



NATIONAL BUREAU OF STATISTICS

A collage of four images representing different sectors of the Nigerian economy: 1) A farmer plowing a field with oxen. 2) Silhouettes of construction workers on a large steel framework. 3) Farmers in a field, one holding a large bundle of harvested crops. 4) An offshore oil and gas drilling platform in the ocean.

# Nigerian Gross Domestic Product Report

(Q2 2020)

**Report Date: August 2020**

**Data Source: National Bureau of Statistics (NBS)**



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## PREFACE

This publication provides data on Quarterly Gross Domestic Product (GDP) estimates for the four quarters of 2019 and the annual figure for 2019. It also includes the first and second quarter of 2020 with special focus on second quarter of 2020.

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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Abuja – Nigeria.  
August, 2020.



## 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, the first, second and third quarter survey for 2019 were conducted in 2019. Moreover, the fourth quarter survey for 2019, first and second quarter survey of 2020 were conducted in 2020. These surveys produced the data that was used for the compilation of the quarterly GDP for the four quarters of 2018(Q1 – Q4, 2018), the four quarters of 2019 (Q1 – Q4, 2019), the first and second quarter of 2020.(Q1-Q2, 2020).

In subsequent sections of this report, emphasis will be given to the composition of GDP in the second quarter of 2020 and the corresponding quarter in 2019. We will also be looking at the immediate past quarter of 2020 (Q1 2020).

## OVERVIEW OF GDP IN Q2 2020

Nigeria's Gross Domestic Product (GDP) decreased by  $-6.10\%$  (year-on-year) in real terms in the second quarter of 2020, ending the 3-year trend of low but positive real growth rates recorded since the 2016/17 recession.

The decline was largely attributable to significantly lower levels of both domestic and international economic activity during the quarter, which resulted from nationwide shutdown efforts aimed at containing the COVID-19 pandemic. The domestic efforts ranged from initial restrictions of human and vehicular movement implemented in only a few states to a nationwide curfew, bans on domestic and international travel, closure of schools and markets etc., affecting both local and international trade. The efforts, led by both the Federal and State governments, evolved over the course of the quarter and persisted throughout.

When compared with Q2 2019, which recorded a growth of  $2.12\%$ , the Q2 2020 growth rate indicates a drop of  $-8.22\%$  points, and a fall of  $-7.97\%$  points when compared to the first quarter of 2020 ( $1.87\%$ ). Consequently, for the first half of 2020, real GDP declined by  $-2.18\%$  year on year, compared with  $2.11\%$  recorded in the first half of 2019. Quarter on quarter, real GDP decreased by  $-5.04\%$ . Furthermore, only 13 activities recorded positive real growth compared to 30 in the preceding quarter.

In the quarter under review, aggregate GDP stood at N34,023,197.60 million in nominal terms, or  $-2.8\%$  lower than the second quarter of 2019 which recorded an aggregate of N35,001,877.95 million. Overall, the nominal growth rate was  $-16.81\%$  points lower than recorded in the second quarter of 2019, and  $-14.81\%$  points lower than recorded in the first quarter of 2020. For better clarity, the Nigerian economy has been classified broadly into the oil and non-oil sectors.

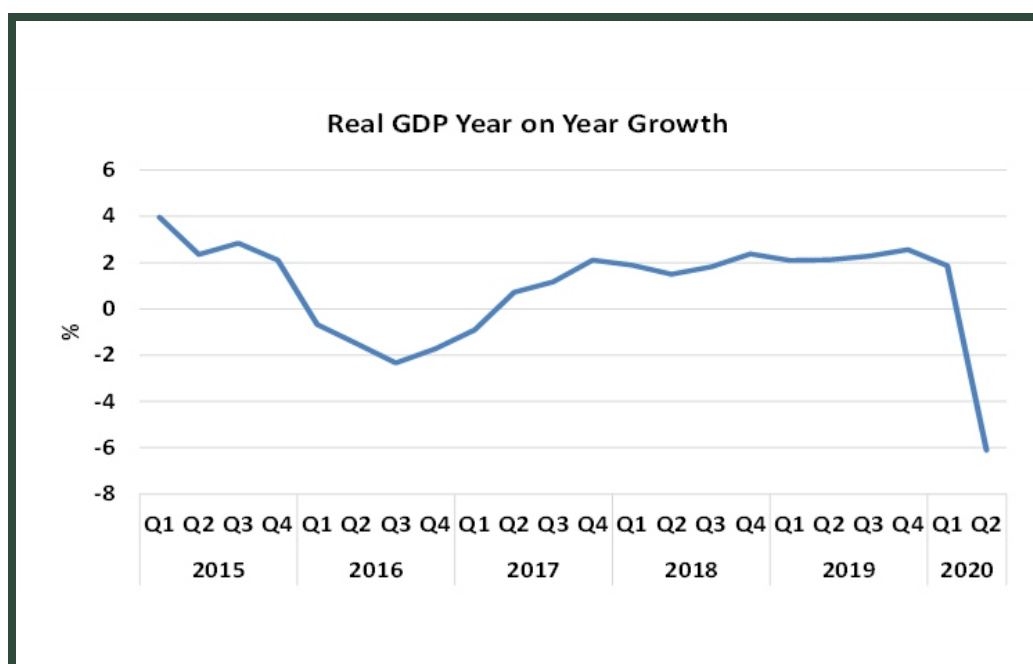


Figure1: Real GDP Growth

## The Oil Sector

In the second quarter of 2020, an average daily oil production of 1.81 million barrels per day (mbpd) was recorded. This was -0.21mbpd lower than the daily average production of 2.02mbpd recorded in the same quarter of 2019, and -0.26mbpd lower than the first quarter 2020 production volume of 2.07mbpd by (Figure2).

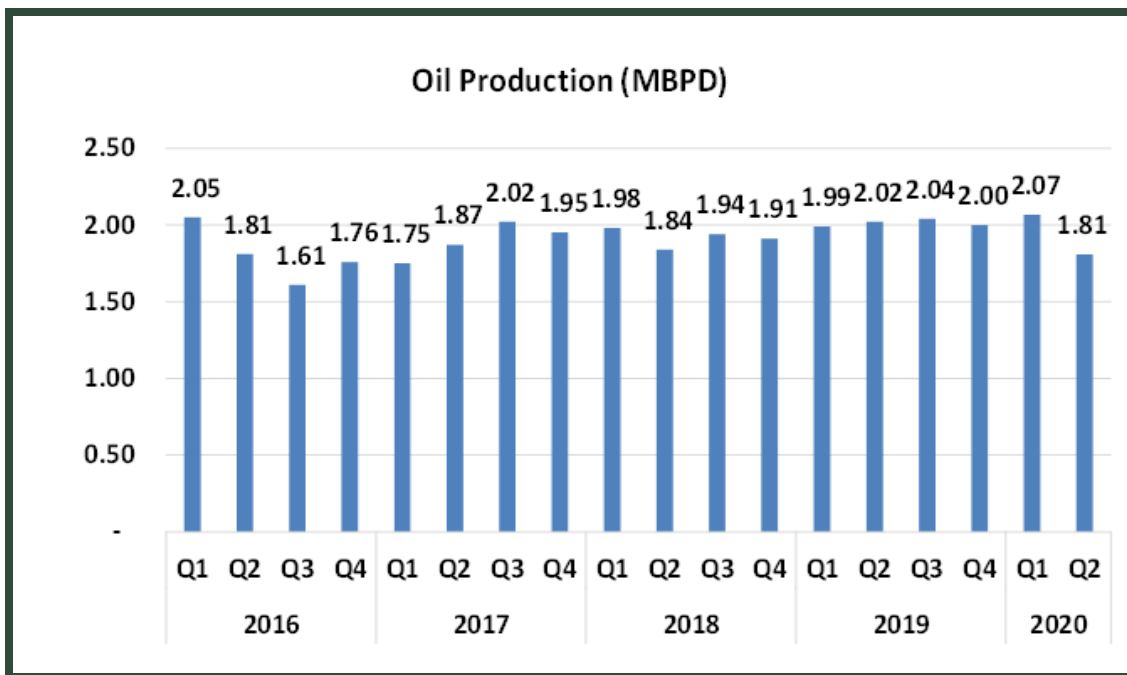


Figure 2: Crude Oil Output (MBPD)

Real growth of the oil sector was -6.63% (year-on-year) in Q2 2020 indicating a decrease of -13.80% points relative to the rate recorded in the corresponding quarter of 2019. Growth decreased by -11.69% points when compared to Q1 2020 which recorded 5.06%. Quarter-on-Quarter, the oil sector recorded a growth rate of -10.82% in Q2 2020. The Oil sector contributed 8.93% to total real GDP in Q2 2020, down from figures recorded in the corresponding period of 2019 and the preceding quarter, where it contributed 8.98% and 9.50% respectively.

## The Non-Oil Sector

The non-oil sector declined by -6.05% in real terms during the reference quarter (Q2 2020). It was the first decline in real non-oil GDP growth rate since Q3 2017. The recorded growth rate was -7.70% points lower compared to the rate recorded during the same quarter of 2019, and -7.60% points compared to the first quarter of 2020. Nevertheless, non-oil sector output was driven by Financial and Insurance (Financial Institutions), Information and Communication (Telecommunications), Agriculture (Crop Production), and Public Administration, moderating the economy-wide decline. On the other hand, sectors which experienced the highest negative growth included Transport and Storage, Accommodation and Food Services, Construction, Education, Real estate and Trade among others. In real terms, the Non-Oil sector accounted for 91.07% of aggregate GDP in the second quarter of 2020, slightly higher than the share recorded in the second quarter of 2019 (91.02%) as well as the first quarter of 2020 (90.50%).

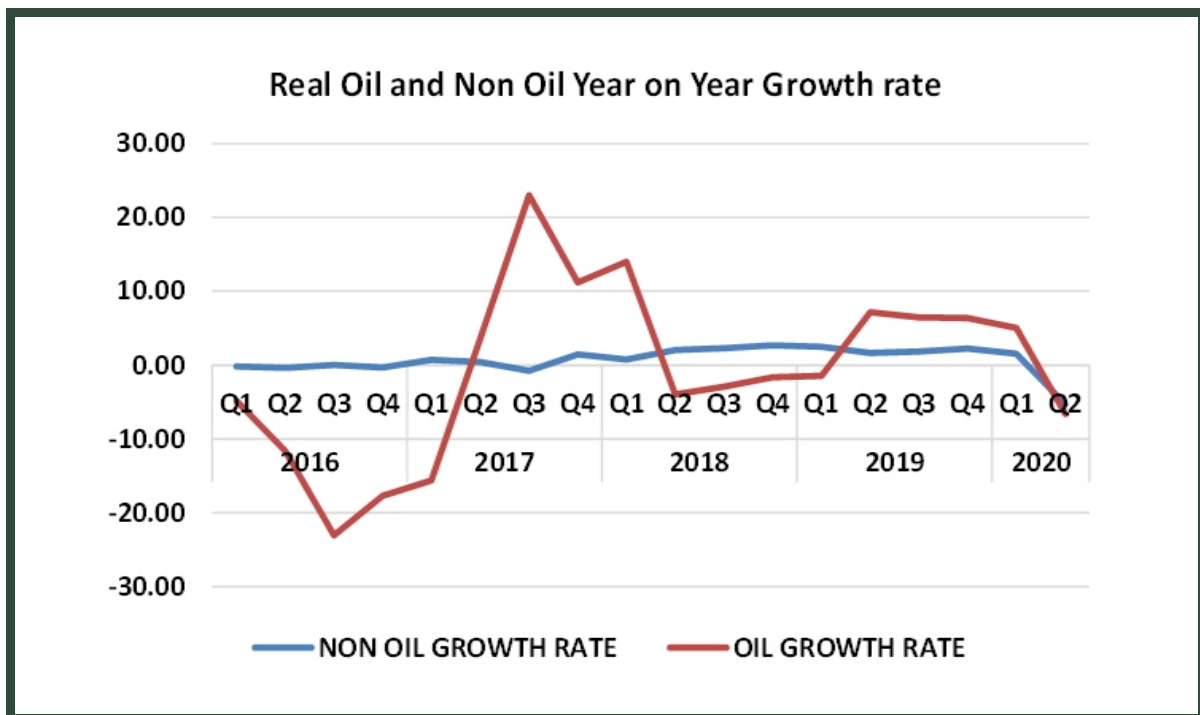


Figure 3: Crude Oil and Non-Oil Growth

# GDP REPORT Q2 2020

## REAL QUARTERLY GDP GROWTH FOR Q2 2020 AT

**-6.10%**

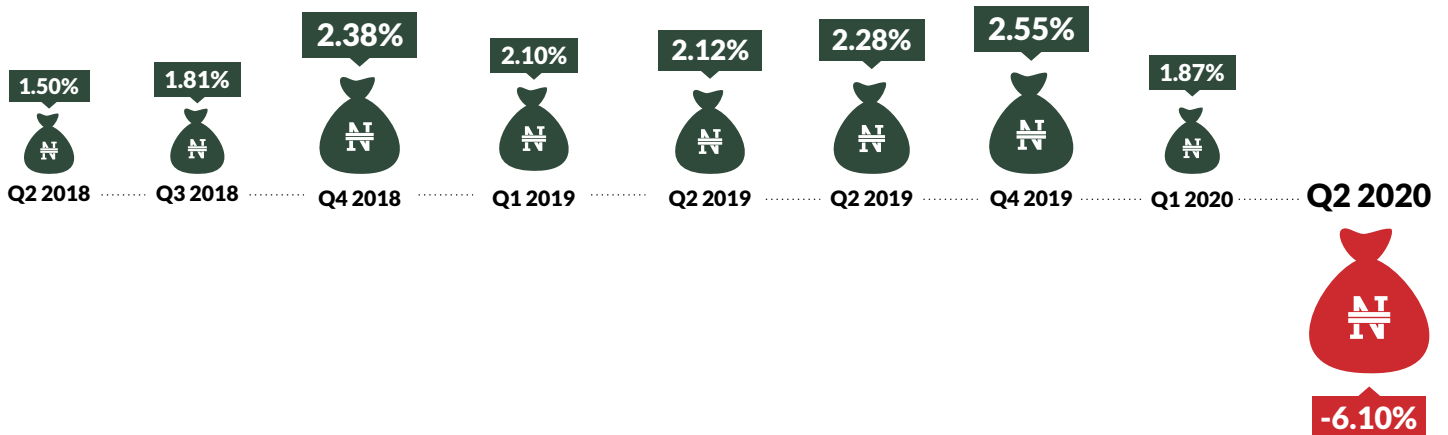
(FROM 1.87% IN Q1 2020)

NOMINAL GDP  
(Q2 2020)

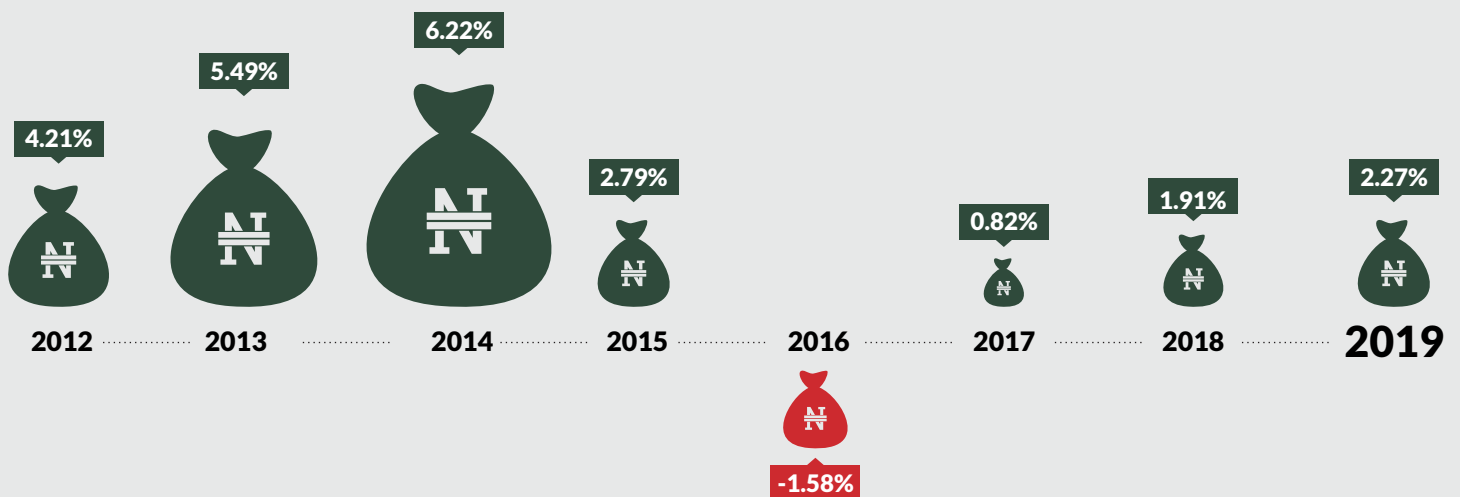
**N34.02 trillion**

REAL GDP  
(Q2 2020)

**N15.89 trillion**



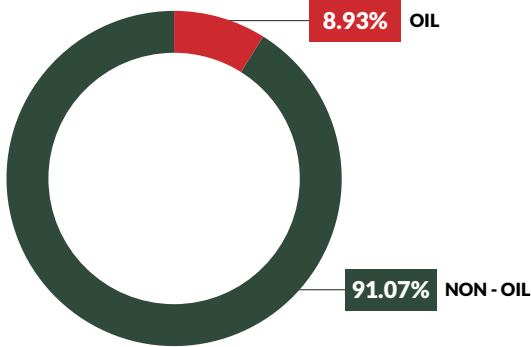
## YEARLY GDP GROWTH RATE





# GDP REPORT Q2 2020

## CONTRIBUTION OF OIL AND NON-OIL SECTORS



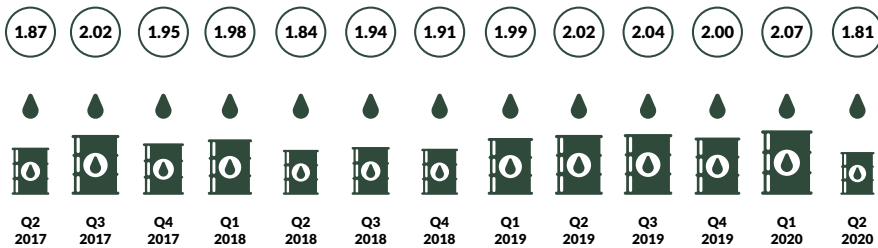
## CONTRIBUTION OF OIL AND NON-OIL SECTORS

NON-OIL GDP						
Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020
92.94	90.78	91.02	90.23	92.68	90.50	91.07

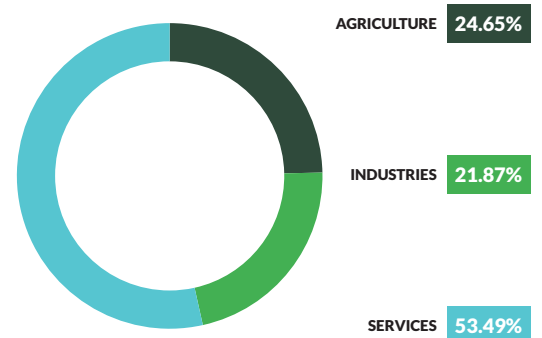
  

OIL GDP						
Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020
7.06	9.22	8.98	9.77	7.32	9.50	8.93

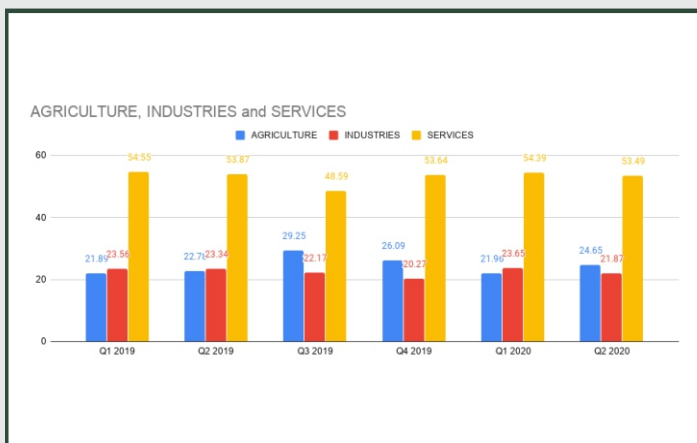
## OIL PRODUCTION (MBPD)



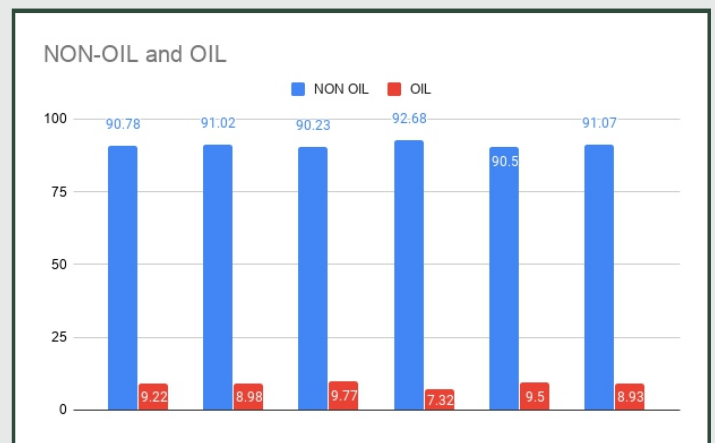
## CONTRIBUTION TO REAL GDP Q2 2020 (%)



## SHARE OF AGRICULTURE, INDUSTRY AND SERVICES



## SHARE OF OIL AND NON-OIL SECTORS



## Mining & Quarrying

The Mining & Quarrying sector consists of Crude Petroleum and Natural Gas, Coal Mining, Metal ore and Quarrying and other Minerals sub-activities. This sector declined nominally by -16.02% (year on year) in Q2 2020. Quarrying and other minerals exhibited the highest growth rate of all the sub-activities at 44.02%, followed by coal mining activity at 18.75%. However, Crude Petroleum and Natural gas was the main contributor to the sector with a weight of 97.53% in Q2 2020.

The Q2 2020 growth rate was 0.80% points higher than the rate recorded the previous year (Q2 2019) but lower by -5.45% points than the preceding quarter. Overall, the sector contributed 7.76% to aggregate nominal GDP, lower than the contributions recorded in the second quarter of 2019 at 8.99% and the previous quarter recorded at 7.97%.

Real GDP in the Mining and Quarrying sector decreased by -6.60% (year-on-year) in the second quarter of 2020. Compared to the same quarter of 2019 and first quarter 2020, it was lower by -13.60% points and -11.18% points respectively. Quarter on quarter, growth rate recorded was -9.66%, which means value added in second quarter 2020 was lower than in first quarter 2020.

The contribution of Mining and Quarrying to real GDP in the quarter under review stood at 9.08%, lower than the rate of 9.12% recorded in the corresponding quarter of 2019 and the 9.54% recorded in the first quarter of 2020 respectively.



Figure 4: Mining and Quarrying real growth

# GDP REPORT Q2 2020

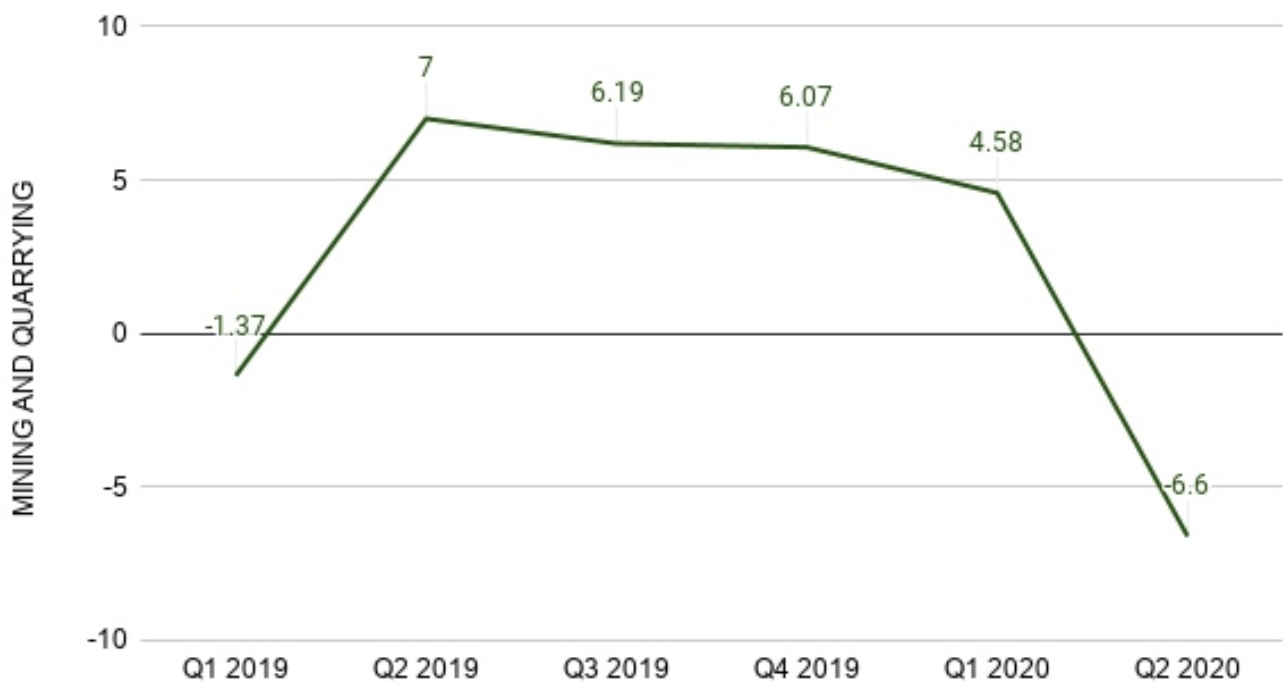
## Mining and Quarrying Sector: Q1 2019 – Q2 2020

### Mining and Quarrying sector



Mining and Quarrying sector contracted by -6.60% in Q2 2020 from 4.58% in Q1 2020 and 7.00% in Q2 2019

### MINING AND QUARRYING



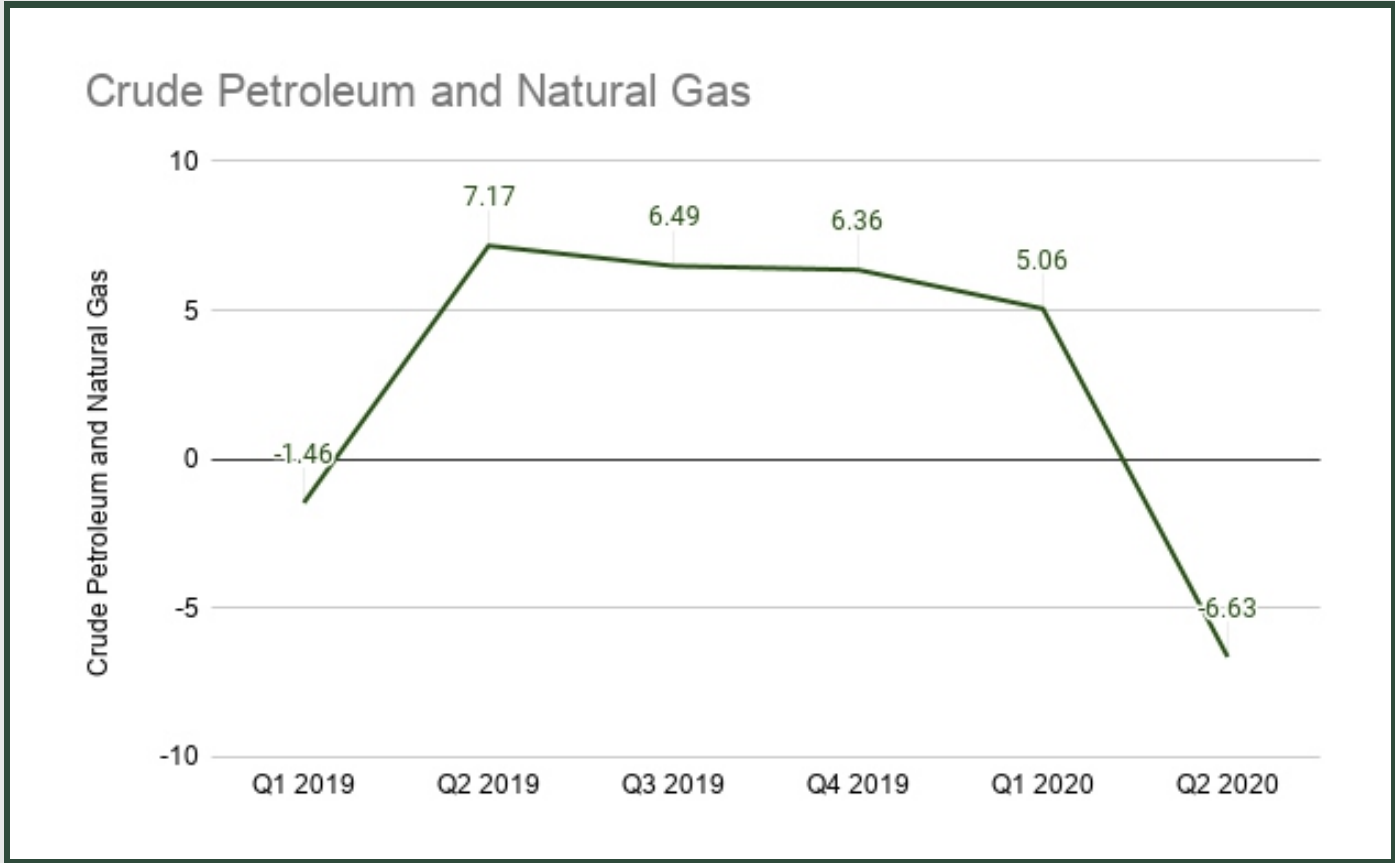
# GDP REPORT Q2 2020

## Crude Petroleum and Natural Gas: Q1 2019 – Q2 2020

### Crude Petroleum



Crude Petroleum and Natural Gas under Mining And Quarrying sector contracted by - 6.63% in Q2 2020 from 5.06% in Q1 2020 and 7.17% in Q2 2019.



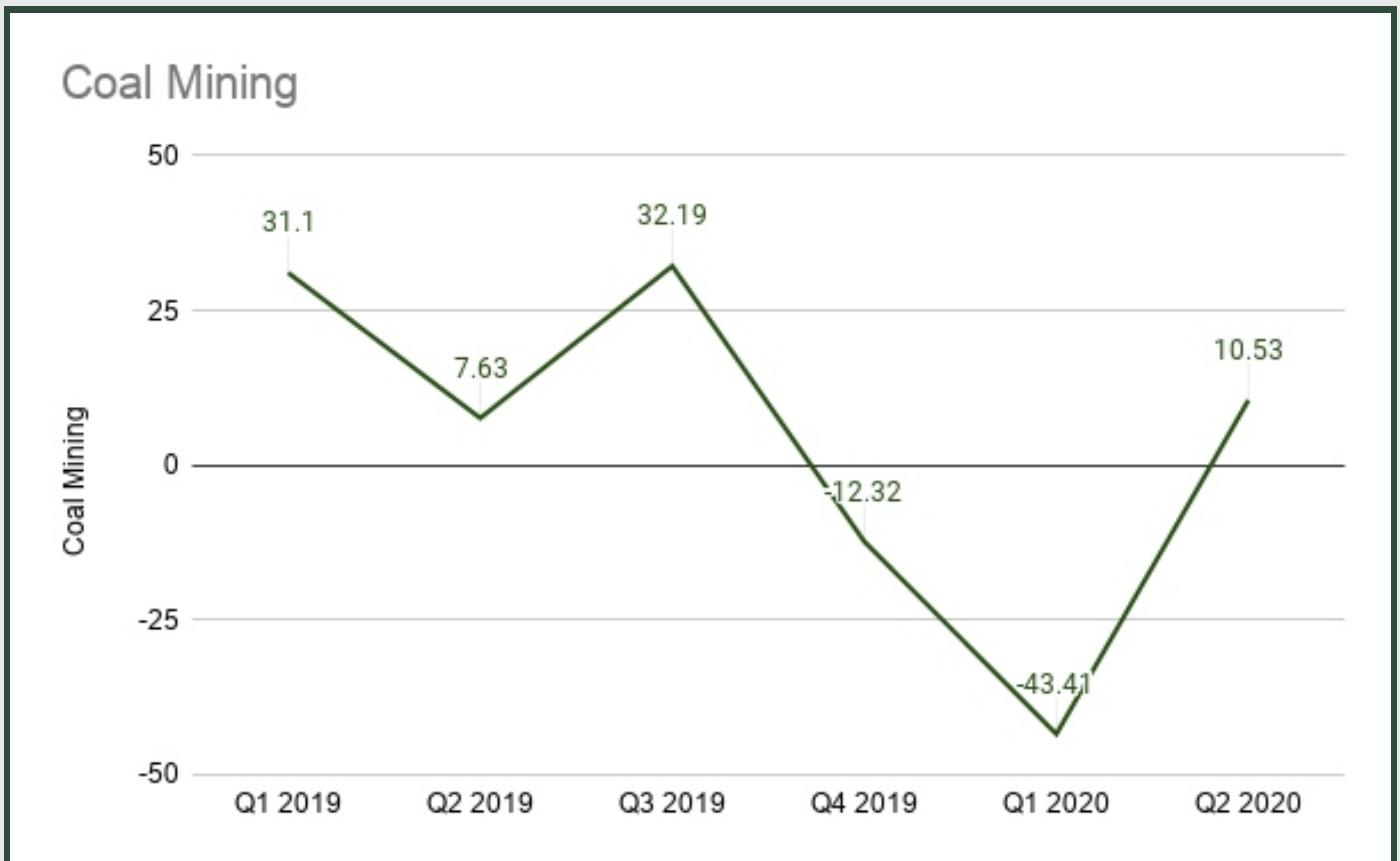
# GDP REPORT Q2 2020

## Coal Mining : Q1 2019 - Q2 2020

### Coal Mining



Coal Mining under Mining And Quarrying sector grew by 10.53% in Q2 2020 from -43.41% in Q1 2020 and 7.63% in Q2 2019.



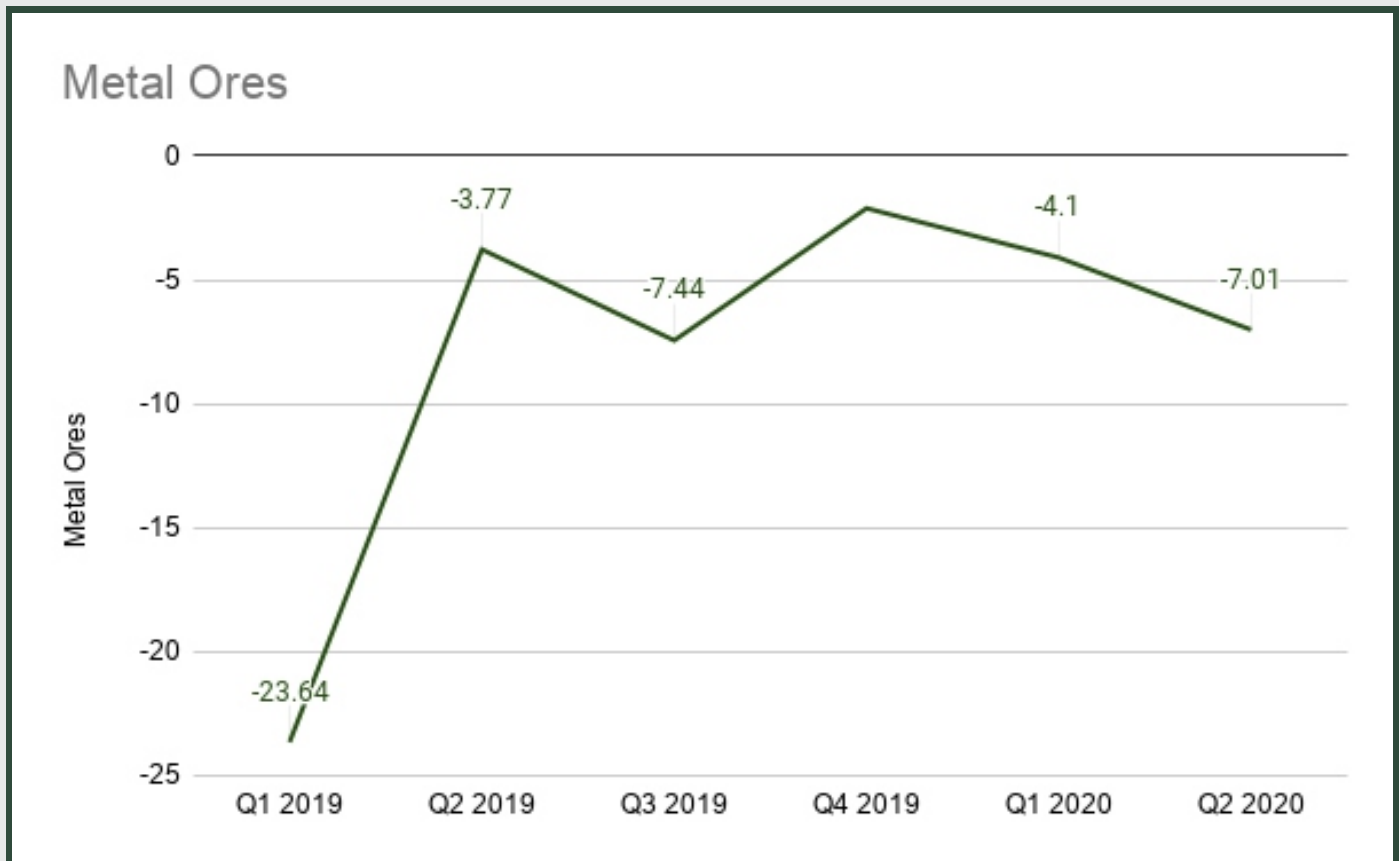
# GDP REPORT Q2 2020

## Metal Ores Sector: Q1 2019 - Q2 2020

### Metal Ores



Metal Ores under Mining And Quarrying sector contracted by -7.01% in Q2 2020 from -4.10% in Q1 2020 and -3.77% in Q2 2019.



# GDP REPORT Q2 2020

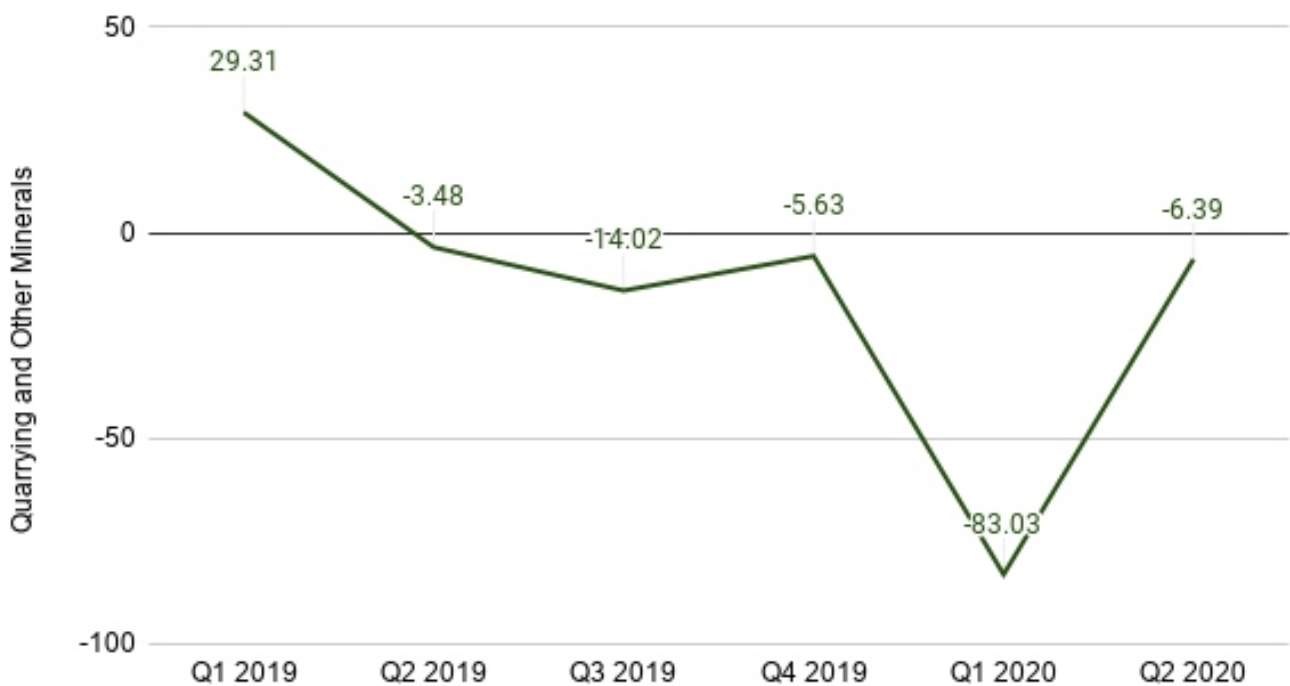
## Quarrying and Other Minerals: Q1 2019 – Q2 2020

### Quarrying and Other Minerals



Quarrying and Other Minerals under Mining And Quarrying sector contracted by -6.39% in Q2 2020 from -83.03% in Q1 2020 and -3.48% in Q2 2019.

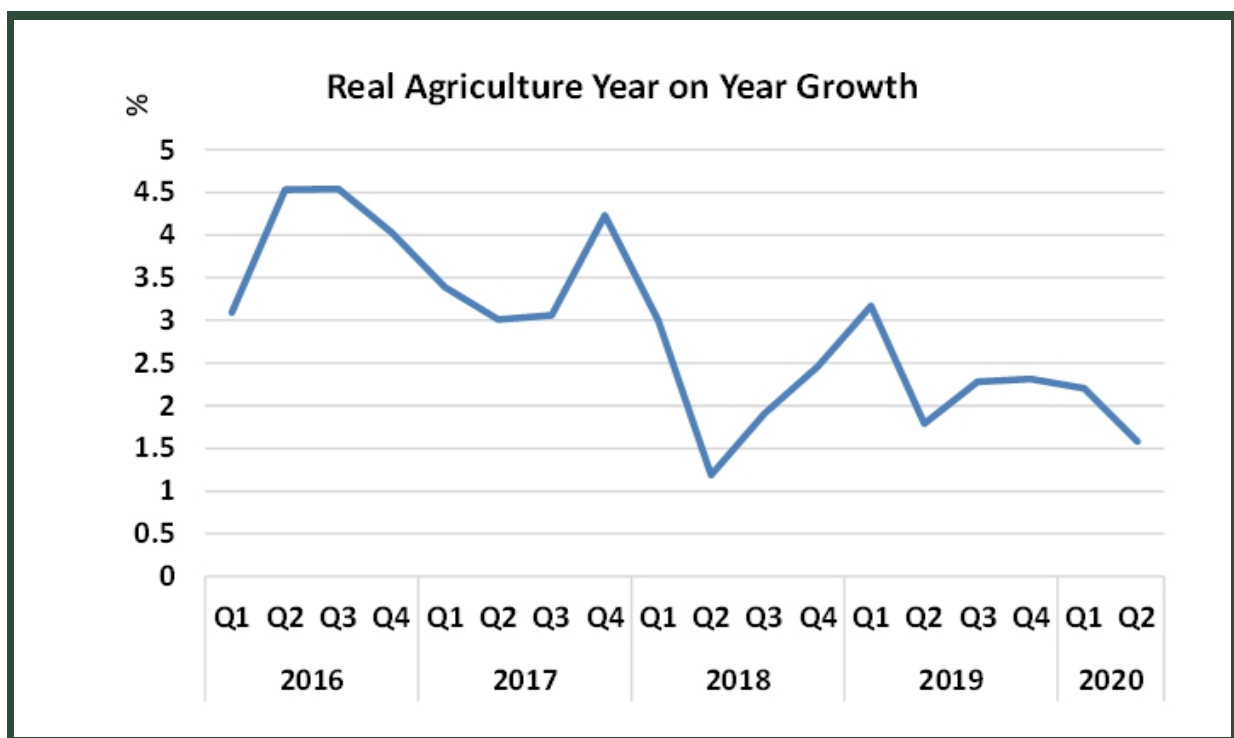
Quarrying and Other Minerals



## Agriculture

Four sub-activities make up the Agricultural sector: Crop Production, Livestock, Forestry and Fishing. The sector grew by 19.90% year-on-year in nominal terms in Q2 2020, showing an increase of 2.14% points from the same quarter of 2019. Looking at the preceding quarter's growth rate of 22.47%, this quarter's growth rate represented a decline of -2.57% points. Crop Production remained the major growth driver of the sector, as it accounted for 87.34% of nominal GDP in the sector in Q2 2020. Quarter on Quarter, growth stood at 9.36% in the second quarter of 2020.

Agriculture contributed 23.92% to nominal GDP, higher than the rates recorded for the second quarter of 2019 and the first quarter of 2020 which recorded 19.39% and 20.88% respectively.



*Figure 5: Agriculture real growth*

In real terms, the agricultural sector grew by 1.58% (year-on-year) in the second quarter of 2020, a decrease of -0.21% points from the corresponding period of 2019, and -0.62% points from the preceding quarter. On a quarter on quarter basis, the sector grew at 6.57%. Further, the sector contributed 24.65% to aggregate real GDP in Q2 2020, higher than the contributions in the second quarter of 2019 and the first quarter of 2020 which stood at 22.78% and 21.96% respectively.



# GDP REPORT Q2 2020

## Agriculture: Q1 2019 – Q2 2020

### Agriculture sector



Agricultural sector grew by 1.58% in Q2 2020 from 2.22% in Q1 2020 and 1.79% in Q2 2019.



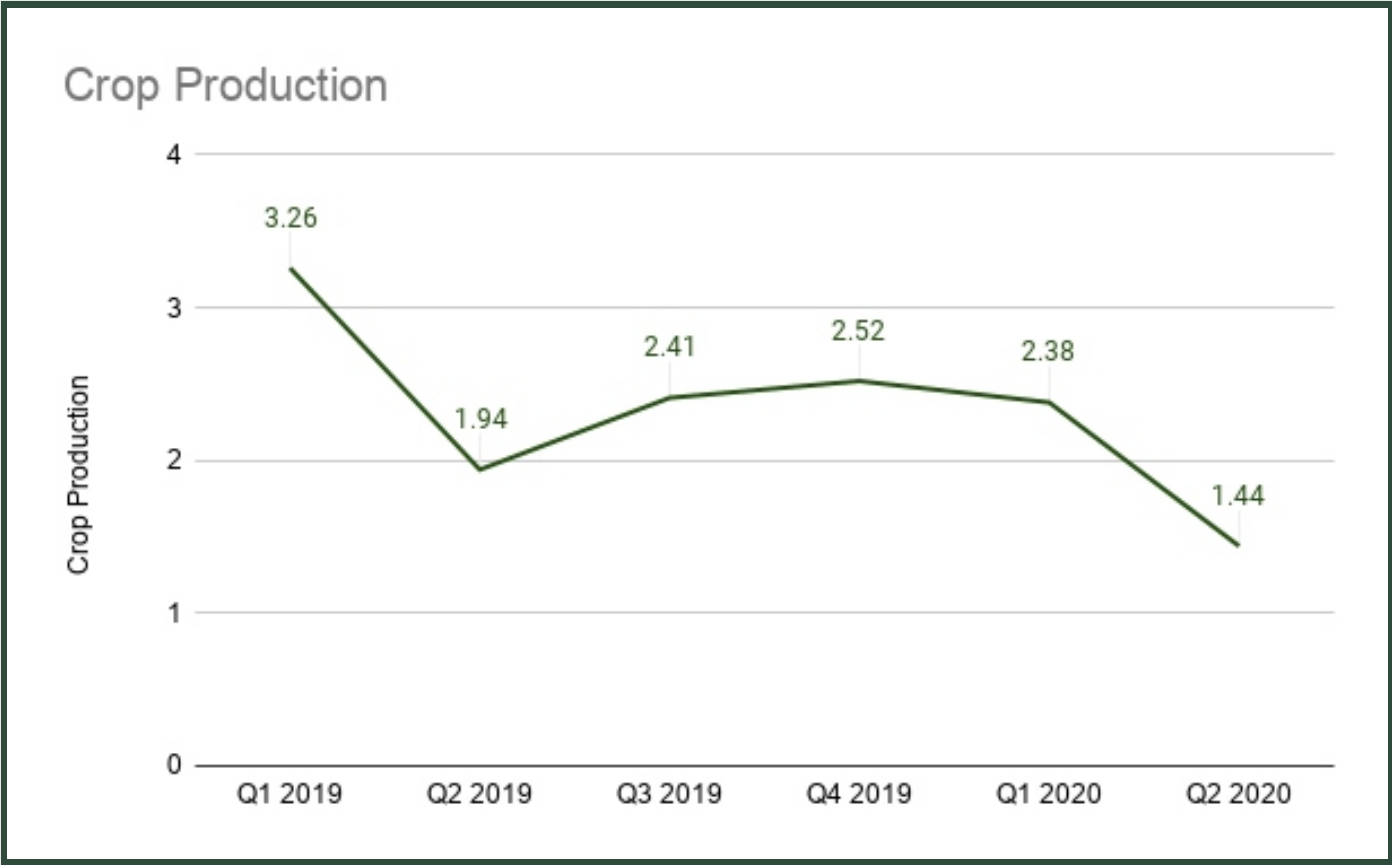
# GDP REPORT Q2 2020

## Crop Production: Q1 2019 – Q2 2020

### Crop Production



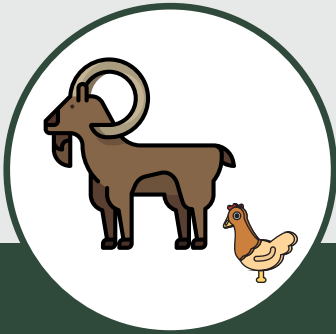
Crop Production sector grew by 1.44% in Q2 2020 from 2.38% in Q1 2020 and 1.94% in Q2 2019.



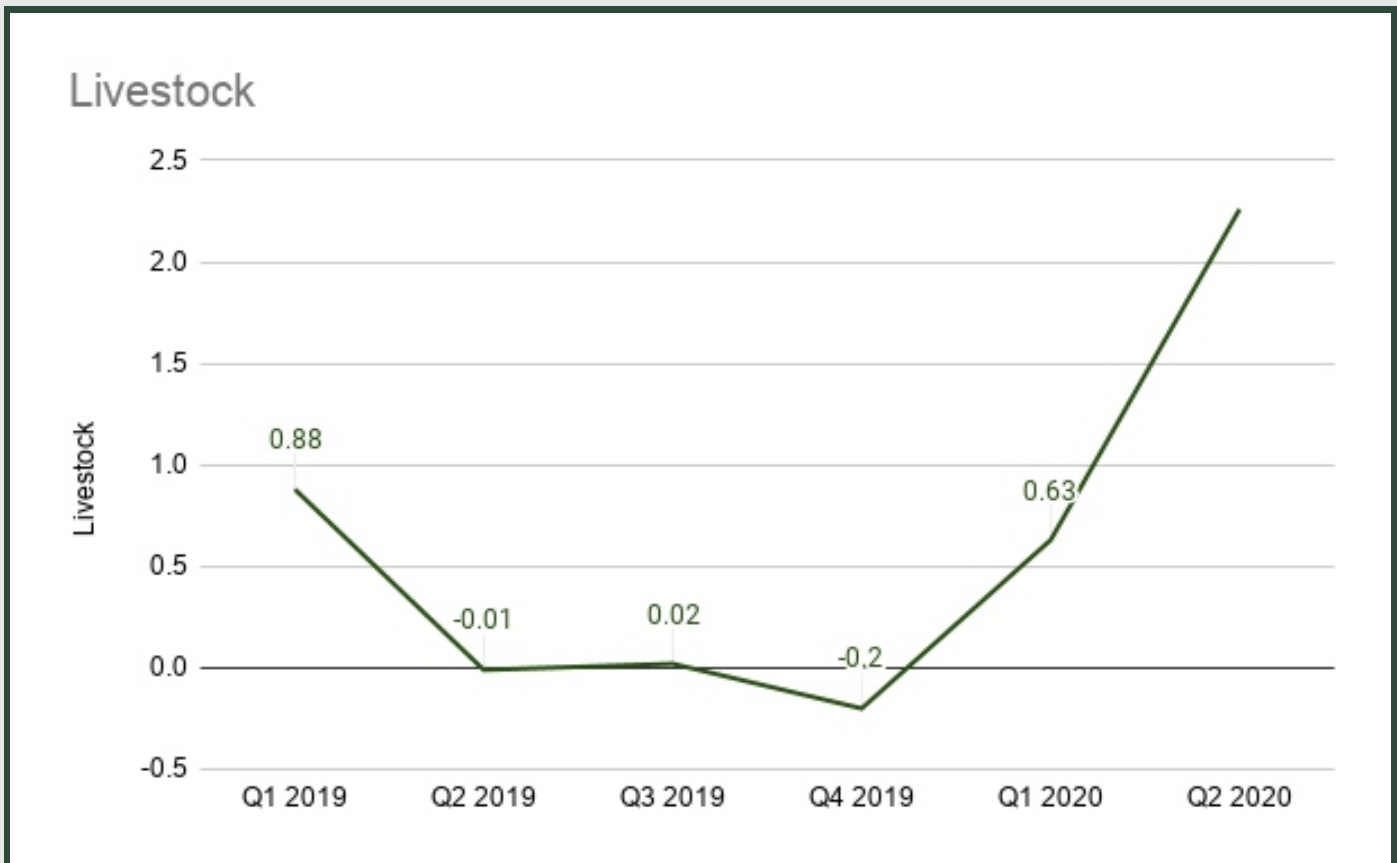
# GDP REPORT Q2 2020

## Livestock: Q1 2019 - Q2 2020

### Livestock



Livestock under agriculture sector grew by 2.26% in Q2 2020 from 0.63% in Q1 2020 and -0.01% in Q2 2019



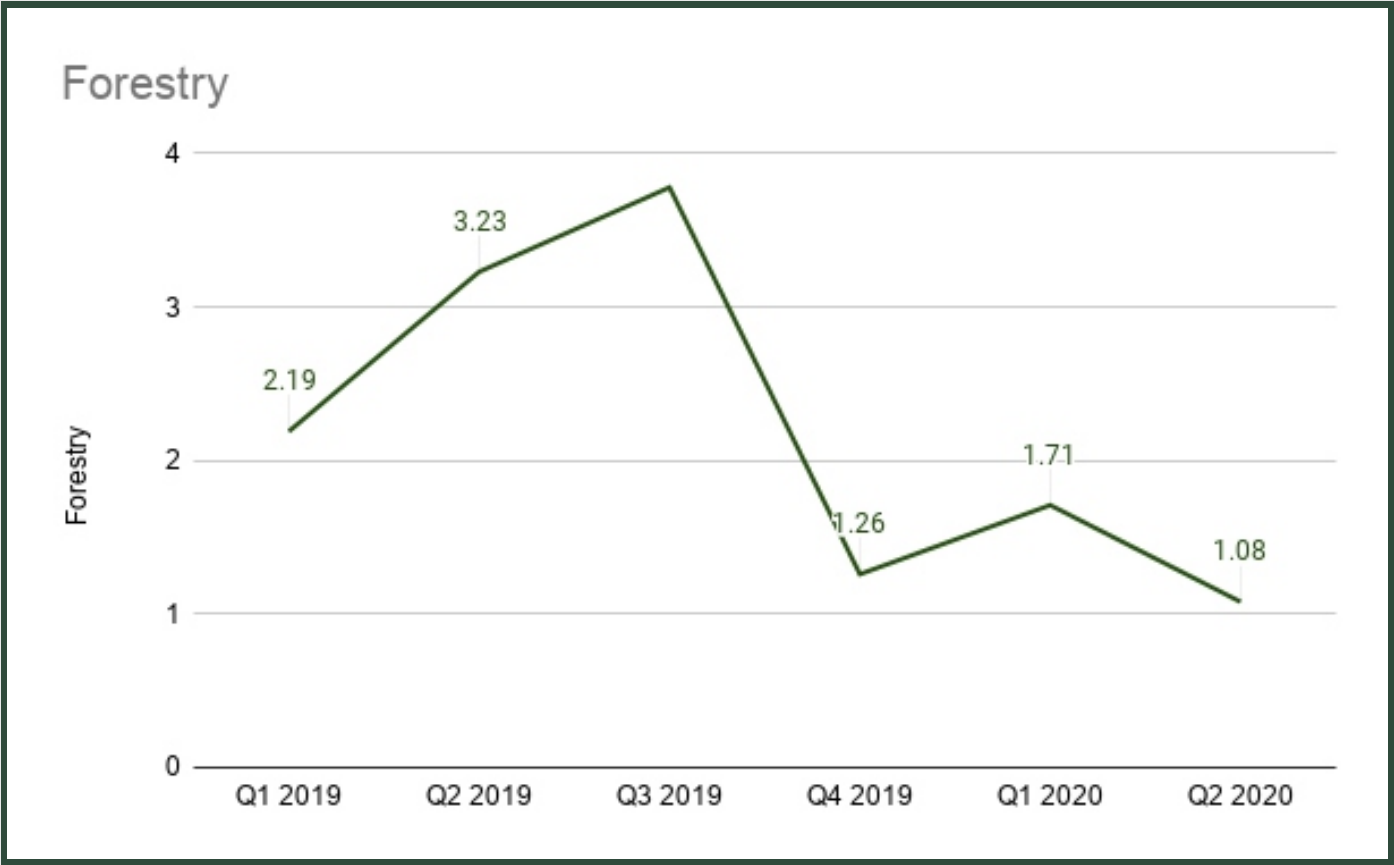
# GDP REPORT Q2 2020

## Forestry: Q1 2019 – Q2 2020

### Forestry



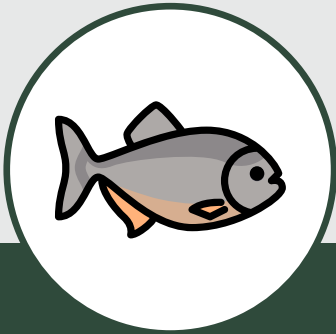
Forestry under agriculture sector grew by 1.08% in Q2 2020 from 1.71% in Q1 2020 and 3.23% in Q2 2019



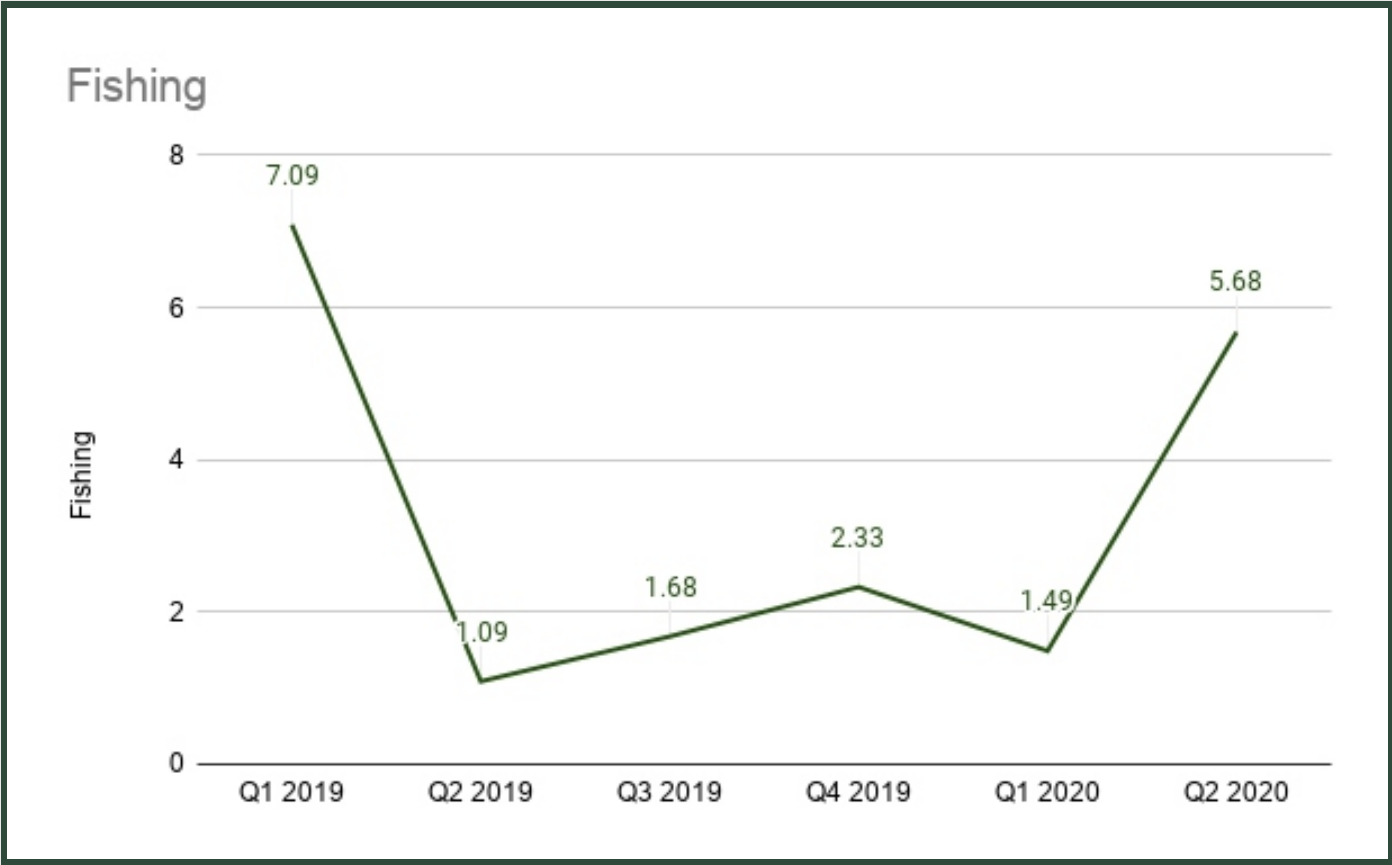
# GDP REPORT Q2 2020

## Fishing: Q1 2019 - Q2 2020

### Fishing



Fishing under agriculture sector grew by 5.68% in Q2 2020 from 1.49% in Q1 2020 and 1.09% in Q2 2019.



## 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 second quarter of 2020 was recorded at -0.14% (year-on-year), or -37.92% points lower than figures recorded in the corresponding period of 2019 (37.79%) and -28.61% points lower than the preceding quarter's figure of 28.47%. Quarter on Quarter growth of the sector was recorded at -13.31%. The contribution of Manufacturing to nominal GDP in the second quarter of 2020 was 11.79%, which was higher than recorded in the corresponding period of 2019 (11.47%) but lower than recorded in the first quarter of 2020 (12.98%).

In Q2 2020, real GDP growth in the manufacturing sector was -8.78% (year on year), lower than the same quarter of 2019 and the preceding quarter by -8.64% points and -9.21% points respectively. Growth rate of the sector on a quarter-on-quarter basis stood at -13.17%, lower than the quarter on quarter growth rate recorded in the preceding quarter of 2020. Real contribution to GDP in Q2 2020 was 8.82%, lower than the 9.08% recorded in second quarter of 2019 and the 9.65% recorded in the first quarter of 2020.

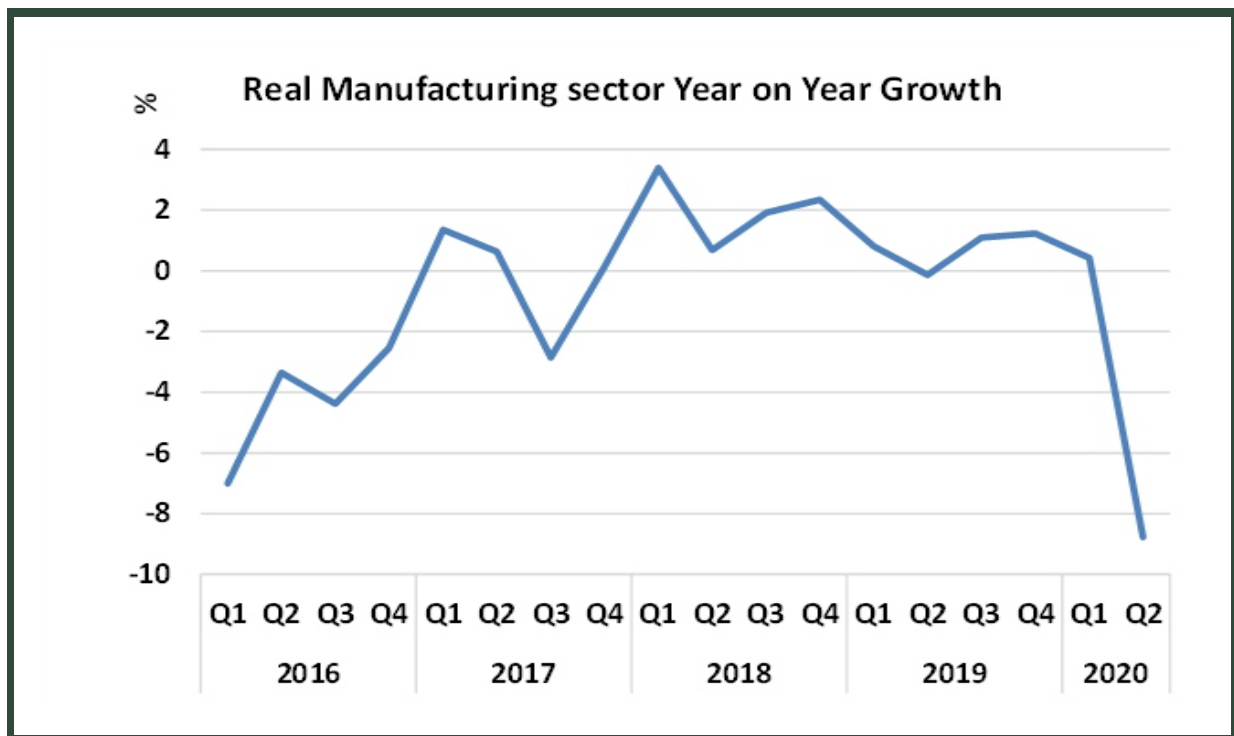
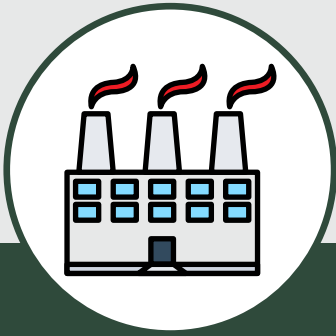


Figure 6: Manufacturing real growth

# GDP REPORT Q2 2020

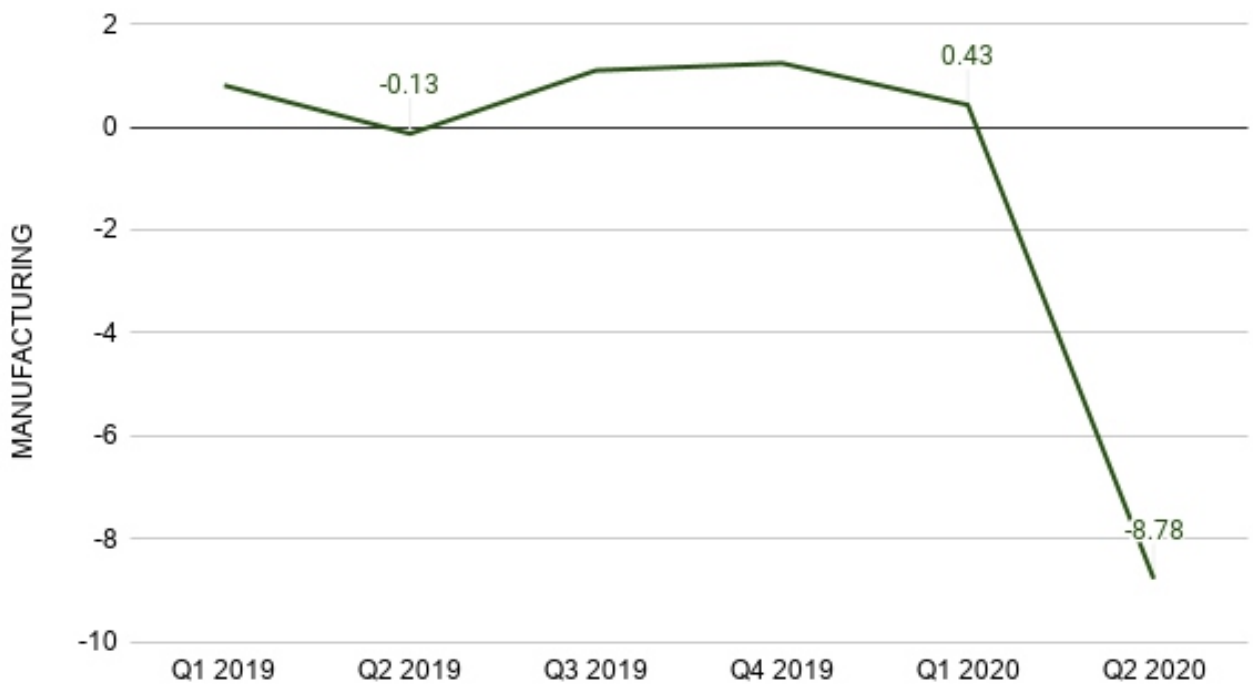
## Manufacturing Sector: Q1 2019 – Q2 2020

### Manufacturing sector



Manufacturing sector contracted by -8.78% in Q2 2020 from 0.43% in Q1 2020 and -0.13% in Q2 2019.

### MANUFACTURING



# GDP REPORT Q2 2020

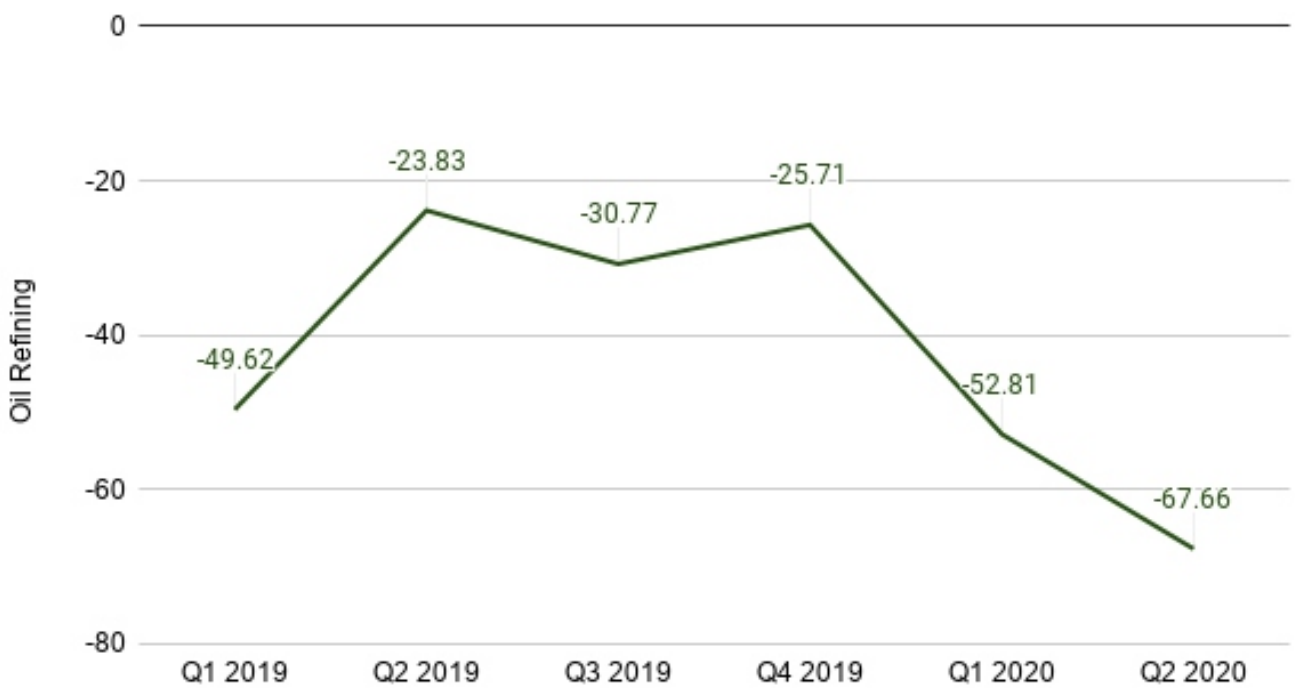
## Oil Refining : Q1 2019 – Q2 2020

### Oil Refining



Oil Refining under Manufacturing sector contracted by -67.66% in Q2 2020 from -52.81% in Q1 2020 and -23.83% in Q2 2019.

Oil Refining





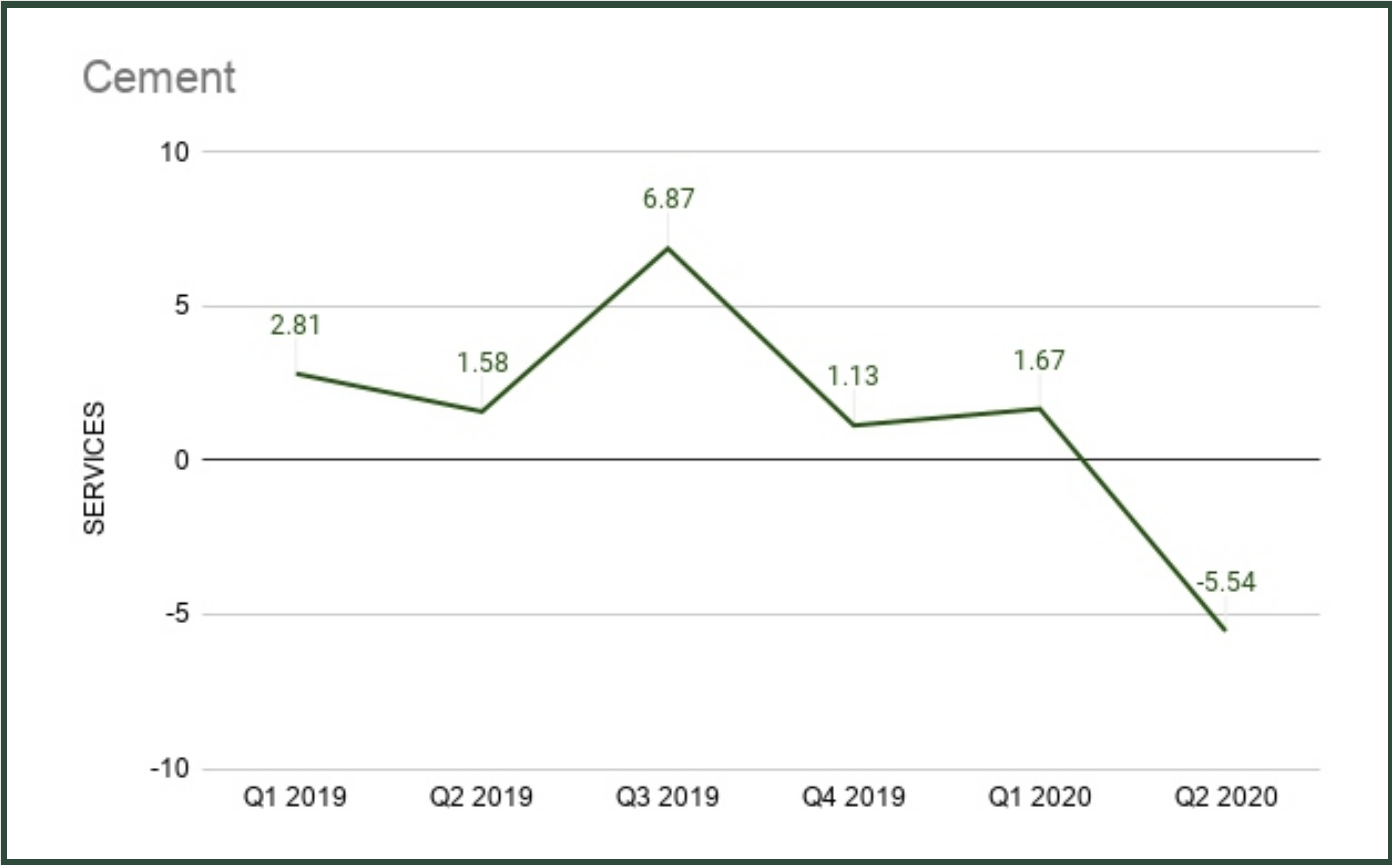
# GDP REPORT Q2 2020

## Cement: Q1 2019 - Q2 2020

### Cement



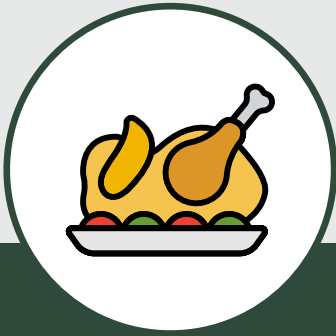
Cement under Manufacturing sector contracted by -5.54% in Q2 2020 from 1.67% in Q1 2020 and 1.58% in Q2 2019.



# GDP REPORT Q2 2020

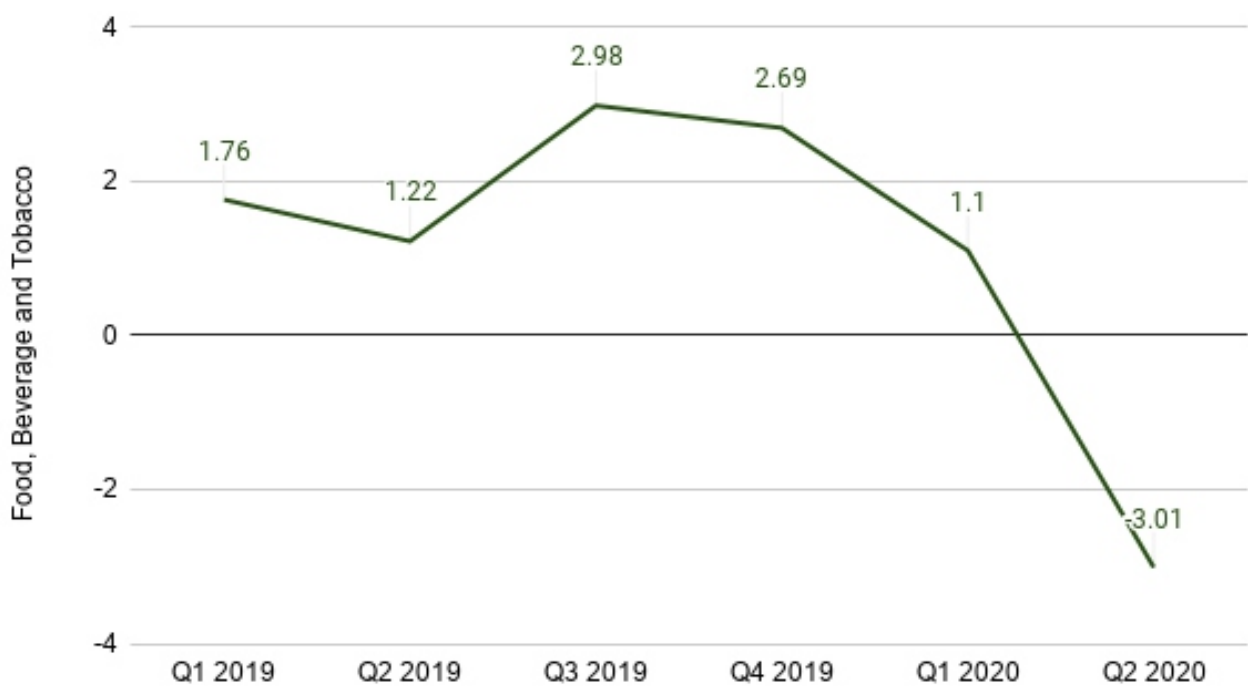
## Food, Beverage and Tobacco: Q1 2019 – Q2 2020

### Food, Beverage and Tobacco



Food, Beverage and Tobacco under Manufacturing sector contracted by -3.01% in Q2 2020 from 1.10% in Q1 2020 and 1.22% in Q2 2019.

Food, Beverage and Tobacco



# GDP REPORT Q2 2020

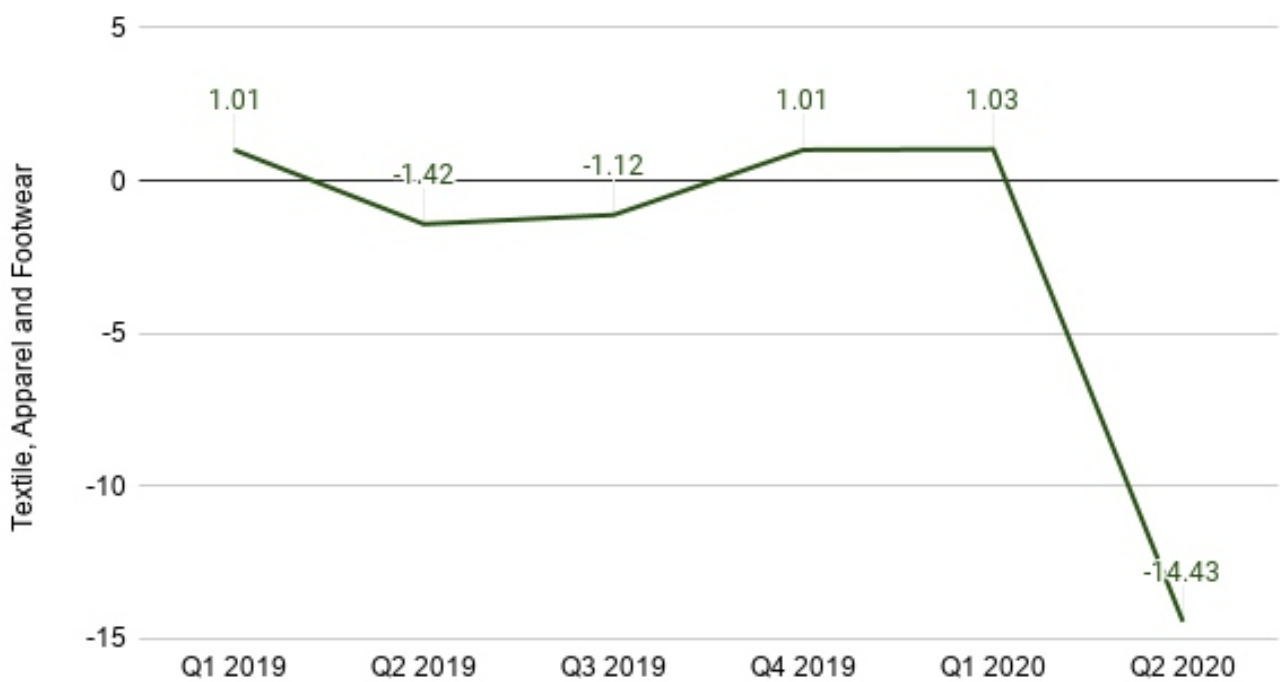
## Textile, Apparel and Footwear: Q1 2019 – Q2 2020

### Textile, Apparel and Footwear



Textile, Apparel and Footwear under Manufacturing sector contracted by -14.43% in Q2 2020 from 1.03% in Q1 2020 and -1.42% in Q2 2019.

Textile, Apparel and Footwear



# GDP REPORT Q2 2020

## Wood and Wood Products: Q1 2019 – Q2 2020

### Wood and Wood Products



Wood and Wood Products under Manufacturing sector contracted by -10.71% in Q2 2020 from 1.25% in Q1 2020 and 1.19% in Q2 2019.



# GDP REPORT Q2 2020

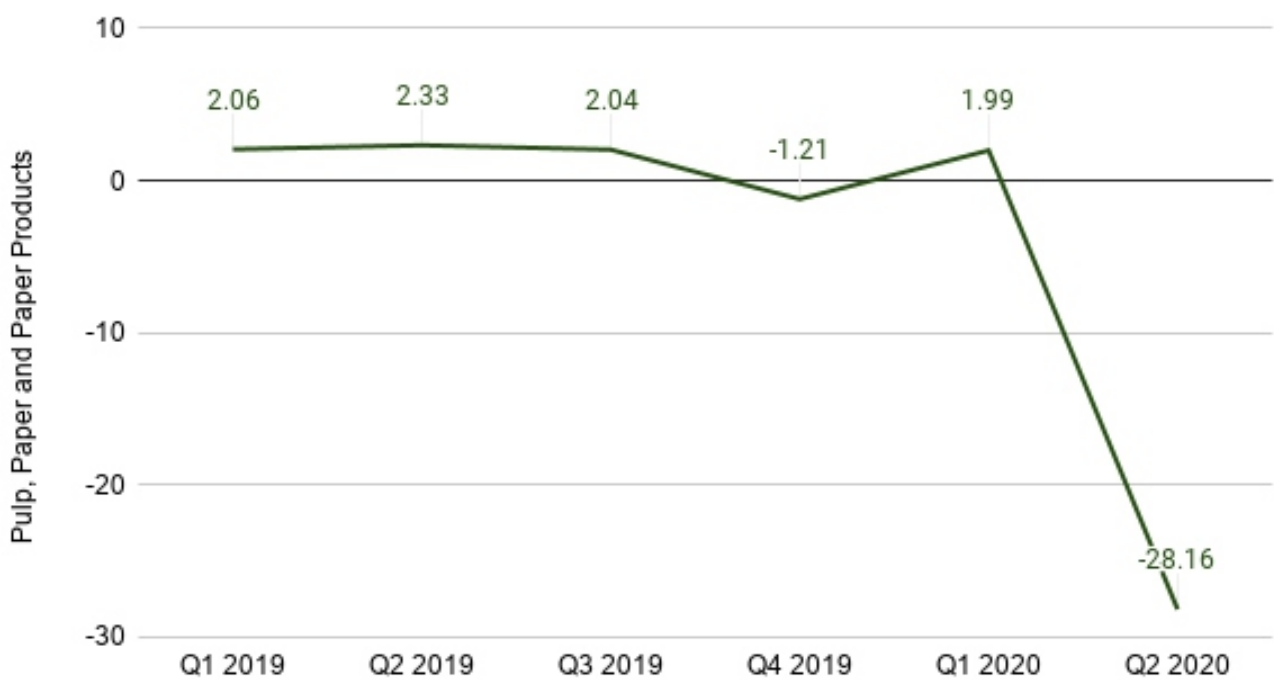
## Pulp, Paper and Paper Products: Q1 2019 – Q2 2020

### Pulp, Paper and Paper Products



Pulp, Paper and Paper under Manufacturing sector contracted by -28.16% in Q2 2020 from 1.99% in Q1 2020 and 2.33% in Q2 2019.

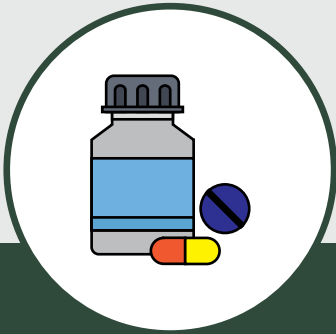
Pulp, Paper and Paper Products



# GDP REPORT Q2 2020

## Chemical and Pharmaceutical Product: Q1 2019 – Q2 2020

### Chemical and Pharmaceutical Products



Chemical and Pharmaceutical Products under Manufacturing sector grew by 3.79% in Q2 2020 from 0.58% in Q1 2020 and -1.27% in Q2 2019.



# GDP REPORT Q2 2020

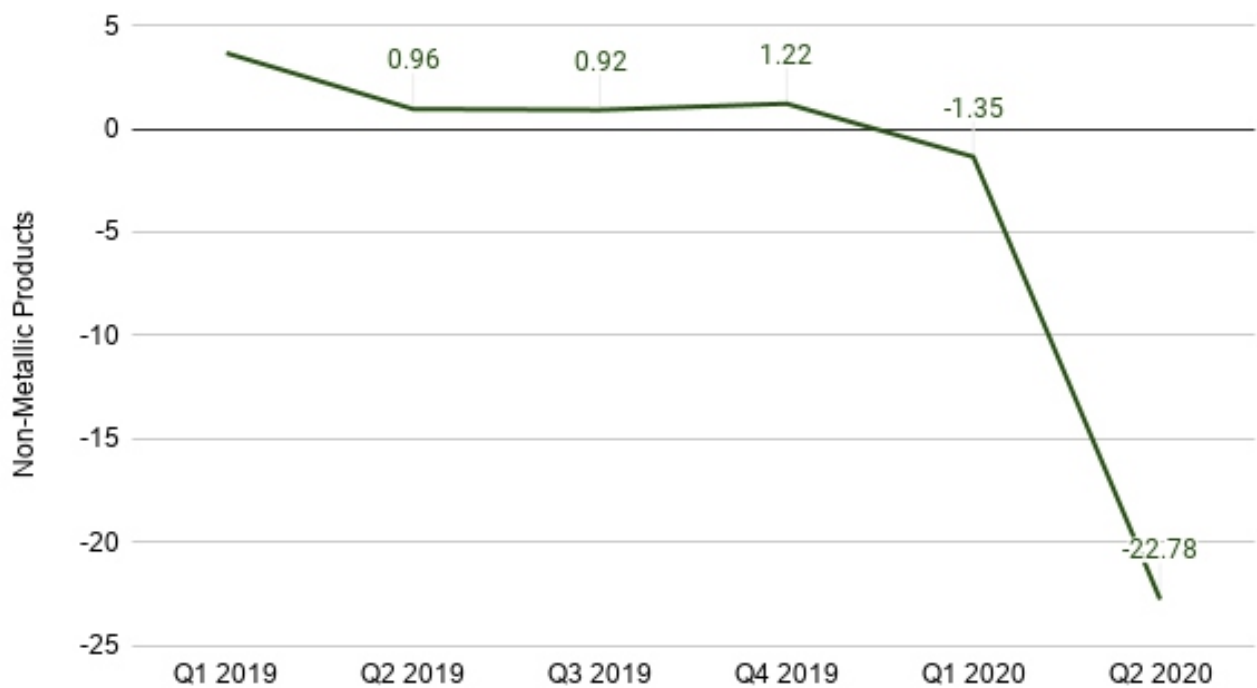
## Non-Metallic Products: Q1 2019 – Q2 2020

### Non-Metallic Products



Non-Metallic Products under Manufacturing sector contracted by -22.78% in Q2 2020 from -1.35% in Q1 2020 and 0.96% in Q2 2019

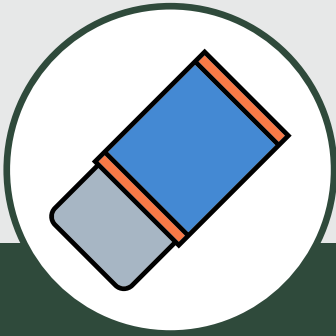
Non-Metallic Products



# GDP REPORT Q2 2020

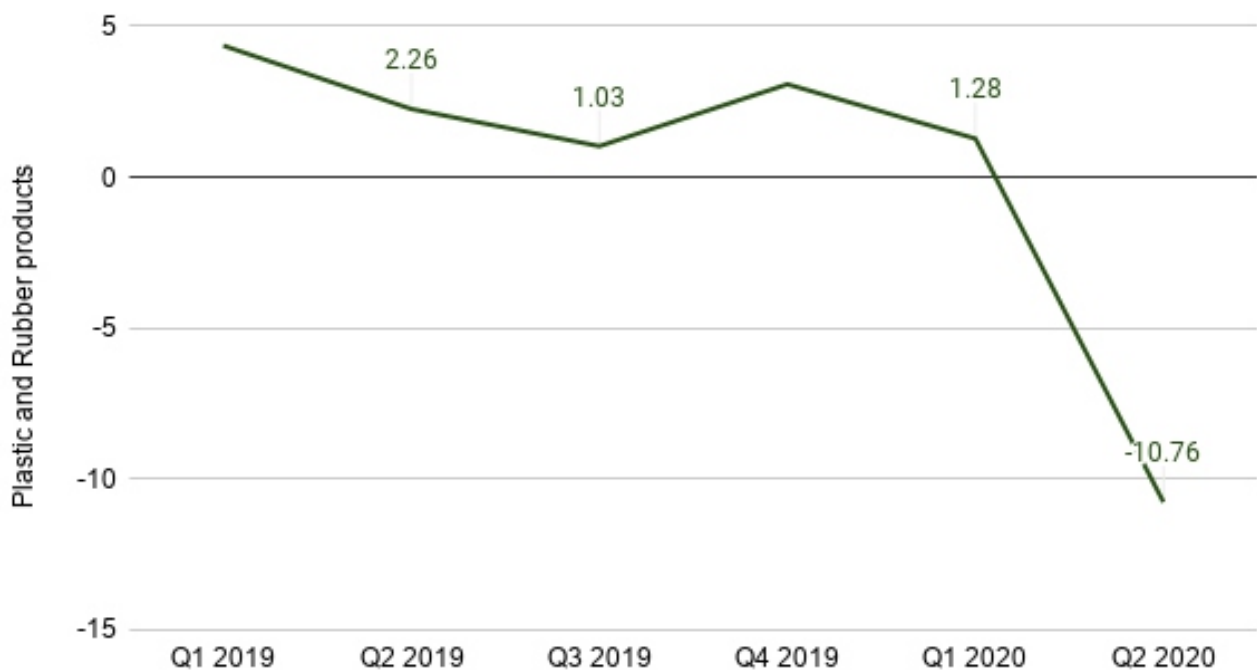
## Plastic and Rubber Products: Q1 2019 – Q2 2020

### Plastic and Rubber Products



Plastic and Rubber Products under Manufacturing sector contracted by -10.76% in Q2 2020 from 1.28% in Q1 2020 and 2.26% in Q2 2019

Plastic and Rubber products





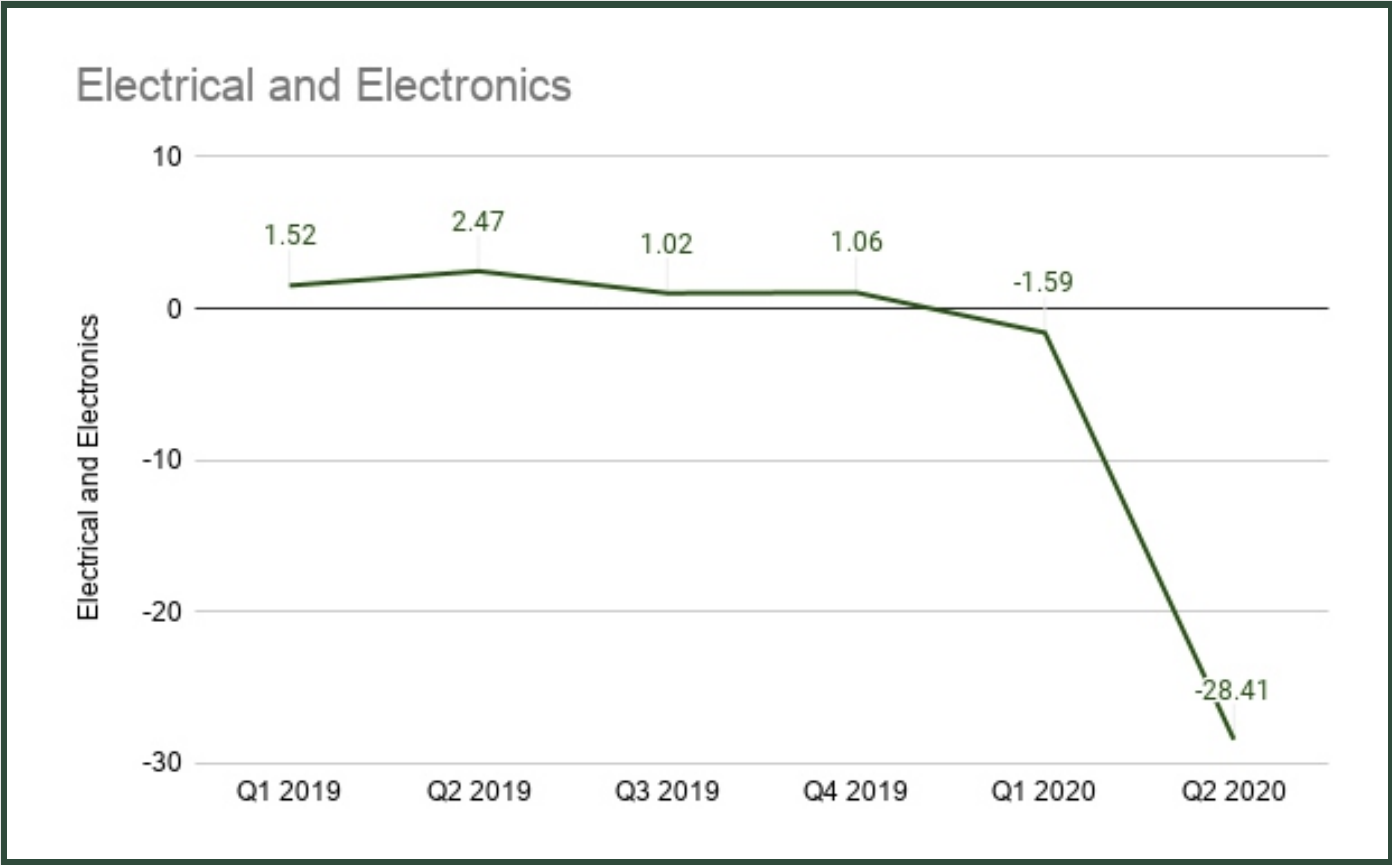
# GDP REPORT Q2 2020

## Electrical and Electronics: Q1 2019 – Q2 2020

### Electrical and Electronics



Electrical and Electronics under Manufacturing sector contracted by -28.41% in Q2 2020 from -1.59% in Q1 2020 and 2.47% in Q2 2019



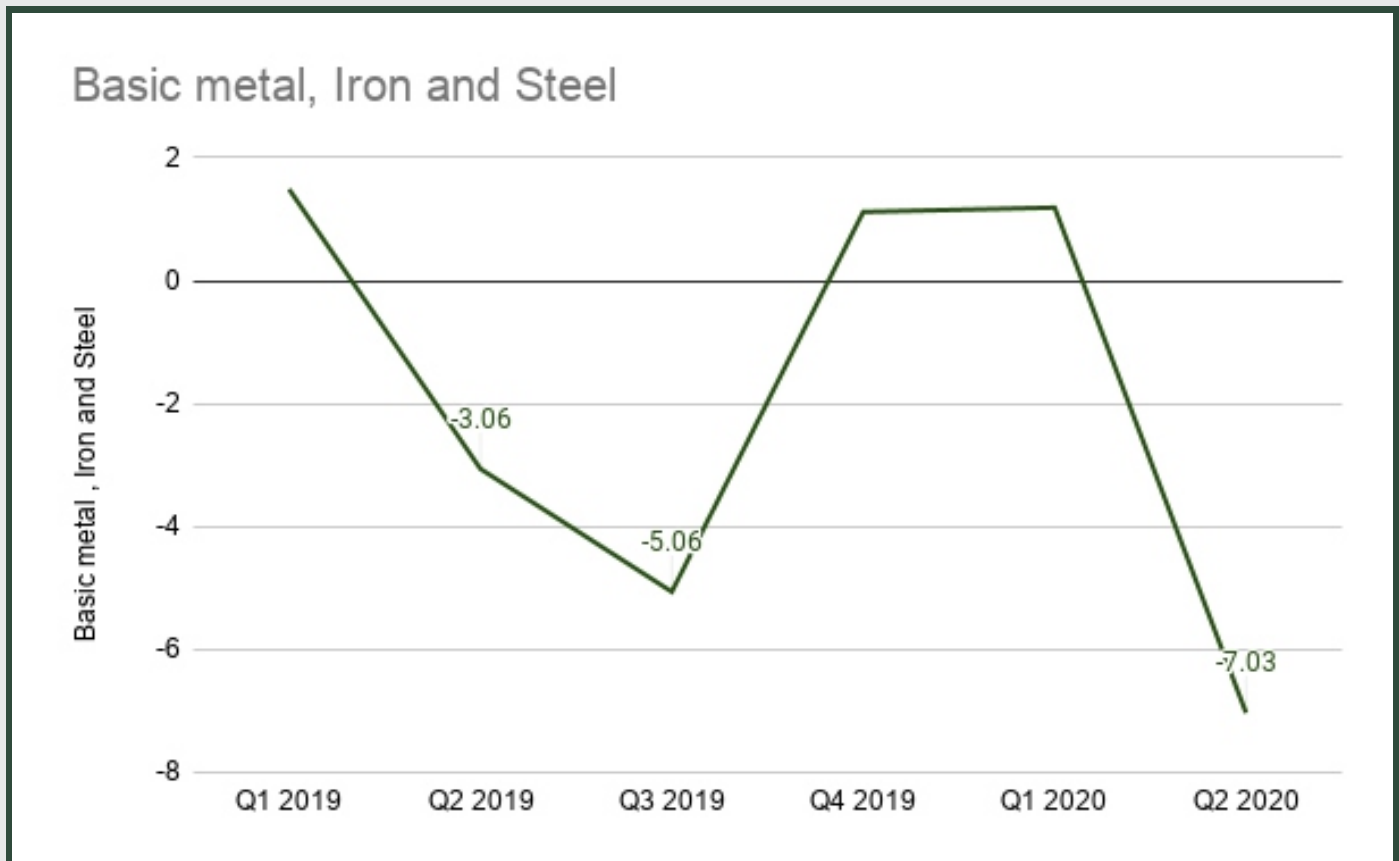
# GDP REPORT Q2 2020

## Basic Metal , Iron and Steel: Q1 2019 – Q2 2020

### Basic metal , Iron and Steel



Basic metal, Iron and Steel under Manufacturing sector contracted by -7.03% in Q2 2020 from 1.19% in Q1 2020 and -3.06% in Q2 2019



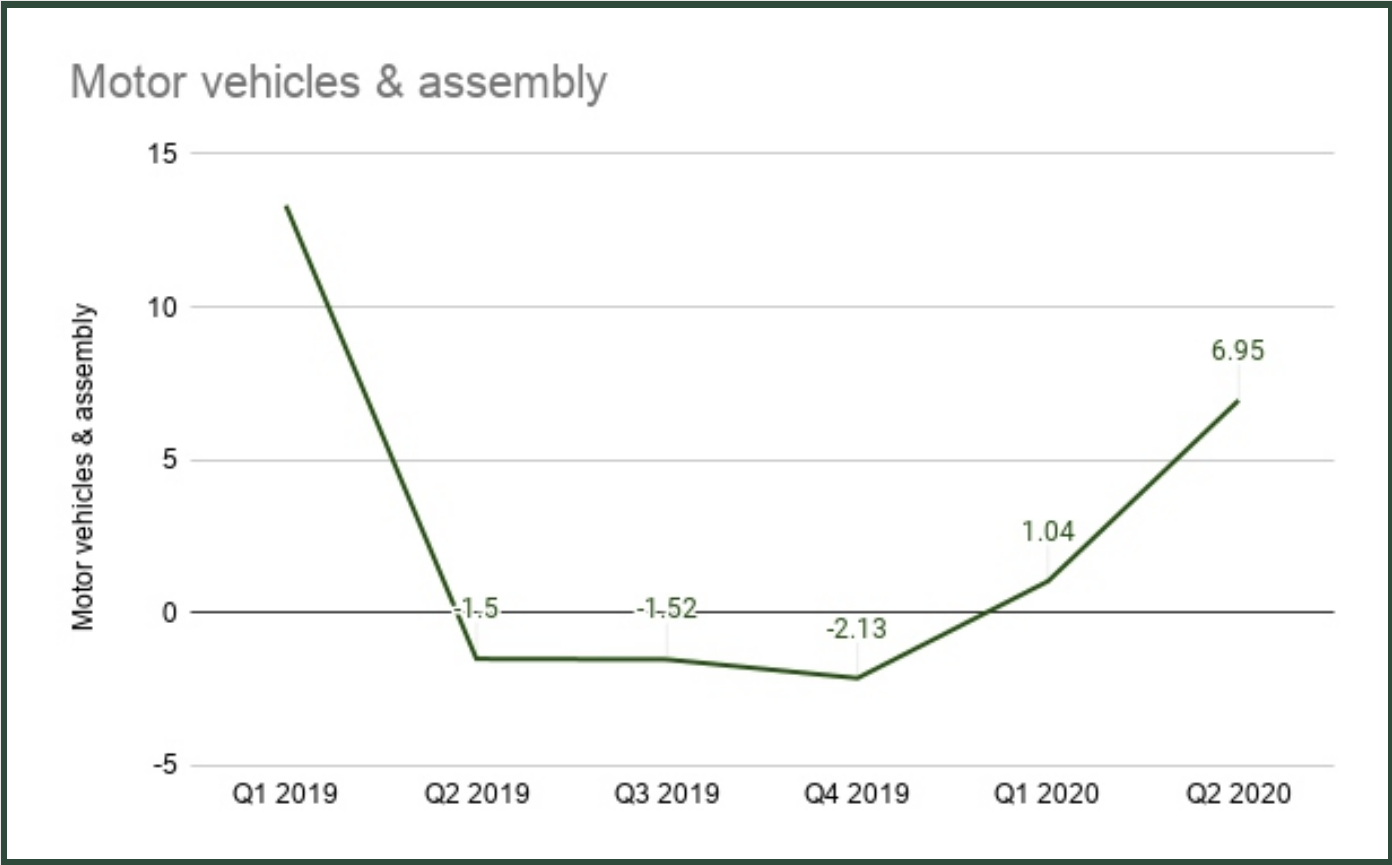
# GDP REPORT Q2 2020

## Motor Vehicles & Assembly: Q1 2019 – Q2 2020

### Motor Vehicles & Assembly



Motor Vehicles & Assembly under Manufacturing sector grew by 6.95% in Q2 2020 from 1.04% in Q1 2020 and -1.50% in Q2 2019



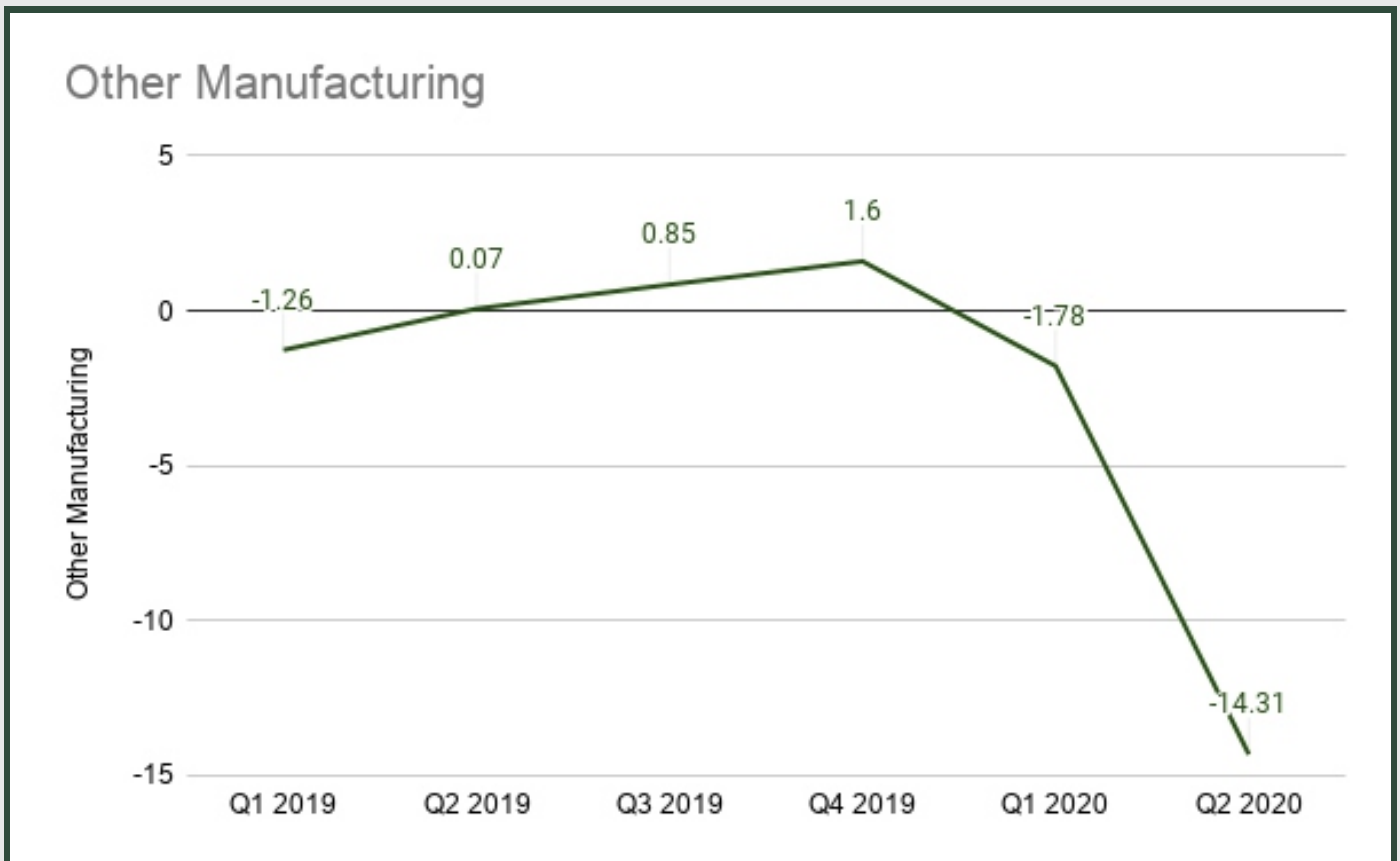
# GDP REPORT Q2 2020

## Other Manufacturing: Q1 2019 - Q2 2020

### Other Manufacturing



Other Manufacturing under Manufacturing sector contracted by -14.31% in Q2 2020 from -1.78% in Q1 2020 and 0.07% in Q2 2019



## Electricity, Gas, Steam and Air Conditioning Supply

The Electricity, Gas, Steam and Air conditioning Supply sector recorded a year on year growth of 8.64% in the second quarter of 2020. This was -21.11% points lower than the 29.75% growth rate recorded in the corresponding quarter of 2019, and -8.87% points lower than the growth rate of 17.51% recorded in the quarter before. Quarter-on-Quarter, the sector recorded a growth rate of 132.64% in Q2 2020. The contribution of Electricity, Gas, Steam and Air Conditioning Supply to Nominal GDP in second quarter 2020 was 0.92%, higher than the contribution made in the corresponding quarter of 2019 at 0.82% and higher with its contribution of 0.38% in the quarter before.

In real terms however, the sector declined by -3.00% in Q2 2020, a decrease from the growth rate of 0.43% recorded in the same quarter of 2019. When compared to the immediate past quarter, this was a decrease of -0.69% points. Quarter-on-Quarter, the sector grew at a rate of 122.14%. The contribution of this sector to real GDP in the second quarter of 2020 was 0.47%, up slightly from last year's 0.46%. This figure was also higher than the first quarter 2020 contribution of 0.20%.

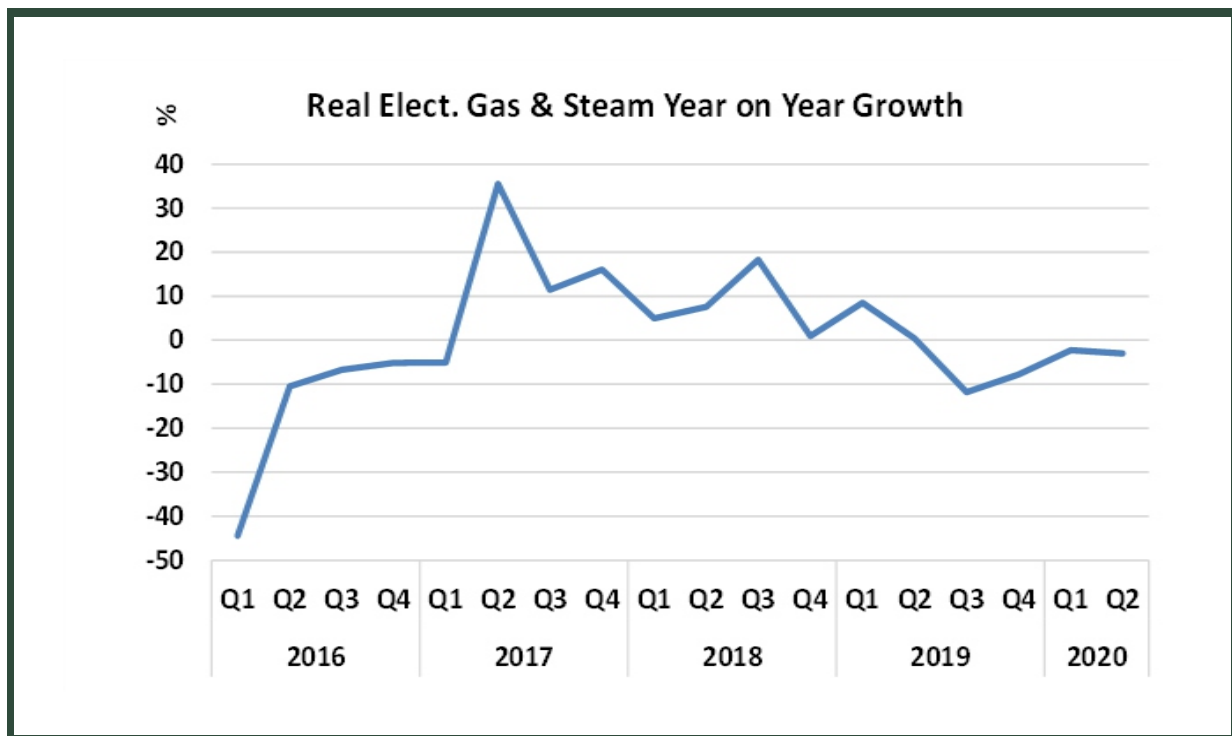
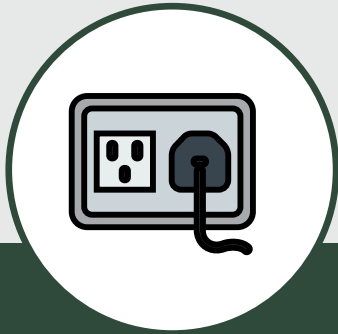


Figure 7: Elect. Gas an Steam real growth

## GDP REPORT Q2 2020

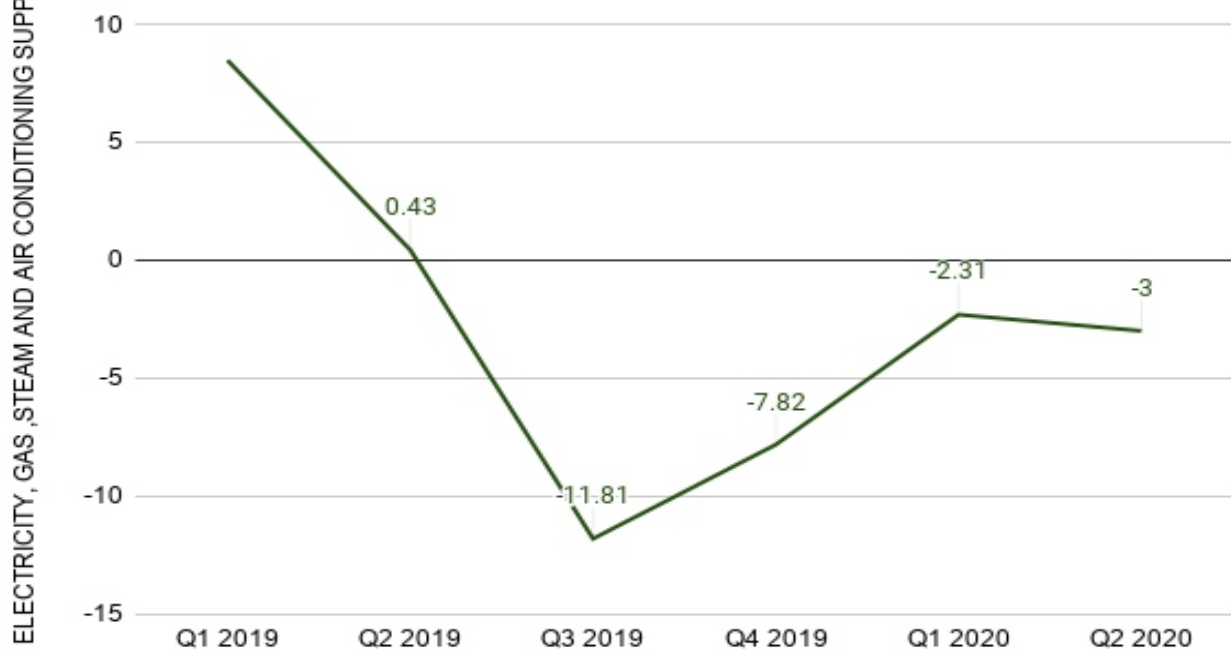
### Electricity, Gas, Steam and Air Conditioning Supply: Q1 2019 – Q2 2020

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



Electricity, Gas, Steam and Air Conditioning Supply sector contracted by -3.00% in Q2 2020 from -2.31% in Q1 2020 and 0.43% in Q2 2019

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



## Construction

Construction sector output decreased by -3.20% in nominal terms (year on year) in 2020 second quarter, a drop of -46.01% points compared to the rate of 42.80% recorded in the same quarter of 2019. This represents a fall of -47.46% points when compared to the rate recorded in the preceding quarter. Nominal growth quarter on quarter was recorded at -17.89%. Construction contributed 6.83% to nominal GDP in the second quarter of 2020, lower than the 6.86% it contributed a year earlier and lower than the 7.94% contributed in the first quarter of 2020.

The real growth rate of the construction sector in the second quarter of 2020 was recorded at -31.77% (year on year), lower by -32.43% points from the rate recorded the previous year. Relative to the preceding quarter, there was a decrease of -33.45% points. Quarter on quarter, the sector declined by -24.77% in real terms, lower than the 12.12% it recorded in second quarter 2019 and lower than the 1.74% recorded in Q1 2020.

Its contribution to total real GDP was 3.23% in the second quarter of 2020; lower than its contribution of 4.45% in the same quarter of the preceding year, and lower than in the immediate past quarter where it contributed 4.08%.



**Figure 8: Construction real growth**

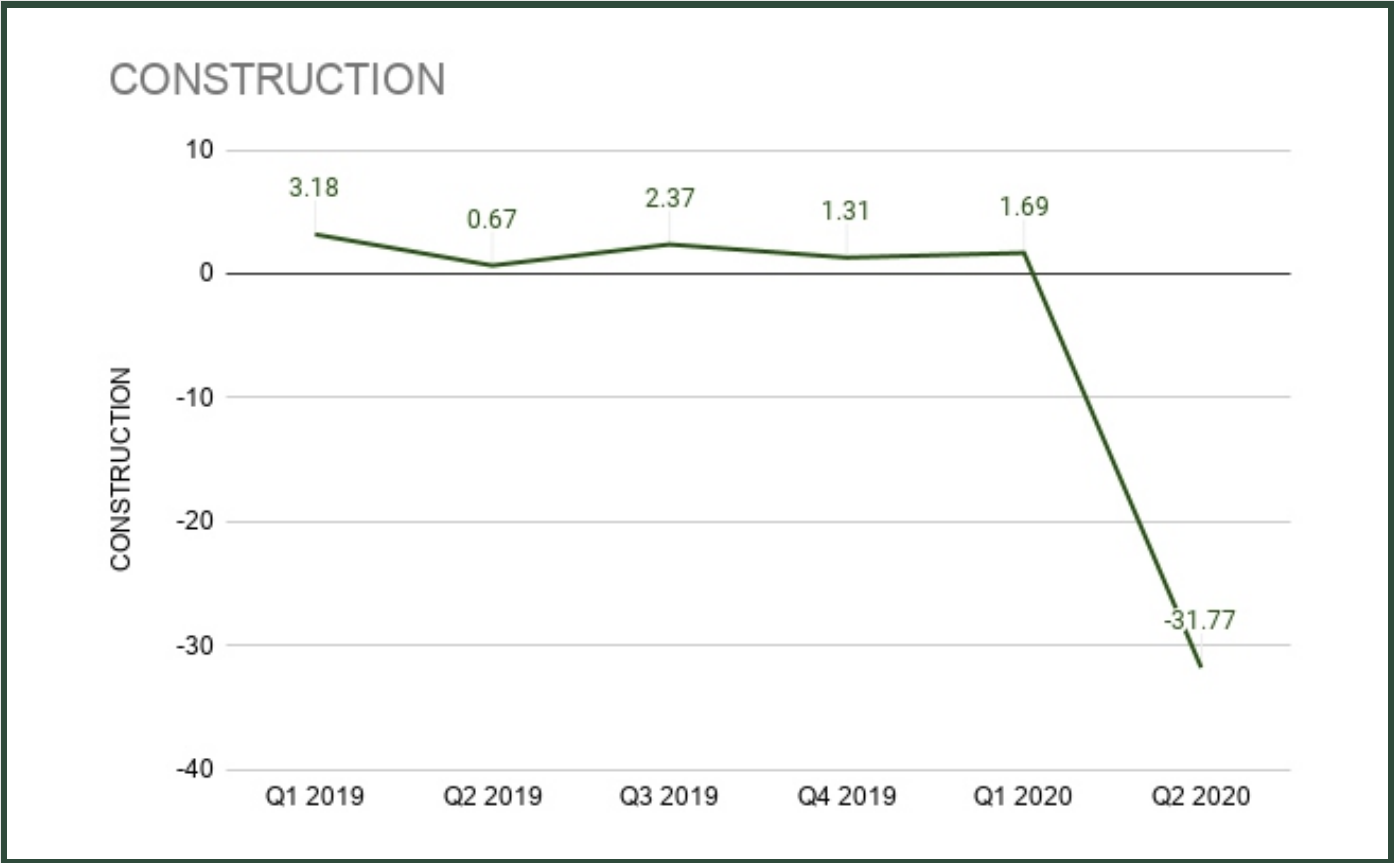
# GDP REPORT Q2 2020

## Construction: Q1 2019 – Q2 2020

### Construction



Construction sector contracted by -31.77% in Q2 2020 from 1.69% in Q1 2020 and 0.67% in Q2 2019





## Trade

In the second quarter of 2020, the nominal year on year growth rate of Trade stood at  $-14.95\%$ . This indicates a decrease of  $-17.97\%$  points when compared to the rate in the second quarter of 2019, and  $-14.67\%$  points lower than the previous quarter growth rate of  $-0.27\%$ . The quarter on quarter growth rate was  $-15.14\%$ . Trade's contribution to nominal GDP in the second quarter of 2020 was  $13.41\%$ , lower than the contribution in the same quarter of the previous year of  $15.33\%$ , and the preceding quarter recorded at  $15.09\%$ .



Figure 9: Trade real growth

In real terms, Trade's year on year growth stood at  $-16.59\%$ , which was  $-16.34\%$  points lower than the rate recorded one year earlier at  $-0.25\%$ , and  $-13.76\%$  points lower than the preceding quarter's  $-2.82\%$  growth rate. Quarter on quarter growth stood at  $-15.68\%$ , lower than the quarter on quarter growth recorded in the first quarter of 2020 at  $-13.79\%$ . In real terms, Trade's contribution to GDP was  $14.28\%$ , lower than the  $16.07\%$  it represented in the previous year, and the  $16.08\%$  recorded in Q1 2020.

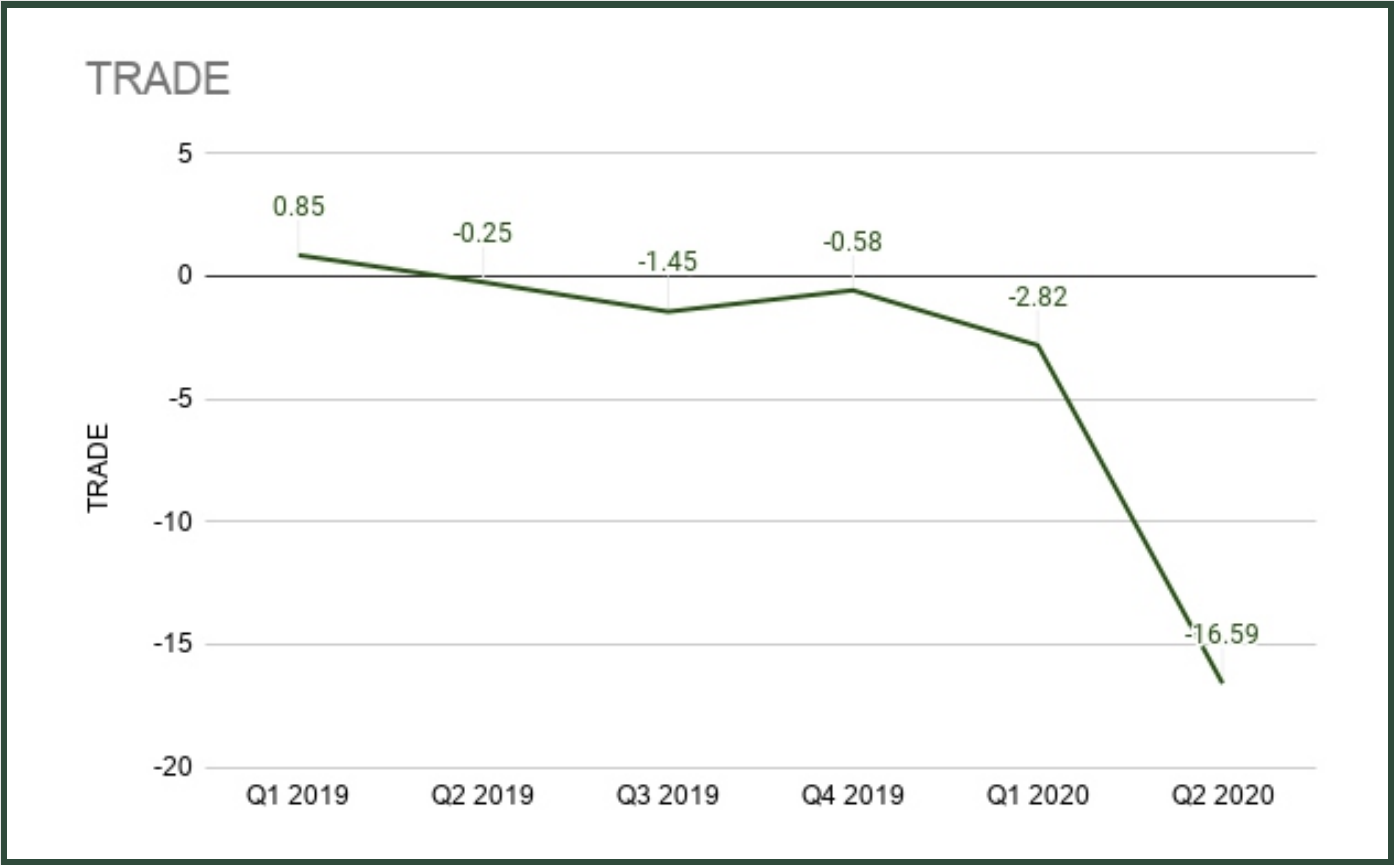
# GDP REPORT Q2 2020

## Trade: Q1 2019 - Q2 2020

### Wholesale and Retail Trade



Trade sector contracted by -16.59% in Q2 2020 from -2.82% in Q1 2020 and -0.25% in Q2 2019.



## Accommodation and Food Services

In nominal terms, Accommodation and Food Services fell by -30.16% year on year in Q2 2020. This represented a decline of -50.34% points relative to the same quarter of 2019, when the growth rate was 20.18%. Growth was lower than in the preceding quarter by -43.43% points when it recorded 13.27%. Quarter on quarter growth stood at -62.18%. Accommodation and Food Services' contribution to nominal GDP stood at 0.48% in the second quarter of 2020, lower than the figure recorded a year earlier, as well as in the first quarter of 2020 recorded at 0.66% and 1.21% respectively.

The real year on year growth rate for this sector in Q2 2020 stood at -40.19%, lower by -43.11% points from the 2.92% recorded a year earlier. Relative to the preceding quarter, the growth rate was -37.20% points lower from -2.99% recorded. Quarter on quarter real growth was -63.61%. In Q2 2020, this sector represented 0.41% of real GDP, lower than the contribution of 0.64% recorded in the second quarter of 2019 and the first quarter 2020 contribution of 1.07%.

# GDP REPORT Q2 2020

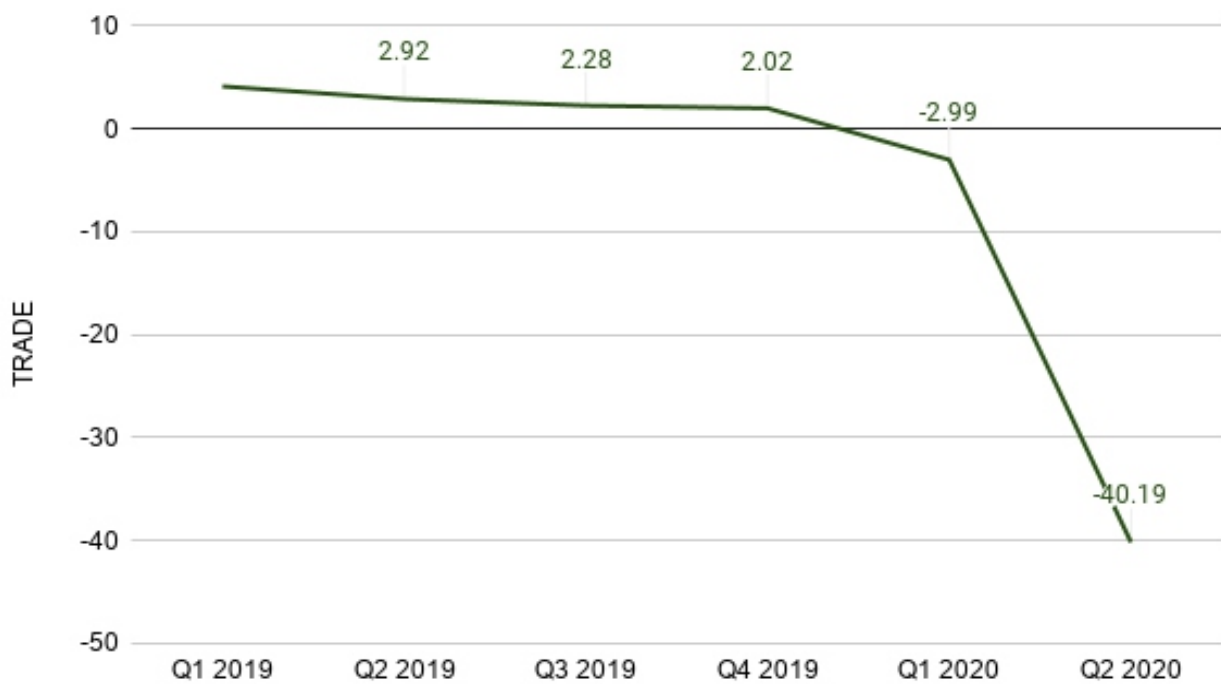
## Accommodation and Food Services: Q1 2019 – Q2 2020

### Accommodation and Food Services



Accommodation and Food Services sector contracted by -40.19% in Q2 2020 from -2.99% in Q1 2020 and 2.92% in Q2 2019

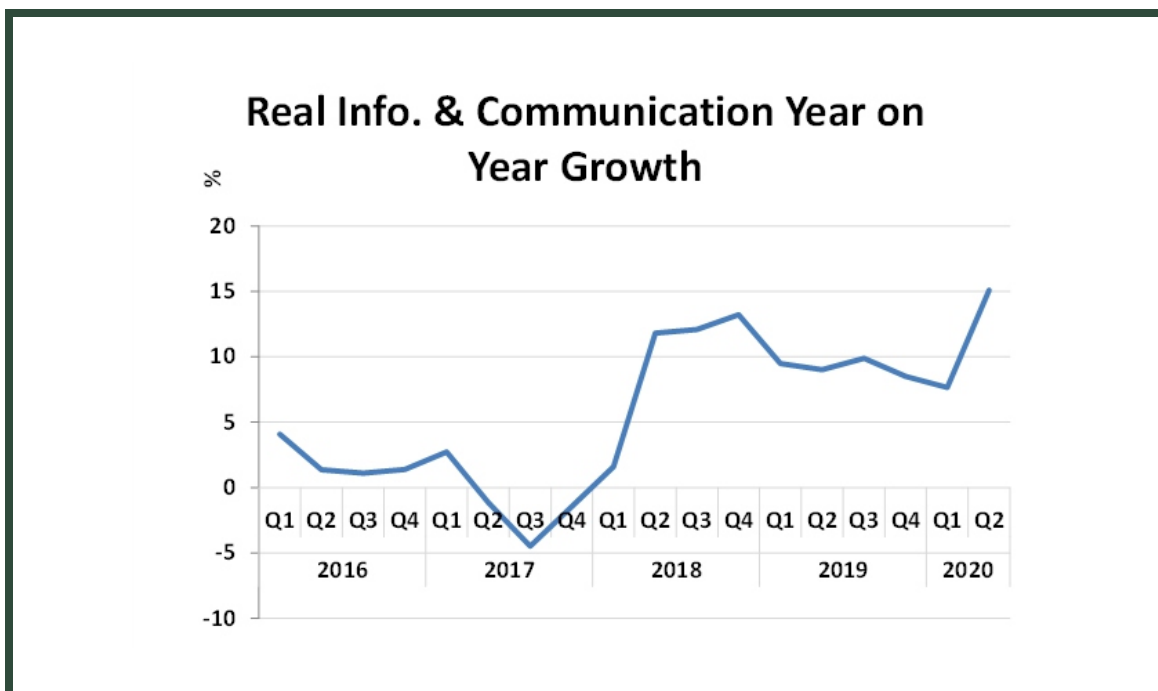
### ACCOMMODATION AND FOOD SERVICES



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, in the second quarter of 2020, the sector recorded growth at -1.15% (year-on-year), or -41.70% points decrease from the 40.54% recorded in the same quarter of 2019, and -10.09% points lower than rate recorded in the preceding quarter. The Quarter on Quarter growth rate recorded in the second quarter of 2020 was 30.12%. The Information and Communications sector contributed 14.06% to total nominal GDP in Q2 2020, lower than the rate of 13.83% recorded in the same quarter of 2019 but higher than the 10.31% it contributed in the preceding quarter.

In the second quarter of 2020, the sector recorded a growth rate of 15.09% in real terms, year on year. Compared to the rate recorded in the corresponding period of 2019, this was an increase of 6.09% points. Quarter on Quarter, the sector exhibited a growth of 20.32% in real terms. Out of total real GDP, the sector contributed 17.83% in 2020 second quarter, higher than in the same quarter of the previous year in which it represented 14.55% and the preceding quarter, in which it represented 14.07%.

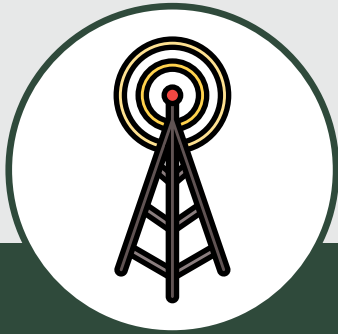


*Figure 10: Real Information & Communication growth*

# GDP REPORT Q2 2020

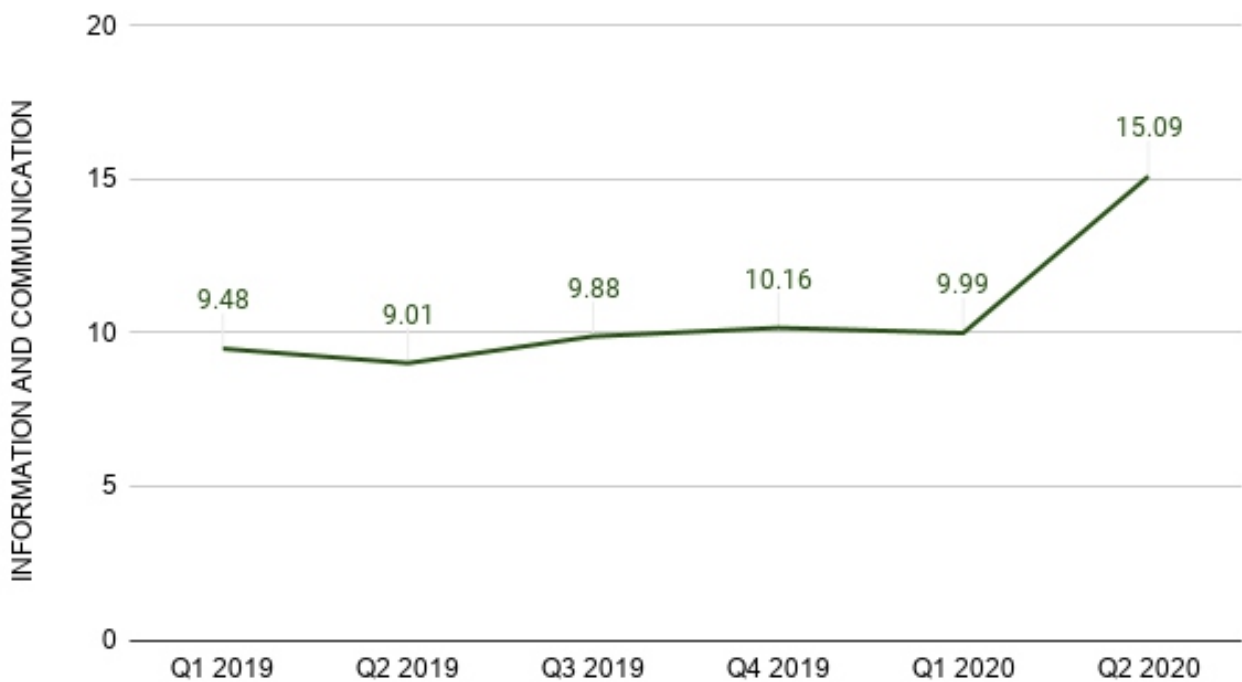
## Information and Communication : Q1 2019 – Q2 2020

### Information and Communication sector



Information and Communication sector grew by 15.09% in Q2 2020 from 9.99% in Q1 2020 and 9.01% in Q2 2019

### INFORMATION AND COMMUNICATION



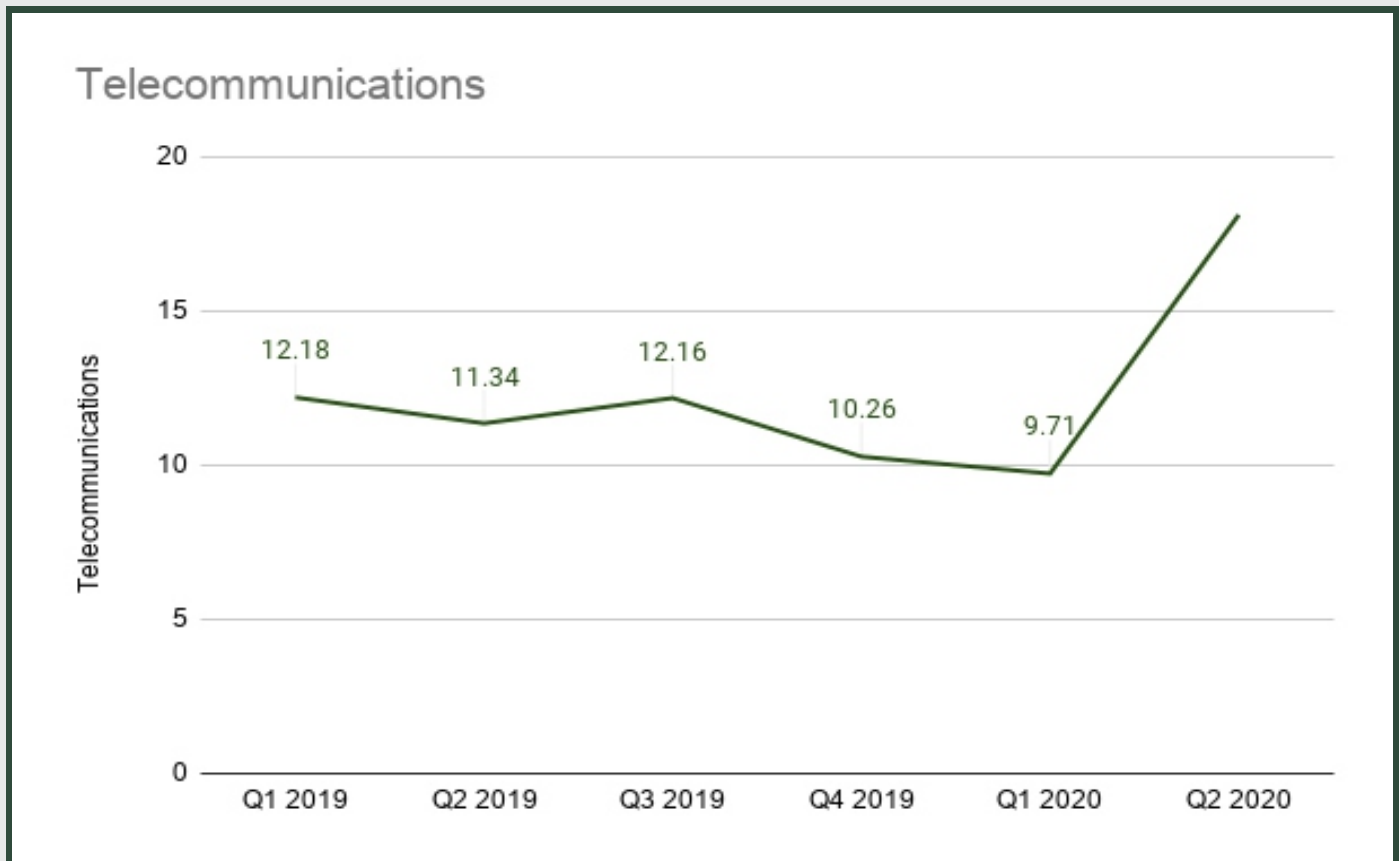
# GDP REPORT Q2 2020

## Telecommunications & Information Services: Q1 2019 – Q2 2020

### Telecommunications & Information Services



Telecommunications & Information Services under Information and Communication sector grew by 18.10% in Q2 2020 from 9.71% in Q1 2020 and 11.34% in Q2 2019



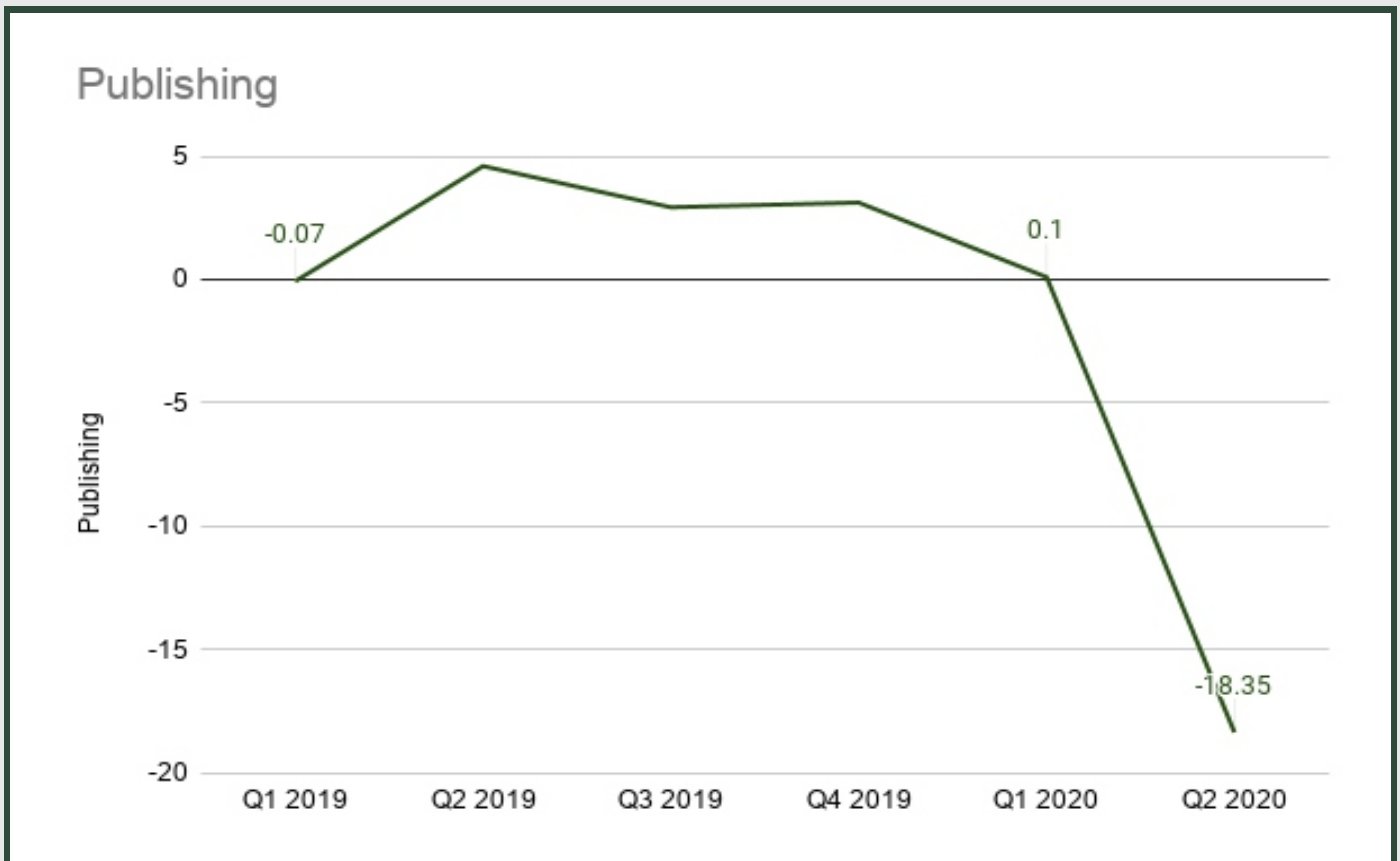
# GDP REPORT Q2 2020

## Publishing: Q1 2019 – Q2 2020

### Publishing



Publishing under Information and Communication sector contracted by -18.35% in Q2 2020 from 0.10% in Q1 2020 and 4.60% in Q2 2019

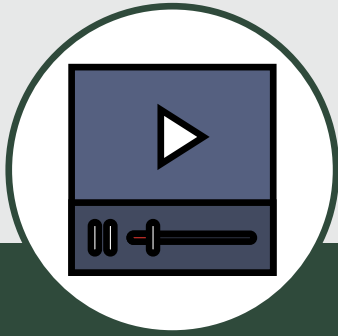




## GDP REPORT Q2 2020

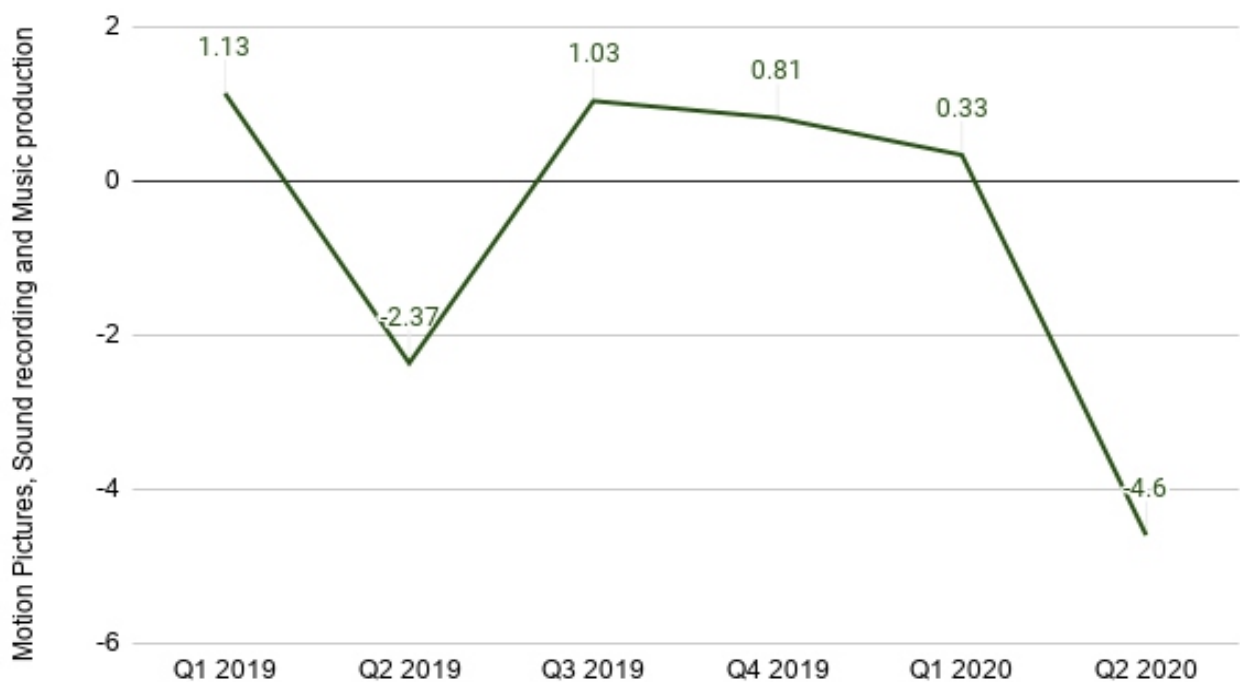
### Motion Pictures, Sound Recording and Music Production: Q1 2019 - Q2 2020

#### Motion Pictures, Sound recording and Music production



Motion Pictures, Sound recording and Music production under Information and Communication sector contracted by -4.60% in Q2 2020 from 0.33% in Q1 2020 and -2.37% in Q2 2019

Motion Pictures, Sound recording and Music production



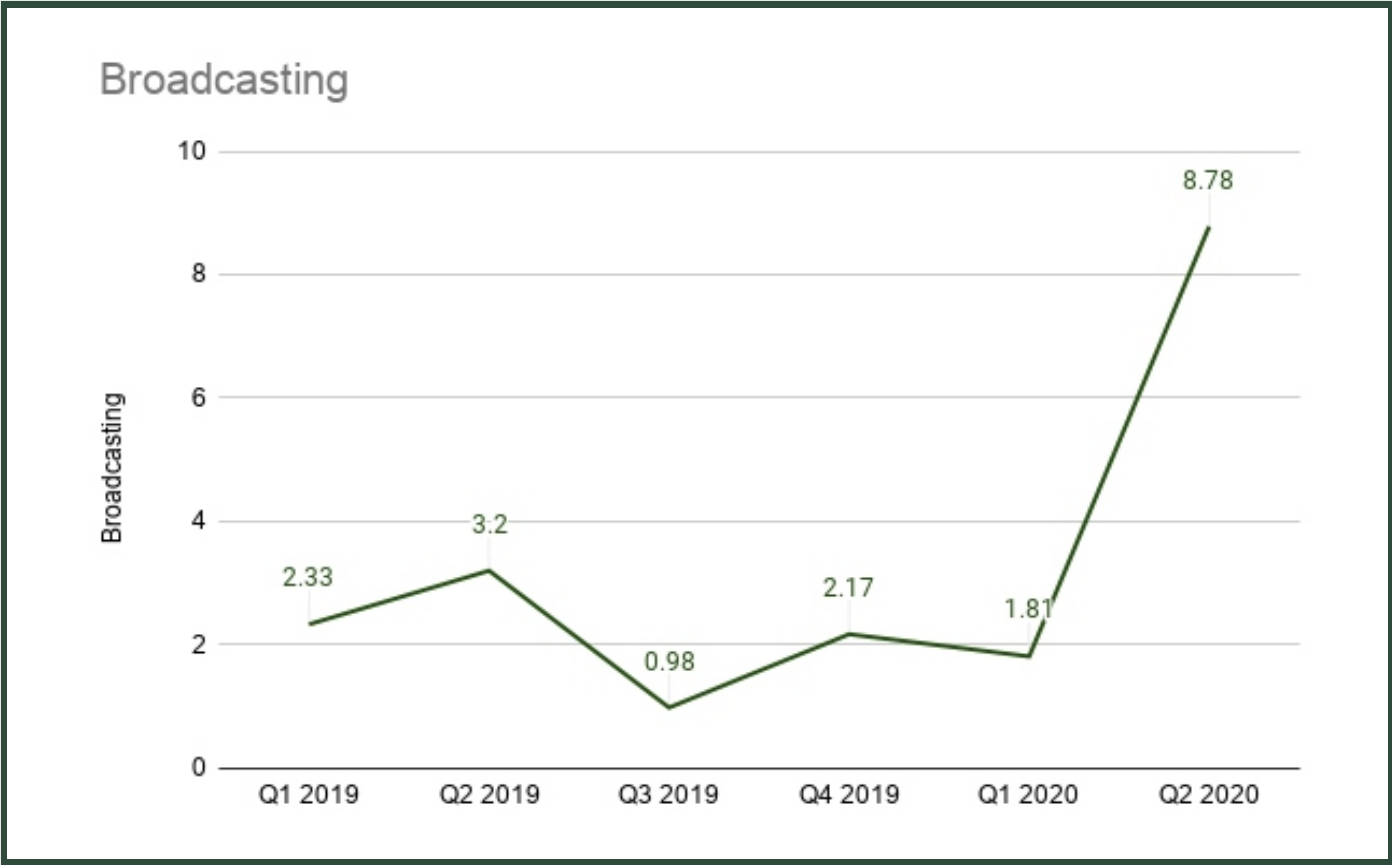
# GDP REPORT Q2 2020

## Broadcasting: Q1 2019 - Q2 2020

### Broadcasting



Broadcasting under Information and Communication sector grew by 8.78% in Q2 2020 from 1.81% in Q1 2020 and 3.20% in Q2 2019



## 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 -41.63% in nominal terms in the second quarter of 2020 (year on year). This rate was lower relative to the 25.56% recorded for the corresponding quarter of 2019 and the 20.44% in the previous quarter. All six activities under Transport and Storage industry recorded negative growth rates in Q2 2020, reflecting the significant impact of restricted movements as a result of COVID-19 during the quarter. Quarter on Quarter growth stood at -59.70%. Transport activities contributed 1.13% to nominal GDP in Q2 2020, a decline from the 1.88% recorded in the corresponding period of 2019, and lower than 2.68% recorded in first quarter of 2020.

In real terms, the Transportation and Storage sector contracted by -49.23% in Q2 2020. This rate represented a decrease of -57.25% points relative to the same quarter of the previous year and -52.05% points relative to the preceding quarter. Quarter on Quarter, growth was -60.02%. The contribution of the sector to real GDP in Q2 2020 totaled 0.75%, a fall from 1.38% recorded a year earlier and the 1.77% recorded in the first quarter of 2020.

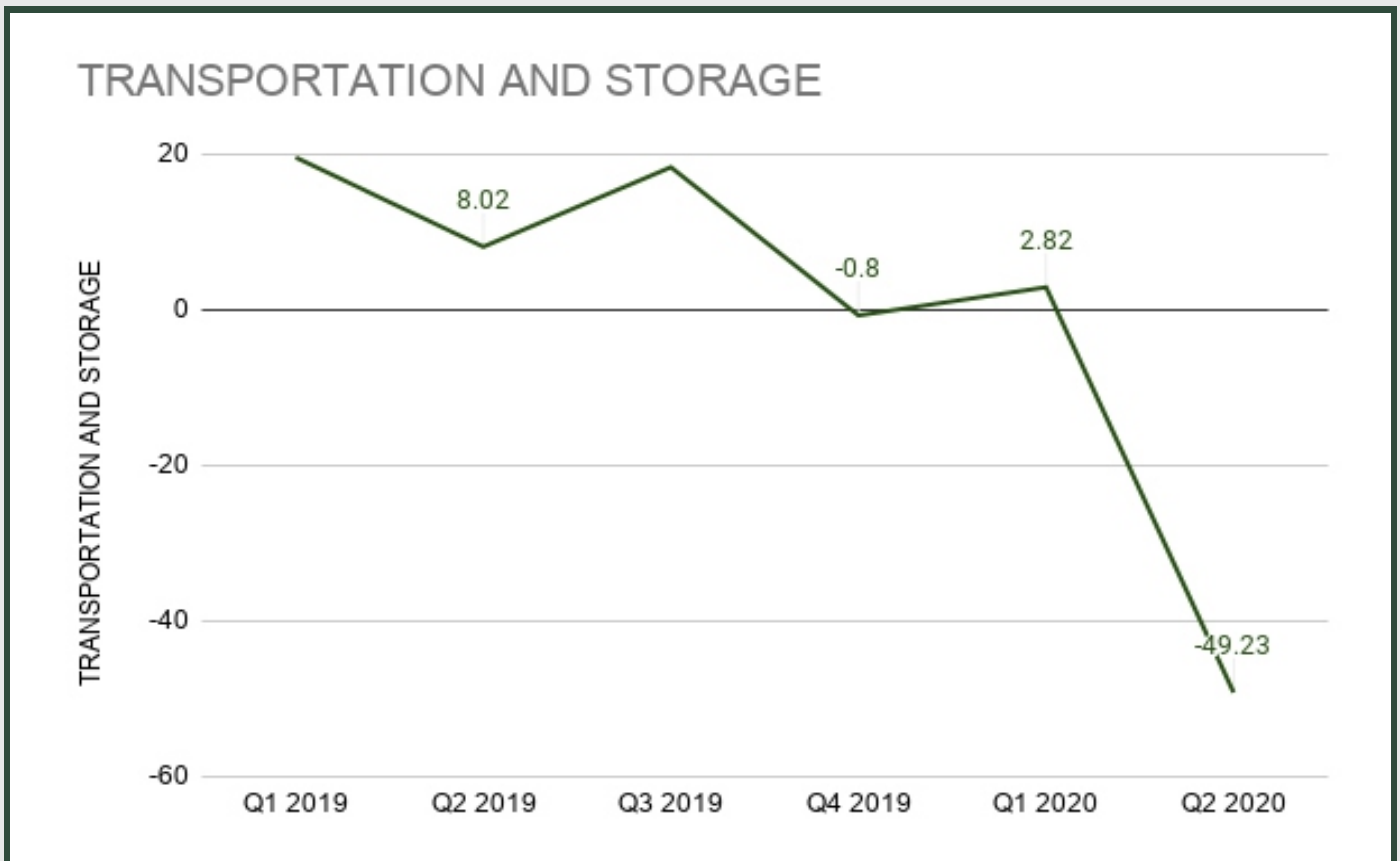
# GDP REPORT Q2 2020

## Transportation and Storage: Q1 2019 – Q2 2020

### Transportation and Storage sector



Transportation and Storage sector contracted by -49.23% in Q2 2020 from 2.82% in Q1 2020 and 8.02% in Q2 2019



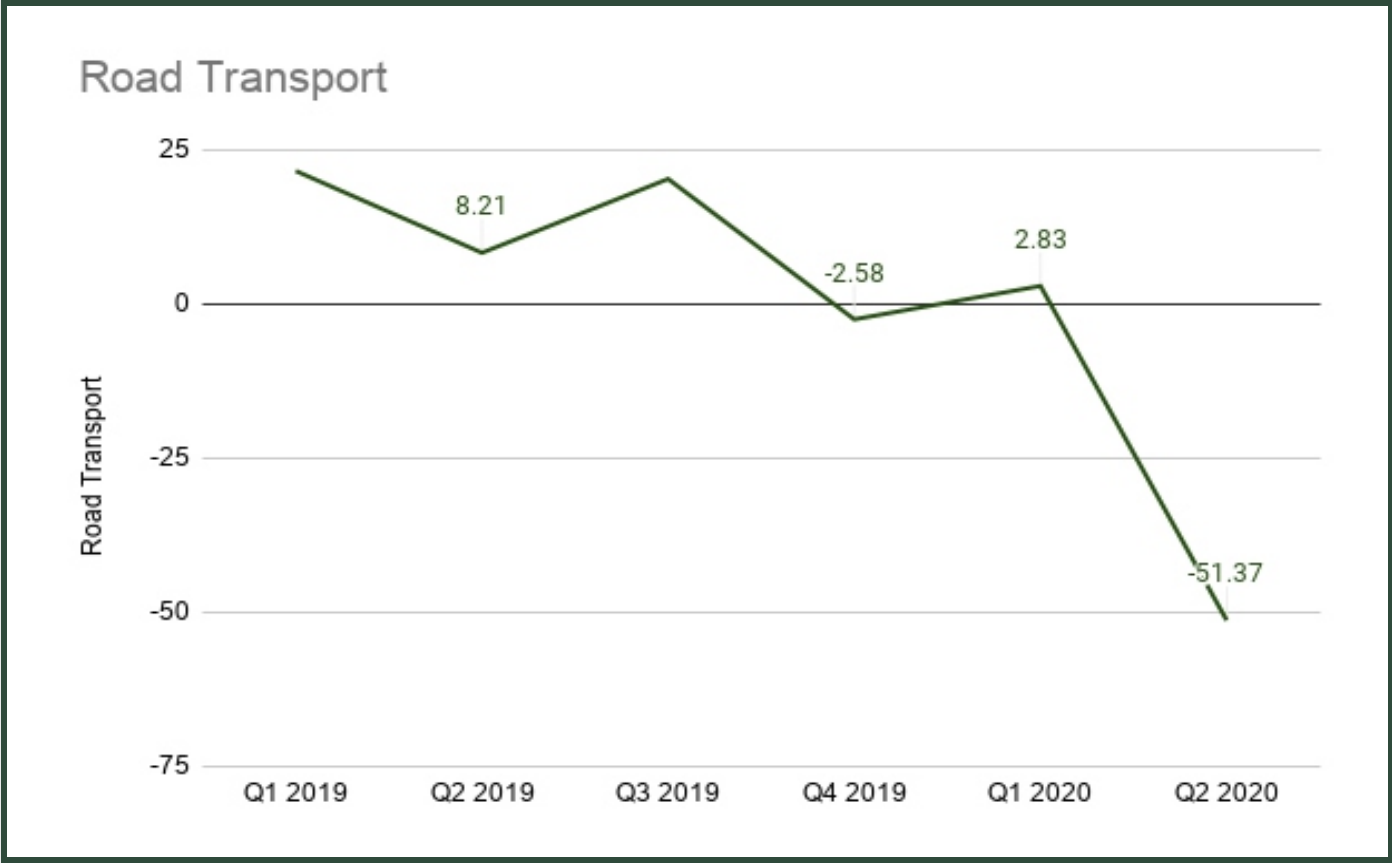
# GDP REPORT Q2 2020

## Road Transport: Q1 2019 – Q2 2020

### Road Transport



Road Transport under Transportation and Storage sector contracted by -51.37% in Q2 2020 from 2.83% in Q1 2020 and 8.21% in Q2 2019



# GDP REPORT Q2 2020

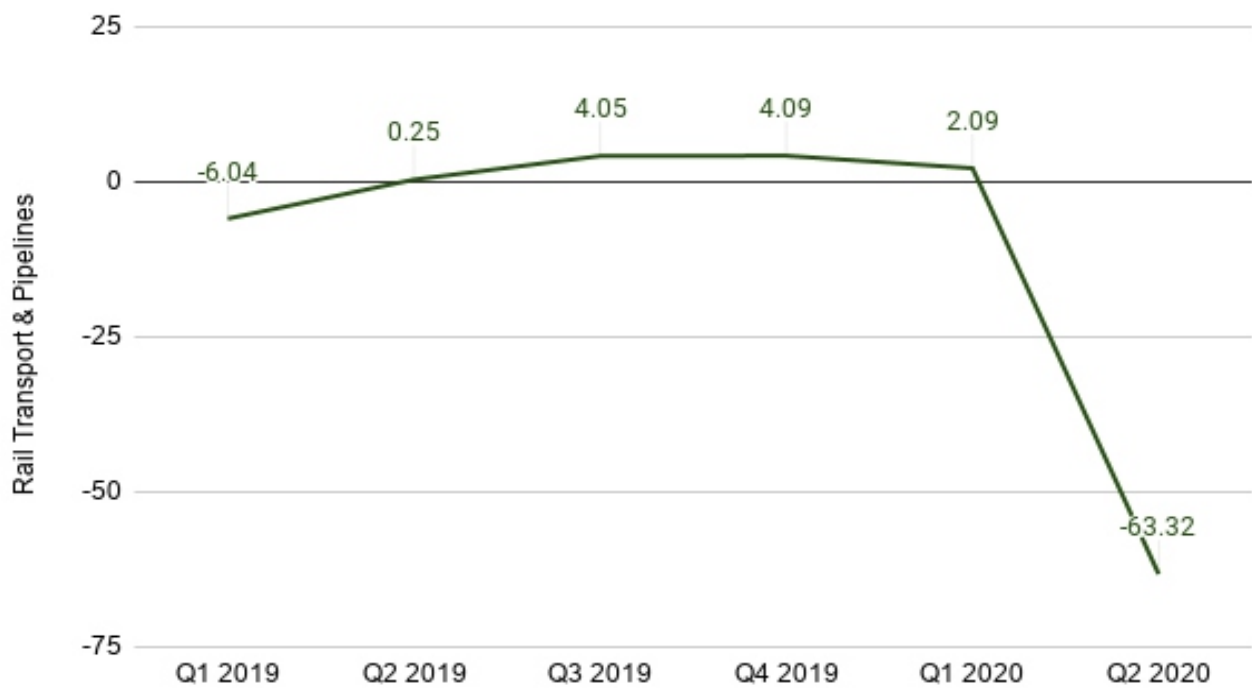
## Rail Transport & Pipelines: Q1 2019 – Q2 2020

### Rail Transport & Pipelines



Rail Transport and Pipelines under Transportation and Storage sector contracted by -63.32% in Q2 2020 from 2.09% in Q1 2020 and 0.25% in Q2 2019

Rail Transport & Pipelines



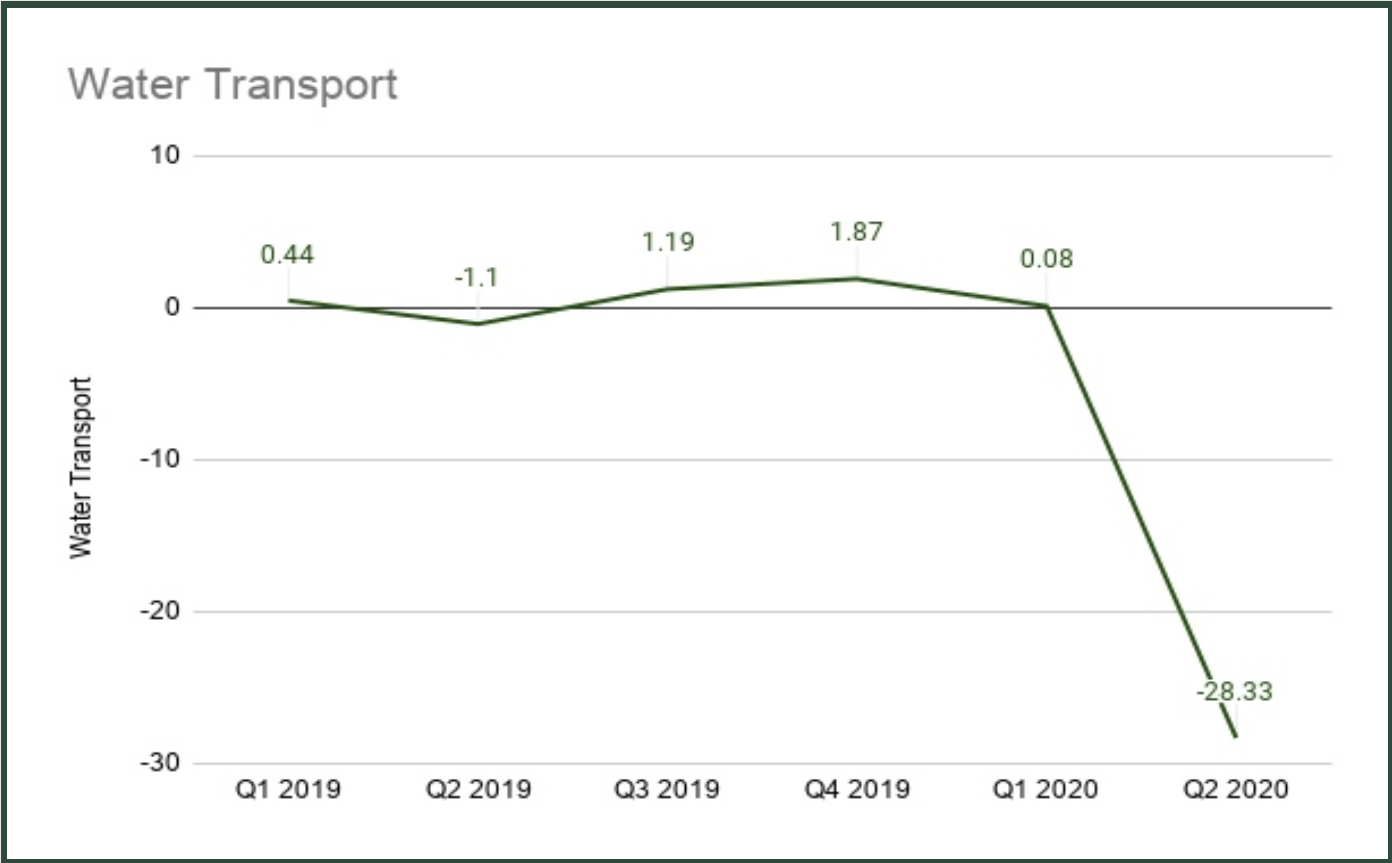
# GDP REPORT Q2 2020

## Water Transport: Q1 2019 – Q2 2020

### Water Transport



Water Transport under Transportation and Storage sector contracted by -28.33% in Q2 2020 from 0.08% in Q1 2020 and -1.10% in Q2 2019



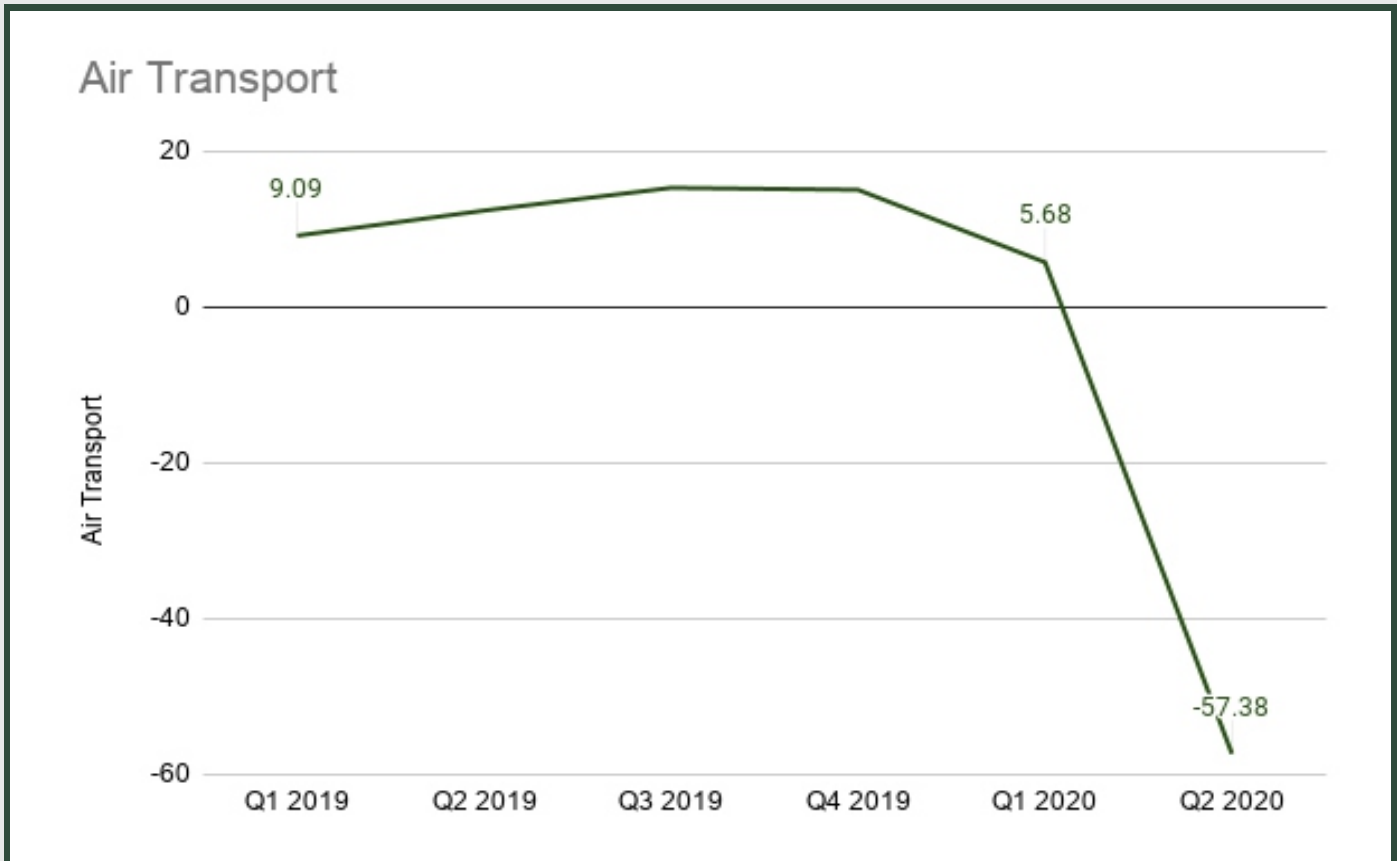
# GDP REPORT Q2 2020

## Air Transport: Q1 2019 – Q2 2020

### Air Transport



Air Transport under Transportation and Storage sector contracted by -57.38% in Q2 2020 from 5.68% in Q1 2020 and 12.31% in Q2 2019





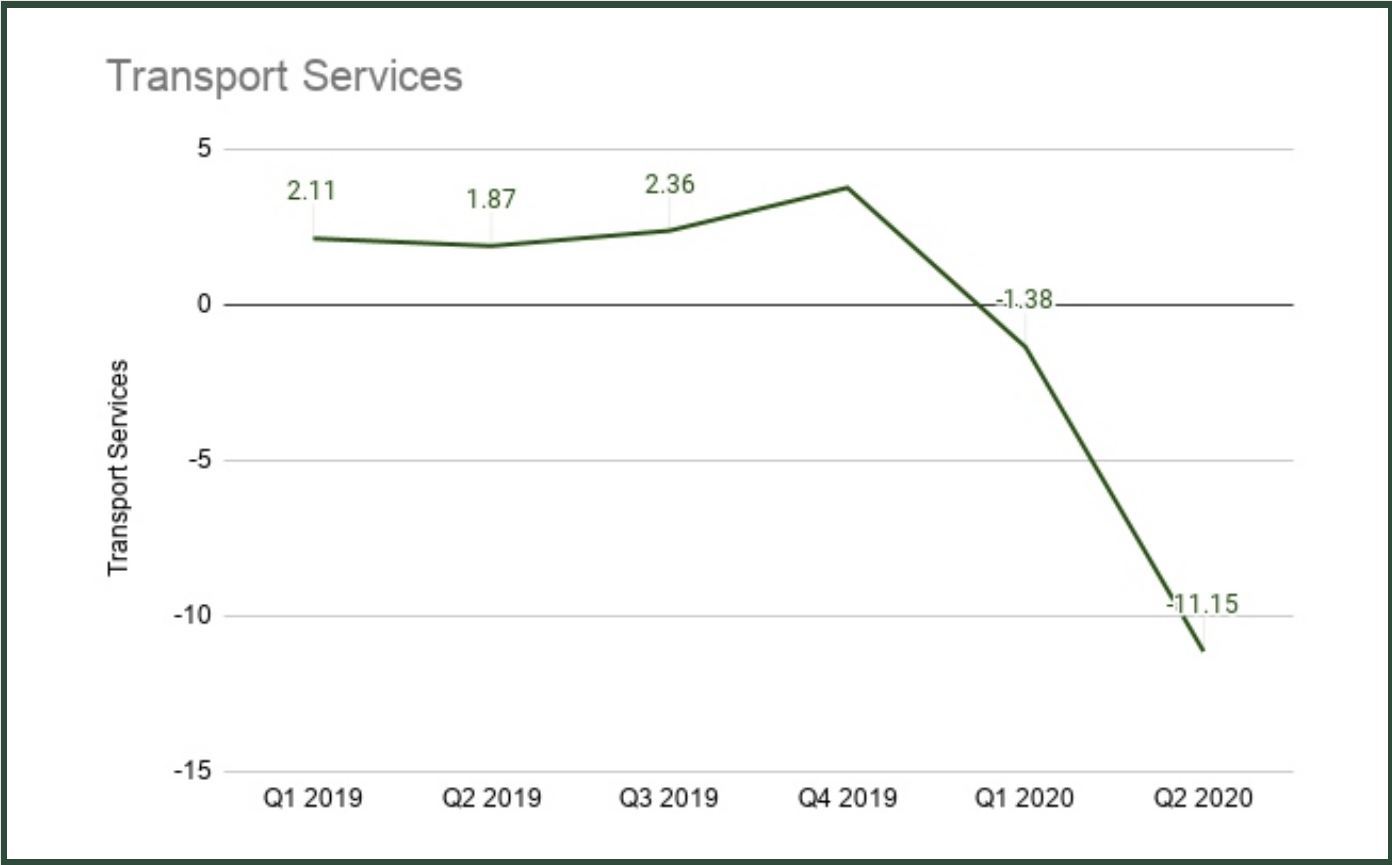
# GDP REPORT Q2 2020

## Transport Services: Q1 2019 – Q2 2020

### Transport Services



Transport Services under Transportation and Storage sector contracted by -11.15% in Q2 2020 from -1.38% in Q1 2020 and 1.87% in Q2 2019



# GDP REPORT Q2 2020

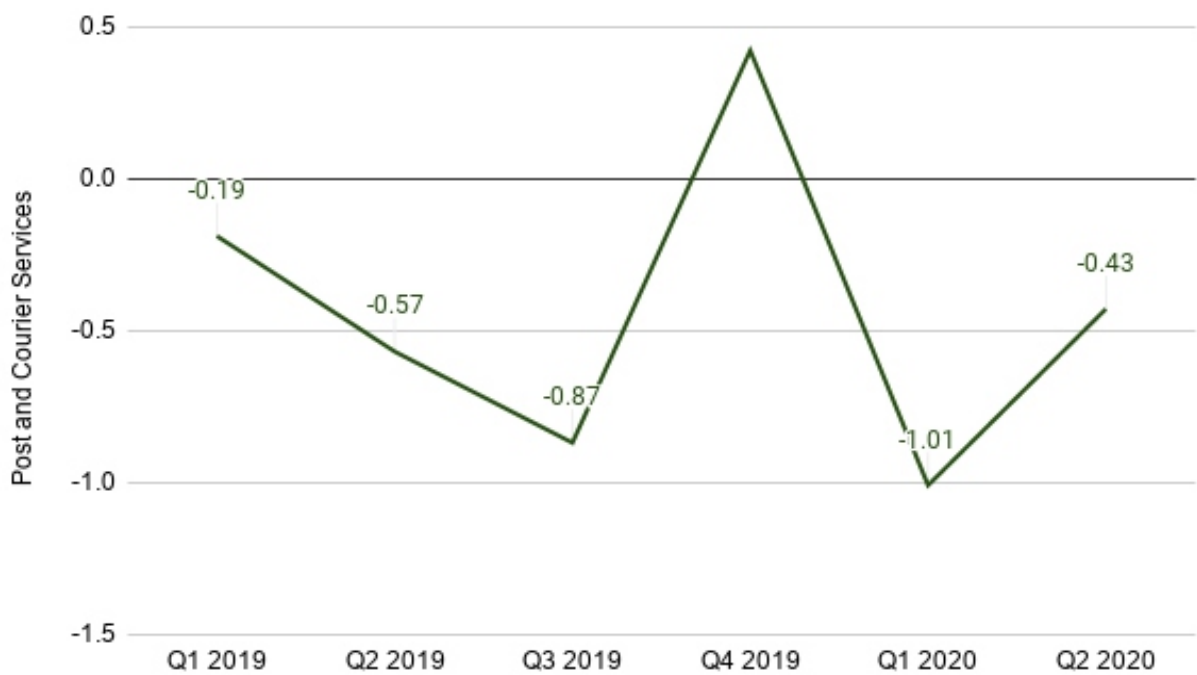
## Post and Courier Services: Q1 2019 – Q2 2020

### Post and Courier Services



Post and Courier Services under Transportation and Storage sector contracted by -0.43% in Q2 2020 from -1.01% in Q1 2020 and -0.57% in Q2 2019

Post and Courier Services



## Arts, Entertainment and Recreation

In Nominal terms, the growth of Arts, Entertainment and Recreation sector was -19.10% during second quarter 2020 (year-on-year), representing a decrease of -21.30% points relative to the preceding quarter's growth rate of 2.20%, and a decrease of -34.09% points compared with the previous year's growth rate of 14.99%. On a quarterly basis, growth was recorded at -31.18%, lower than quarter-on-quarter growth of Q2 2019 recorded at -13.05%. The activity contributed 0.18% to total nominal GDP in second quarter 2020. This contribution was lower than the 0.22% it contributed in Q2 2019 and lower than 0.25% it contributed in Q1 of 2020.

In real terms, the activity decreased by -8.93% year on year which was less than the rate recorded in Q2 2019 by -9.74% points, and less by -10.46% points when compared with that of the preceding quarter. Quarter on Quarter, growth stood at -31.29% in real terms, lower than quarter-on-quarter growth recorded in Q2 2019. at -23.39%. Overall, Art, Entertainment and Recreation contributed 0.22% to real GDP in Q2 2020, slightly lower than the 0.23% recorded one year previous and lower than 0.31% recorded in the first quarter of 2020.

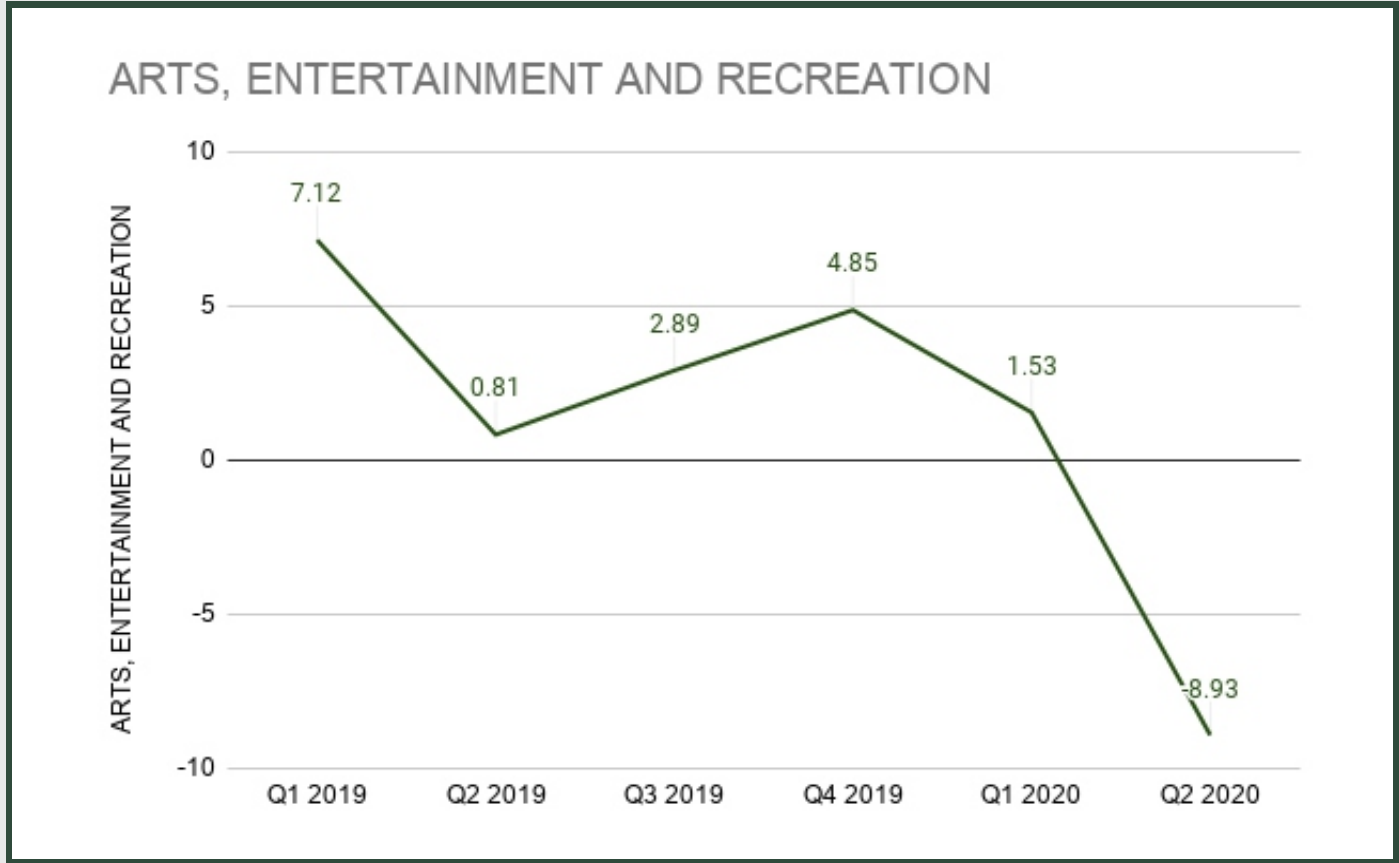
# GDP REPORT Q2 2020

## Arts, Entertainment and Recreation: Q1 2019 – Q2 2020

### Arts, Entertainment and Recreation



Arts, Entertainment and Recreation sector contracted by -8.93% in Q2 2020 from 1.53% in Q1 2020 and 0.81% in Q2 2019



## Real Estate Services

In nominal terms, Real Estate Services in the second quarter of 2020 declined by -17.18%, or -19.27% points lower than the growth rate reported for the same period in 2019 and lower by -18.31% points compared to the preceding Quarter. Quarter-on-Quarter, the sector growth rate was -1.24%. The contribution to nominal GDP in Q2 2020 stood at 5.23% as against 6.35% recorded in Q2 2019 but same as the value in Q1 2020.

Real GDP growth recorded in the sector in the second quarter of 2020 stood at -21.99%, lower than the growth recorded in Q2 2019 by -18.15% points, and -17.24% points relative to Q1 2020. Quarter-on-quarter, the sector declined by -2.71% in the second quarter of 2020. It contributed 5.30% to real GDP in Q2 2020, lower than the 6.43% it recorded in the corresponding quarter of 2019.

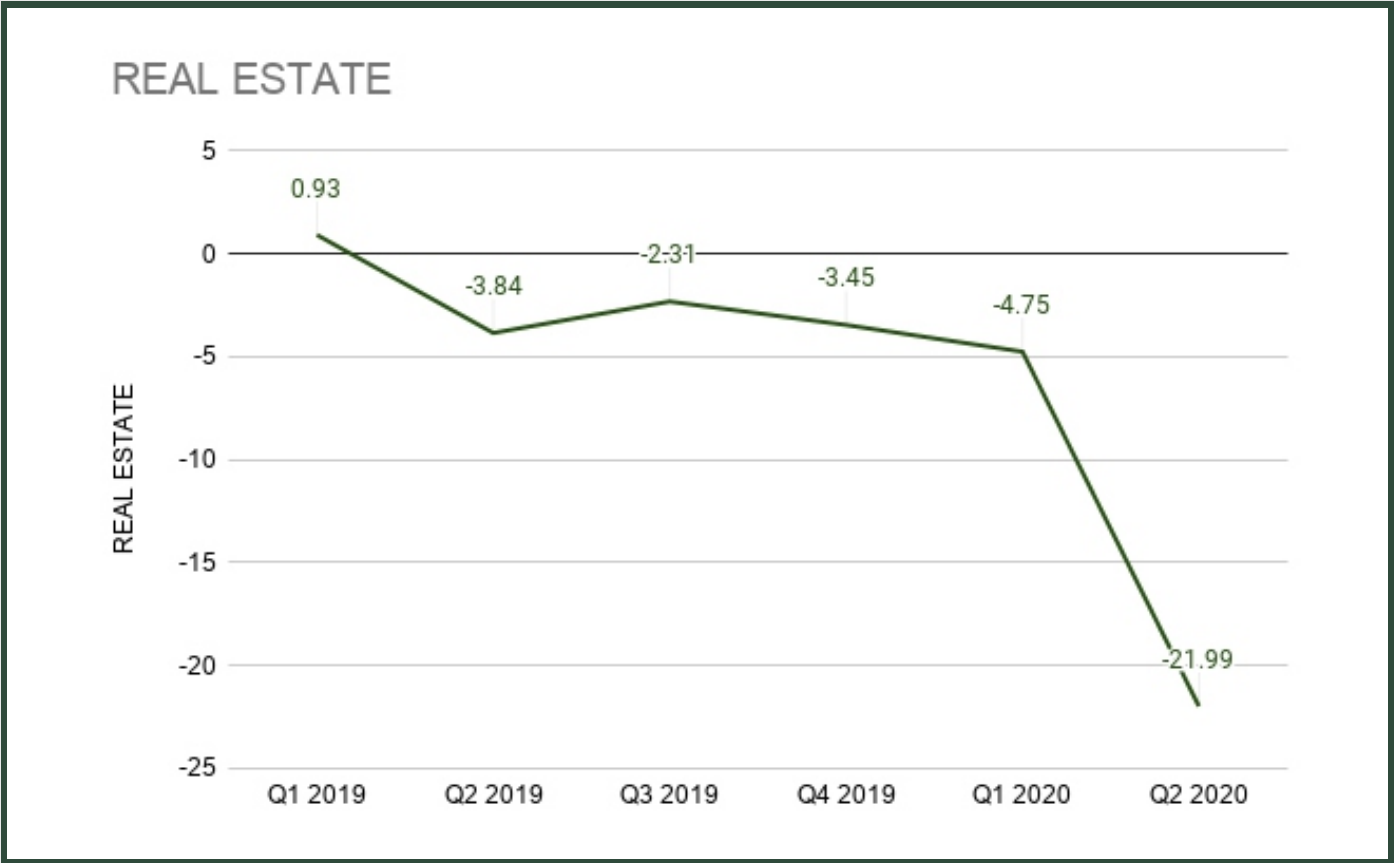
# GDP REPORT Q2 2020

## Real Estate: Q1 2019 - Q2 2020

### Real Estate



Real Estate sector contracted by -21.99% in Q2 2020 from -4.75% in Q1 2020 and -3.84% in Q2 2019



## Finance and Insurance

The Finance and Insurance Sector consists of the two subsectors, Financial Institutions and Insurance, which accounted for 89.82% and 10.18% of the sector respectively in real terms in Q2 2020.

As a whole the sector grew at 20.82% in nominal terms (year on year), with the growth rate of Financial Institutions as 30.94% but -28.15% growth rate recorded for Insurance. The overall rate was higher than that in Q2 2019 by 19.85% points, and lower by -3.14% points than the preceding quarter. Quarter on Quarter growth was 0.49%. The sector's contribution to aggregate nominal GDP was 3.76% in Q2 2020, higher than the 3.03% it represented a year earlier, and higher than the contribution of 3.57 % it made in the preceding quarter.

Growth in this sector in real terms totaled 18.49%, higher by 20.73% points from the rate recorded in 2019 second quarter, but down by -2.30% points from the rate recorded in the preceding quarter. Quarter on Quarter growth in real terms stood at -0.16%. The contribution of Finance and Insurance to real GDP totaled 4.00%, higher than the contribution of 3.17% recorded in the second quarter of 2019 by 0.83% points, and higher than 3.81% recorded in Q1 2020 by 0.20% points.

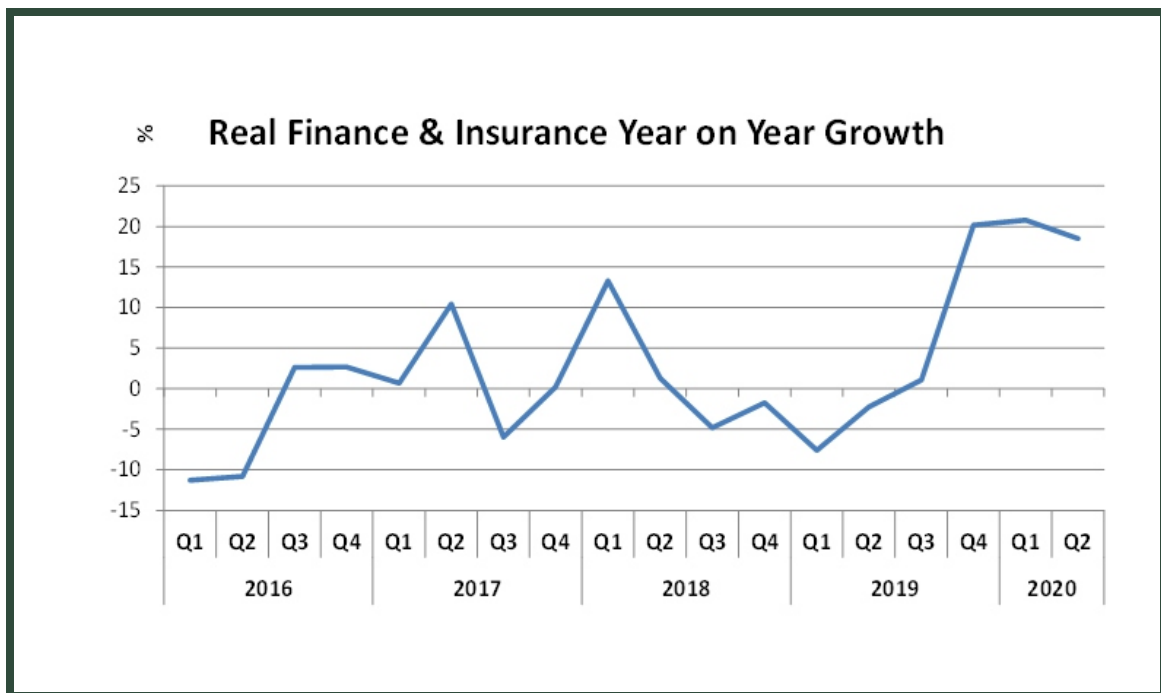


Figure 11: Finance and Insurance real growth

# GDP REPORT Q2 2020

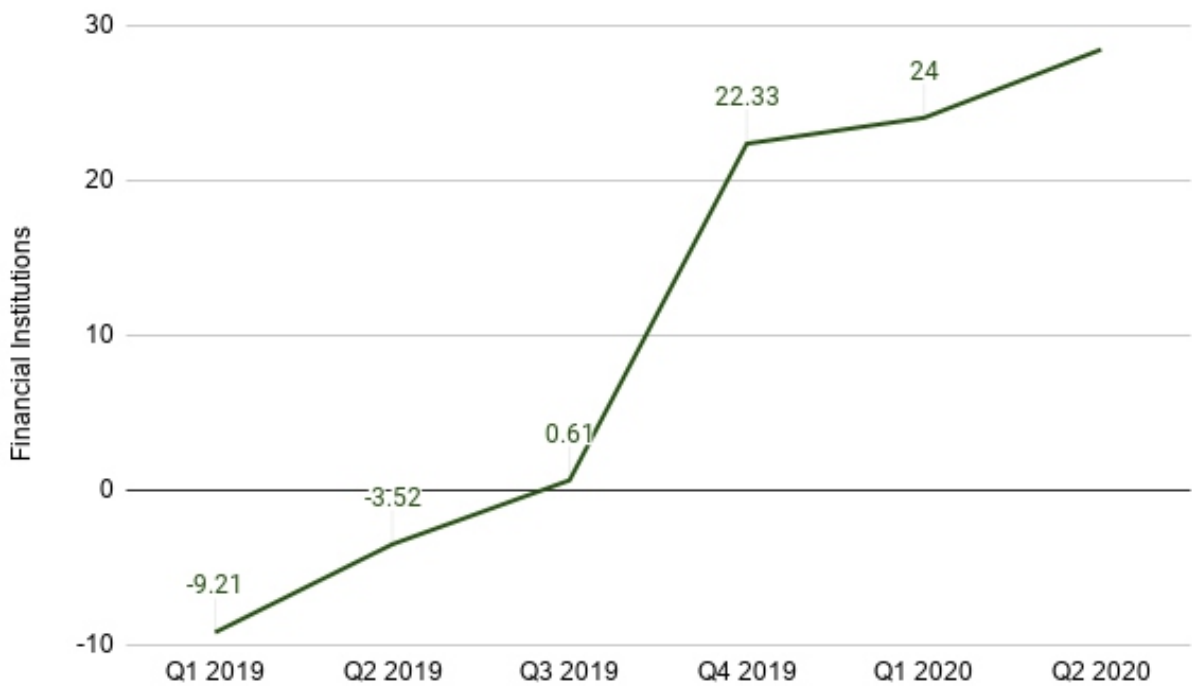
## Financial Institutions: Q1 2019 - Q2 2020

### Financial Institutions



Financial Institutions under Financial and Insurance sector grew by 28.41% in Q2 2020 from 24.00% in Q1 2020 and -3.52% in Q2 2019

Financial Institutions





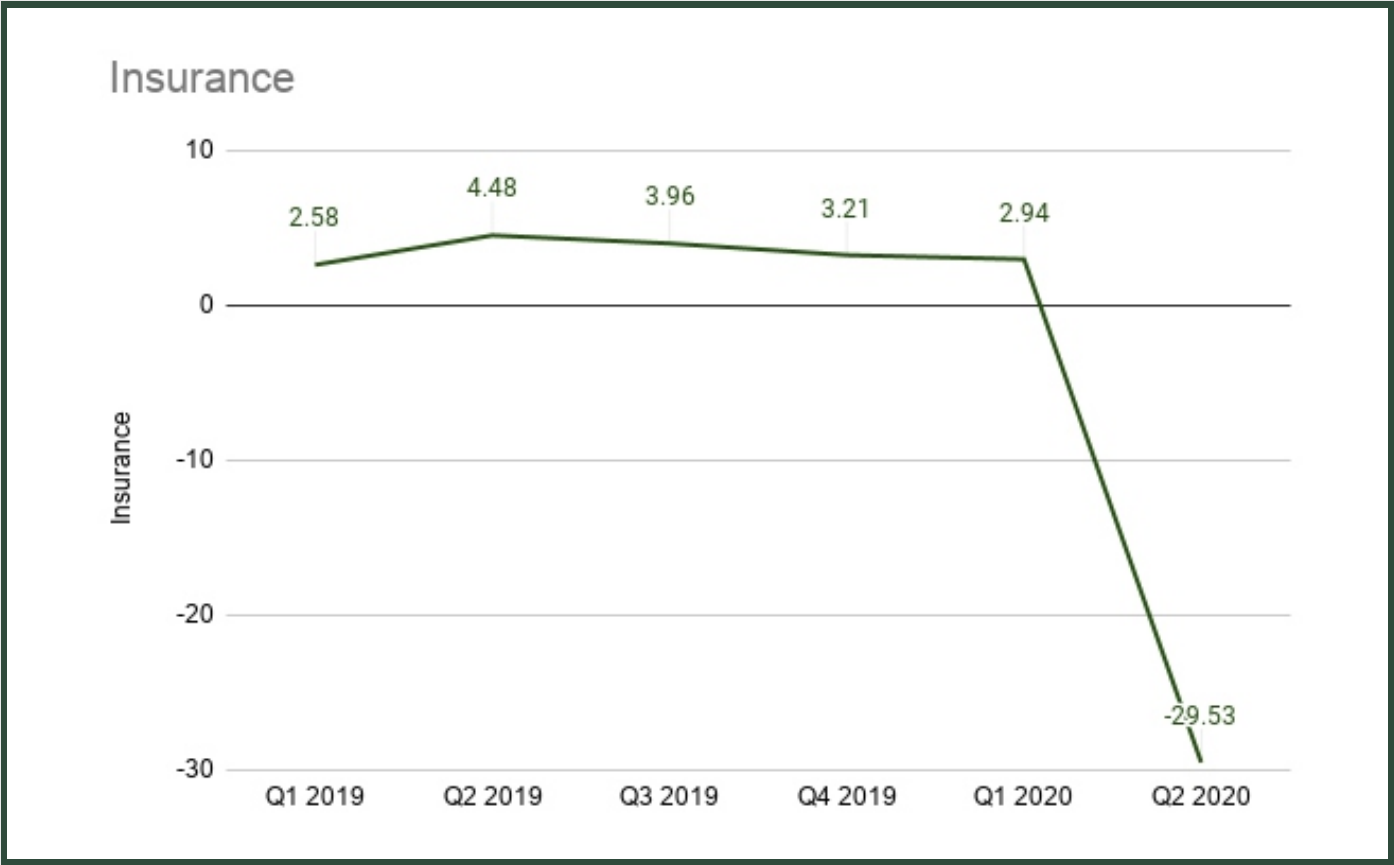
# GDP REPORT Q2 2020

## Insurance: Q1 2019 – Q2 2020

### Insurance



Insurance under Financial and Insurance sector contracted by -29.53% in Q2 2020 from 2.94% Q1 2020 and 4.48% in Q2 2019



# GDP REPORT Q2 2020

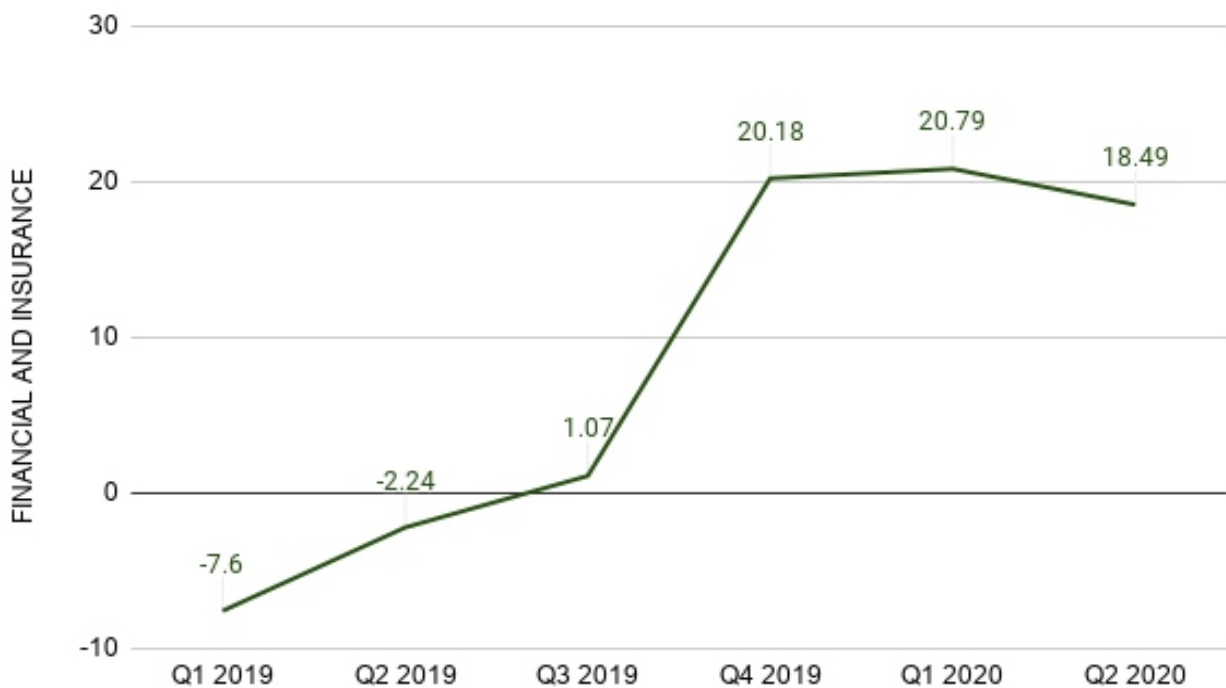
## Financial and Insurance: Q1 2019 – Q2 2020

### Financial and Insurance



Financial and Insurance sector grew by 18.49% in Q2 2020 from 20.79% in Q1 2020 and -2.24% in Q2 2019

### FINANCIAL AND INSURANCE



## Administrative and Support Services

In nominal terms, the Administrative and Support Services sector declined by -0.47% (year on year) in Q2 2020, lower by -5.85% points compared to second quarter 2019, and -1.14% points compared to the preceding quarter. Quarter on Quarter, growth rate in the sector was 1.25% in Q2 2020. The contribution of Administrative and Support Services to nominal GDP was 0.02% in Q2 2020, same as recorded in Q2 2019 and in the preceding quarter.

In real terms, the sector recorded a growth rate of -2.39% (year-on-year), a decrease of -4.42% points from the corresponding quarter of 2019 and further decrease of -0.49% point from the rate recorded in Q1 2020. Quarter-on-Quarter, the sector grew by 0.60% in Q2 2020. The sector's contribution to real GDP was 0.02% in 2020 second quarter, unchanged from the corresponding quarter in 2019 and 2020 first quarter.

# GDP REPORT Q2 2020

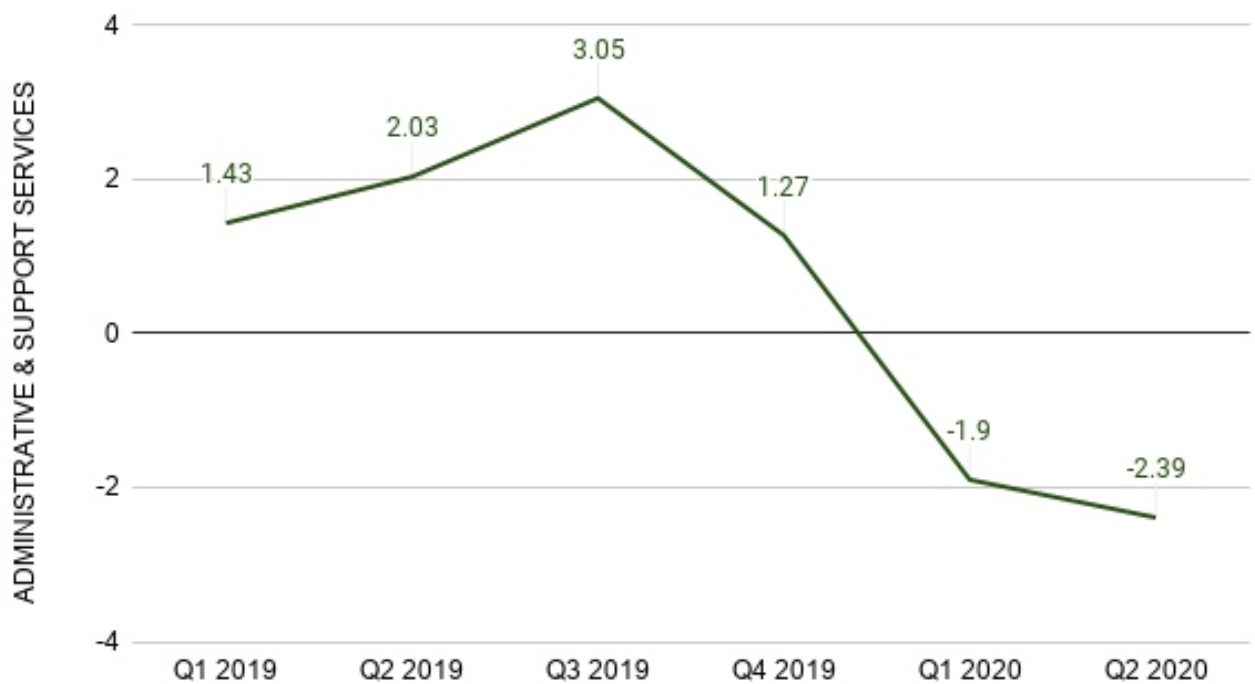
## Administrative & Support Services: Q1 2019 – Q2 2020

### Administrative & Support Services



Administrative & Support Services sector contracted by -2.39% in Q2 2020 from -1.9% in Q1 2020 and 2.03% in Q2 2019

#### ADMINISTRATIVE & SUPPORT SERVICES



## Professional, Scientific and Technical Services

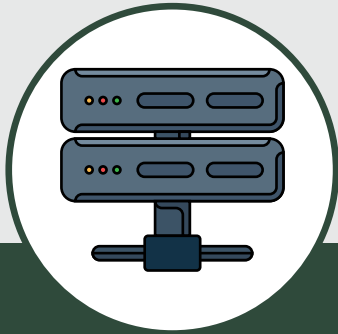
In second quarter 2020, Professional, Scientific and Technical Services recorded a nominal growth of -13.75% (year-on-year), which is -18.28% points lower than Q2 2019, and -15.98% points lower than the rate recorded in Q1 2020. Quarter-on-Quarter, the sector grew by -10.42%. The Contribution of Professional, Scientific and Technical Services to nominal GDP was 3.01% in Q2 2020 down from the 3.39% contribution in Q2 2019 and down from the 3.21% recorded in Q1 2020.

Real growth in the sector was recorded at -15.41% in Q2 2020, a decrease of -16.62% points relative to the rate recorded in the corresponding period of 2019, and -15.03% points lower than that of Q1 2020. On a quarter-on-quarter basis, the sector grew by -10.99% in Q2 2020. Professional, Scientific and Technical Services contributed 3.20% to aggregate GDP in Q2 2020, lower than the 3.56% it contributed in Q2 2019 and lower than 3.42% in Q1 2020.

# GDP REPORT Q2 2020

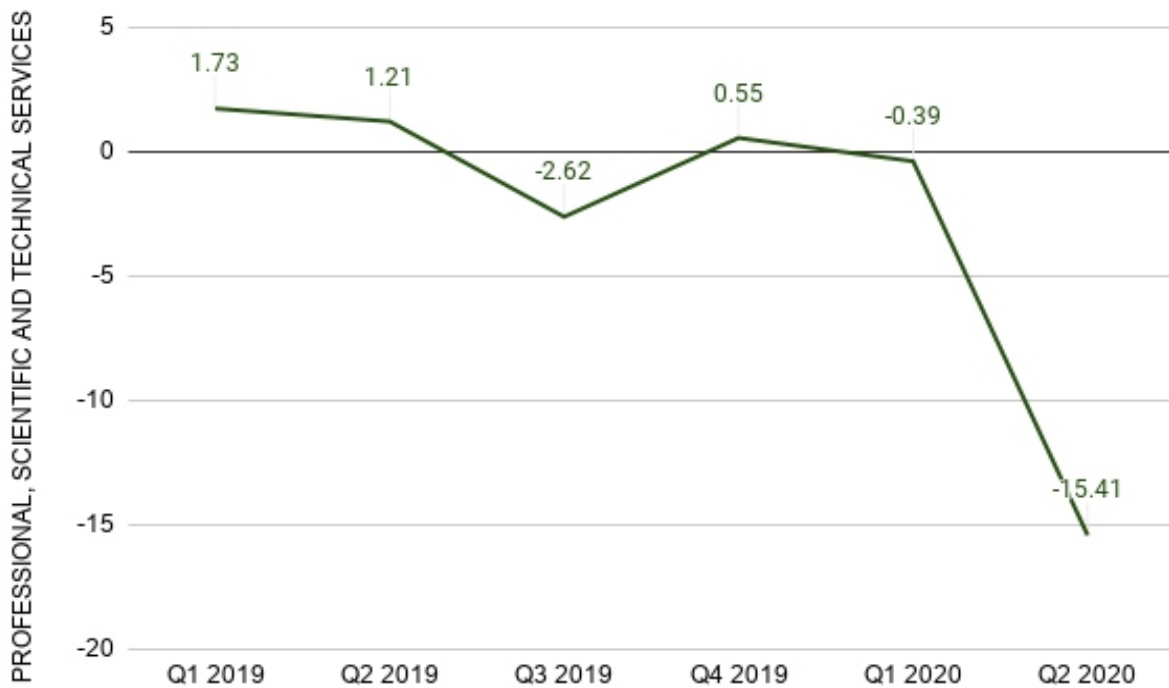
## Professional, Scientific and Technical Services: Q1 2019 – Q2 2020

### Professional, Scientific and Technical Services



Professional, Scientific and Technical Services sector contracted by -15.41% in Q2 2020 from -0.39% in Q1 2020 and 1.21% in Q2 2019

PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES



## Education

Nominal growth In the Education sector in the second quarter of 2020 was -22.09% (year-on-year), down by -33.18% points from the corresponding quarter of 2019, and by -29.12% points when compared to Q1 2020. The contribution of Education to nominal GDP in Q2 2020 was 1.37%, down from 1.71% estimated in Q2 2019 and 1.97% in Q1 2020.

Real growth in Education year-on-year stood at -24.12% in Q2 2020, a decrease of -25.09% points from the corresponding quarter of 2019 which was estimated at 0.96%. When compared with the previous quarter's rate of 0.69%, the sector growth decreased by -24.81% points. The Sector contributed 1.43% to total real GDP in Q2 2020 which was lower than 1.77% reported for the corresponding quarter in 2019.

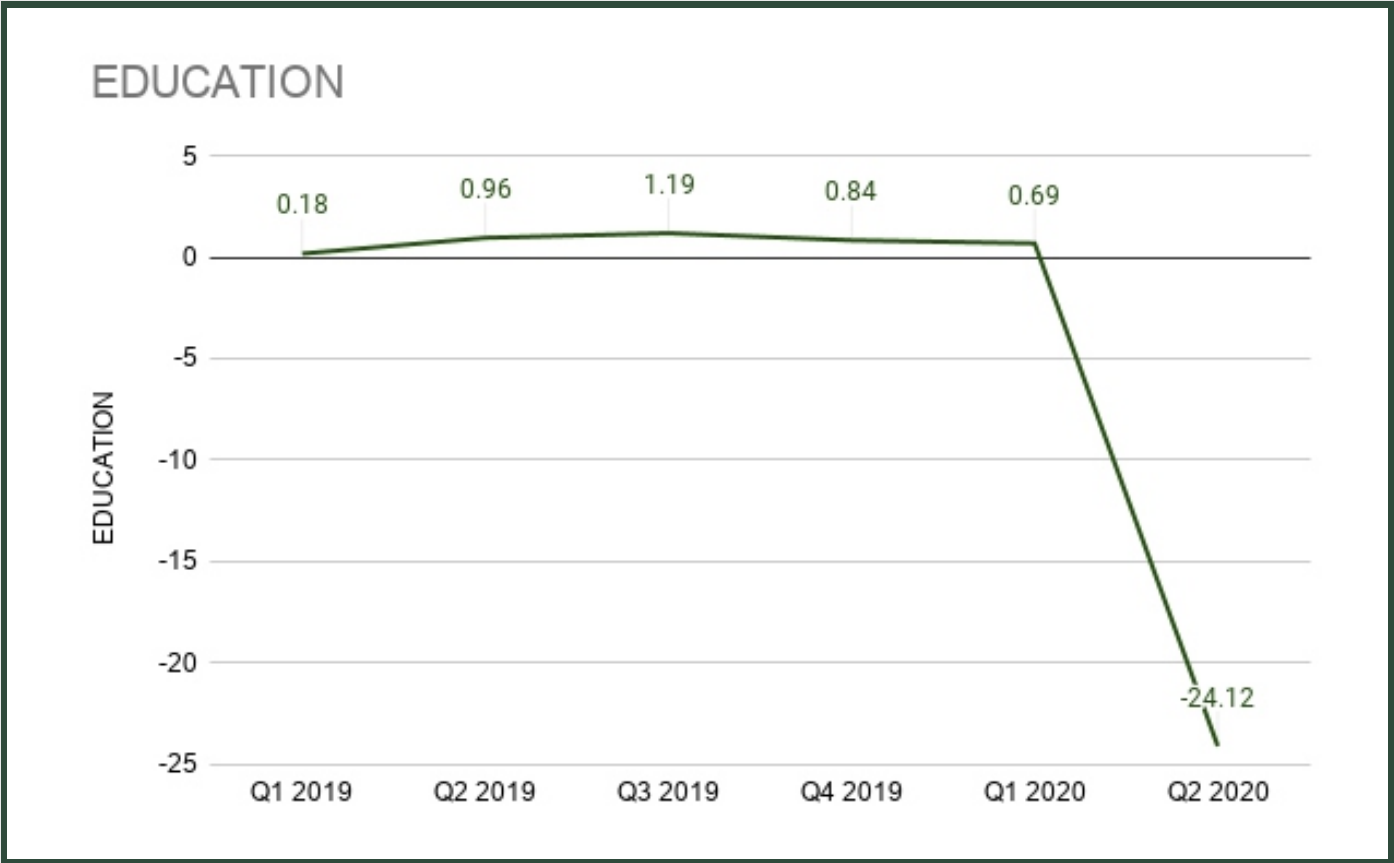
# GDP REPORT Q2 2020

## Education: Q1 2019 – Q2 2020

### Education



Education sector contracted by -24.12% in Q2 2020 from 0.69% in Q1 2020 and 0.96% in Q2 2019





## Public Administration

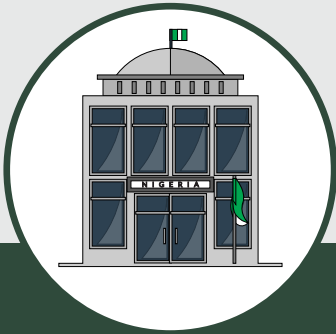
In nominal terms, the Public Administration sector grew by 4.02% in Q2 2020, higher by 4.24% points from the corresponding quarter of 2019, and 10.35% points relative to Q1 2020. Quarter-on-Quarter, the sector grew by 34.28%. The contribution of Public Administration to Nominal GDP stood at 2.21% in Q2 2020, higher than the 2.07% recorded in Q2 2019 by 0.07% points and further higher than the 1.57% recorded in Q1 2020 by 0.57% points.

In real terms, the sector recorded a growth rate of 2.02% (year on year) in Q2 2020, or 5.41% points and 10.74% points higher than the Q2 2019 rate and the Q1 2020 rate respectively. On Quarter on Quarter, the sector grew by 33.41% in Q2 2020. The contribution of Public Administration to Real GDP stood at 2.36% in Q2 2020, higher compared to 2.17% in Q2 2019 and 1.68% in Q1 2020.

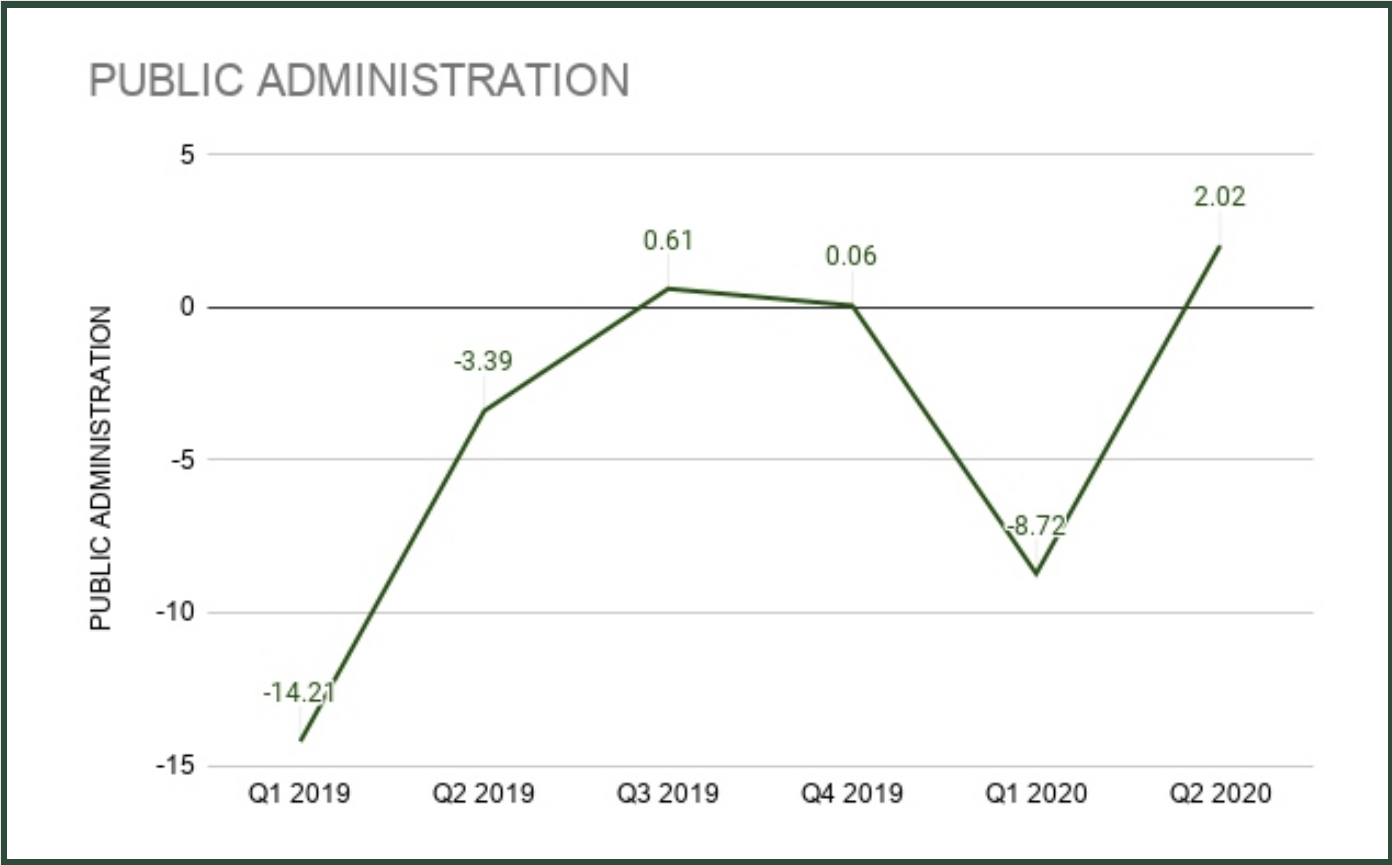
# GDP REPORT Q2 2020

## Public Administration: Q1 2019 – Q2 2020

### Public Administration



Public Administration sector grew by 2.02% in Q2 2020 from -8.72% in Q1 2020 and -3.39% in Q2 2019



## Human Health and Social Services

The year on year growth rate for Human Health and Social Services in nominal terms was -0.07%, a decrease of -15.73% points relative to the growth rate of 15.67% reported in the same quarter of 2019. Quarter on Quarter growth was 9.22%. The contribution to nominal GDP was 0.70% in Q2 2020, up from the 0.68% recorded in Q2 2019 and the 0.61% recorded in Q1 2020.

Real GDP growth of Human Health and Social Services for Q2 2020 stood at 1.89% (year-on-year) compared to 1.13% for the corresponding period of 2019, indicating a rise of 0.77% points. Quarter-on-Quarter, this sector grew by 7.66%. The contribution of Human Health and Social Services to real GDP was 0.77% in Q2 2020, higher than the figure recorded in Q2 2019 and up from the 0.68% recorded for the preceding quarter.

# GDP REPORT Q2 2020

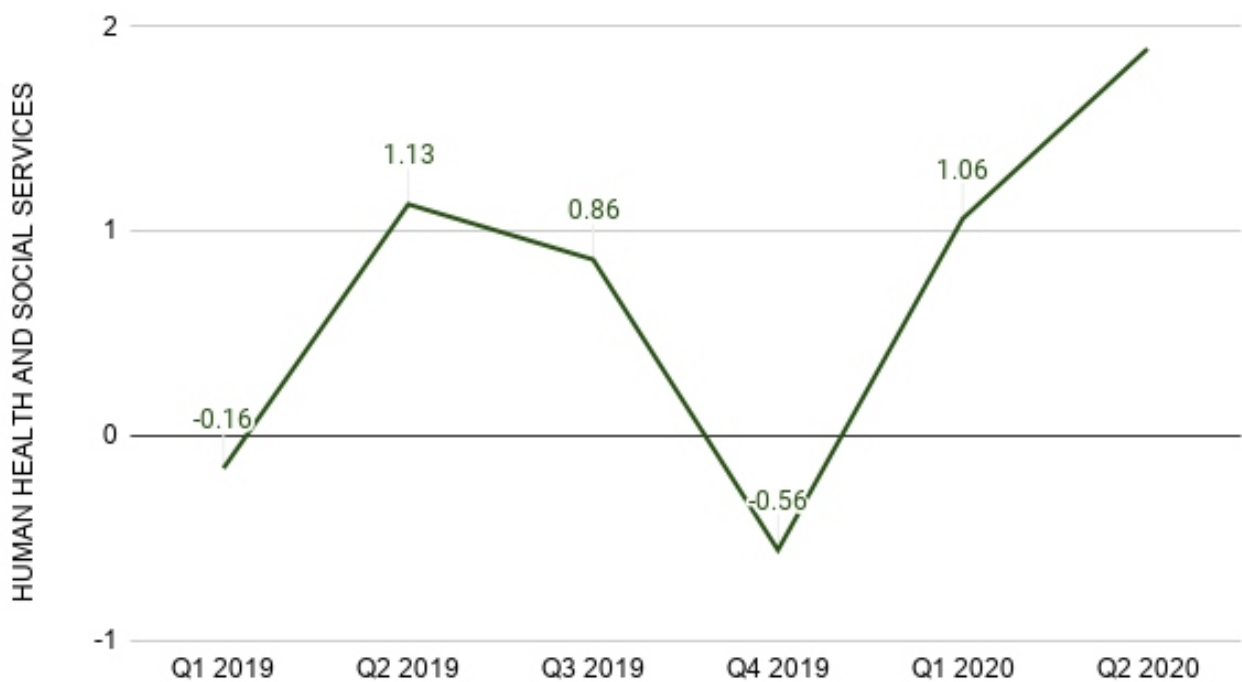
## Human Health and Social Services: Q1 2019 – Q2 2020

### Human Health and Social Services



Human Health and Social Services sector grew by 1.89% in Q2 2020 from 1.06% in Q1 2020 and 1.13% in Q2 2019

HUMAN HEALTH AND SOCIAL SERVICES



## Other Services

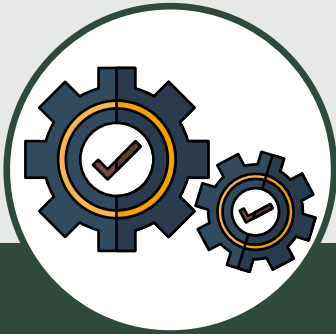
In nominal terms, Other Services declined by -13.40% (year-on-year) in Q2 2020. This growth rate is lower than the 5.92% growth rate recorded in the same quarter of the previous year and 3.71% in Q1 2020 by -19.32% points and -17.11% points respectively. Quarter on Quarter growth was -34.51%. This sector contributed 2.70% to the aggregate nominal GDP in Q2 2020, lower than the 3.03% it contributed in the same period of the previous year and lower than 3.93% it contributed in the preceding quarter.

Other Services' real GDP also fell by -15.07% (year-on-year) in Q2 2020. This was -17.62% points lower than the growth recorded in the same period of the previous year, and -16.13% points from Q1 2020. Quarter on Quarter growth was -34.94%. The sector contributed 2.87% to real GDP in Q2 2020 as against the 3.18% reported for the corresponding quarter of 2019 and the 4.19% recorded in Q1 2020.

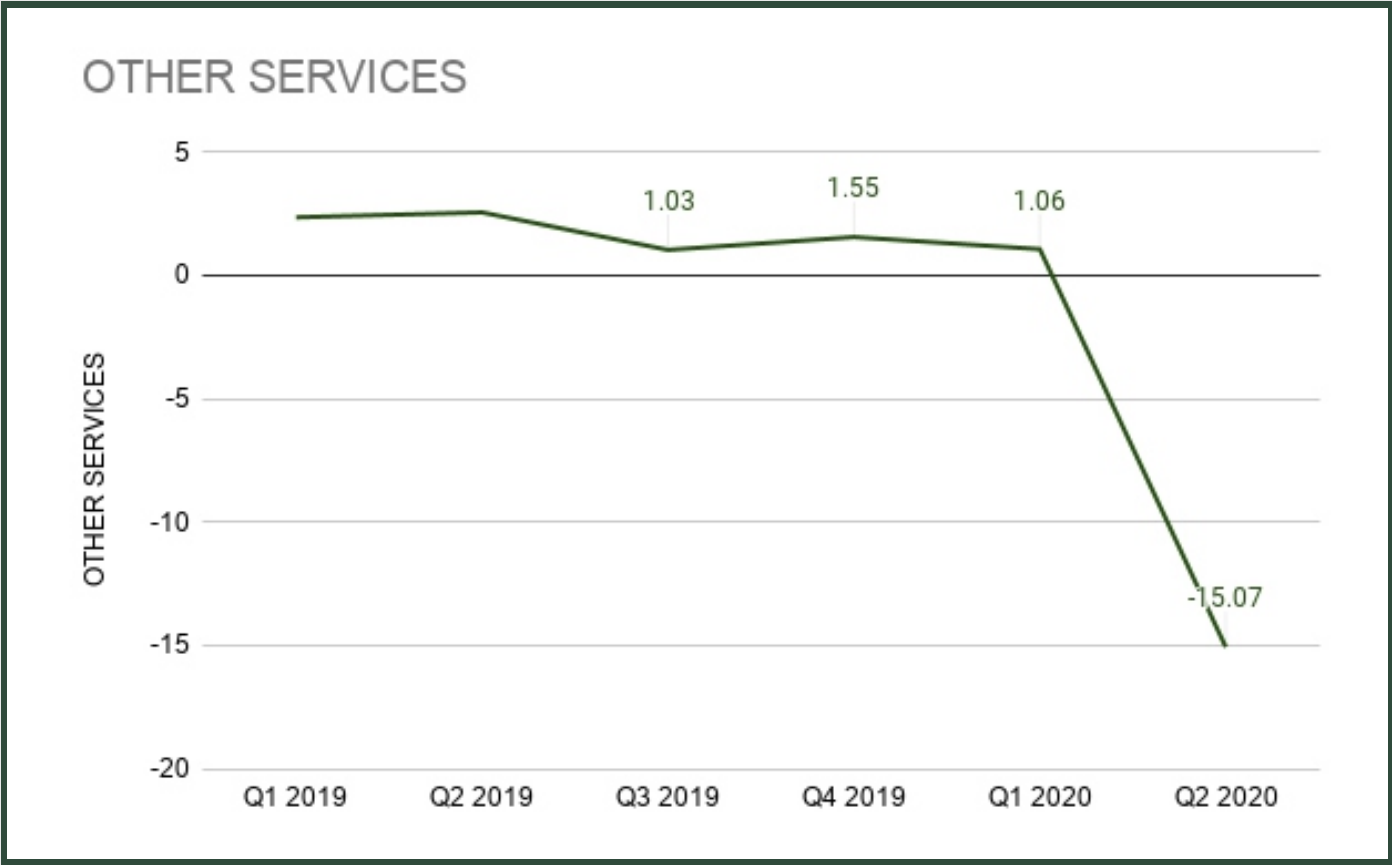
# GDP REPORT Q2 2020

## Other Services: Q1 2019 – Q2 2020

### Other Services



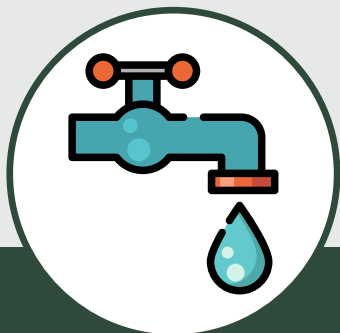
Other Services sector contracted by 15.07% in Q2 2020 from 1.06% in Q1 2020 and 2.55% in Q2 2019



## GDP REPORT Q2 2020

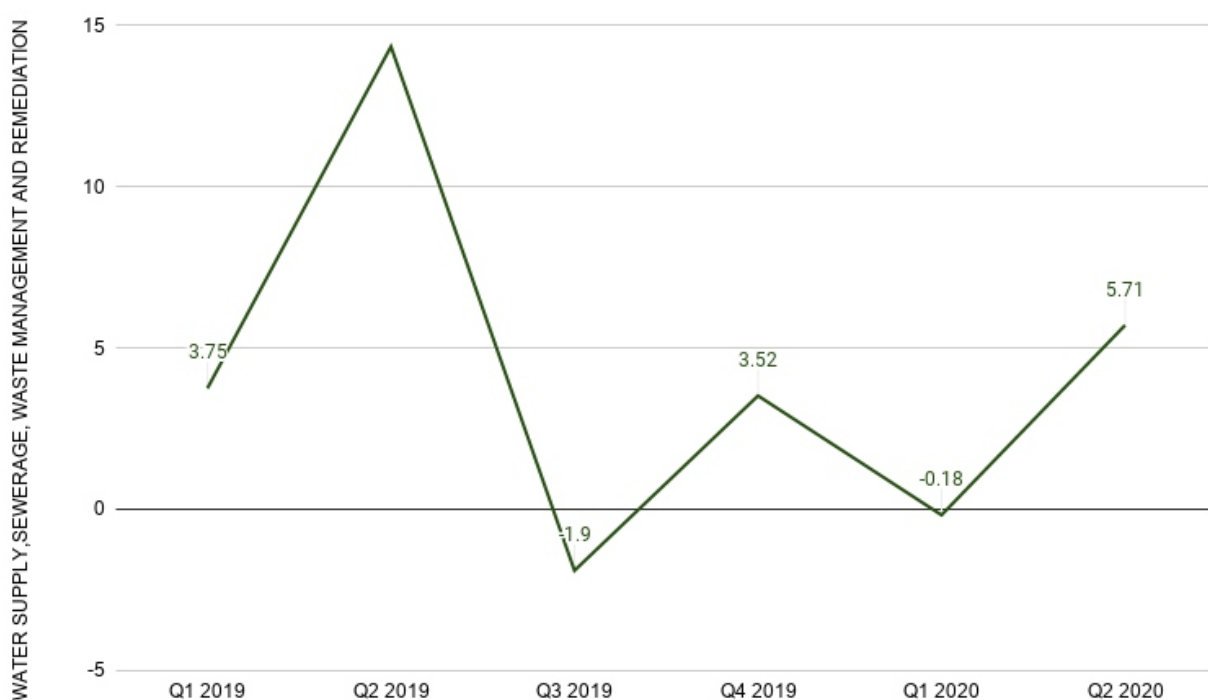
### Water Supply, Sewerage, Waste Management and Remediation: Q1 2019 – Q2 2020

#### Water Supply, Sewerage, Waste Management And Remediation



Water Supply, Sewerage, Waste Management And Remediation sector grew by 5.71% in Q2 2020 from -0.18% in Q1 2020 and 14.35% in Q2 2019

WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION



# GDP REPORT Q2 2020

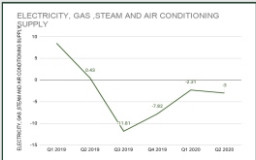
## Industries: Q1 2019 – Q2 2020

### Industries

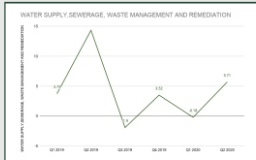


Industries sector contracted by -12.05% in Q2 2020 from 2.26% in Q1 2020 and 2.84% in Q2 2019

ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY



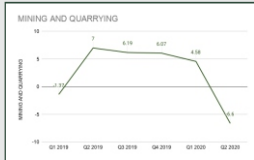
WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION



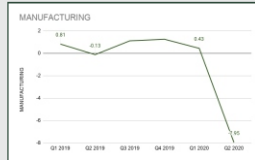
CONSTRUCTION



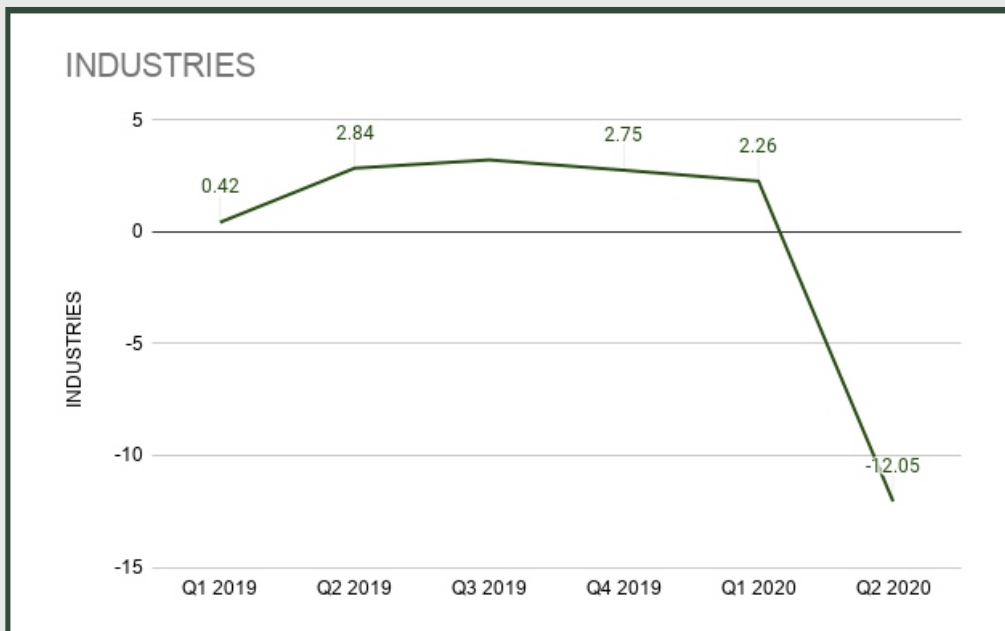
MINING AND QUARRYING



MANUFACTURING



### INDUSTRIES





# GDP REPORT Q2 2020

## Services: Q1 2019 – Q2 2020

### 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 Q2 2020

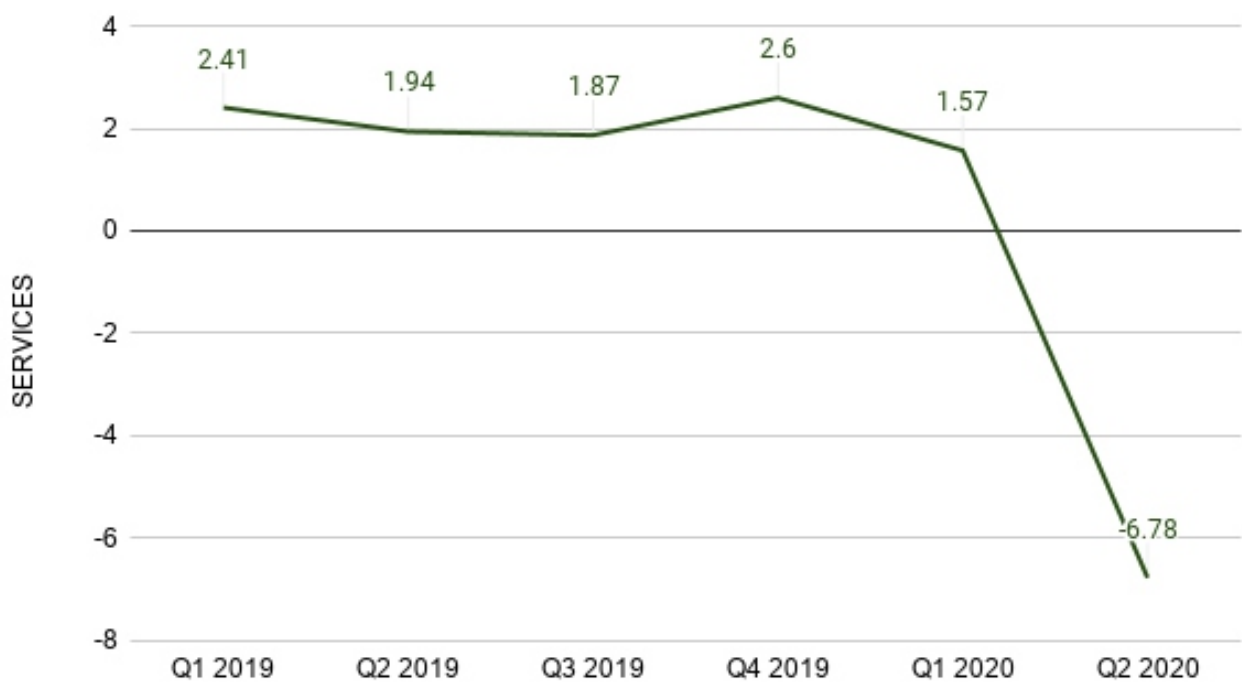
## Services: Q1 2019 – Q2 2020

### Services



Services sector contracted by -6.78% in Q2 2020 from 1.57% in Q1 2020 and 1.94% in Q2 2019

### SERVICES



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.)

## 1.3 FORESTRY

Section A, Division 02 of ISIC Rev 4

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

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

## 1.4 FISHING

Section A, Division 03 of ISIC Rev 4

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

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

## 2. MINING AND QUARRYING

Section B, Division 05-09 of ISIC Rev 4.0

### 2.1 CRUDE PETROLEUM AND NATURAL GAS

Section B, Division 06 of ISIC Rev 4

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

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

### 2.2 COAL MINING

Section B, Division 05 of ISIC Rev 4

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

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

### 2.3 METAL ORES

Section B, Division 07 of ISIC Rev 4

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

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

### 2.4 QUARRYING AND OTHER MINING

Section B, Division 08 of ISIC Rev 4

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

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

### 3. MANUFACTURING

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

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

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

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

Section D, Division 35 of ISIC Rev 4.

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

Intermediate Consumption = other cost of sales + Indirect expenses

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

Section E, Division 36 of ISIC Rev. 4

Gross output = Water revenue + Sewage revenue + New connections

Intermediate Consumption = other cost of sales + Indirect expenses

### 6. TRADE

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

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

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

### 7. CONSTRUCTION

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

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

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

### 8. ACCOMMODATION AND FOOD SERVICES

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

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

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

## 9. TRANSPORTATION AND STORAGE

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

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

### 9.2 RAIL TRANSPORT AND PIPELINES

Section H, Division 49 of ISIC Rev 4

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

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

### 9.3 WATER TRANSPORT

Section H, Division 50 of ISIC Rev 4

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

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

### 9.4 AIR TRANSPORT

Section H, Division 51 of ISIC Rev 4

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

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

### 9.5 TRANSPORT SERVICES

Section H, Division 52 of ISIC Rev 4

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

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

### 9.6 POST AND COURIER SERVICES

Section H, Division 53 of ISIC Rev 4

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

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

## 10. INFORMATION AND COMMUNICATION

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

### 10.1 TELECOMMUNICATION AND INFORMATION SERVICES

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

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

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

### 10.2 PUBLISHING

Section J, Division 58 of ISIC Rev 4

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

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

### 10.3 MOTION PICTURE AND SOUND RECORDING

Section J, Division 59 of ISIC Rev 4.

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

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

### 10.4 BROADCASTING

Section J, Division 60 of ISIC Rev 4

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

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

## 11. ARTS ENTERTAINMENT AND RECREATION

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

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

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

## 12. FINANCE AND INSURANCE SERVICES

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

### 12.1 FINANCIAL INSTITUTIONS

Section K, Division 64 of ISIC Rev 4

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

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

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

## 12.2. INSURANCE

Section K, Division 65 of ISIC Rev 4

### **Gross Output:**

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

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

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

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

## 13. REAL ESTATE

Section L, Division 68 of ISIC Rev 4

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

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

## 14. PROFESSIONAL SCIENTIFIC AND TECHNICAL SERVICES

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

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

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

## 15. ADMINISTRATIVE AND SUPPORT SERVICES

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

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

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

## 16. PUBLIC ADMINISTRATION

Section O, Division 48 of ISIC Rev. 4

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

## 17. EDUCATION

Section P, division 85 of ISIC Rev. 4.

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

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



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

**Private Production (market service):**

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

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

### 18. HUMAN HEALTH AND SOCIAL SERVICES

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

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

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

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

**Private production (market service):**

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

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

### 19. OTHER SERVICE ACTIVITIES

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

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





# APPENDIX

## Implicit Price Deflators

ACTIVITY SECTOR	2019					2020	
	Q1	Q2	Q3	Q4	Total	Q1	Q2
<b>AGRICULTURE</b>							
1. Crop Production	164.55	172.71	179.45	178.56	174.87	199.12	206.08
2. Livestock	174.57	176.57	170.81	175.11	174.29	171.66	173.59
3. Forestry	156.11	157.11	148.00	148.94	152.49	149.14	150.71
4. Fishing	277.28	324.29	328.44	357.46	319.84	389.04	423.41
<b>MINING AND QUARRYING</b>							
5. Crude Petroleum and Natural Gas	207.86	201.32	200.60	179.63	197.75	177.67	177.58
6. Coal Mining	159.17	173.31	169.48	174.88	167.34	180.45	186.20
7. Metal Ores	159.17	173.31	183.62	174.88	168.96	180.45	186.20
8. Quarrying and Other Minerals	298.76	375.82	477.00	504.51	445.31	511.35	578.20
<b>MANUFACTURING</b>							
9. Oil Refining	149.35	150.51	152.83	152.84	151.64	154.03	155.22
10. Cement	308.37	344.50	421.00	432.36	376.98	488.34	449.62
11. Food, Beverage and Tobacco	199.50	212.81	226.33	222.46	215.40	232.81	235.06
12. Textile, Apparel and Footwear	238.92	266.85	296.47	284.69	272.04	301.82	309.98
13. Wood and Wood Products	187.92	219.89	232.04	206.45	211.19	213.02	219.80
14. Pulp, Paper and Paper Products	308.96	369.16	435.52	413.66	382.39	455.92	502.49
15. Chemical and Pharmaceutical Products	208.13	351.86	376.51	246.18	296.16	260.36	275.35
16. Non-Metallic Products	314.69	368.48	432.83	415.99	383.23	456.55	489.06
17. Plastic and Rubber products	192.51	348.21	365.31	218.73	279.45	228.24	238.16
18. Electrical and Electronics	223.14	355.42	388.49	274.54	316.80	294.17	315.22
19. Basic metal , Iron and Steel	185.31	346.86	362.53	209.31	272.41	217.98	227.01
20. Motor vehicles & assembly	625.69	442.06	707.95	974.29	679.97	1270.47	1,316.58
21. Other Manufacturing	175.70	344.11	356.55	194.68	262.32	201.46	208.47
22. ELECTRICITY, GAS ,STEAM AND AIR CONDITIONING SUPPLY	330.49	371.73	403.71	379.60	377.05	397.54	416.33
23. WATER SUPPLY,SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	210.77	243.29	266.42	246.39	241.20	259.56	273.43
24. CONSTRUCTION	292.12	318.80	374.61	379.71	339.18	414.40	452.25
25. TRADE	194.65	197.18	197.19	198.47	196.92	199.76	201.06
26. ACCOMMODATION AND FOOD SERVICES	206.34	214.49	222.96	231.77	219.28	240.93	250.45
<b>TRANSPORTATION AND STORAGE</b>							
27. Road Transport	283.26	294.89	307.00	319.60	300.76	332.72	346.38
28. Rail Transport & Pipelines	191.28	196.78	193.00	193.87	194.32	194.75	195.62
29. Water Transport	204.43	206.54	206.28	207.21	206.27	208.14	209.08
30. Air Transport	227.33	205.95	247.83	258.77	237.78	270.19	282.12
31. Transport Services	188.52	196.54	189.77	190.39	191.39	191.02	191.65
32. Post and Courier Services	141.50	196.43	142.52	143.03	150.32	143.55	144.06
<b>INFORMATION AND COMMUNICATION</b>							
33. Telecommunications & Information Services	148.20	196.54	149.45	150.08	161.66	150.71	167.34
34. Publishing,	178.50	196.52	179.71	180.31	184.02	180.92	181.53
34. Motion Pictures, Sound recording and Music production	172.86	196.20	173.43	173.72	178.56	174.01	174.29
36. Broadcasting	172.86	196.20	173.43	173.72	180.27	174.01	174.29
37.ARTS, ENTERTAINMENT AND RECREATION	172.86	196.20	173.43	173.72	178.73	174.01	174.29
<b>FINANCIAL AND INSURANCE</b>							
38. Financial Institutions	194.65	197.18	197.19	198.47	196.96	199.76	201.06
39. Insurance	194.65	197.18	197.19	198.47	196.76	199.76	201.06
40. REAL ESTATE	201.14	204.17	207.25	210.37	206.07	213.54	216.76
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	194.65	197.18	197.19	198.47	196.97	199.76	201.06
42. ADMINISTRATIVE & SUPPORT SERVICES	194.65	197.18	197.19	198.47	196.96	199.76	201.06
43. PUBLIC ADMINISTRATION	194.65	197.18	197.19	198.47	197.03	199.76	201.06
44. EDUCATION	189.16	198.83	195.03	198.03	195.39	201.07	204.16
45. HUMAN HEALTH AND SOCIAL SERVICES	181.22	198.54	186.50	189.20	189.00	191.94	194.72
46. OTHER SERVICES	194.65	197.18	197.19	198.47	196.83	199.76	201.06
GDP Deflator	193.64	206.73	204.43	202.67	202.01	212.92	214.01

# APPENDIX

## Gross Domestic Product At Current Basic Prices Percentage Distribution

	2019					2020	
	Q1	Q2	Q3	Q4	Total	Q1	Q2
<b>ACTIVITY SECTOR</b>							
<b>AGRICULTURE</b>							
1. Crop Production	16.26	16.99	23.71	20.75	19.62	17.98	21.16
2. Livestock	1.62	1.43	1.32	1.51	1.46	1.43	1.48
3. Forestry	0.21	0.22	0.18	0.19	0.20	0.18	0.22
4. Fishing	1.01	0.75	0.68	0.94	0.84	1.29	1.06
<b>MINING AND QUARRYING</b>							
5. Crude Petroleum and Natural Gas	9.89	8.74	9.59	6.49	8.60	7.93	7.41
6. Coal Mining	0.02	0.01	0.00	0.01	0.01	0.01	0.01
7. Metal Ores	0.02	0.01	0.01	0.00	0.01	0.01	0.01
8. Quarrying and Other Minerals	0.06	0.23	0.28	0.36	0.24	0.02	0.34
<b>MANUFACTURING</b>							
9. Oil Refining	0.07	0.12	0.10	0.11	0.10	0.03	0.04
10. Cement	1.48	1.37	1.72	1.61	1.55	2.12	1.74
11. Food, Beverage and Tobacco	4.62	4.32	4.43	4.36	4.43	4.86	4.76
12. Textile, Apparel and Footwear	2.70	2.55	2.79	2.82	2.72	3.08	2.61
13. Wood and Wood Products	0.31	0.30	0.31	0.27	0.30	0.32	0.28
14. Pulp, Paper and Paper Products	0.13	0.14	0.16	0.15	0.14	0.17	0.14
15. Chemical and Pharmaceutical Products	0.24	0.38	0.39	0.25	0.32	0.27	0.32
16. Non-Metallic Products	0.60	0.63	0.71	0.63	0.64	0.76	0.66
17. Plastic and Rubber products	0.35	0.56	0.55	0.34	0.45	0.38	0.35
18. Electrical and Electronics	0.01	0.01	0.01	0.01	0.01	0.01	0.01
19. Basic metal , Iron and Steel	0.24	0.38	0.39	0.25	0.31	0.25	0.24
20. Motor vehicles & assembly	0.17	0.09	0.12	0.17	0.14	0.31	0.31
21. Other Manufacturing	0.40	0.60	0.67	0.39	0.52	0.40	0.32
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	0.36	0.82	0.72	0.92	0.72	0.38	0.92
23. WATER SUPPLY,SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	0.20	0.27	0.20	0.15	0.20	0.22	0.34
24. CONSTRUCTION	6.16	6.86	5.52	6.44	6.24	7.94	6.83
25. TRADE	16.95	15.33	14.69	15.66	15.61	15.09	13.41
26. ACCOMMODATION AND FOOD SERVICES	1.19	0.66	0.95	1.08	0.97	1.21	0.48
<b>TRANSPORTATION AND STORAGE</b>							
27. Road Transport	2.29	1.69	1.79	1.85	1.89	2.47	0.99
28. Rail Transport & Pipelines	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	0.00	0.01
30. Air Transport	0.13	0.10	0.15	0.16	0.14	0.14	0.06
31. Transport Services	0.04	0.06	0.07	0.08	0.06	0.04	0.06
32. Post and Courier Services	0.03	0.01	0.01	0.02	0.02	0.02	0.01
<b>INFORMATION AND COMMUNICATION</b>							
33. Telecommunications & Information Services	7.73	10.81	6.73	7.85	8.25	7.70	11.18
34. Publishing,	0.03	0.03	0.02	0.02	0.03	0.03	0.02
34. Motion Pictures, Sound recording and Music production	1.18	0.94	0.74	0.80	0.90	1.06	0.82
36. Broadcasting	1.66	2.05	1.05	1.34	1.51	1.52	2.04
37. ARTS, ENTERTAINMENT AND RECREATION	0.27	0.22	0.16	0.17	0.20	0.25	0.18
<b>FINANCIAL AND INSURANCE</b>							
38. Financial Institutions	2.74	2.51	2.07	2.82	2.53	3.11	3.38
39. Insurance	0.49	0.52	0.34	0.30	0.41	0.46	0.38
40. REAL ESTATE	5.79	6.35	6.30	6.45	6.24	5.23	5.41
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	3.51	3.39	3.44	3.56	3.48	3.21	3.01
42. ADMINISTRATIVE & SUPPORT SERVICES	0.02	0.02	0.02	0.02	0.02	0.02	0.02
43. PUBLIC ADMINISTRATION	1.88	2.07	1.92	2.15	2.01	1.57	2.21
44. EDUCATION	2.06	1.71	2.02	2.41	2.06	1.97	1.37
45. HUMAN HEALTH AND SOCIAL SERVICES	0.64	0.68	0.58	0.59	0.62	0.61	0.70
46. OTHER SERVICES	4.25	3.03	2.43	3.55	3.28	3.93	2.70
GDP at current basic price	100.00	100.00	100.00	100.00	100.00	100.00	100.00

# APPENDIX

## Gross Domestic Product at 2010 Constant Basic Prices Percentage Distribution

	2019					2020	
	Q1	Q2	Q3	Q4	Total	Q1	Q2
<b>ACTIVITY SECTOR</b>							
<b>AGRICULTURE</b>							
1. Crop Production	19.13	20.34	27.01	23.55	22.67	19.23	21.97
2. Livestock	1.79	1.67	1.57	1.74	1.70	1.77	1.82
3. Forestry	0.26	0.29	0.24	0.26	0.26	0.26	0.32
4. Fishing	0.71	0.48	0.42	0.53	0.53	0.70	0.54
<b>MINING AND QUARRYING</b>							
5. Crude Petroleum and Natural Gas	9.22	8.98	9.77	7.32	8.78	9.50	8.93
6. Coal Mining	0.02	0.01	0.00	0.01	0.01	0.01	0.02
7. Metal Ores	0.02	0.01	0.01	0.00	0.01	0.02	0.01
8. Quarrying and Other Minerals	0.04	0.12	0.12	0.14	0.11	0.01	0.12
<b>MANUFACTURING</b>							
9. Oil Refining	0.09	0.17	0.14	0.15	0.14	0.04	0.06
10. Cement	0.93	0.82	0.84	0.76	0.83	0.93	0.83
11. Food, Beverage and Tobacco	4.48	4.20	4.00	3.97	4.15	4.45	4.34
12. Textile, Apparel and Footwear	2.19	1.98	1.92	2.01	2.02	2.17	1.80
13. Wood and Wood Products	0.32	0.29	0.28	0.27	0.29	0.32	0.27
14. Pulp, Paper and Paper Products	0.08	0.08	0.07	0.07	0.08	0.08	0.06
15. Chemical and Pharmaceutical Products	0.23	0.23	0.21	0.21	0.22	0.22	0.25
16. Non-Metallic Products	0.37	0.35	0.33	0.31	0.34	0.36	0.29
17. Plastic and Rubber products	0.35	0.33	0.31	0.31	0.32	0.35	0.32
18. Electrical and Electronics	0.01	0.01	0.01	0.01	0.01	0.01	0.01
19. Basic metal , Iron and Steel	0.25	0.23	0.22	0.24	0.23	0.25	0.23
20. Motor vehicles & assembly	0.05	0.04	0.03	0.04	0.04	0.05	0.05
21. Other Manufacturing	0.44	0.36	0.38	0.41	0.40	0.43	0.33
22. ELECTRICITY, GAS ,STEAM AND AIR CONDITIONING SUPPLY	0.21	0.46	0.36	0.49	0.39	0.20	0.47
23. WATER SUPPLY,SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	0.18	0.23	0.15	0.13	0.17	0.18	0.26
24. CONSTRUCTION	4.09	4.45	3.01	3.44	3.72	4.08	3.23
25. TRADE	16.86	16.07	15.23	15.99	16.01	16.08	14.28
26. ACCOMMODATION AND FOOD SERVICES	1.12	0.64	0.87	0.95	0.89	1.07	0.41
<b>TRANSPORTATION AND STORAGE</b>							
27. Road Transport	1.56	1.19	1.19	1.17	1.27	1.58	0.61
28. Rail Transport & Pipelines	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
30. Air Transport	0.11	0.10	0.13	0.13	0.12	0.11	0.05
31. Transport Services	0.04	0.07	0.08	0.08	0.07	0.04	0.06
32. Post and Courier Services	0.04	0.01	0.01	0.02	0.02	0.04	0.01
<b>INFORMATION AND COMMUNICATION</b>							
33. Telecommunications & Information Services	10.10	11.37	9.20	10.60	10.30	10.88	14.30
34. Publishing,	0.03	0.03	0.02	0.03	0.03	0.03	0.03
34. Motion Pictures, Sound recording and Music production	1.32	0.99	0.87	0.93	1.02	1.30	1.00
36. Broadcasting	1.86	2.16	1.24	1.56	1.69	1.86	2.50
37.ARTS, ENTERTAINMENT AND RECREATION	0.31	0.23	0.19	0.20	0.23	0.31	0.22
<b>FINANCIAL AND INSURANCE</b>			0.00				
38. Financial Institutions	2.72	2.63	2.14	2.88	2.59	3.31	3.60
39. Insurance	0.49	0.54	0.35	0.31	0.42	0.49	0.41
40. REAL ESTATE	5.57	6.43	6.21	6.21	6.12	5.21	5.34
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	3.50	3.56	3.57	3.64	3.57	3.42	3.20
42. ADMINISTRATIVE & SUPPORT SERVICES	0.02	0.02	0.02	0.02	0.02	0.02	0.02
43. PUBLIC ADMINISTRATION	1.87	2.17	1.99	2.19	2.06	1.68	2.36
44. EDUCATION	2.11	1.77	2.12	2.47	2.13	2.08	1.43
45. HUMAN HEALTH AND SOCIAL SERVICES	0.68	0.71	0.64	0.63	0.66	0.68	0.77
46. OTHER SERVICES	4.23	3.18	2.52	3.62	3.37	4.19	2.87
GDP at 2010 constant price	100.00	100.00	100.00	100.00	100.00	100.00	100.00

# APPENDIX

## Growth Rate of Gross Domestic Product At Current Basic Prices (NOMINAL GDP%)

	Q1 2019	Q2 2019	Q3 2019	Q4 2019	FULL YEAR 2019	Q1 2020	Q2 2020
<b>AGRICULTURE</b>	22.58	17.76	14.88	13.80	16.56	22.47	19.90
1. Crop Production	23.17	17.99	15.48	13.98	16.89	23.89	21.03
2. Livestock	7.28	3.93	0.37	0.79	2.95	-1.05	0.53
3. Forestry	9.92	11.22	2.00	-2.62	4.80	-2.83	-3.04
4. Fishing	48.55	52.42	31.89	43.58	43.97	42.40	37.98
<b>MINING AND QUARRYING</b>	-19.32	-16.82	5.98	12.75	-6.44	-10.57	-16.02
5. Crude Petroleum and Natural Gas	-19.71	-17.95	4.98	10.64	-7.62	-10.20	-17.64
6. Coal Mining	57.36	28.76	43.68	-0.59	31.95	-35.84	18.75
7. Metal Ores	-8.35	15.12	9.00	10.98	2.20	8.72	-0.10
8. Quarrying and Other Minerals	137.41	67.65	58.03	72.11	69.01	-70.95	44.02
<b>MANUFACTURING</b>	36.45	37.79	39.69	26.29	34.73	28.47	-0.14
9. Oil Refining	-47.26	-21.45	-30.14	-23.38	-29.37	-51.33	-66.65
10. Cement	86.65	58.24	68.51	58.40	66.56	61.00	23.29
11. Food, Beverage and Tobacco	23.13	19.13	20.07	17.05	19.70	17.97	7.14
12. Textile, Apparel and Footwear	40.66	31.20	31.77	27.61	32.24	27.63	-0.60
13. Wood and Wood Products	21.68	30.08	30.61	13.44	23.71	14.78	-10.75
14. Pulp, Paper and Paper Products	73.48	63.71	65.07	45.78	60.36	50.50	-2.21
15. Chemical and Pharmaceutical Products	39.72	97.43	92.45	26.25	64.48	25.82	-18.78
16. Non-Metallic Products	72.56	56.28	58.03	46.85	57.10	43.13	2.49
17. Plastic and Rubber products	33.33	110.16	99.88	21.99	66.27	20.07	-38.96
18. Electrical and Electronics	49.57	100.80	91.77	33.23	69.81	29.73	-36.51
19. Basic metal, Iron and Steel	28.26	104.94	92.88	18.26	60.35	19.03	-39.15
20. Motor vehicles & assembly	176.97	18.38	49.27	81.93	74.51	105.16	218.51
21. Other Manufacturing	20.42	117.17	110.34	14.92	62.86	12.62	-48.08
<b>22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY</b>	41.36	29.75	12.83	10.88	19.07	17.51	8.64
<b>23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION</b>	39.62	54.32	32.21	27.49	39.24	22.93	18.81
<b>24. CONSTRUCTION</b>	66.99	42.80	48.80	43.72	49.18	44.26	-3.20
<b>25. TRADE</b>	4.82	3.03	1.13	2.03	2.70	-0.27	-14.95
<b>26. ACCOMMODATION AND FOOD SERVICES</b>	30.29	20.18	19.43	19.13	22.23	13.27	-30.16
<b>TRANSPORTATION AND STORAGE</b>	50.39	25.56	38.60	15.34	31.10	20.44	-41.63
27. Road Transport	53.22	27.10	41.16	14.43	32.47	20.78	-42.88
28. Rail Transport & Pipelines	-3.48	4.54	5.94	5.98	4.47	3.94	-63.54
29. Water Transport	3.17	1.28	3.02	3.71	2.70	1.89	-27.45
30. Air Transport	39.86	15.83	36.96	36.67	32.99	25.61	-41.62
31. Transport Services	4.14	7.26	3.72	5.12	5.07	-0.07	-13.36
32. Post and Courier Services	1.98	39.53	0.56	1.88	7.38	0.43	-26.97
<b>INFORMATION AND COMMUNICATION</b>	11.45	40.54	11.19	9.86	18.67	8.94	-1.15
33. Telecommunications	15.03	49.53	14.06	12.13	23.00	11.57	0.55
34. Publishing,	1.96	16.32	4.32	4.52	6.88	1.46	-24.58
35. Motion Pictures, Sound recording and Music production	2.14	11.36	1.70	1.48	4.05	0.99	-15.25
36. Broadcasting	3.34	17.72	1.65	2.85	7.21	2.48	-3.36
<b>37. ARTS, ENTERTAINMENT AND RECREATION</b>	8.19	14.99	3.57	5.54	8.23	2.20	-19.10
<b>FINANCIAL AND INSURANCE</b>	-3.96	0.98	3.72	23.33	5.86	23.96	20.82
38. Financial Institutions	-5.64	-0.35	3.25	25.54	5.70	27.26	30.94
39. Insurance	6.61	7.91	6.69	5.92	6.88	5.64	-28.15
<b>40. REAL ESTATE</b>	10.27	2.09	3.71	2.51	4.23	1.12	-17.18
<b>41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES</b>	5.74	4.53	-0.06	3.19	3.19	2.23	-13.75
<b>42. ADMINISTRATIVE &amp; SUPPORT SERVICES</b>	5.42	5.38	5.75	3.92	5.09	0.67	-0.47
<b>43. PUBLIC ADMINISTRATION</b>	-10.84	-0.22	3.24	2.69	-1.00	-6.33	4.02
<b>44. EDUCATION</b>	9.64	11.09	7.56	7.18	8.59	7.03	-22.09
<b>45. HUMAN HEALTH AND SOCIAL SERVICES</b>	8.70	15.67	6.83	5.32	9.07	7.03	-0.07
<b>46. OTHER SERVICES</b>	6.38	5.92	3.68	4.21	5.10	3.71	-13.40
<b>GDP at 2010 current price</b>	<b>11.91</b>	<b>14.01</b>	<b>13.30</b>	<b>12.34</b>	<b>12.90</b>	<b>12.01</b>	<b>-2.80</b>

# APPENDIX

## Growth Rate of Gross Domestic Product at Constant Basic Prices (REAL GDP%)

	Q1 2019	Q2 2019	Q3 2019	Q4 2019	FULL YEAR 2019	Q1 2020	Q2 2020
<b>AGRICULTURE</b>	3.17	1.79	2.28	2.31	2.36	2.20	1.58
1. Crop Production	3.26	1.94	2.41	2.52	2.51	2.38	1.44
2. Livestock	0.88	-0.01	0.02	-0.20	0.16	0.63	2.26
3. Forestry	2.19	3.23	3.78	1.26	2.59	1.71	1.08
4. Fishing	7.09	1.09	1.68	2.33	3.33	1.49	5.68
<b>MINING AND QUARRYING</b>	-1.37	7.00	6.19	6.07	4.43	4.58	-6.60
5. Crude Petroleum and Natural Gas	-1.46	7.17	6.49	6.36	4.59	5.06	-6.63
6. Coal Mining	31.10	7.63	32.19	-12.32	13.15	-43.41	10.53
7. Metal Ores	-23.64	-3.77	-7.44	-2.11	-14.38	-4.10	-7.01
8. Quarrying and Other Minerals	29.31	-3.48	-14.02	-5.63	-5.63	-83.03	-6.39
<b>MANUFACTURING</b>	0.81	-0.13	1.10	1.24	0.77	0.43	-8.78
9. Oil Refining	-49.62	-23.83	-30.77	-25.71	-31.39	-52.81	-67.66
10. Cement	2.81	1.58	6.87	1.13	3.11	1.67	-5.54
11. Food, Beverage and Tobacco	1.76	1.22	2.98	2.69	2.17	1.10	-3.01
12. Textile, Apparel and Footwear	1.01	-1.42	-1.12	1.01	-0.09	1.03	-14.43
13. Wood and Wood Products	1.39	1.19	3.37	1.75	1.93	1.25	-10.71
14. Pulp, Paper and Paper Products	2.06	2.33	2.04	-1.21	1.25	1.99	-28.16
15. Chemical and Pharmaceutical Products	1.66	-1.27	0.13	0.92	0.35	0.58	3.79
16. Non-Metallic Products	3.67	0.96	0.92	1.22	1.68	-1.35	-22.78
17. Plastic and Rubber products	4.36	2.26	1.03	3.08	2.69	1.28	-10.76
18. Electrical and Electronics	1.52	2.47	1.02	1.06	1.50	-1.59	-28.41
19. Basic metal, Iron and Steel	1.49	-3.06	-5.06	1.12	-1.33	1.19	-7.03
20. Motor vehicles & assembly	13.32	-1.50	-1.52	-2.13	2.31	1.04	6.95
21. Other Manufacturing	-1.26	0.07	0.85	1.60	0.34	-1.78	-14.31
<b>22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY</b>	8.47	0.43	-11.81	-7.82	-4.86	-2.31	-3.00
<b>23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION</b>	3.75	14.35	-1.90	3.52	5.47	-0.18	5.71
<b>24. CONSTRUCTION</b>	3.18	0.67	2.37	1.31	1.81	1.69	-31.77
<b>25. TRADE</b>	0.85	-0.25	-1.45	-0.58	-0.38	-2.82	-16.59
<b>26. ACCOMMODATION AND FOOD SERVICES</b>	4.15	2.92	2.28	2.02	2.85	-2.99	-40.19
<b>TRANSPORTATION AND STORAGE</b>	19.50	8.02	18.24	-0.80	10.73	2.82	-49.23
27. Road Transport	21.48	8.21	20.18	-2.58	11.24	2.83	-51.37
28. Rail Transport & Pipelines	-6.04	0.25	4.05	4.09	1.74	2.09	-63.32
29. Water Transport	0.44	-1.10	1.19	1.87	0.56	0.08	-28.33
30. Air Transport	9.09	12.31	15.23	14.98	13.17	5.68	-57.38
31. Transport Services	2.11	1.87	2.36	3.74	2.66	-1.38	-11.15
32. Post and Courier Services	-0.19	-0.57	-0.87	0.42	-0.16	-1.01	-0.43
<b>INFORMATION AND COMMUNICATION</b>	9.48	9.01	9.88	10.16	11.08	9.99	15.09
33. Telecommunications	12.18	11.34	12.16	10.26	11.41	9.71	18.10
34. Publishing,	-0.07	4.60	2.93	3.12	2.60	0.10	-18.35
35. Motion Pictures, Sound recording and Music production	1.13	-2.37	1.03	0.81	0.20	0.33	-4.60
36. Broadcasting	2.33	3.20	0.98	2.17	2.29	1.81	8.78
<b>37. ARTS, ENTERTAINMENT AND RECREATION</b>	7.12	0.81	2.89	4.85	4.12	1.53	-8.93
<b>FINANCIAL AND INSURANCE</b>	-7.60	-2.24	1.07	20.18	2.56	20.79	18.49
38. Financial Institutions	-9.21	-3.52	0.61	22.33	2.40	24.00	28.41
39. Insurance	2.58	4.48	3.96	3.21	3.59	2.94	-29.53
<b>40. REAL ESTATE</b>	0.93	-3.84	-2.31	-3.45	-2.36	-4.75	-21.99
<b>41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES</b>	1.73	1.21	-2.62	0.55	0.12	-0.39	-15.41
<b>42. ADMINISTRATIVE &amp; SUPPORT SERVICES</b>	1.43	2.03	3.05	1.27	1.96	-1.90	-2.39
<b>43. PUBLIC ADMINISTRATION</b>	-14.21	-3.39	0.61	0.06	-4.01	-8.72	2.02
<b>44. EDUCATION</b>	0.18	0.96	1.19	0.84	0.80	0.69	-24.12
<b>45. HUMAN HEALTH AND SOCIAL SERVICES</b>	-0.16	1.13	0.86	-0.56	0.31	1.06	1.89
<b>46. OTHER SERVICES</b>	2.35	2.55	1.03	1.55	1.90	1.06	-15.07
<b>GDP at 2010 constant price</b>	2.10	2.12	2.28	2.55	2.27	1.87	-6.10



### Gross Domestic Product At 2010 Constant Basic Prices (%)

	2019					2020	
	Q1	Q2	Q3	Q4	Total	Q1	Q2
<b>CONTRIBUTION TO GDP</b>							
AGRICULTURE	21.89	22.78	29.25	26.09	25.16	21.96	24.65
INDUSTRIES	23.56	23.34	22.17	20.27	22.25	23.65	21.87
SERVICES	54.55	53.87	48.59	53.64	52.60	54.39	53.49
	100.00	100.00	100.00	100.00	100.00	100.00	100.00
<b>NON OIL</b>	90.78	91.02	90.23	92.68	91.22	90.50	91.07
<b>OIL</b>	9.22	8.98	9.77	7.32	8.78	9.50	8.93
	100.00	100.00	100.00	100.00	100.00	100.00	100.00
<b>GROWTH</b>							
AGRICULTURE	3.17	1.79	2.28	2.31	2.36	2.20	1.58
INDUSTRIES	0.42	2.84	3.21	2.75	2.31	2.26	-12.05
SERVICES	2.41	1.94	1.87	2.60	2.22	1.57	-6.78
<b>REAL GROWTH RATE AT BASIC PRICE</b>	2.10	2.12	2.28	2.55	2.27	1.87	-6.10
<b>REAL GROWTH RATE AT MARKET PRICE</b>	2.06	2.14	2.14	2.46	2.21	1.95	-6.04
<b>NON OIL GROWTH RATE</b>	2.47	1.64	1.85	2.26	2.06	1.55	-6.05
<b>OIL GROWTH RATE</b>	-1.46	7.17	6.49	6.36	4.59	5.06	-6.63

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