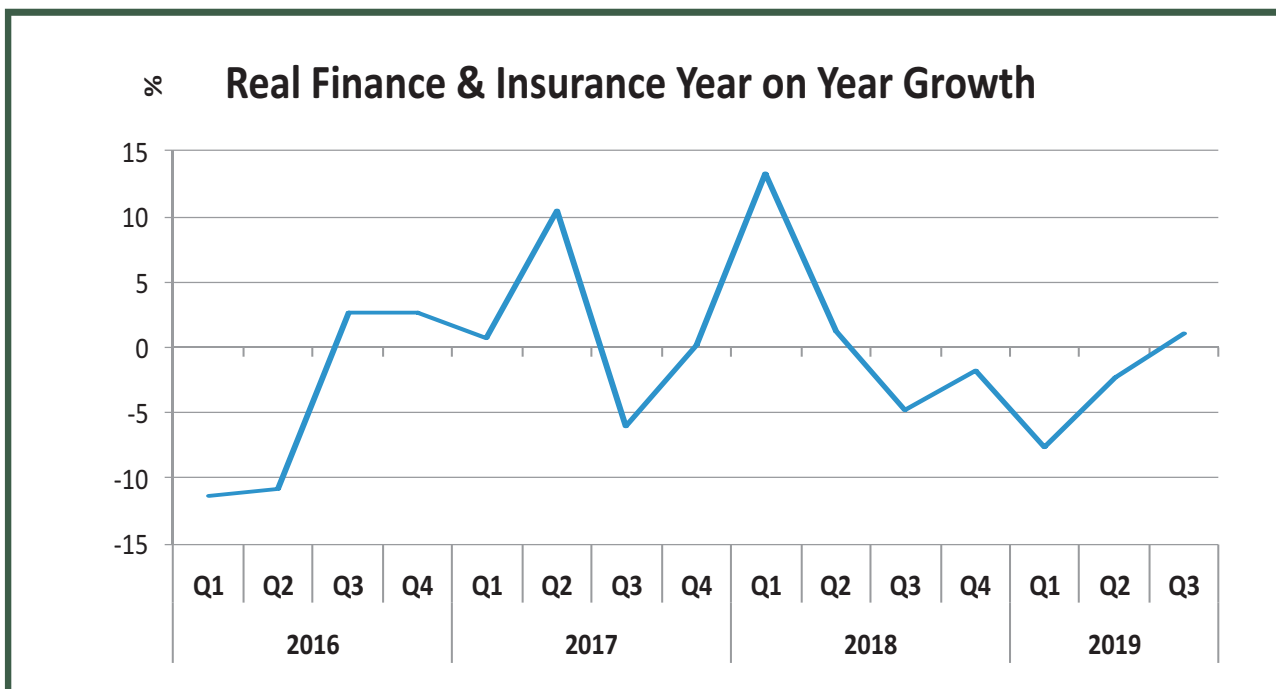


Figure 11: Finance and Insurance real growth

# GDP REPORT Q3 2019

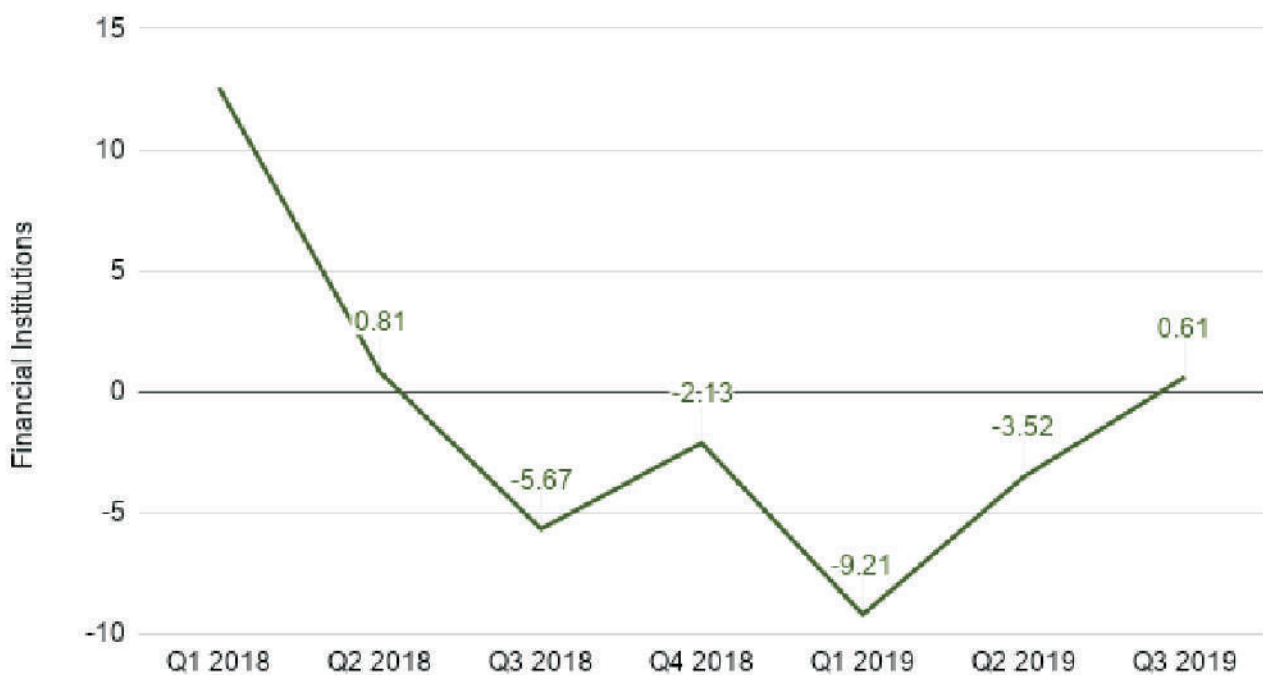
Financial Institutions: Q1 2018 – Q3 2019

## Financial Institutions



Financial Institutions under Finance and Insurance sector grew by 0.61% in Q3 2019 from -3.52% in Q2 2019 and -5.67% in Q3 2018.

Financial Institutions



# GDP REPORT Q3 2019

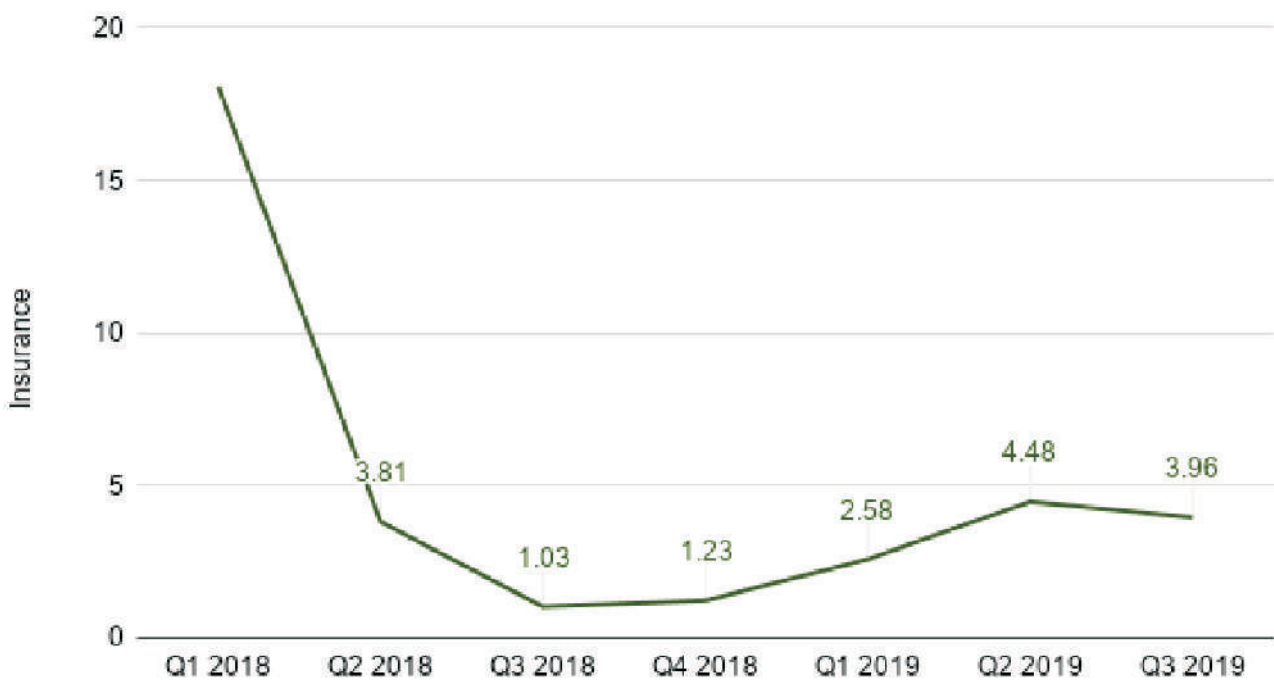
Insurance: Q1 2018 – Q3 2019

## Insurance



Insurance under Financial and Insurance sector grew by 3.96% in Q3 2019 from 4.48% in Q2 2019 and 1.03% in Q3 2018.

### Insurance



# GDP REPORT Q3 2019

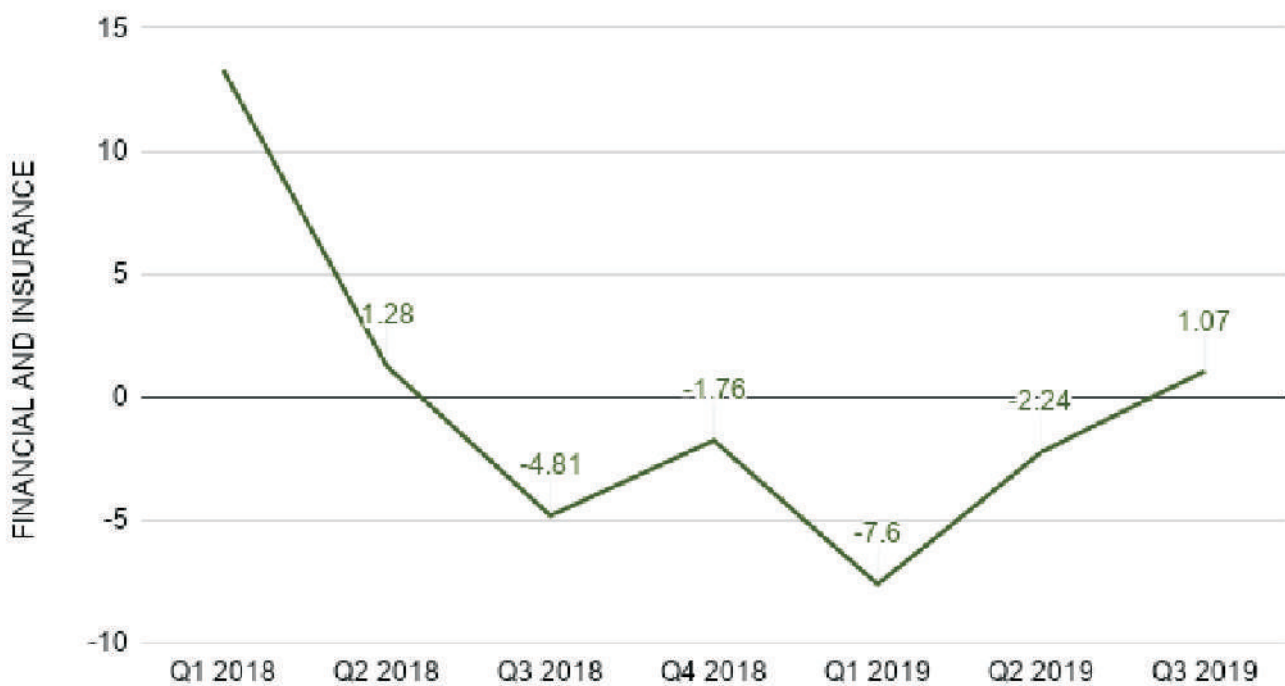
Financial and Insurance: Q1 2018 - Q3 2019

## Financial And Insurance



Financial and Insurance sector contracted by 1.07% in Q3 2019 from -2.24% in Q2 2019 and -4.81% in Q3 2018.

### FINANCIAL AND INSURANCE





## Administrative and Support Services

In nominal terms, the Administrative and Support Services sector grew by 5.75% (year on year) in Q3 2019, or 0.90% points higher compared to third quarter, 2018 and 0.37% points higher than the growth rate in the previous quarter. Quarter on quarter growth rate in the sector was 17.58% in Q3 2019. The contribution of Administrative and Support Services to nominal GDP was 0.02% in Q3 2019, same as it contributed in the same period in 2018 and in the preceding quarter.

In real terms, the sector recorded a growth rate of 3.05% (year-on-year), an increase of 1.02% points from the corresponding quarter of 2018 and 1.02% points from the rate recorded in Q2 2019. Quarter-on-quarter, the sector grew by 17.57% in Q3 2019. The sector's contribution to real GDP was 0.02% in Q3 2019, unchanged from the corresponding quarter in 2018 and Q2 2019.

# GDP REPORT Q3 2019

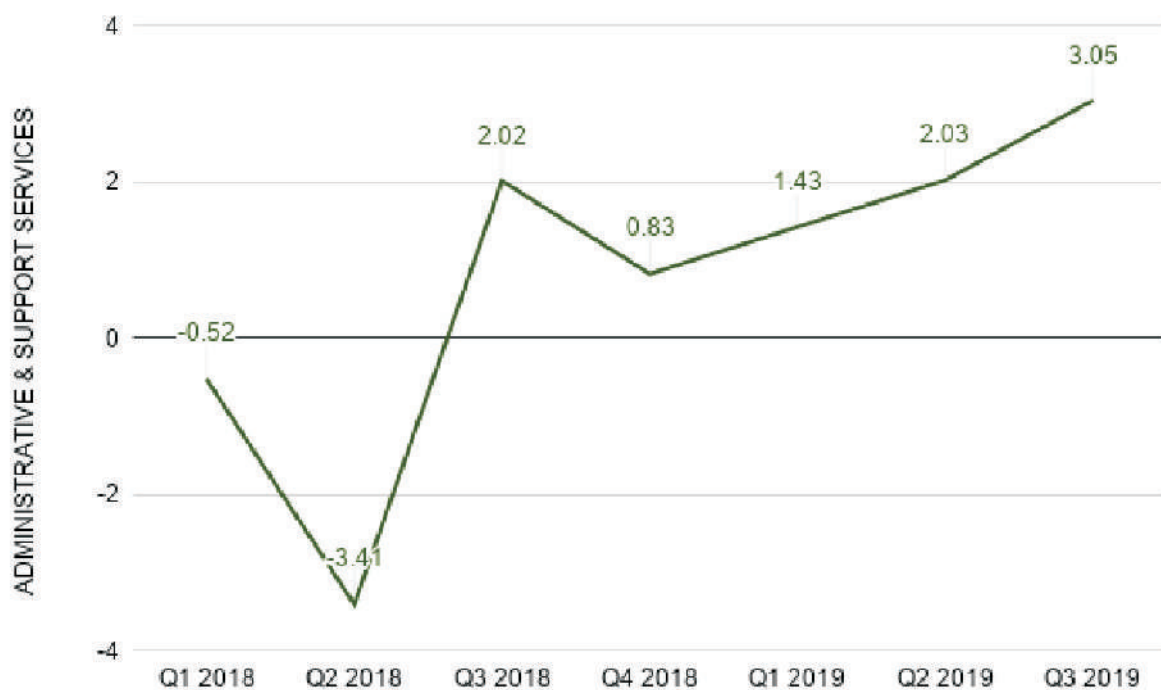
## Administrative & Support Services: Q1 2018 – Q3 2019

### Administrative & Support Services



Administrative & Support Services sector grew by 3.05% in Q3 2019 from 2.03% in Q2 2019 and 2.02% in Q3 2018.

#### ADMINISTRATIVE & SUPPORT SERVICES



## Professional, Scientific and Technical Services

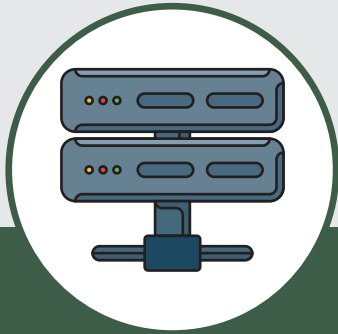
In third quarter 2019, Professional, Scientific and Technical Services recorded a nominal growth of -0.06% (year-on-year), which is -4.81% points lower than Q3 2018, and -4.59% points down from the rate recorded in Q2 2019. Quarter-on-quarter, the sector grew by 9.63%. The contribution of Professional, Scientific and Technical Services to nominal GDP was 3.44% in Q3 2019, down from the 3.90% contribution in Q3 2018, but up from the 3.39% recorded in Q2 2019.

Real growth in the sector was recorded at -2.62% in Q3 2019, a decrease of -4.54% points relative to the rate recorded in the corresponding period of 2018, and -3.82% points lower than that of Q2 2019. On a quarter-on-quarter basis, the sector grew by 9.63% in Q3 2019. Professional, Scientific and Technical Services contributed 3.57% to aggregate real GDP in Q3 2019, less than the 3.75% it contributed in Q3 2018, but slightly higher than 3.56% in Q2 2019.

# GDP REPORT Q3 2019

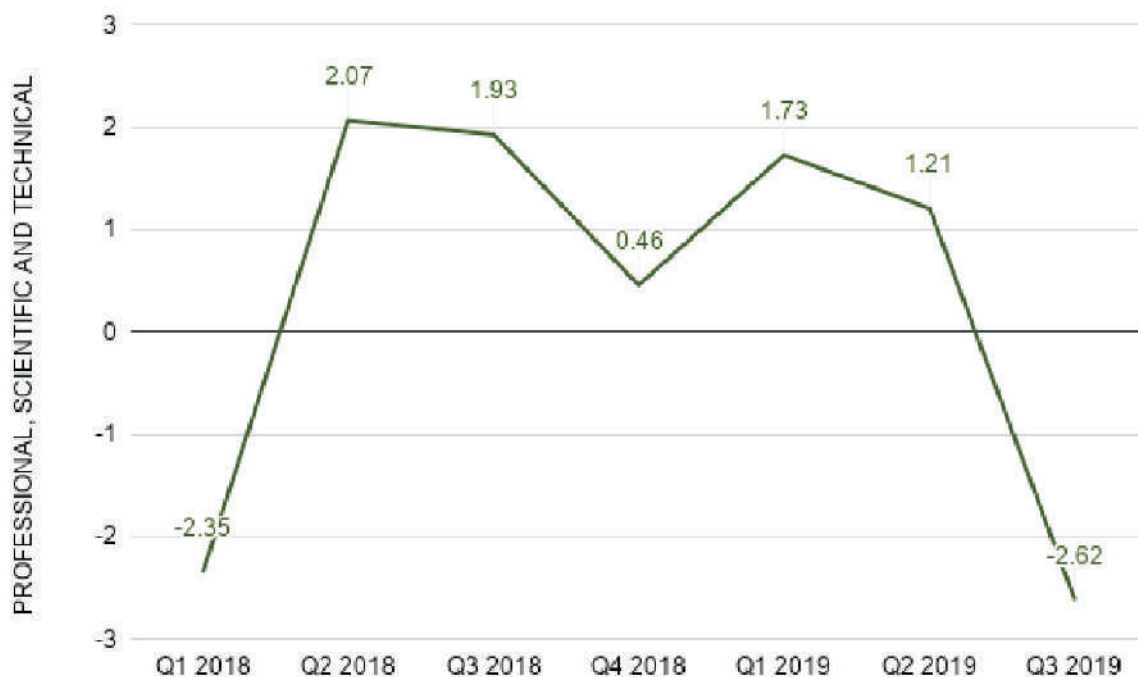
Professional, Scientific and Technical Services: Q1 2018 – Q3 2019

## Professional, Scientific and Technical Services



Professional, Scientific and Technical Services sector contracted by -2.62% in Q3 2019 from 1.21% in Q2 2019 and 1.93% in Q3 2018.

PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES



## Education

Nominal growth in the Education sector, in Q3 2019, was 7.56% (year-on-year), up by 1.36% points from the growth of 6.20% reported in the corresponding quarter of 2018, but down by -3.53% points when compared to the growth rate of 11.09% in Q2 2019. The contribution of Education to nominal GDP in Q3 2019 was 2.02%; down from 2.13% estimated in Q3 2018 but higher than 1.71% in Q2 2019.

Real growth in Education, year-on-year, stood at 1.19% in Q3 2019; an increase of 1.61% points from the corresponding quarter of 2018 (which was estimated at -0.42%). When compared with the previous quarter's rate of 0.96%, the sector increased by 0.23% points. The Sector contributed 2.12% to national real GDP in Q3 2019, slightly lower than 2.14% reported for the corresponding quarter in 2018 but higher than 1.77% recorded in Q2 2019.

# GDP REPORT Q3 2019

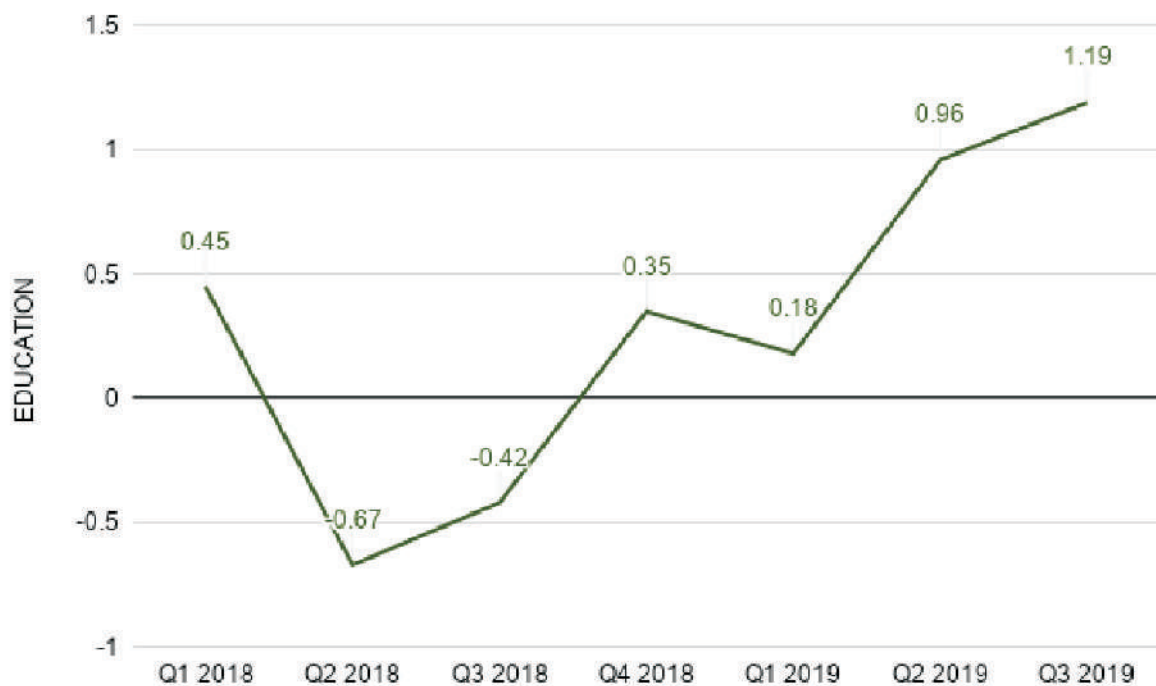
Education: Q1 2018 – Q3 2019

## Education



Education sector grew by 1.19% in Q3 2019 from 0.96% in Q2 2019 and -0.42% in Q3 2018.

### EDUCATION



## Public Administration

In nominal terms, the Public Administration sector grew by 3.24% in Q3 2019, or 1.45% points higher than the corresponding quarter of 2018, and 3.46% points higher relative to Q2 2019. Quarter-on-quarter, the sector grew by 0.18%. The contribution of Public Administration to nominal GDP stood at 1.92% in Q3 2019, lower than the 2.10% recorded in Q3 2018 by -0.19% points, as well as the 2.07% recorded in Q2 2019 by -0.15% points.

In real terms, the sector recorded a growth rate of 0.61% (year on year) in Q3 2019, or 1.55% points higher than the Q3 2018 rate, and 4.00% points higher than Q2 2019 rate. On quarter on quarter basis, the sector grew by 0.18% in Q3 2019. The contribution of Public Administration to real GDP stood at 1.99% in Q3 2019, lower when compared to 2.02% in Q3 2018 and 2.17% in Q2 2019.

# GDP REPORT Q3 2019

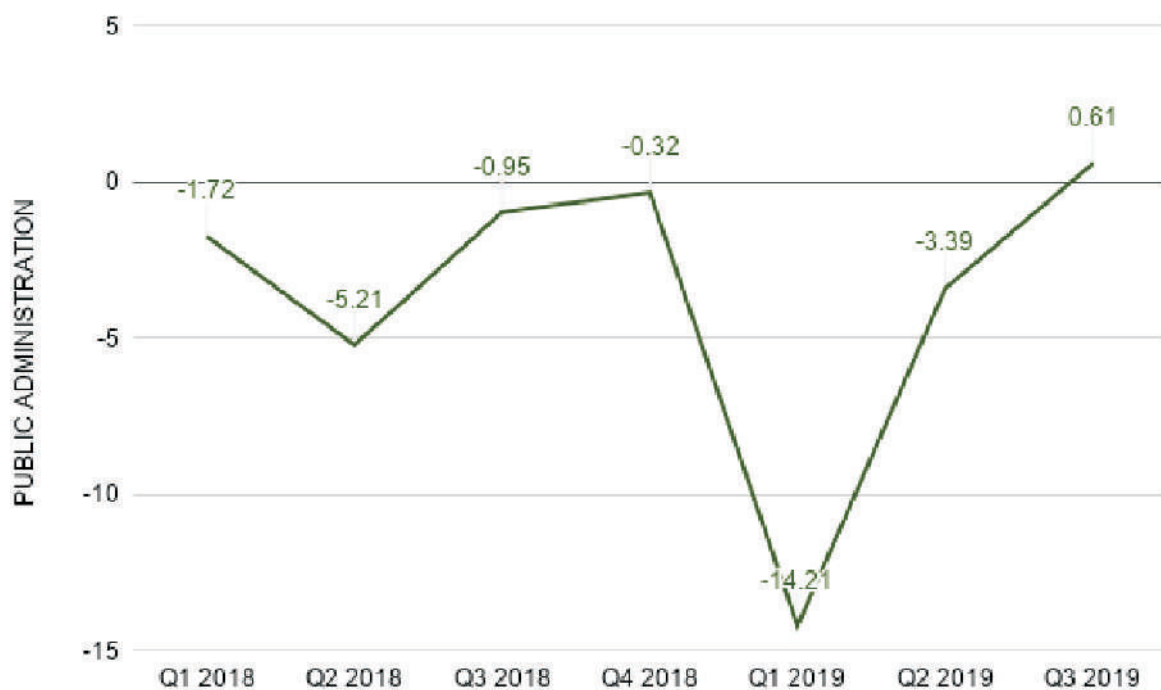
Public Administration: Q1 2018 – Q3 2019

## Public Administration



Public Administration sector grew by 0.61% in Q3 2019 from -3.39% in Q2 2019 and -0.95% in Q3 2018.

### PUBLIC ADMINISTRATION





## Human Health and Social Services

The year on year growth rate for Human Health and Social Services, in nominal terms, was 6.83%, an increase relative to the growth rate of 5.52% reported in the same quarter of 2018. Quarter on quarter growth was -7.36%. The contribution to nominal GDP was 0.58% in Q3 2019, down from the 0.62% recorded in Q3 2018, as well as from the 0.68% recorded in Q2 2019.

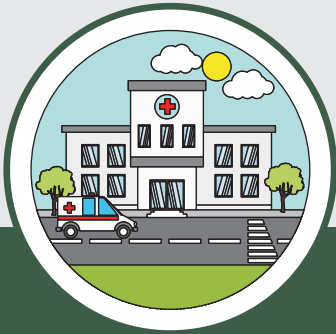
Real GDP growth of Human Health and Social Services for Q3 2019 stood at 0.86% (year-on-year) compared to -0.68% for the corresponding period of 2018. Quarter-on-quarter, this sector grew by -1.38%.

The contribution of Human Health and Social Services to real GDP was 0.64% in Q3 2019, slightly down from 0.65% recorded in Q3 2018 and down from the 0.71% recorded for the preceding quarter.

# GDP REPORT Q3 2019

## Human Health and Social Services: Q1 2018 – Q3 2019

### Human Health and Social Services



Human Health and Social Services sector grew by 0.86% in Q3 2019 from 1.13% in Q2 2019 and -0.68% in Q3 2018.

HUMAN HEALTH AND SOCIAL SERVICES



## Other Services

In nominal terms, Other Services grew by 3.68% (year-on-year) in Q3 2019. This rate is lower than the 5.71% growth rate recorded in the same quarter of the previous year, as well as the growth rate of 5.92% recorded in Q2 2019 by -2.02% points and -2.24% points respectively. Quarter on quarter growth was -13.47%. This sector contributed 2.43% to aggregate nominal GDP in Q3 2019, lower than the 2.65% it contributed in the same period of the previous year and the 3.03% it contributed in the preceding quarter.

Other Services real GDP grew by 1.03% (year-on-year) in Q3 2019. The rate was lower by -1.83% points than the growth recorded in the same period of the previous year, and lower by -1.52% points from Q2 2019. Quarter on quarter growth was -13.47%. The sector contributed 2.52% to real GDP in Q3 2019 as against the 2.55% reported for the corresponding quarter of 2018 and the 3.18% recorded in Q2 2019.

# GDP REPORT Q3 2019

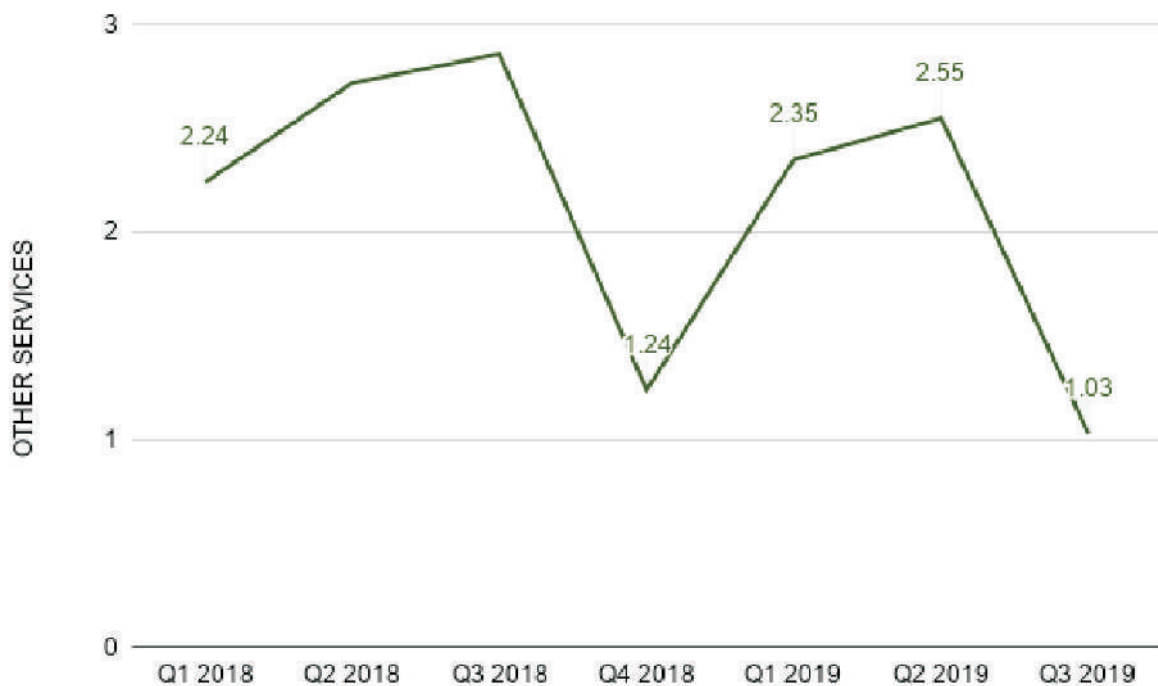
Other Services: Q1 2018 – Q3 2019

## Other Services



Other Services sector grew by 1.03% in Q3 2019 from 2.55% in Q2 2019 and 2.86% in Q3 2018.

OTHER SERVICES



# GDP REPORT Q3 2019

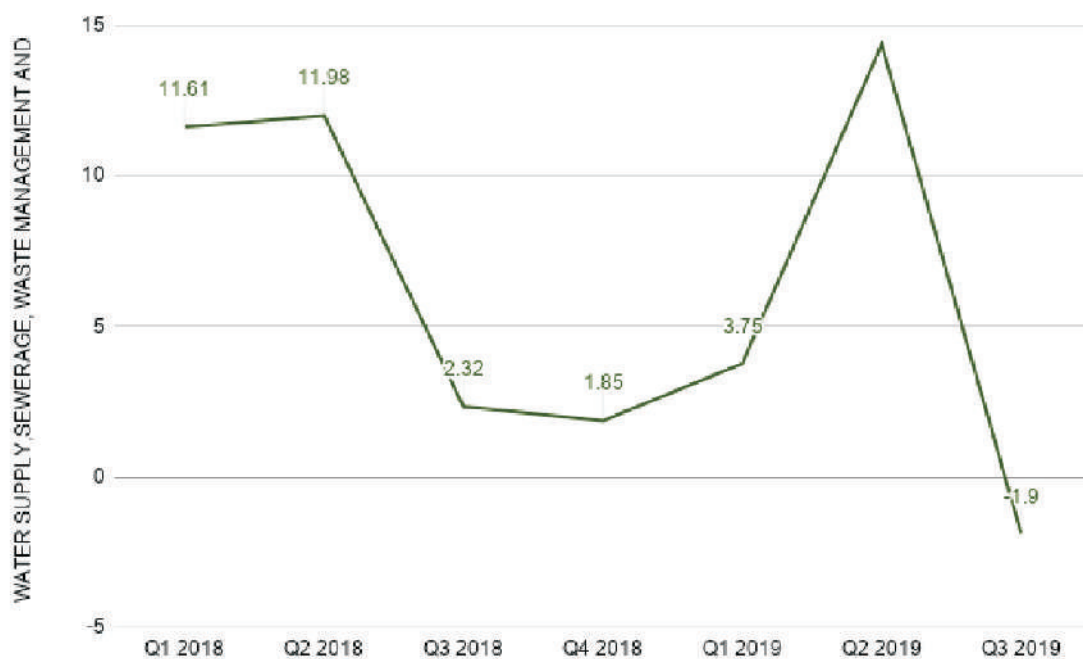
Water Supply, Sewerage, Waste Management and Remediation: Q1 2018 – Q3 2019

## Water Supply, Sewerage, Waste Management And Remediation



Water Supply, Sewerage, Waste Management And Remediation sector contracted by -1.90% in Q3 2019 from 14.35% in Q2 2019 and 2.32% in Q3 2018.

WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION



# GDP REPORT Q3 2019

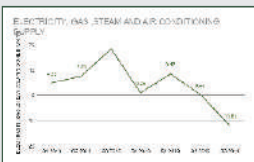
Industries: Q1 2018 – Q3 2019

## Industries

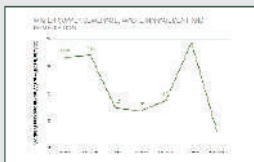


Industries sector grew by 3.21% in Q3 2019 from 2.84% in Q2 2019 and -0.11% in Q3 2018.

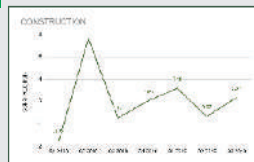
ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY



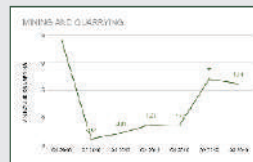
WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION



CONSTRUCTION



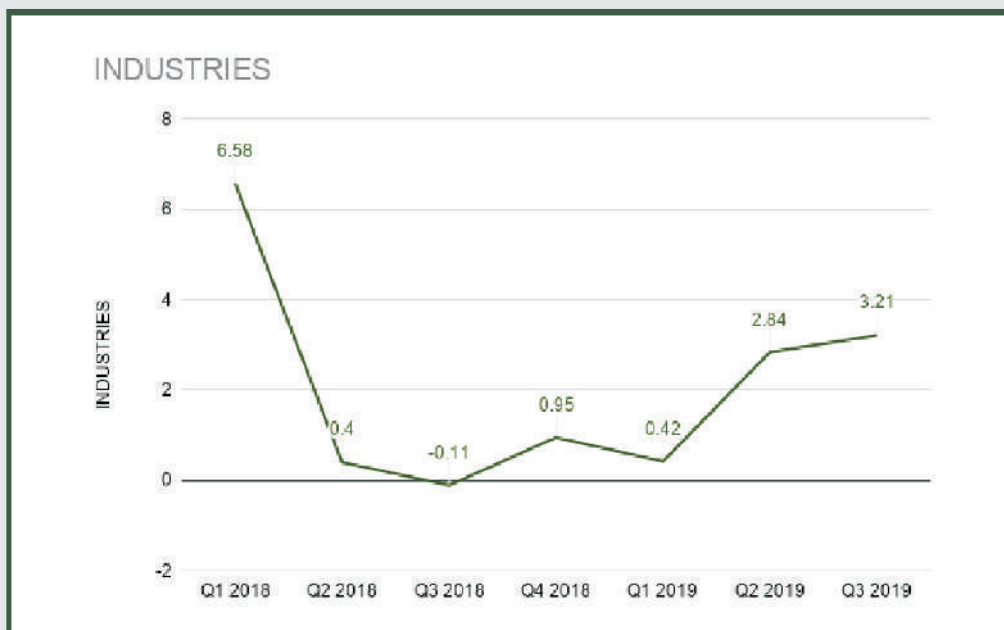
MINING AND QUARRYING



MANUFACTURING



## INDUSTRIES



# GDP REPORT Q3 2019

Services: Q1 2018 – Q3 2019

## Services

### TRADE

#### ACCOMMODATION AND FOOD SERVICES

#### TRANSPORTATION AND STORAGE

- Road Transport
- Rail Transport & Pipelines
- Water Transport
- Air Transport
- Transport Services
- Post and Courier Services

#### INFORMATION AND COMMUNICATION

- Telecommunications
- Publishing,  
Motion Pictures, Sound recording and Music production
- Broadcasting

#### ARTS, ENTERTAINMENT AND RECREATION

#### FINANCIAL AND INSURANCE

- Financial Institutions
- Insurance

#### REAL ESTATE

#### PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES

#### ADMINISTRATIVE & SUPPORT SERVICES

#### PUBLIC ADMINISTRATION

#### EDUCATION

#### HUMAN HEALTH AND SOCIAL SERVICES

#### OTHER SERVICES

# GDP REPORT Q3 2019

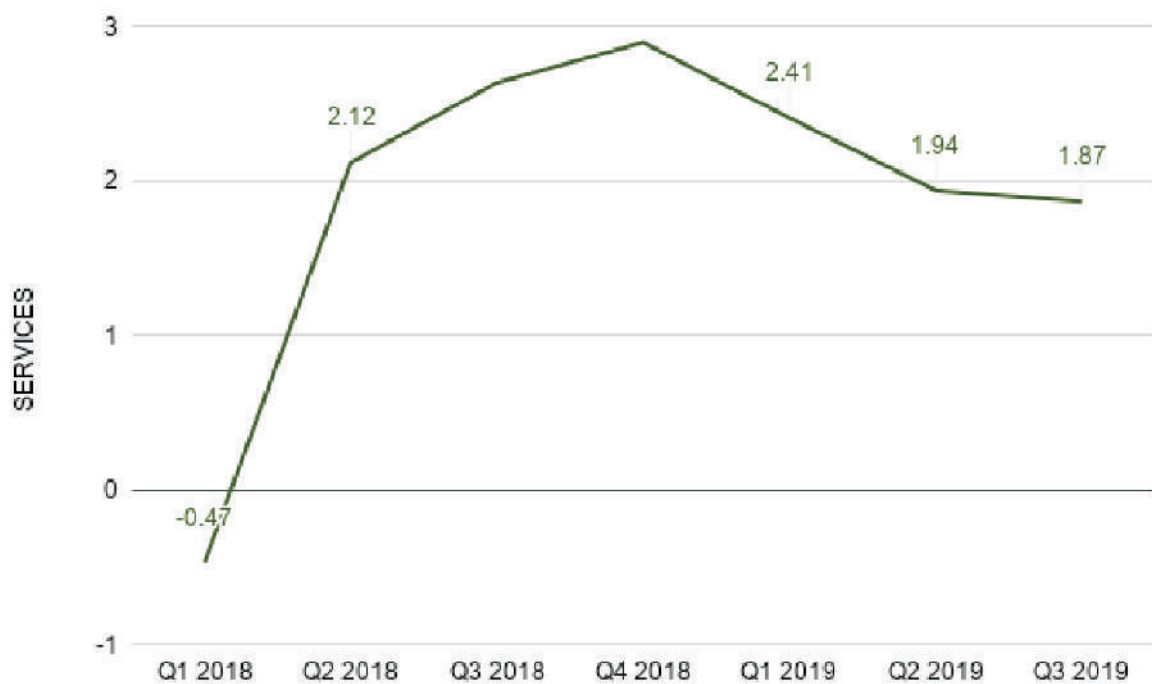
Services: Q1 2018 – Q3 2019

## Services



Services sector grew by 1.87% in Q3 2019 from 1.94% in Q2 2019 and 2.64% in Q3 2018.

### 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, analyze 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,

# Methodological Notes

royalty, travelling allowance, special clothing used at work, rents on machinery & buildings, Spare Parts etc.

## 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

**NOTE:** For manufacturing firms where activities are non-operational (e.g an oil refining plant closed for maintenance), and hence not producing, the cost approach specified by SNA 2008 is applied. In this case:

Gross output = compensation of employees + intermediate consumption + consumption of fixed capital

Intermediate consumption = overhead cost

Value added = Gross output – intermediate consumption

## 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. ACCOMODATION AND FOOD SERVICES

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

# Methodological Notes

**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 sub-economic activities.

### 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.

### 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.



# Methodological Notes

## 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

# Methodological Notes

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.

## 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):**

# Methodological Notes

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

## Gross Domestic Product At Current Basic Prices (=N=Million)

	2018				2019			
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3
ACTIVITY SECTOR								
AGRICULTURE	4,957,858.30	5,764,580.85	8,516,631.92	8,132,224.70	27,371,295.76	6,077,201.94	6,788,601.66	9,783,542.88
1. Crop Production	4,201,158.94	5,040,537.40	7,761,398.05	7,204,703.55	24,207,797.93	5,174,393.33	5,947,453.57	8,963,201.89
2. Livestock	479,988.00	481,746.01	495,605.98	591,262.16	2,048,602.16	514,932.01	500,680.74	497,422.38
3. Forestry	60,024.07	70,007.69	65,263.98	77,494.90	272,790.64	65,980.47	77,863.37	66,570.45
4. Fishing	216,687.29	172,289.75	194,363.91	258,764.08	842,105.03	321,896.13	262,603.99	256,348.16
MINING AND QUARRYING	3,937,558.75	3,781,731.23	3,521,380.60	2,407,993.90	13,648,664.47	3,176,732.30	3,145,659.94	3,732,094.99
5. Crude Petroleum and Natural Gas	3,921,287.24	3,728,989.91	3,452,485.75	2,321,111.08	13,423,873.98	3,148,350.00	3,059,667.28	3,624,334.40
6. Coal Mining	3,277.28	3,199.78	779.70	2,525.34	9,782.10	5,157.03	4,119.97	1,120.29
7. Metal Ores	5,230.87	2,256.54	2,047.24	1,369.38	10,904.02	4,794.35	2,597.76	2,231.51
8. Quarrying and Other Minerals	7,763.36	47,285.00	66,067.91	82,988.10	204,104.37	18,430.92	79,274.94	104,408.79
MANUFACTURING	2,638,822.65	2,914,506.10	3,340,582.52	3,561,616.63	12,455,527.91	3,600,595.99	4,015,809.43	4,666,587.41
9. Oil Refining	41,551.21	54,296.69	55,485.44	59,326.00	210,659.34	21,915.32	42,651.71	38,764.60
10. Cement	251,811.33	304,027.71	386,990.79	402,920.84	1,345,750.67	469,994.42	481,080.24	652,102.92
11. Food, Beverage and Tobacco	1,193,619.15	1,269,942.41	1,394,538.30	1,474,258.93	5,332,358.79	1,469,652.37	1,512,871.82	1,674,423.89
12. Textile, Apparel and Footwear	610,644.02	681,231.74	799,453.43	874,360.09	2,965,689.27	858,939.41	893,764.81	1,053,410.96
13. Wood and Wood Products	82,187.10	81,682.72	90,935.08	95,550.45	350,355.36	100,006.97	106,250.34	118,772.89
14. Pulp, Paper and Paper Products	23,769.27	29,575.65	35,607.38	39,634.88	128,587.19	41,235.67	48,417.01	58,777.08
15. Chemical and Pharmaceutical Products	55,229.45	68,122.84	77,178.01	79,403.69	279,933.99	77,164.29	134,497.15	148,526.78
16. Non-Metallic Products	110,213.67	141,043.79	168,800.41	170,158.67	590,216.54	190,183.63	220,420.51	266,762.86
17. Plastic and Rubber products	83,997.97	93,637.40	103,396.30	108,795.94	389,827.61	111,996.49	196,787.56	206,665.22
18. Electrical and Electronics	1,400.15	2,202.04	2,696.46	2,709.16	9,007.81	2,094.15	4,421.72	5,171.13
19. Basic metal, Iron and Steel	58,821.56	65,186.21	75,615.46	82,683.14	282,306.36	75,445.25	133,595.31	145,846.56
20. Motor vehicles & assembly	19,639.59	27,612.27	29,317.90	37,449.12	114,018.88	54,394.97	32,686.74	43,763.33
21. Other Manufacturing	105,938.17	95,944.63	120,567.56	134,365.73	456,816.09	127,573.06	208,364.51	253,599.20
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	81,146.88	222,463.20	239,671.93	328,271.07	871,553.07	114,709.87	288,647.51	270,419.56
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	45,463.50	62,184.23	56,445.53	47,430.16	211,523.43	63,475.58	95,959.65	74,628.41
24. CONSTRUCTION	1,174,608.22	1,680,686.49	1,402,656.04	1,773,110.02	6,031,060.77	1,961,424.27	2,400,060.43	2,087,138.94
25. TRADE	5,144,977.56	5,208,238.20	5,490,402.86	6,074,826.04	21,918,444.66	5,392,759.49	5,365,910.12	5,552,617.06
26. ACCOMMODATION AND FOOD SERVICES	291,126.93	193,615.38	300,286.75	359,336.82	1,144,365.87	379,311.55	232,683.86	358,633.23
TRANSPORTATION AND STORAGE	526,693.31	524,603.88	553,963.98	723,106.62	2,328,367.79	792,085.09	658,669.78	767,788.81
27. Road Transport	475,445.71	466,019.91	479,054.58	638,418.07	2,058,938.27	728,473.03	592,299.55	676,237.25
28. Rail Transport & Pipelines	38.20	107.40	71.14	127.10	343.84	36.87	112.28	75.36
29. Water Transport	1,578.84	2,851.05	3,144.49	2,284.15	9,858.53	1,628.91	2,887.41	3,239.54
30. Air Transport	29,228.69	31,449.12	42,027.74	46,647.14	149,352.70	40,878.71	36,426.97	57,562.27
31. Transport Services	12,101.72	21,041.46	26,620.63	29,244.58	89,008.40	12,602.84	22,569.55	27,611.79
32. Post and Courier Services	8,300.14	3,134.93	3,045.40	6,385.59	20,866.06	8,464.72	4,374.02	3,062.58
INFORMATION AND COMMUNICATION	3,027,928.82	3,443,244.52	2,903,028.60	3,605,671.15	12,979,873.09	3,374,478.95	4,839,196.73	3,227,863.60
33. Telecommunications & Information Services	2,138,814.13	2,529,674.68	2,229,516.15	2,769,302.85	9,667,307.82	2,460,192.27	3,782,643.68	2,542,880.08
34. Publishing	9,362.36	9,098.50	7,761.36	8,511.35	34,733.58	9,545.81	10,583.20	8,096.68
35. Motion Pictures, Sound recording and Music production	367,473.24	294,808.01	275,889.65	312,010.72	1,250,181.62	375,329.70	328,295.51	280,579.99
36. Broadcasting	512,279.09	609,663.32	389,861.44	515,846.23	2,027,650.08	529,411.17	717,674.34	396,306.85
37. ARTS, ENTERTAINMENT AND RECREATION	80,673.94	65,993.58	57,970.08	64,438.06	269,075.66	87,277.21	75,886.96	60,042.01
FINANCIAL AND INSURANCE	1,069,635.98	1,048,916.59	876,549.21	1,001,653.28	3,996,755.06	1,027,277.79	1,059,156.63	909,138.14
38. Financial Institutions	922,832.19	880,896.48	756,430.89	888,840.52	3,449,000.07	870,767.54	877,839.42	780,986.57
39. Insurance	146,803.79	168,020.11	120,118.32	112,812.76	547,754.99	156,510.25	181,317.21	128,151.57
40. REAL ESTATE	1,670,919.80	2,176,477.68	2,294,971.07	2,490,448.56	8,632,817.11	1,842,549.42	2,221,912.32	2,380,177.00
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	1,057,575.87	1,135,846.17	1,302,500.63	1,366,565.87	4,862,488.55	1,118,243.22	1,187,336.05	1,301,697.41
42. ADMINISTRATIVE & SUPPORT SERVICES	6,195.17	6,347.36	7,437.14	7,615.25	27,594.92	6,531.21	6,689.04	7,864.81
43. PUBLIC ADMINISTRATION	671,401.66	725,467.14	702,381.88	826,844.31	2,926,094.99	598,654.42	723,874.69	725,172.65
44. EDUCATION	597,242.17	537,206.62	709,266.80	890,811.51	2,734,527.11	654,821.02	596,797.81	762,886.33
45. HUMAN HEALTH AND SOCIAL SERVICES	187,570.40	206,193.50	206,827.74	221,099.49	821,691.13	203,886.34	238,498.35	220,949.72
46. OTHER SERVICES	1,271,204.34	1,001,264.08	885,093.86	1,347,544.18	4,505,106.46	1,352,334.01	1,060,526.99	917,681.46
GDP Current Basic Price	28,438,604.23	30,699,566.80	33,368,049.14	35,230,607.63	127,736,827.81	31,824,349.67	35,001,877.95	37,806,924.41
Net Indirect Taxes on Products	244,341.51	255,730.32	412,980.70	437,027.11	1,350,079.64	261,770.54	299,076.86	415,414.98
GDP Current Market Price	28,682,945.74	30,955,297.12	33,781,029.84	35,667,634.75	129,086,907.45	32,086,120.21	35,300,954.81	38,222,339.39



# Appendix

## Gross Domestic Product At 2010 Constant Basic Prices (=N=Million)

	2018					2019		
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3
ACTIVITY SECTOR								
AGRICULTURE	3,487,312.92	3,789,720.12	5,288,339.21	4,978,775.48	17,544,147.74	3,597,916.08	3,857,705.59	5,408,978.92
1. Crop Production	3,045,163.11	3,378,030.03	4,877,078.38	4,486,166.16	15,786,437.68	3,144,587.69	3,443,607.45	4,994,729.88
2. Livestock	292,386.84	283,577.69	291,160.54	341,002.97	1,208,128.04	294,971.65	283,559.35	291,218.38
3. Forestry	41,360.26	48,008.51	43,341.10	50,038.06	182,747.93	42,265.37	49,559.78	44,980.39
4. Fishing	108,402.70	80,103.89	76,759.20	101,568.29	366,834.08	116,091.37	80,979.01	78,050.27
MINING AND QUARRYING	1,548,225.31	1,443,693.77	1,723,877.25	1,376,680.75	6,092,477.10	1,527,062.47	1,544,772.80	1,830,511.94
5. Crude Petroleum and Natural Gas	1,537,038.44	1,418,073.13	1,696,606.69	1,344,156.80	5,995,875.07	1,514,641.29	1,519,802.94	1,806,746.96
6. Coal Mining	2,471.38	2,208.65	500.07	1,637.13	6,817.23	3,239.94	2,377.16	661.03
7. Metal Ores	3,944.57	1,557.58	1,313.01	887.74	7,702.90	3,012.08	1,498.87	1,215.28
8. Quarrying and Other Minerals	4,770.92	21,854.40	25,457.48	29,999.09	82,081.90	6,169.16	21,093.83	21,888.67
MANUFACTURING	1,595,563.65	1,539,566.75	1,599,043.51	1,686,416.37	6,420,590.28	1,608,461.83	1,537,522.17	1,616,584.64
9. Oil Refining	29,128.31	37,205.77	36,639.22	40,030.06	143,003.37	14,673.75	28,338.82	25,365.06
10. Cement	148,250.54	137,468.62	144,935.65	145,972.51	576,627.31	152,413.88	139,646.42	154,895.44
11. Food, Beverage and Tobacco	723,935.98	702,369.81	718,419.37	755,419.86	2,900,145.02	736,653.78	710,910.06	739,803.77
12. Textile, Apparel and Footwear	355,922.43	339,763.03	359,355.44	387,988.95	1,443,029.85	359,513.71	334,927.71	355,317.85
13. Wood and Wood Products	52,485.21	47,750.80	49,514.43	51,598.09	201,348.53	53,216.94	48,320.14	51,185.53
14. Pulp, Paper and Paper Products	13,077.73	12,816.42	13,226.74	14,139.01	53,259.90	13,346.55	13,115.32	13,495.94
15. Chemical and Pharmaceutical Products	36,471.10	38,716.31	39,397.06	40,347.90	154,932.37	37,075.43	38,225.08	39,448.21
16. Non-Metallic Products	58,297.11	59,249.05	61,067.95	59,344.00	237,958.11	60,435.70	59,818.80	61,631.96
17. Plastic and Rubber products	55,745.29	55,264.03	55,993.74	58,864.47	225,867.53	58,176.95	56,513.87	56,571.96
18. Electrical and Electronics	924.42	1,214.13	1,317.60	1,300.95	4,757.11	938.49	1,244.08	1,331.09
19. Basic metal , Iron and Steel	40,114.96	39,731.73	42,371.80	46,198.52	168,417.01	40,712.62	38,515.23	40,229.67
20. Motor vehicles & assembly	7,671.82	7,506.68	6,276.92	7,144.72	28,600.15	8,693.62	7,394.15	6,181.66
21. Other Manufacturing	73,538.72	60,510.37	70,527.59	78,067.34	282,644.02	72,610.43	60,552.50	71,126.52
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	31,999.70	77,314.49	75,956.04	104,022.07	289,292.30	34,708.73	77,649.42	66,983.83
23. WATER SUPPLY,SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	29,027.55	34,491.52	28,554.64	23,706.39	115,780.10	30,116.67	39,442.02	28,011.32
24. CONSTRUCTION	650,767.19	747,860.30	544,228.74	662,431.53	2,605,287.77	671,448.37	752,833.66	557,147.53
25. TRADE	2,747,170.57	2,728,125.96	2,857,370.77	3,141,123.70	11,473,791.00	2,770,454.69	2,721,316.70	2,815,887.74
26. ACCOMMODATION AND FOOD SERVICES	176,498.35	105,401.85	157,259.25	181,031.20	620,190.65	183,831.29	108,482.91	160,848.58
TRANSPORTATION AND STORAGE	241,534.71	216,351.50	221,416.44	277,338.67	956,641.32	288,637.00	233,705.81	261,809.92
27. Road Transport	211,696.02	185,620.85	183,288.85	234,630.76	815,236.49	257,171.01	200,853.16	220,274.94
28. Rail Transport & Pipelines	20.52	56.91	37.53	66.75	181.70	19.28	57.06	39.05
29. Water Transport	793.35	1,413.58	1,552.08	1,122.36	4,881.37	796.81	1,397.98	1,570.49
30. Air Transport	16,484.02	15,748.09	20,155.77	21,425.56	73,813.44	17,982.42	17,687.34	23,226.12
31. Transport Services	6,547.26	11,272.45	14,214.40	15,564.07	47,598.18	6,685.19	11,483.47	14,550.41
32. Post and Courier Services	5,993.54	2,239.60	2,167.83	4,529.17	14,930.14	5,982.30	2,226.80	2,148.91
INFORMATION AND COMMUNICATION	1,999,209.11	2,259,564.73	1,907,885.53	2,360,999.95	8,527,659.33	2,188,810.43	2,463,113.02	2,096,318.89
33. Telecommunications & Information Services	1,479,871.91	1,728,588.59	1,517,102.16	1,876,514.38	6,602,077.04	1,660,075.09	1,924,618.87	1,701,527.77
34. Publishing	5,351.28	5,148.67	4,377.28	4,784.17	19,661.40	5,347.64	5,385.39	4,505.47
34. Motion Pictures, Sound recording and Music production	214,692.33	171,390.90	160,128.07	180,794.49	727,005.79	217,126.20	167,325.29	161,779.40
36. Broadcasting	299,293.60	354,436.58	226,278.02	298,906.90	1,178,915.10	306,261.49	365,783.47	228,506.26
37.ARTS, ENTERTAINMENT AND RECREATION	47,132.89	38,366.32	33,646.20	37,338.61	156,484.02	50,489.39	38,677.98	34,619.58
FINANCIAL AND INSURANCE	571,134.17	549,432.74	456,182.57	517,927.07	2,094,676.55	527,749.58	537,150.37	461,049.43
38. Financial Institutions	492,748.00	461,422.17	393,669.38	459,594.73	1,807,434.28	447,344.63	445,195.51	396,060.18
39. Insurance	78,386.16	88,010.57	62,513.19	58,332.34	287,242.27	80,404.95	91,954.87	64,989.25
40. REAL ESTATE	907,593.68	1,131,763.57	1,175,656.69	1,256,847.82	4,471,861.75	916,064.55	1,088,267.52	1,148,470.43
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	564,694.65	594,967.30	677,860.50	706,613.23	2,544,135.68	574,481.80	602,156.45	660,127.24
42. ADMINISTRATIVE & SUPPORT SERVICES	3,307.92	3,324.81	3,870.51	3,937.63	14,440.88	3,355.32	3,392.34	3,988.47
43. PUBLIC ADMINISTRATION	358,496.20	380,006.76	365,540.65	427,538.21	1,531,581.82	307,550.32	367,112.43	367,755.38
44. EDUCATION	345,537.77	297,293.69	386,568.22	478,161.40	1,507,561.07	346,165.27	300,161.48	391,169.57
45. HUMAN HEALTH AND SOCIAL SERVICES	112,685.85	118,790.00	117,455.89	123,769.86	472,701.60	112,506.18	120,126.87	118,468.79
46. OTHER SERVICES	678,761.98	524,471.89	460,629.46	696,777.64	2,360,640.98	694,742.66	537,845.35	465,381.99
GDP at 2010 constant price	16,096,654.19	16,580,508.07	18,081,342.10	19,041,437.59	69,799,941.95	16,434,552.65	16,931,434.89	18,494,114.17
Net Indirect Taxes on Products	138,300.77	138,117.21	223,784.30	236,204.40	736,406.67	135,182.08	144,657.46	203,209.65
GDP Constant Market Price	16,234,954.95	16,718,625.28	18,305,126.40	19,277,641.99	70,536,348.62	16,569,734.73	17,047,418.43	18,697,323.82

# Appendix

## Gross Domestic Product At Current Basic Prices Percentage Distribution

ACTIVITY SECTOR	2018					2019			
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	
AGRICULTURE									
1. Crop Production	14.77	16.42	23.26	20.45	18.95	16.26	16.99	23.71	
2. Livestock	1.69	1.57	1.49	1.68	1.60	1.62	1.43	1.32	
3. Forestry	0.21	0.23	0.20	0.22	0.21	0.21	0.22	0.18	
4. Fishing	0.76	0.56	0.58	0.73	0.66	1.01	0.75	0.68	
MINING AND QUARRYING	-	-	-	-	-	-	-	-	
5. Crude Petroleum and Natural Gas	13.79	12.15	10.35	6.59	10.51	9.89	8.74	9.59	
6. Coal Mining	0.01	0.01	0.00	0.01	0.01	0.02	0.01	0.00	
7. Metal Ores	0.02	0.01	0.01	0.00	0.01	0.02	0.01	0.01	
8. Quarrying and Other Minerals	0.03	0.15	0.20	0.24	0.16	0.06	0.23	0.28	
MANUFACTURING	-	-	-	-	-	-	-	-	
9. Oil Refining	0.15	0.18	0.17	0.17	0.16	0.07	0.12	0.10	
10. Cement	0.89	0.99	1.16	1.14	1.05	1.48	1.37	1.72	
11. Food, Beverage and Tobacco	4.20	4.14	4.18	4.18	4.17	4.62	4.32	4.43	
12. Textile, Apparel and Footwear	2.15	2.22	2.40	2.48	2.32	2.70	2.55	2.79	
13. Wood and Wood Products	0.29	0.27	0.27	0.27	0.27	0.31	0.30	0.31	
14. Pulp, Paper and Paper Products	0.08	0.10	0.11	0.11	0.10	0.13	0.14	0.16	
15. Chemical and Pharmaceutical Products	0.19	0.22	0.23	0.23	0.22	0.24	0.38	0.39	
16. Non-Metallic Products	0.39	0.46	0.51	0.48	0.46	0.60	0.63	0.71	
17. Plastic and Rubber products	0.30	0.31	0.31	0.31	0.31	0.35	0.56	0.55	
18. Electrical and Electronics	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
19. Basic metal , Iron and Steel	0.21	0.21	0.23	0.23	0.22	0.24	0.38	0.39	
20. Motor vehicles & assembly	0.07	0.09	0.09	0.11	0.09	0.17	0.09	0.12	
21. Other Manufacturing	0.37	0.31	0.36	0.38	0.36	0.40	0.60	0.67	
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	0.29	0.72	0.72	0.93	0.68	0.36	0.82	0.72	
23. WATER SUPPLY,SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	0.16	0.20	0.17	0.13	0.17	0.20	0.27	0.20	
24. CONSTRUCTION	4.13	5.47	4.20	5.03	4.72	6.16	6.86	5.52	
25. TRADE	18.09	16.97	16.45	17.24	17.16	16.95	15.33	14.69	
26. ACCOMMODATION AND FOOD SERVICES	1.02	0.63	0.90	1.02	0.90	1.19	0.66	0.95	
TRANSPORTATION AND STORAGE	-	-	-	-	-	-	-	-	
27. Road Transport	1.67	1.52	1.44	1.81	1.61	2.29	1.69	1.79	
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	0.10	0.13	0.13	0.12	0.13	0.10	0.15	
31. Transport Services	0.04	0.07	0.08	0.08	0.07	0.04	0.06	0.07	
32. Post and Courier Services	0.03	0.01	0.01	0.02	0.02	0.03	0.01	0.01	
INFORMATION AND COMMUNICATION	-	-	-	-	-	-	-	-	
33. Telecommunications & Information Services	7.52	8.24	6.68	7.86	7.57	7.73	10.81	6.73	
34. Publishing,	0.03	0.03	0.02	0.02	0.03	0.03	0.03	0.02	
34. Motion Pictures, Sound recording and Music production	1.29	0.96	0.83	0.89	0.98	1.18	0.94	0.74	
36. Broadcasting	1.80	1.99	1.17	1.46	1.59	1.66	2.05	1.05	
37. ARTS, ENTERTAINMENT AND RECREATION	0.28	0.21	0.17	0.18	0.21	0.27	0.22	0.16	
FINANCIAL AND INSURANCE	-	-	-	-	-	-	-	-	
38. Financial Institutions	3.24	2.87	2.27	2.52	2.70	2.74	2.51	2.07	
39. Insurance	0.52	0.55	0.36	0.32	0.43	0.49	0.52	0.34	
40. REAL ESTATE	5.88	7.09	6.88	7.07	6.76	5.79	6.35	6.30	
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	3.72	3.70	3.90	3.88	3.81	3.51	3.39	3.44	
42. ADMINISTRATIVE & SUPPORT SERVICES	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
43. PUBLIC ADMINISTRATION	2.36	2.36	2.10	2.35	2.29	1.88	2.07	1.92	
44. EDUCATION	2.10	1.75	2.13	2.53	2.14	2.06	1.71	2.02	
45. HUMAN HEALTH AND SOCIAL SERVICES	0.66	0.67	0.62	0.63	0.64	0.64	0.68	0.58	
46. OTHER SERVICES	4.47	3.26	2.65	3.82	3.53	4.25	3.03	2.43	
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	

# Appendix

## Gross Domestic Product At 2010 Basic Prices Percentage Distribution

ACTIVITY SECTOR	2018					2019		
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3
AGRICULTURE								
1. Crop Production	18.92	20.37	26.97	23.56	22.62	19.13	20.34	27.01
2. Livestock	1.82	1.71	1.61	1.79	1.73	1.79	1.67	1.57
3. Forestry	0.26	0.29	0.24	0.26	0.26	0.26	0.29	0.24
4. Fishing	0.67	0.48	0.42	0.53	0.53	0.71	0.48	0.42
MINING AND QUARRYING	-	-	-	-	-	-	-	-
5. Crude Petroleum and Natural Gas	9.55	8.55	9.38	7.06	8.59	9.22	8.98	9.77
6. Coal Mining	0.02	0.01	0.00	0.01	0.01	0.02	0.01	0.00
7. Metal Ores	0.02	0.01	0.01	0.00	0.01	0.02	0.01	0.01
8. Quarrying and Other Minerals	0.03	0.13	0.14	0.16	0.12	0.04	0.12	0.12
MANUFACTURING	-	-	-	-	-	-	-	-
9. Oil Refining	0.18	0.22	0.20	0.21	0.20	0.09	0.17	0.14
10. Cement	0.92	0.83	0.80	0.77	0.83	0.93	0.82	0.84
11. Food, Beverage and Tobacco	4.50	4.24	3.97	3.97	4.15	4.48	4.20	4.00
12. Textile, Apparel and Footwear	2.21	2.05	1.99	2.04	2.07	2.19	1.98	1.92
13. Wood and Wood Products	0.33	0.29	0.27	0.27	0.29	0.32	0.29	0.28
14. Pulp, Paper and Paper Products	0.08	0.08	0.07	0.07	0.08	0.08	0.08	0.07
15. Chemical and Pharmaceutical Products	0.23	0.23	0.22	0.21	0.22	0.23	0.23	0.21
16. Non-Metallic Products	0.36	0.36	0.34	0.31	0.34	0.37	0.35	0.33
17. Plastic and Rubber products	0.35	0.33	0.31	0.31	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	0.24	0.23	0.24	0.24	0.25	0.23	0.22
20. Motor vehicles & assembly	0.05	0.05	0.03	0.04	0.04	0.05	0.04	0.03
21. Other Manufacturing	0.46	0.36	0.39	0.41	0.40	0.44	0.36	0.38
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	0.20	0.47	0.42	0.55	0.41	0.21	0.46	0.36
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	0.18	0.21	0.16	0.12	0.17	0.18	0.23	0.15
24. CONSTRUCTION	4.04	4.51	3.01	3.48	3.73	4.09	4.45	3.01
25. TRADE	17.07	16.45	15.80	16.50	16.44	16.86	16.07	15.23
26. ACCOMMODATION AND FOOD SERVICES	1.10	0.64	0.87	0.95	0.89	1.12	0.64	0.87
TRANSPORTATION AND STORAGE	-	-	-	-	-	-	-	-
27. Road Transport	1.32	1.12	1.01	1.23	1.17	1.56	1.19	1.19
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	0.10	0.09	0.11	0.11	0.11	0.11	0.10	0.13
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	0.01	0.02	0.02	0.04	0.01	0.01
INFORMATION AND COMMUNICATION	-	-	-	-	-	-	-	-
33. Telecommunications & Information Services	9.19	10.43	8.39	9.85	9.46	10.10	11.37	9.20
34. Publishing	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.02
34. Motion Pictures, Sound recording and Music production	1.33	1.03	0.89	0.95	1.04	1.32	0.99	0.87
36. Broadcasting	1.86	2.14	1.25	1.57	1.69	1.86	2.16	1.24
37. ARTS, ENTERTAINMENT AND RECREATION	0.29	0.23	0.19	0.20	0.22	0.31	0.23	0.19
FINANCIAL AND INSURANCE	-	-	-	-	-	-	-	-
38. Financial Institutions	3.06	2.78	2.18	2.41	2.59	2.72	2.63	2.14
39. Insurance	0.49	0.53	0.35	0.31	0.41	0.49	0.54	0.35
40. REAL ESTATE	5.64	6.83	6.50	6.60	6.41	5.57	6.43	6.21
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	3.51	3.59	3.75	3.71	3.64	3.50	3.56	3.57
42. ADMINISTRATIVE & SUPPORT SERVICES	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
43. PUBLIC ADMINISTRATION	2.23	2.29	2.02	2.25	2.19	1.87	2.17	1.99
44. EDUCATION	2.15	1.79	2.14	2.51	2.16	2.11	1.77	2.12
45. HUMAN HEALTH AND SOCIAL SERVICES	0.70	0.72	0.65	0.65	0.68	0.68	0.71	0.64
46. OTHER SERVICES	4.22	3.16	2.55	3.66	3.38	4.23	3.18	2.52
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

# Appendix

## Implicit Price Deflators

ACTIVITY SECTOR	2018					2019		
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3
<b>AGRICULTURE</b>								
1. Crop Production	137.96	149.22	159.14	160.60	153.35	164.55	172.71	179.45
2. Livestock	164.16	169.88	170.22	173.39	169.57	174.57	176.57	170.81
3. Forestry	145.12	145.82	150.58	154.87	149.27	156.11	157.11	148.00
4. Fishing	199.89	215.08	253.21	254.77	229.56	277.28	324.29	328.44
<b>MINING AND QUARRYING</b>								
5. Crude Petroleum and Natural Gas	255.12	262.96	203.49	172.68	223.89	207.86	201.32	200.60
6. Coal Mining	132.61	144.87	155.92	154.25	143.49	159.17	173.31	169.48
7. Metal Ores	132.61	144.87	155.92	154.25	141.56	159.17	173.31	183.62
8. Quarrying and Other Minerals	162.72	216.36	259.52	276.64	248.66	298.76	375.82	477.00
<b>MANUFACTURING</b>								
9. Oil Refining	142.65	145.94	151.44	148.20	147.31	149.35	150.51	152.83
10. Cement	169.86	221.16	267.01	276.03	233.38	308.37	344.50	421.00
11. Food, Beverage and Tobacco	164.88	180.81	194.11	195.16	183.87	199.50	212.81	226.33
12. Textile, Apparel and Footwear	171.57	200.50	222.47	225.36	205.52	238.92	266.85	296.47
13. Wood and Wood Products	156.59	171.06	183.65	185.18	174.00	187.92	219.89	232.04
14. Pulp, Paper and Paper Products	181.75	230.76	269.21	280.32	241.43	308.96	369.16	435.52
15. Chemical and Pharmaceutical Products	151.43	175.95	195.90	196.80	180.68	208.13	351.86	376.51
16. Non-Metallic Products	189.06	238.05	276.41	286.73	248.03	314.69	368.48	432.83
17. Plastic and Rubber products	150.68	169.44	184.66	184.82	172.59	192.51	348.21	365.31
18. Electrical and Electronics	151.46	181.37	204.65	208.24	189.35	223.14	355.42	388.49
19. Basic metal, Iron and Steel	146.63	164.07	178.46	178.97	167.62	185.31	346.86	362.53
20. Motor vehicles & assembly	256.00	367.84	467.07	524.15	398.67	625.69	442.06	707.95
21. Other Manufacturing	144.06	158.56	170.95	172.12	161.62	175.70	344.11	356.55
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	253.59	287.74	315.54	315.58	301.27	330.49	371.73	403.71
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	156.62	180.29	197.68	200.07	182.69	210.77	243.29	266.42
24. CONSTRUCTION	180.50	224.73	257.73	267.67	231.49	292.12	318.80	374.61
25. TRADE	187.28	190.91	192.15	193.40	191.03	194.65	197.18	197.19
26. ACCOMMODATION AND FOOD SERVICES	164.95	183.69	190.95	198.49	184.52	206.34	214.49	222.96
<b>TRANSPORTATION AND STORAGE</b>								
27. Road Transport	224.59	251.06	261.37	272.09	252.56	283.26	294.89	307.00
28. Rail Transport & Pipelines	186.21	188.71	189.56	190.42	189.23	191.28	196.78	193.00
29. Water Transport	199.01	201.69	202.60	203.51	201.96	204.43	206.54	206.28
30. Air Transport	177.32	199.70	208.51	217.72	202.34	227.33	205.95	247.83
31. Transport Services	184.84	186.66	187.28	187.90	187.00	188.52	196.54	189.77
32. Post and Courier Services	138.48	139.98	140.48	140.99	139.76	141.50	196.43	142.52
<b>INFORMATION AND COMMUNICATION</b>								
33. Telecommunications & Information Services	144.53	146.34	146.96	147.58	146.43	148.20	196.54	149.45
34. Publishing,	174.96	176.72	177.31	177.91	176.66	178.50	196.52	179.71
34. Motion Pictures, Sound recording and Music production	171.16	172.01	172.29	172.58	171.96	172.86	196.20	173.43
36. Broadcasting	171.16	172.01	172.29	172.58	171.99	172.86	196.20	173.43
37. ARTS, ENTERTAINMENT AND RECREATION	171.16	172.01	172.29	172.58	171.95	172.86	196.20	173.43
<b>FINANCIAL AND INSURANCE</b>								
38. Financial Institutions	187.28	190.91	192.15	193.40	190.82	194.65	197.18	197.19
39. Insurance	187.28	190.91	192.15	193.40	190.69	194.65	197.18	197.19
40. REAL ESTATE	184.10	192.31	195.21	198.15	193.05	201.14	204.17	207.25
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	187.28	190.91	192.15	193.40	191.13	194.65	197.18	197.19
42. ADMINISTRATIVE & SUPPORT SERVICES	187.28	190.91	192.15	193.40	191.09	194.65	197.18	197.19
43. PUBLIC ADMINISTRATION	187.28	190.91	192.15	193.40	191.05	194.65	197.18	197.19
44. EDUCATION	172.84	180.70	183.48	186.30	181.39	189.16	198.83	195.03
45. HUMAN HEALTH AND SOCIAL SERVICES	166.45	173.58	176.09	178.64	173.83	181.22	198.54	186.50
46. OTHER SERVICES	187.28	190.91	192.15	193.40	190.84	194.65	197.18	197.19
GDP Deflator	176.67	185.15	184.54	185.02	183.00	193.64	206.73	204.43



# Appendix

## Growth Rate of Gross Domestic Product at Current Basic Prices (Percentage, Year on Year)

	2018				Total	2019		
	Q1	Q2	Q3	Q4		Q1	Q2	Q3
ACTIVITY SECTOR								
AGRICULTURE	5.80	10.64	18.32	18.58	14.27	22.58	17.76	14.88
1. Crop Production	5.84	11.27	18.74	18.89	14.75	23.17	17.99	15.48
2. Livestock	-1.62	1.59	6.43	8.15	3.76	7.28	3.93	0.37
3. Forestry	3.06	4.52	7.66	8.59	6.06	9.92	11.22	2.00
4. Fishing	27.02	24.11	43.59	43.75	34.78	48.55	52.42	31.89
MINING AND QUARRYING	82.83	54.00	9.54	-9.40	30.21	-19.32	-16.82	5.98
5. Crude Petroleum and Natural Gas	83.07	54.07	6.23	-11.31	29.62	-19.71	-17.95	4.98
6. Coal Mining	5.22	6.54	16.98	-4.73	3.68	57.36	28.76	43.68
7. Metal Ores	49.87	18.97	39.34	27.15	37.45	-8.35	15.12	9.00
8. Quarrying and Other Minerals	50.41	55.60	83.37	123.82	87.84	137.41	67.65	58.03
MANUFACTURING	8.93	19.52	32.73	33.57	24.00	36.45	37.79	39.69
9. Oil Refining	7.65	-19.45	-12.13	38.96	-0.56	-47.26	-21.45	-30.14
10. Cement	21.38	50.24	86.30	76.10	59.01	86.65	58.24	68.51
11. Food, Beverage and Tobacco	8.46	12.91	22.77	22.08	16.71	23.13	19.13	20.07
12. Textile, Apparel and Footwear	7.98	24.83	35.28	36.08	26.48	40.66	31.20	31.77
13. Wood and Wood Products	4.26	13.49	20.50	21.18	14.82	21.68	30.08	30.61
14. Pulp, Paper and Paper Products	16.35	46.42	62.70	67.38	49.19	73.48	63.71	65.07
15. Chemical and Pharmaceutical Products	7.11	18.56	34.94	34.78	24.35	39.72	97.43	92.45
16. Non-Metallic Products	6.18	37.18	57.10	63.33	41.12	72.56	56.28	58.03
17. Plastic and Rubber products	4.40	16.72	26.16	28.61	19.13	33.33	110.16	99.88
18. Electrical and Electronics	18.50	30.57	45.20	42.24	35.87	49.57	100.80	91.77
19. Basic metal, Iron and Steel	4.63	9.89	23.64	24.00	15.99	28.26	104.94	92.88
20. Motor vehicles & assembly	36.26	75.24	114.82	127.25	89.10	176.97	18.38	49.27
21. Other Manufacturing	2.34	7.97	22.37	22.67	14.08	20.42	117.17	110.34
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	9.54	25.50	50.47	27.59	30.49	41.36	29.75	12.83
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	17.36	33.20	32.64	32.59	29.17	39.62	54.32	32.21
24. CONSTRUCTION	8.96	44.09	52.67	58.51	40.85	66.99	42.80	48.80
25. TRADE	-2.12	-0.01	3.78	4.41	1.60	4.82	3.03	1.13
26. ACCOMMODATION AND FOOD SERVICES	3.80	16.56	20.89	24.24	16.27	30.29	20.18	19.43
TRANSPORTATION AND STORAGE	18.73	38.56	31.53	32.89	30.26	50.39	25.56	38.60
27. Road Transport	19.87	41.07	32.79	33.82	31.58	53.22	27.10	41.16
28. Rail Transport & Pipelines	0.87	1.81	6.52	7.38	4.67	-3.48	4.54	5.94
29. Water Transport	2.75	5.91	4.41	4.33	4.55	3.17	1.28	3.02
30. Air Transport	14.66	43.54	49.19	54.01	41.08	39.86	15.83	36.96
31. Transport Services	1.89	0.46	4.99	3.51	2.98	4.14	7.26	3.72
32. Post and Courier Services	3.40	20.68	-19.66	2.80	1.16	1.98	39.53	0.56
INFORMATION AND COMMUNICATION	1.79	13.17	13.40	14.82	10.77	11.45	40.54	11.19
33. Telecommunications & Information Services	2.18	13.11	17.03	19.20	12.96	15.03	49.53	14.06
34. Publishing,	15.15	4.54	5.81	5.56	7.76	1.96	16.32	4.32
35. Motion Pictures, Sound recording and Music production	0.37	-1.75	0.24	1.40	0.09	2.14	11.36	1.70
36. Broadcasting	1.01	22.59	4.74	2.88	7.96	3.34	17.72	1.65
37. ARTS, ENTERTAINMENT AND RECREATION	0.41	4.05	3.55	5.06	3.06	8.19	14.99	3.57
FINANCIAL AND INSURANCE	13.82	3.49	-2.17	1.54	4.20	-3.96	0.98	3.72
38. Financial Institutions	13.10	3.01	-3.06	1.16	3.57	-5.64	-0.35	3.25
39. Insurance	18.61	6.07	3.82	4.63	8.32	6.61	7.91	6.69
40. REAL ESTATE	-8.38	1.03	3.67	3.78	0.48	10.27	2.09	3.71
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	-1.91	4.29	4.75	3.83	2.87	5.74	4.53	-0.06
42. ADMINISTRATIVE & SUPPORT SERVICES	-0.07	-1.30	4.85	4.22	2.09	5.42	5.38	5.75
43. PUBLIC ADMINISTRATION	-1.27	-3.14	1.80	3.03	0.15	-10.84	-0.22	3.24
44. EDUCATION	1.61	4.52	6.20	8.47	5.55	9.64	11.09	7.56
45. HUMAN HEALTH AND SOCIAL SERVICES	0.71	5.33	5.52	6.91	4.70	8.70	15.67	6.83
46. OTHER SERVICES	2.71	4.96	5.71	4.64	4.36	6.38	5.92	3.68
GDP Current Basic Price	9.26	13.57	13.30	12.65	12.33	11.91	14.01	13.30
Net Indirect Taxes on Products						7.13	16.95	0.59
GDP Current Market Price						11.86	14.04	13.15

# Appendix

## Growth Rate of Gross Domestic Product at 2010 Constant Basic Prices (Percentage, Year on Year) Q1 2018 ... Q3 2019

ACTIVITY SECTOR								
AGRICULTURE	3.00	1.19	1.91	2.46	2.12	3.17	1.79	2.28
1. Crop Production	3.45	1.49	1.87	2.48	2.26	3.26	1.94	2.41
2. Livestock	-1.85	-1.95	2.56	2.35	0.33	0.88	-0.01	0.02
3. Forestry	2.94	3.96	3.72	1.73	3.06	2.19	3.23	3.78
4. Fishing	4.25	-1.35	0.84	1.97	1.64	7.09	1.09	1.68
MINING AND QUARRYING	14.10	-3.84	-2.81	-1.23	1.11	-1.37	7.00	6.19
5. Crude Petroleum and Natural Gas	14.02	-3.95	-2.91	-1.62	0.97	-1.46	7.17	6.49
6. Coal Mining	2.46	-4.03	-1.74	-18.78	-5.81	31.10	7.63	32.19
7. Metal Ores	45.94	7.16	17.04	8.41	26.34	-23.64	-3.77	-7.44
8. Quarrying and Other Minerals	27.45	3.31	3.08	20.95	10.33	29.31	-3.48	-14.02
MANUFACTURING	3.39	0.68	1.92	2.35	2.09	0.81	-0.13	1.10
9. Oil Refining	7.06	-21.49	-17.39	33.60	-3.97	-49.62	-23.83	-30.77
10. Cement	5.28	3.84	8.14	0.98	4.50	2.81	1.58	6.87
11. Food, Beverage and Tobacco	5.46	1.21	2.90	2.22	2.93	1.76	1.22	2.98
12. Textile, Apparel and Footwear	1.85	2.73	1.04	1.24	1.69	1.01	-1.42	-1.12
13. Wood and Wood Products	1.53	2.23	1.47	1.62	1.70	1.39	1.19	3.37
14. Pulp, Paper and Paper Products	3.41	5.88	2.06	2.62	3.44	2.06	2.33	2.04
15. Chemical and Pharmaceutical Products	1.36	-1.62	1.24	1.52	0.61	1.66	-1.27	0.13
16. Non-Metallic Products	-4.94	0.60	0.36	2.26	-0.48	3.67	0.96	0.92
17. Plastic and Rubber products	0.43	1.28	0.95	3.44	1.54	4.36	2.26	1.03
18. Electrical and Electronics	10.14	3.71	3.06	0.33	3.75	1.52	2.47	1.02
19. Basic metal , Iron and Steel	0.88	-4.01	-0.24	0.32	-0.75	1.49	-3.06	-5.06
20. Motor vehicles & assembly	2.29	-2.88	-4.02	-5.70	-2.54	13.32	-1.50	-1.52
21. Other Manufacturing	-0.63	-3.66	1.67	1.70	-0.11	-1.26	0.07	0.85
22. ELECTRICITY, GAS ,STEAM AND AIR CONDITIONING SUPPLY	4.93	7.59	18.27	0.95	7.30	8.47	0.43	-11.81
23. WATER SUPPLY,SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	11.61	11.98	2.32	1.85	7.21	3.75	14.35	-1.90
24. CONSTRUCTION	-1.54	7.66	0.54	2.05	2.33	3.18	0.67	2.37
25. TRADE	-2.57	-2.14	0.98	1.02	-0.63	0.85	-0.25	-1.45
26. ACCOMMODATION AND FOOD SERVICES	0.29	2.43	2.66	2.05	1.76	4.15	2.92	2.28
TRANSPORTATION AND STORAGE	14.45	21.76	11.95	9.48	13.91	19.50	8.02	18.24
27. Road Transport	15.63	23.36	12.07	9.10	14.47	21.48	8.21	20.18
28. Rail Transport & Pipelines	0.56	0.29	4.52	4.95	2.86	-6.04	0.25	4.05
29. Water Transport	2.43	4.33	2.45	1.96	2.87	0.44	-1.10	1.19
30. Air Transport	10.22	24.29	24.35	23.70	20.70	9.09	12.31	15.23
31. Transport Services	2.33	0.05	3.54	1.78	1.96	2.11	1.87	2.36
32. Post and Courier Services	3.14	19.24	-20.88	0.93	0.09	-0.19	-0.57	-0.87
INFORMATION AND COMMUNICATION	1.58	11.81	12.09	13.20	9.65	9.48	9.01	9.88
33. Telecommunications & Information Services	1.88	11.54	14.97	16.67	11.33	12.18	11.34	12.16
34. Publishing,	12.53	3.38	4.32	3.76	6.03	-0.07	4.60	2.93
34. Motion Pictures, Sound recording and Music production	0.26	-2.29	-0.45	0.55	-0.44	1.13	-2.37	1.03
36. Broadcasting	0.90	21.92	4.01	2.01	7.38	2.33	3.20	0.98
37.ARTS, ENTERTAINMENT AND RECREATION	0.30	3.48	2.83	4.18	2.53	7.12	0.81	2.89
FINANCIAL AND INSURANCE	13.30	1.28	-4.81	-1.76	2.03	-7.60	-2.24	1.07
38. Financial Institutions	12.58	0.81	-5.67	-2.13	1.41	-9.21	-3.52	0.61
39. Insurance	18.07	3.81	1.03	1.23	6.12	2.58	4.48	3.96
40. REAL ESTATE	-9.40	-3.88	-2.68	-3.85	-4.74	0.93	-3.84	-2.31
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	-2.35	2.07	1.93	0.46	0.57	1.73	1.21	-2.62
42. ADMINISTRATIVE & SUPPORT SERVICES	-0.52	-3.41	2.02	0.83	-0.18	1.43	2.03	3.05
43. PUBLIC ADMINISTRATION	-1.72	-5.21	-0.95	-0.32	-2.05	-14.21	-3.39	0.61
44. EDUCATION	0.45	-0.67	-0.42	0.35	-0.03	0.18	0.96	1.19
45. HUMAN HEALTH AND SOCIAL SERVICES	-0.37	0.41	-0.68	-0.64	-0.32	-0.16	1.13	0.86
46. OTHER SERVICES	2.24	2.72	2.86	1.24	2.17	2.35	2.55	1.03
GDP at 2010 constant price	1.89	1.50	1.81	2.38	1.91	2.10	2.12	2.28

# Appendix

	2018					2019		
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3
CONTRIBUTION TO GDP								
AGRICULTURE	21.66	22.86	29.25	26.15	25.13	21.89	22.78	29.25
INDUSTRIES	23.95	23.18	21.97	20.24	22.24	23.56	23.34	22.17
SERVICES	54.38	53.97	48.79	53.62	52.63	54.55	53.87	48.59
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
NON OIL	90.45	91.45	90.62	92.94	91.41	90.78	91.02	90.23
OIL	9.55	8.55	9.38	7.06	8.59	9.22	8.98	9.77
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
GROWTH								
AGRICULTURE	3.00	1.19	1.91	2.46	2.12	3.17	1.79	2.28
INDUSTRIES	6.58	0.40	- 0.11	0.95	1.87	0.42	2.84	3.21
SERVICES	- 0.47	2.12	2.64	2.90	1.83	2.41	1.94	1.87
REAL GROWTH RATE AT BASIC PRICE	1.89	1.50	1.81	2.38	1.91	2.10	2.12	2.28
REAL GROWTH RATE AT MARKET PRICE	1.98	1.46	1.76	2.43	1.92	2.06	1.97	2.14
NON OIL GROWTH RATE	0.76	2.05	2.32	2.70	2.00	2.47	1.64	1.85
OIL GROWTH RATE	14.02	- 3.95	- 2.91	- 1.62	0.97	- 1.46	7.17	6.49

# Acknowledgements/Contacts

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