



**NATIONAL BUREAU OF STATISTICS**



# **Nigerian Gross Domestic Product Report Q4 2022**

**Report Date: February 2023**

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# Preface

This publication provides data on Quarterly Gross Domestic Product (GDP) estimates for the four quarters of 2021, the annual figure for 2021, the four quarters of 2022, and the annual figure for 2022.

Quarterly National Accounts (QNA) are integrated systems of macroeconomic accounts designed to describe the entire system of production in a nation quarterly. They provide a picture of the current economic status of the economy that is timelier and more 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 helps the government to assess, analyse, and monitor economic growth regularly.

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.**  
**February 2023.**



# 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 provide timely estimates for decisions and policy-making.

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 was conducted in the first quarter of 2019. This compilation procedure is carried out to date publishing the Q4 GDP report within the first quarter of the new accounting year. It is important to note that the Bureau maintains a publication date of 45 days after the quarter.

In subsequent sections of this report, emphasis will be given to the composition of GDP in the fourth quarter of 2022, the corresponding quarter of 2021 and the immediate past quarter of 2022 (Q3 2022).



# Overview of GDP in Quarter Four 2022

Nigeria's Gross Domestic Product (GDP) grew by **3.52%** (year-on-year) in real terms in the fourth quarter of 2022, following a growth of 2.25% in the third quarter of 2022 and 3.98% in the fourth quarter of 2021. The performance of the GDP in the fourth quarter of 2022 was driven mainly by the Services sector, which recorded a growth of 5.69% and contributed 56.27% to the aggregate GDP. Although the Agriculture sector grew by 2.05% in the reference period, its performance was significantly hampered by severe incidences of flood experienced across the country, accounting for lesser growth relative to the fourth quarter of 2021 which was 3.58%. Moreover, the Industry sector was yet challenged recording -0.94% growth and contributing less to the aggregate GDP relative to the third quarter of 2022 and the fourth quarter of 2021. Overall, the annual GDP growth rate in 2022 stood at **3.10%**, from the 3.40% reported in 2021. Thus, the performance of agriculture and Industry reduced in 2022 relative to 2021, while the performance of the Services sector improved in 2022.

In the quarter under review, aggregate GDP stood at N56,757,889.95 million in nominal terms. This performance is higher when compared to the fourth quarter of 2021 which recorded aggregate GDP of N49,276,018.23 million, indicating a year-on-year nominal growth of 15.18%. For better clarity, the Nigerian economy has been classified broadly into the oil and non-oil sectors (Pages 5 & 6).

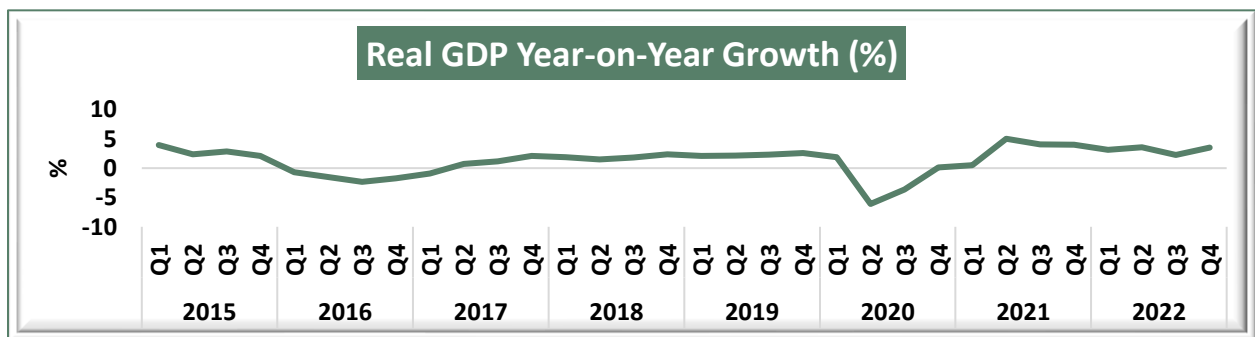


Figure 1: Real GDP Growth

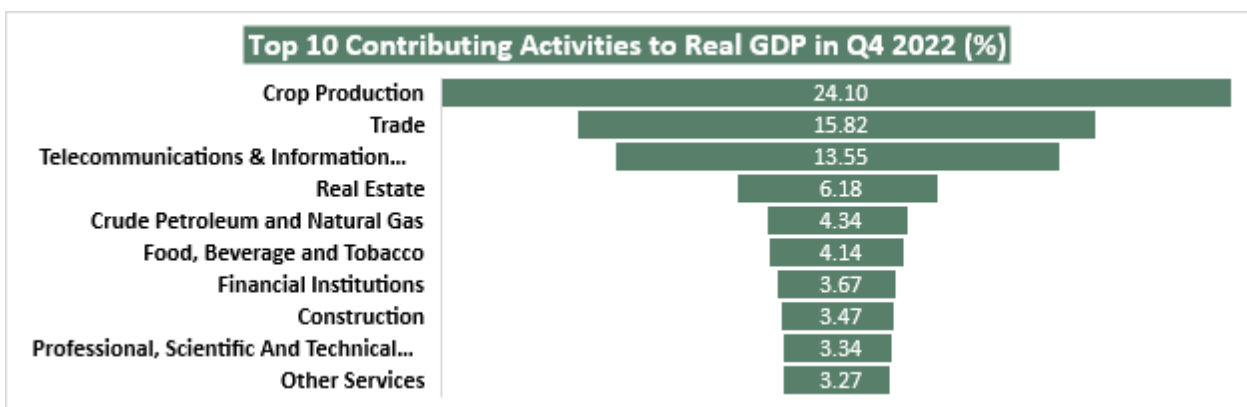


Figure 2: Top Contributing Activities to Real GDP in Q4 2022

# GDP REPORT Q4 2022

## REAL QUARTERLY GDP GROWTH AT

# 3.52%

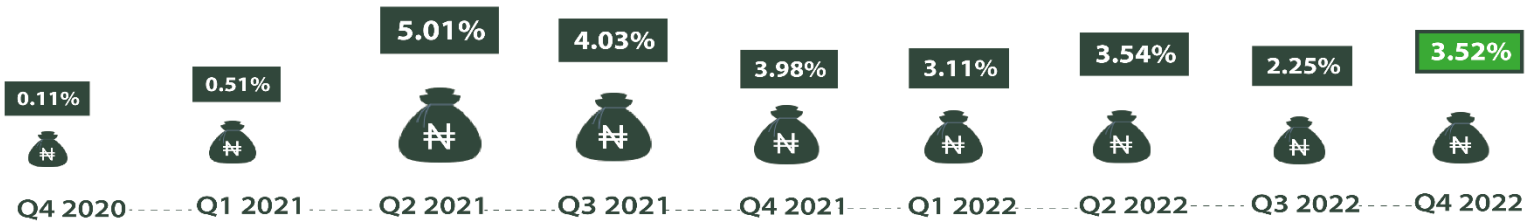
(FROM 2.25% IN Q3 2022)

NOMINAL GDP  
(Q4 2022)

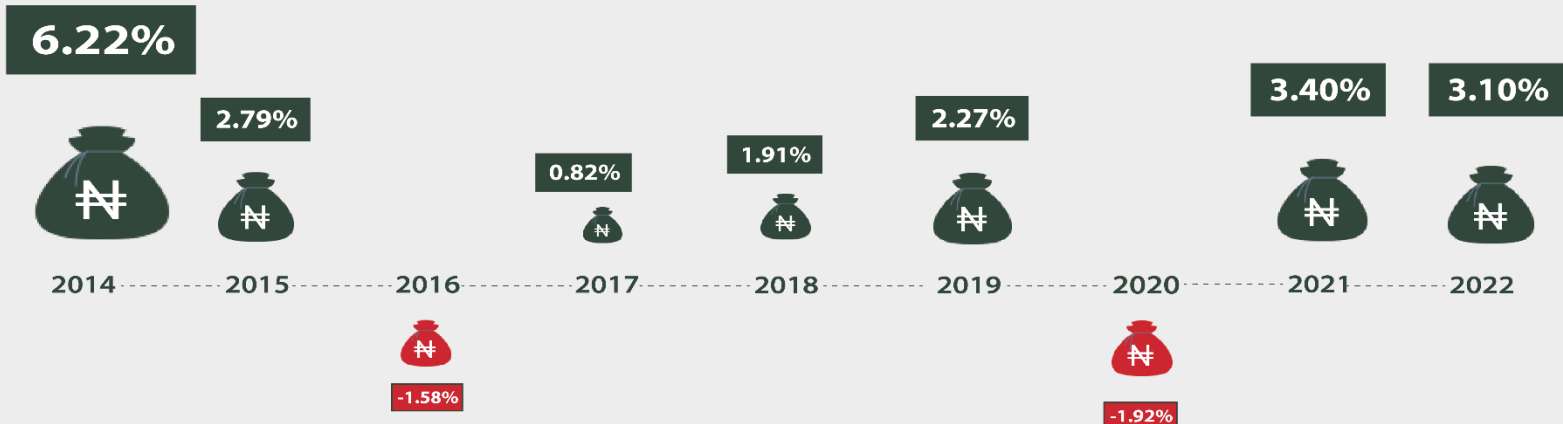
**N56.76 trillion**

REAL GDP  
(Q4 2022)

**N21.04 trillion**

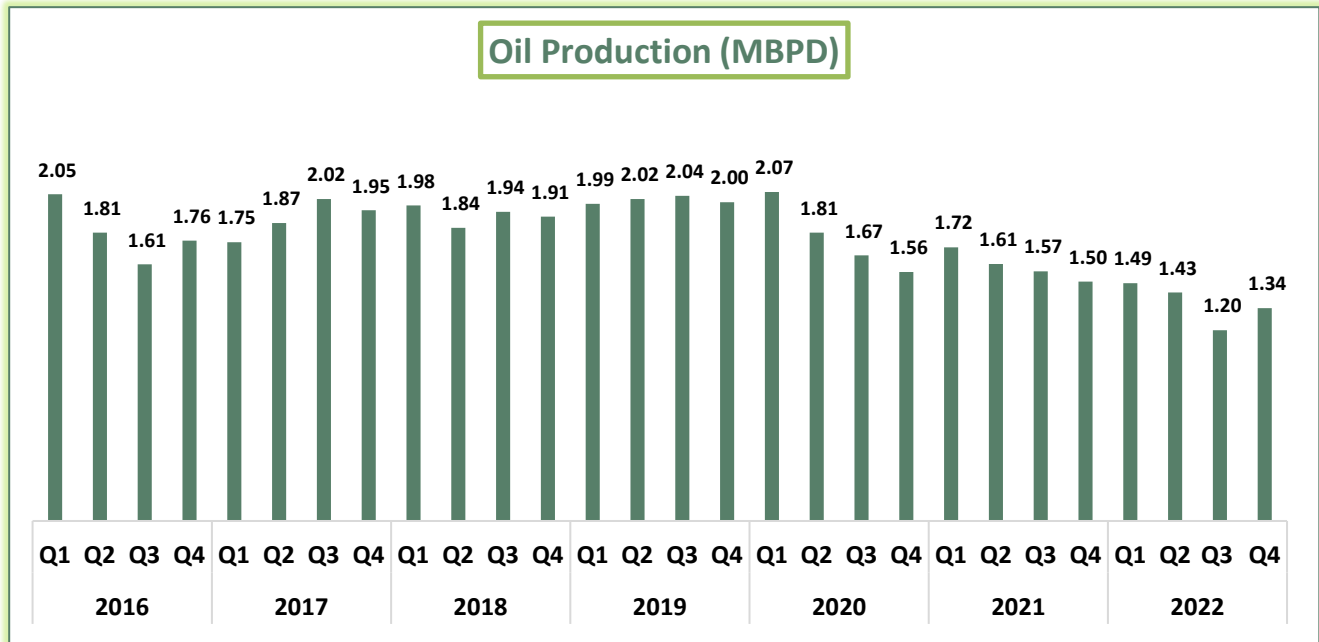


## YEARLY GDP GROWTH RATE



# The Oil Sector

The nation in the fourth quarter of 2022 recorded an average daily oil production of 1.34 million barrels per day (mbpd), lower than the daily average production of 1.50mbpd recorded in the same quarter of 2021 by 0.16mbpd and higher than the third quarter of 2022 production volume of 1.20 mbpd by 0.14mbpd. (Figure 3).

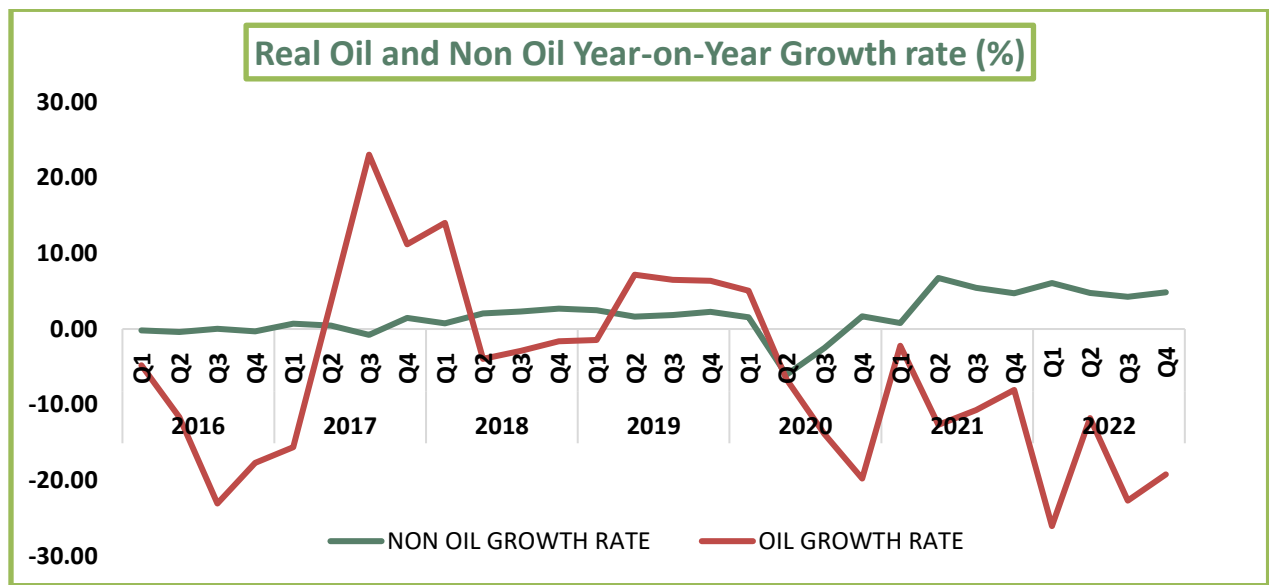


**Figure 3: Crude Oil Output (MBPD)**

The real growth of the oil sector was -13.38% (year-on-year) in Q4 2022 indicating a decrease of 5.33% points relative to the rate recorded in the corresponding quarter of 2021. Growth increased by 9.29% points when compared to Q3 2022 which was -22.67%. On a Quarter-on-Quarter, the oil sector recorded a growth rate of -14.93% in Q4 2022. However, the annual growth rate of oil stood at -19.22% compared to the -8.30% recorded in 2021. The Oil sector contributed 4.34% to the total real GDP in Q4 2022, down from the figures recorded in the corresponding period of 2021 and the preceding quarter, where it contributed 5.19% and 5.66% respectively. The total annual contribution of oil to aggregate GDP in 2022 was 5.67%.

# The Non-Oil Sector

The non-oil sector grew by 4.44% in real terms during the reference quarter (Q4 2022). This rate was lower by 0.29% points compared to the rate recorded same quarter of 2021 and 0.18% points higher than the third quarter of 2022. This sector was driven in the fourth quarter of 2022 mainly by Information and Communication (Telecommunication); Trade; Agriculture (Crop Production); Financial and Insurance (Financial Institutions); Manufacturing (Food, Beverage & Tobacco); Real Estate and Construction, accounting for positive GDP growth. In real terms, the non-Oil sector contributed 95.66% to the nation's GDP in the fourth quarter of 2022, higher than the share recorded in the fourth quarter of 2021 which was 94.81% and higher than the third quarter of 2022 recorded as 94.34%. Moreover, on aggregate 94.33% was contributed in 2022, higher than the 92.76% reported in 2021.

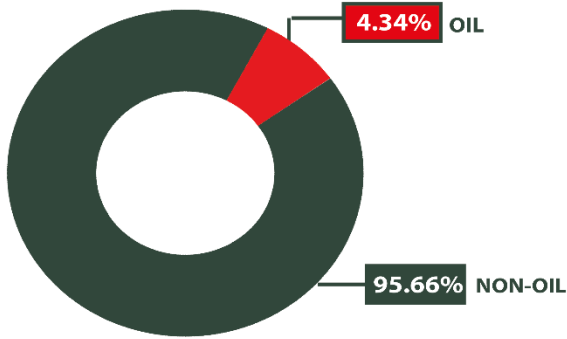


**Figure 4: Crude Oil and Non-Oil Growth**



# GDP REPORT Q4 2022

## CONTRIBUTION OF OIL AND NON-OIL SECTORS



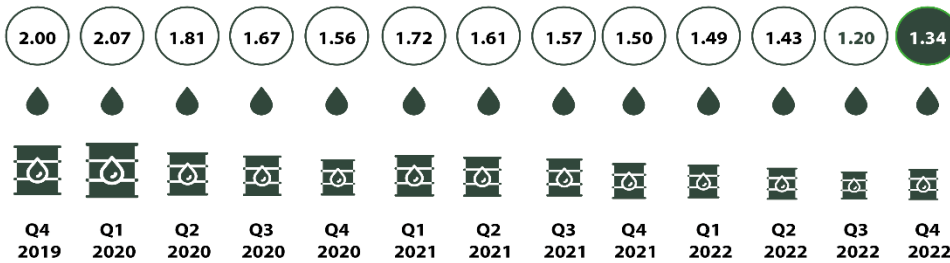
## CONTRIBUTION OF OIL AND NON-OIL SECTORS

NON-OIL GDP								
Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022
94.13	90.75	92.58	92.51	94.81	93.37	93.67	94.34	95.66

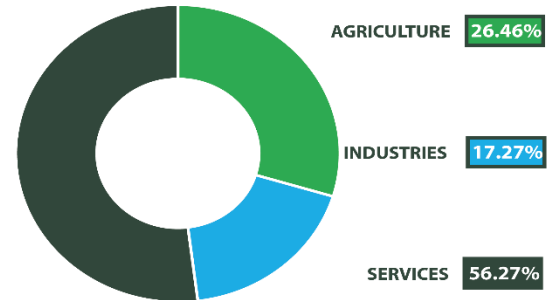
  

OIL GDP								
Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022
5.87	9.25	7.42	7.49	5.19	6.63	6.33	5.66	4.34

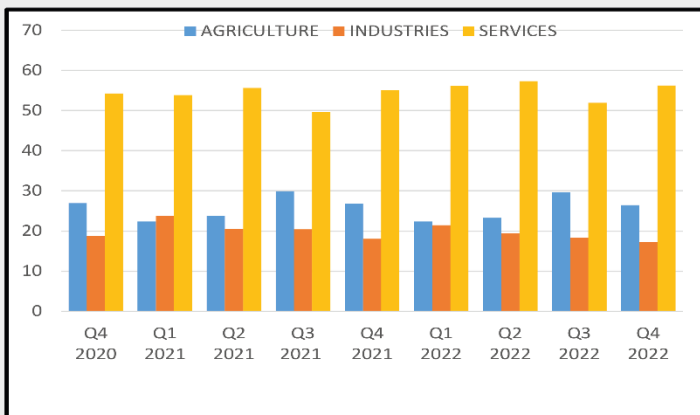
## OIL PRODUCTION (MBPD)



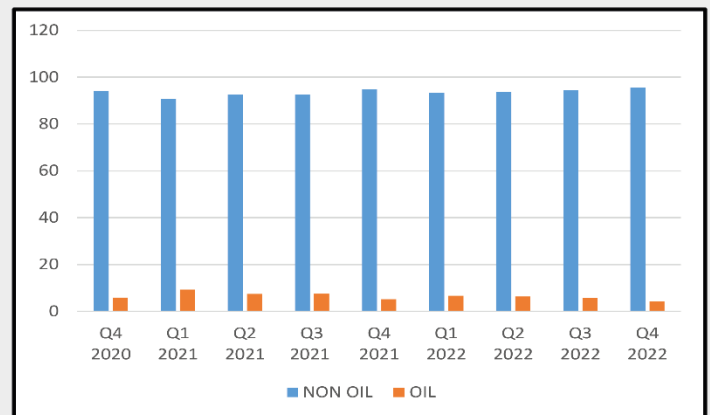
## CONTRIBUTION TO REAL GDP



## SHARE OF AGRICULTURE, INDUSTRY AND SERVICES



## SHARE OF OIL AND NON-OIL SECTORS



# Major Economic Sectors: Q4 2022

## 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 grew nominally by -1.07% (year-on-year) in Q4 2022. Quarrying and Other Minerals exhibited the highest growth rate of all the sub-activities at 47.85%, followed by Metal Ore activity at 22.72%. However, Crude Petroleum and Natural gas was the main contributor to the sector with a weight of 65.88% in Q4 2022. Comparing Q4 2022's rate of growth relative to Q4 2021 and Q3 2022 growth rates, there was a decline of 9.72% points and also a fall of 35.34% points respectively. The annual growth of the sector stood at 27.11%, higher than -1.05% recorded in 2021. The Mining & Quarrying sector contributed 4.51% to the overall GDP in the fourth quarter of 2022, lower than the contributions recorded in 2021 fourth quarter at 5.25% and lower than the previous quarter recorded at 7.32%. The total contribution of the sector in nominal terms in 2022 was 6.85%.

In real terms, the Mining and Quarrying sector grew by -11.39% (year-on-year) in the fourth quarter of 2022. Compared to the same quarter of 2021 and the third quarter of 2022, it was lower by 5.23% points and higher by 9.92% points respectively. Quarter on quarter, the growth rate recorded was -11.42% during the quarter. The 2022 growth rate of the sector stood at -18.16%, lower than the -7.79% recorded in 2021. The contribution of Mining and Quarrying to Real GDP in the quarter under review stood at 4.71%, lower than the rate of 5.50% recorded in the corresponding quarter of 2021 and lower than the 5.90% recorded in the third quarter of 2022. The annual total contribution of the sector in real terms in 2022 was 5.88%, lower than the 7.41% reported in 2021.

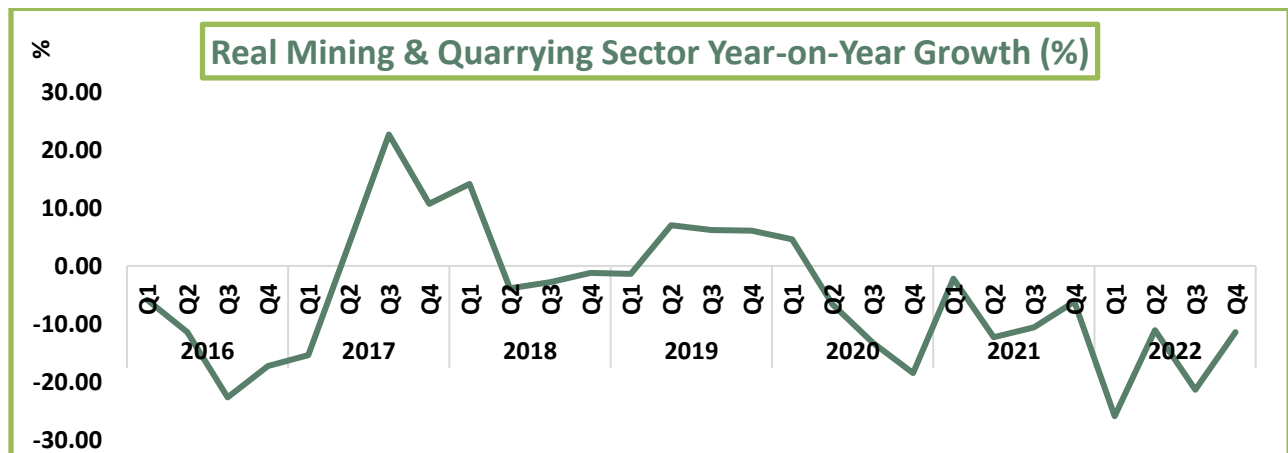
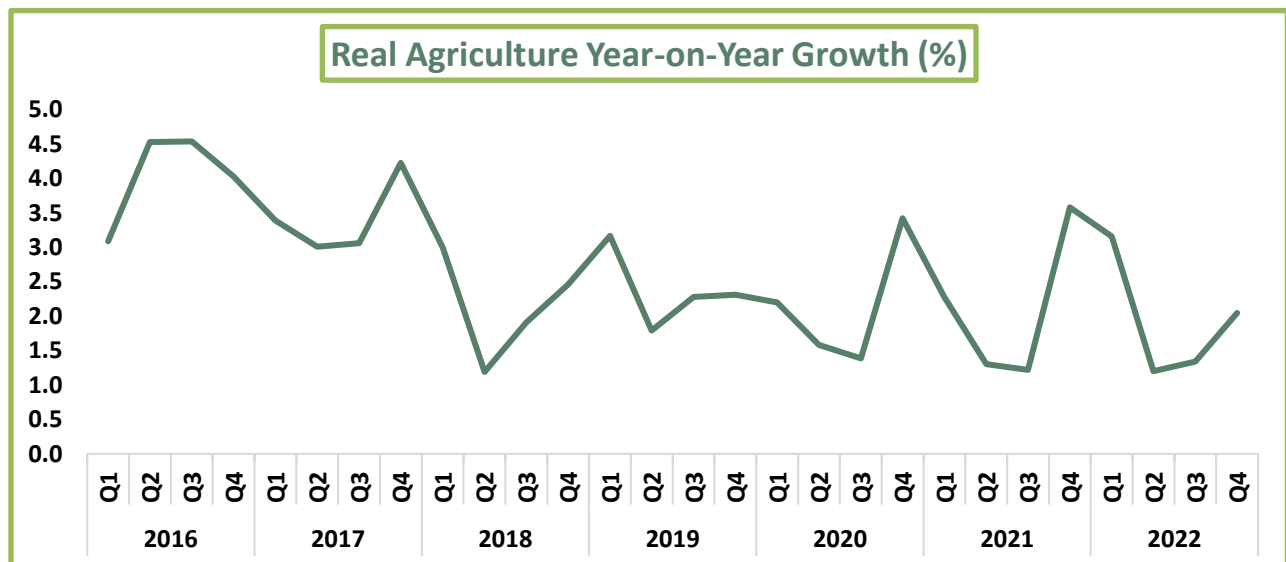


Figure 5: Mining and Quarrying real growth

# Agriculture

Four sub-activities make up the Agricultural sector: Crop Production, Livestock, Forestry and Fishing. The sector grew by 18.67% year-on-year in nominal terms in Q4 2022, showing an increase of 5.81% points from the same quarter of 2021. Looking at the preceding quarter's growth rate of 20.07%, there was a decrease of 1.40% points. Crop Production remained the major driver of the sector. This is evident as it accounts for 91.58% of the overall nominal value of the sector in the fourth quarter of 2022.

Quarter-on-Quarter growth stood at -1.81% in the fourth quarter of 2022. Agriculture contributed 24.90% to nominal GDP in the fourth quarter of 2022. This figure was higher than the rate recorded in the fourth quarter of 2021 and lower than the third quarter of 2022 which recorded 24.17% and 27.55% respectively. Overall, in real terms, the sector recorded the contribution of 24.05% in 2022.



**Figure 6: Agriculture real growth**

The agricultural sector in the fourth quarter of 2022 grew by 2.05% (year-on-year) in real terms, a decrease of 1.53% points from the corresponding period of 2021, and an increase of 0.71% points from the preceding quarter which recorded a growth rate of 1.34%. It grew on a quarter-on-quarter basis at -1.01%. Overall, in 2022 growth rate of the sector stood at 1.88%, lower than the 2.13% reported in 2021.

However, the sector contributed 26.46% to overall GDP in real terms in Q4 2022, lower than the contribution in the fourth quarter of 2021 and lower than the third quarter of 2022 which stood at 26.84% and 29.67% respectively. The total contribution of the agriculture sector in 2022 was 25.58%.

# 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 fourth quarter of 2022 was recorded at 8.86% (year-on-year), 16.66% points lower than the figure recorded in the corresponding period of 2021 (25.52%) and 6.66% points higher than the preceding quarter figure of 2.20%. Quarter-on-Quarter, growth of the sector was recorded at 6.55% during the quarter. Overall, the growth of the sector in 2022 stood at 6.93%, lower than the 31.66% reported in 2021. The contribution of Manufacturing to Nominal GDP in the fourth quarter of 2022 was 13.49%, lower than the figure recorded in the corresponding period of 2021 at 14.28% and lower than the third quarter of 2022 at 13.75%. However, the total contribution of the sector in 2022 in nominal terms stood at 13.80%.

Real GDP growth in the manufacturing sector in the fourth quarter of 2022 was 2.83% (year-on-year), higher than the same quarter of 2021 and higher than the preceding quarter by 0.55% points and 4.74% points respectively. The growth rate of the sector on a quarter-on-quarter basis stood at 8.57%. Overall, the growth rate of Manufacturing in 2022 stood at 2.45%. The Real contribution to GDP in the 2022 fourth quarter was 8.40%, lower than the 8.46% recorded in the fourth quarter of 2021 and lower than the 8.59% recorded in the third quarter of 2022.



Figure 7: Manufacturing real growth

# Electricity, Gas, Steam and Air Conditioning Supply

The Electricity, Gas, Steam and Air conditioning Supply sector recorded a year-on-year growth of 22.41% in the fourth quarter of 2022. This was 4.30% points higher than the 18.12% growth rate recorded in the corresponding quarter of 2021, and 25.48% points higher than the growth rate of -3.07% recorded in the quarter before. Quarter-on-Quarter, the sector recorded a growth rate of 64.50% in Q4 2022. Overall, the sector grew by 2.88% in 2022, lower than the 51.83% reported in 2021. The contribution of Electricity, Gas, Steam and Air Conditioning Supply to Nominal GDP in the fourth quarter of 2022 was 1.09%, higher than the contribution made in the corresponding quarter of 2021 at 1.02% and higher than its contribution of 0.72% in the quarter before. The total contribution of the sector in 2022 stood at 0.90%.

In real terms, the sector grew by 15.22% in Q4 2022, an increase from the growth rate of 2.78% recorded in the same quarter of 2021. When compared to the immediate past quarter, there was an increase of 18.78% points from -3.56% recorded. On a Quarter-on-Quarter, the sector grew at a rate of 55.54%. Overall, the sector grew in real terms by -2.21% in 2022. The contribution of this sector to real GDP in the fourth quarter of 2022 was 0.53%, higher than the 0.47% recorded in Q4 2021. Moreover, the figure in 2022 was higher than the 0.38% recorded in Q3 2022. The total contribution of the sector in real terms in 2022 stood at 0.45%.

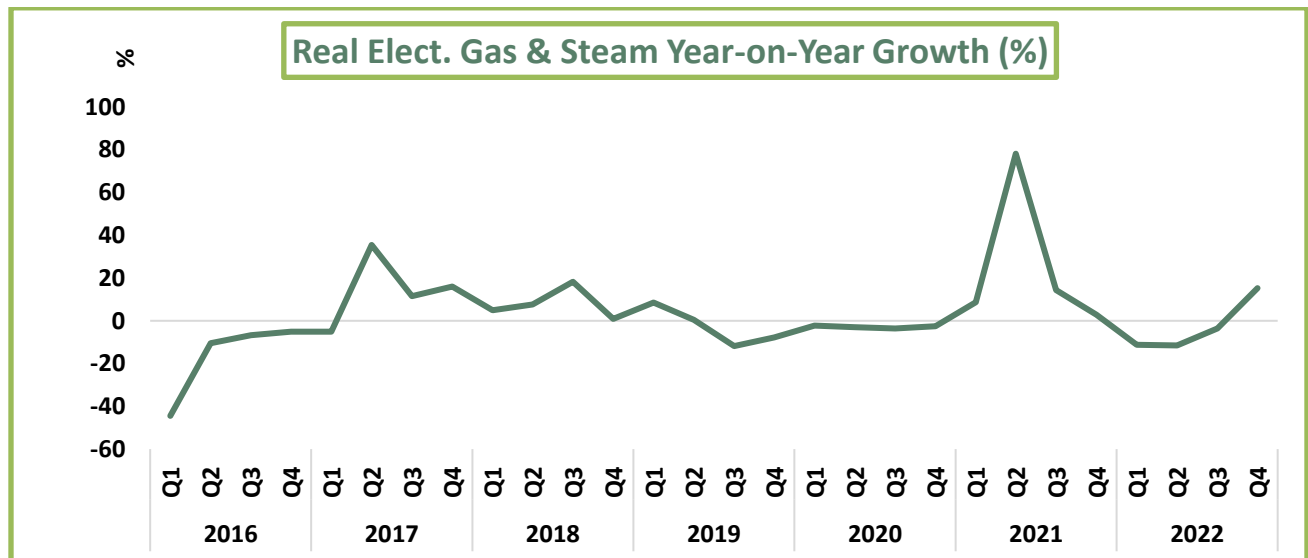


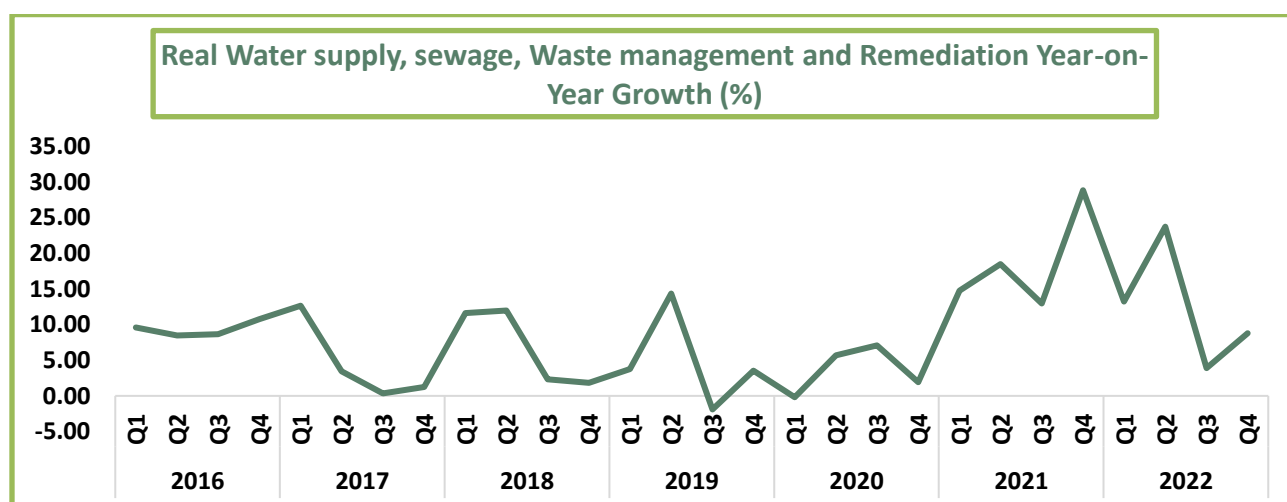
Figure 8: Electricity, Gas and Steam real growth

# Water Supply, Sewerage, Waste Management and Remediation

This sector grew by 20.86% in nominal terms (year-on-year) in the 2022 fourth quarter, a fall of 29.88% points compared to the rate of 50.73% recorded in the same quarter of 2021. There was a decrease of 11.71% points when compared to the rate recorded in the preceding quarter. Nominal growth quarter-on-quarter was recorded at -13.25%. Overall, the growth of the sector stood at 24.38% in 2022. The water Supply, Sewerage, Waste Management and Remediation sector contributed 0.24% to nominal GDP in the fourth quarter of 2022, higher than the 0.23% it contributed a year earlier and lower than the 0.30% contributed in the third quarter of 2022. The total contribution of the sector in nominal terms in 2022 was 0.32%.

The real growth rate of the Water Supply, Sewerage, Waste Management and Remediation sector in the fourth quarter of 2022 was recorded at 8.81% (year-on-year), lower by 20.03% points from the rate recorded in the previous year. Relative to the preceding quarter, there was an increase of 4.92% points. Quarter-on-quarter, the sector grew by -0.41% in real terms. Overall, the sector grew by 13.62% in 2022, lower than the 18.34% reported in 2021.

Its contribution to total real GDP was 0.17% in the fourth quarter of 2022; higher than its contribution of 0.16% in the same quarter of the previous year, and lower than the immediate past quarter where it contributed 0.19%. The total contribution of the sector in real terms in 2022 stood at 0.23%.



**Figure 9: Water Supply, Sewerage, Waste Management and Remediation real growth**

# Construction

The Construction sector grew by 17.14% in nominal terms (year-on-year) in the 2022 fourth quarter, a drop of 17.39% points compared to the rate of 34.53% recorded in the same quarter of 2021. There was a decrease of 1.78% points when compared to the rate recorded in the preceding quarter. Nominal growth quarter-on-quarter was recorded at 16.10%. Overall, the sector grew by 12.72% in 2022. Construction contributed 10.16% to nominal GDP in the fourth quarter of 2022, higher than the 9.99% it contributed a year earlier and higher than the 9.50% contributed to the third quarter of 2022. The total contribution of the sector in nominal terms in 2022 stood at 9.38%.

The real growth rate of the construction sector in the fourth quarter of 2022 was recorded at 3.80% (year-on-year), higher by 0.35% points from the rate recorded in the previous year. Relative to the preceding quarter, there was a decrease of 1.71% points. Quarter-on-quarter, the sector grew by 15.90% in real terms. Overall, the sector grew by 4.54% in real terms in 2022.

Its contribution to total real GDP was 3.47% in the fourth quarter of 2022; higher than its contribution of 3.46% in the same quarter of the previous year, and higher than in the immediate past quarter where it contributed 3.32%. The total contribution of the sector in real terms in 2022 stood at 3.54%.

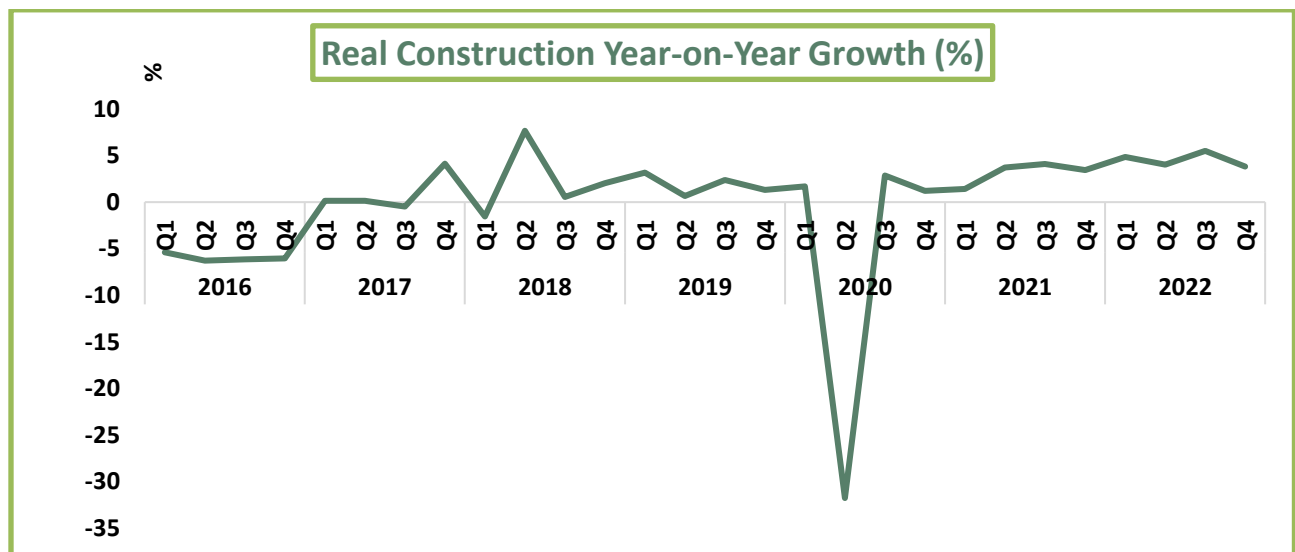
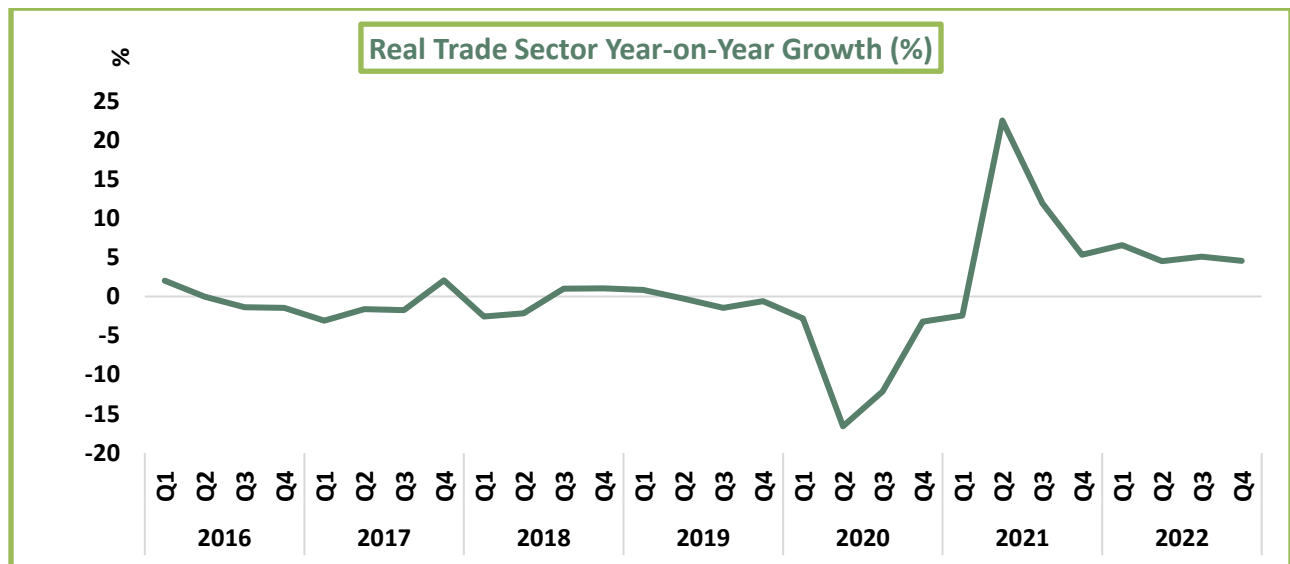


Figure 10: Construction real growth

# Trade

In the fourth quarter of 2022, the nominal year-on-year growth rate of Trade stood at 14.82%. This indicates an increase of 8.80% points when compared to the fourth quarter of 2021 growth rate of 6.01% and 1.64% points higher than the previous quarter's growth rate of 13.17%. The quarter-on-quarter growth rate was 15.16%. Overall, the sector grew by 14.25% in 2022, higher than the 10.34% reported in 2021. Trade's contribution to Nominal GDP in the fourth quarter of 2022 was 13.20%, lower than the contribution in the same quarter of the previous year of 13.25%, and higher than the preceding quarter recorded at 12.45%. The total contribution of the sector in nominal terms in 2022 stood at 13.35%, lower than the 13.42% reported in 2021.



**Figure 11: Trade real growth**

In real terms, Trade's year-on-year growth stood at 4.54% in the fourth quarter of 2022, which was 0.80% points lower than the rate recorded in the previous year at 5.34%, and 0.54% points lower than in the preceding quarter at 5.08% growth rate. Quarter-on-quarter growth stood at 14.41%. This growth was higher than the quarter-on-quarter growth recorded in the third quarter of 2022 at 0.13%. Overall, the sector grew by 5.13% in 2022. Trade's contribution to GDP was 15.82%, higher than the 15.66% it represented in the previous year, and higher than the 15.35% recorded in the 2022 third quarter. The total contribution of the sector in real terms in 2022 stood at 16.00%.



# Accommodation and Food Services

In nominal terms, Accommodation and Food Services grew by 25.56% year -on- year in 2022 fourth quarter. This represents an increase of 23.90% points relative to the same quarter of 2021 when the growth rate was 1.66%. Growth was higher than in the preceding quarter by 3.42% points when growth was 22.15%. Quarter-on-quarter growth stood at 14.89%. Overall, the sector grew by 18.11% in 2022. Accommodation and Food Services contribution to nominal GDP stood at 0.96% in the fourth quarter of 2022, higher than the figure recorded in the previous year and higher than the third quarter of 2022 contribution recorded at 0.88% and 0.90% respectively. The total contribution of the sector in nominal terms in 2022 stood at 0.88%, higher than the 0.86% reported in 2021.

The real year-on-year growth rate for this sector in the 2022 fourth quarter stood at 5.12%, higher by 3.85% points from 1.27% recorded in the previous year. Relative to the preceding quarter, the growth rate was 1.65% points lower than the 6.77% recorded. Quarter-on-quarter, real growth was 23.12%. The annual growth rate of the sector stood at 4.22% in 2022. The sector in the fourth quarter of 2022 represented 0.79% of the real GDP, which was higher than the contribution of 0.78% recorded in the fourth quarter of 2021 and higher than the third quarter of 2022 contribution of 0.72%. The total contribution of the sector in real terms in 2022 stood at 0.73%.

# 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 33.67% in nominal terms in the fourth quarter of 2022 (year-on-year). This rate was higher relative to the figure of 23.14% recorded for the corresponding quarter of 2021 and lower than 39.64% in the previous quarter. All six sub-activities under the Transport and Storage industry recorded positive growth rates in the fourth quarter of 2022. Quarter-on-Quarter growth stood at 34.01%. Overall, the sector grew by 27.06% in 2022. Transport activities contributed 2.33% to Nominal GDP in Q4 2022, an increase from the 2.01% recorded in the corresponding period of 2021, and higher than the 1.89% recorded in the third quarter of 2022.

In real terms, the Transportation and Storage sector grew by 0.78% in Q4 2022. This rate represents a decrease of 28.94% points relative to the same quarter of the previous year and a decrease of 40.81% points relative to the preceding quarter. Quarter-on-Quarter, growth was 32.70%. Overall, the sector grew by 15.20% in real terms in 2022. The contribution of the sector to real GDP in the Q4 of 2022 was 1.61%, a fall from 1.65% recorded in the preceding year and higher than 1.34% recorded in the third quarter of 2022. The total contribution of the sector in real terms in 2022 stood at 1.48%.

# Information & Communication

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

In nominal terms, in the fourth quarter of 2022, the sector growth was recorded at 21.41% (year-on-year), a 15.70% points increase from the rate of 5.70% recorded in the same quarter of 2021, and 1.09% points higher than the rate recorded in the preceding quarter. The Quarter-on-Quarter growth rate recorded in the fourth quarter of 2022 was 18.16%. Overall, the sector grew by 19.00% in 2022. The Information and Communications sector contributed 10.42% to the total Nominal GDP in the 2022 fourth quarter, higher than the rate of 9.88% recorded in the same quarter of 2021 and higher than the 9.58% it contributed in the preceding quarter. The total contribution of the sector in nominal terms in 2022 stood at 10.61%, higher than the 10.24% reported in 2021.

The sector in the fourth quarter of 2022 recorded a growth rate of 10.35% in real terms, year-on-year. From the rate recorded in the corresponding period of 2021, there was an increase of 5.32% points. On a Quarter-on-Quarter, the sector exhibited a growth of 17.23% in real terms. Overall, the sector grew by 9.76% in 2022. Of total real GDP, the sector contributed 16.22% in the 2022 fourth quarter, higher than in the same quarter of the previous year in which it represented 15.21% and higher than the preceding quarter in which it represented 15.35%. The total contribution of the sector in real terms in 2022 stood at 16.51%, higher than the 15.51% reported in 2021.

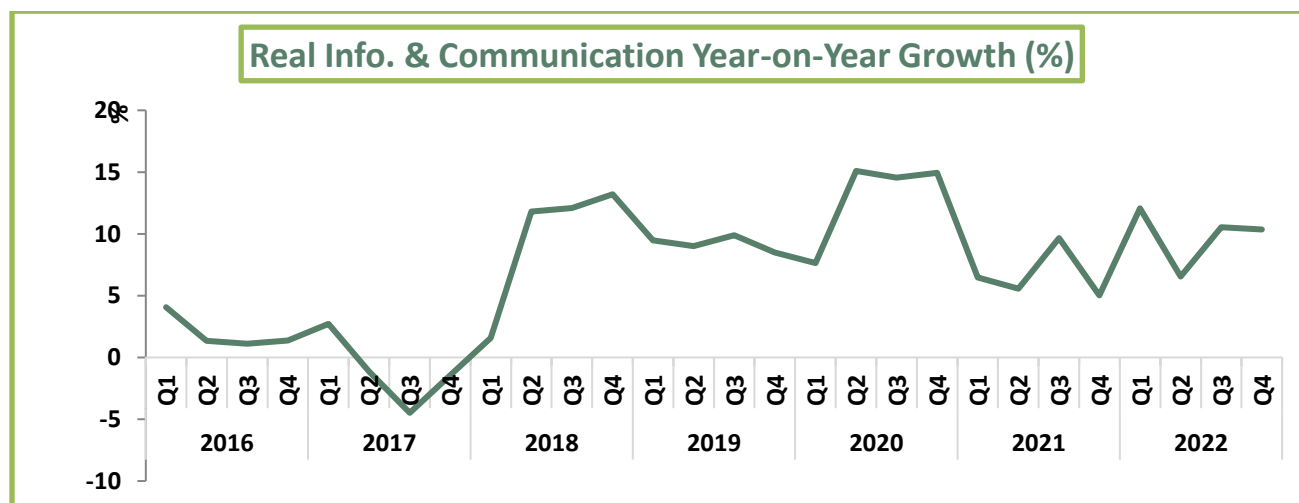


Figure 12: Information and Communication real growth rate

# Arts, Entertainment and Recreation

In Nominal terms, the growth of Arts, Entertainment and Recreation sector was 23.11% in the fourth quarter of 2022 (year-on-year), representing an increase of 0.37% points relative to the preceding quarter's growth rate of 22.74% and an increase of 18.17% points compared with the year-earlier growth rate of 4.94%. On a quarterly basis, growth was recorded at 18.00%, higher than the quarter-on-quarter growth of Q3 2022 recorded at 4.19%. Overall, the sector grew by 18.30% in 2022. The activity contributed 0.15% to the total nominal GDP in the fourth quarter of 2022. This contribution was higher than the 0.14% it contributed in Q4 of 2021 and higher than the 0.14% it contributed in Q3 of 2022. The total contribution of the sector in nominal terms in 2022 stood at 0.17%, higher than the 0.16% reported in 2021.

In real terms, the activity grew by 7.52% year-on-year which was higher than the rate recorded in Q4 2021 by 3.22% points, and lower by 0.26% points when compared with that of the preceding quarter. Quarter-on-Quarter, growth stood at 17.23% in real terms. The annual growth rate of the sector in real terms in 2022 stood at 4.29%. Overall, Art, Entertainment and Recreation contributed 0.21% to real GDP in Q4 2022, slightly higher than the 0.20% recorded in the same quarter of 2021 and higher than the 0.19% recorded in the third quarter of 2022. The total contribution of the sector in real terms in 2022 stood at 0.22%, relatively the same as the 0.22% reported in 2021.

# Real Estate Services

In nominal terms, Real Estate Services in the fourth quarter of 2022 grew by 10.61%, higher by 7.13% points than the growth rate reported for the same period in 2021 and higher by 1.48% points compared to the preceding Quarter. On a Quarter-on-Quarter, the sector growth rate was 22.95%. The annual growth rate of the sector was 10.75% in 2022. The contribution to nominal GDP in Q4 2022 stood at 5.62%, relative to 5.85% recorded in the fourth quarter of 2021 and 4.96% in the third quarter of 2022. The total contribution of the sector in nominal terms in 2022 stood at 5.14%.

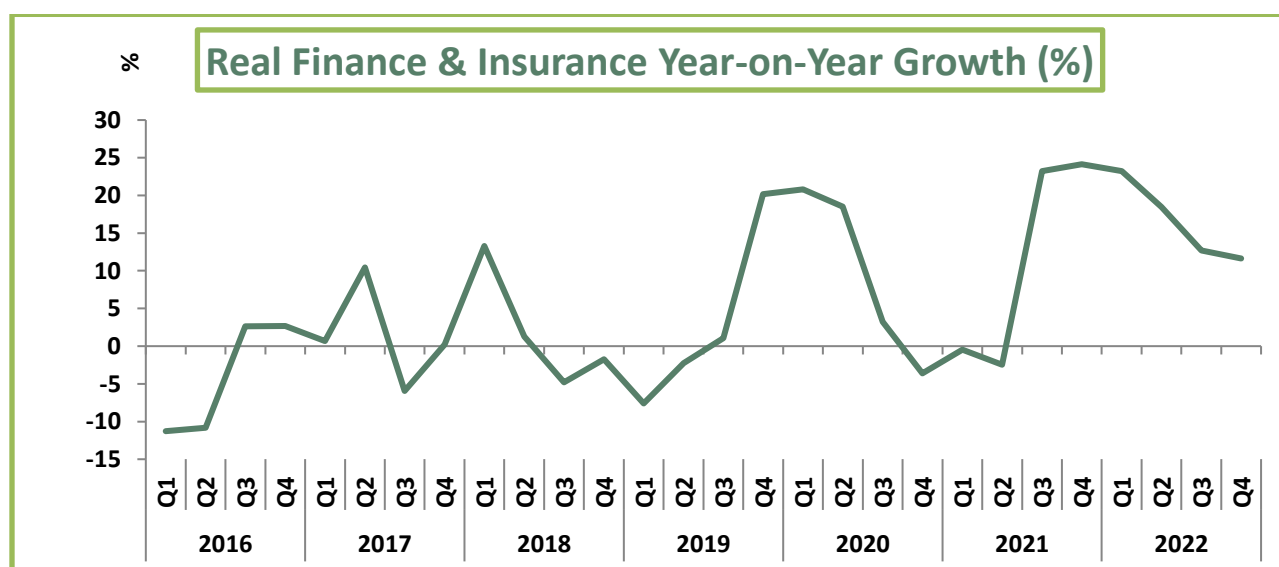
Real GDP growth recorded in the sector for the fourth quarter of 2022 stood at 2.78%, higher than the growth recorded in the fourth quarter of 2021 by 1.31% points, and lower by 1.78% points relative to Q3 2022. On a Quarter-on-quarter, the sector grew by 22.29% in the fourth quarter of 2022. Overall, a growth of 3.95% was recorded in 2022. It contributed 6.18% to real GDP in Q4 2022, lower than the 6.23% it recorded in the corresponding quarter of 2021. The total contribution of the sector in real terms in 2022 stood at 5.64%, higher than the 5.60% reported in 2021.

# Finance and Insurance

The Finance and Insurance Sector consists of the two subsectors, Financial Institutions and Insurance, in which the former accounted for 92.84% and the later 7.16% of the sector respectively in real terms in Q4 2022.

As a whole, the sector grew at 22.58% in nominal terms (year-on-year), with the growth rate of Financial Institutions at 23.46% and a 12.25% growth rate recorded for Insurance. The overall rate was lower than Q4 2021 by 2.34% points, and higher by 1.21% points than the preceding quarter. The Quarter-on-Quarter growth was 26.59%. Overall, the sector grew by 26.42% in 2022. The sector's contribution to the nominal GDP was 3.30% in Q4 2022, higher than the 3.10% it represented a year previous, and higher than the contribution of 2.83% it made in the preceding quarter. The total contribution of the sector in nominal terms in 2022 stood at 3.36%, higher than the 3.05% reported in 2021.

Growth in this sector in real terms totaled 11.61%, lower by 12.52% points from the rate recorded in the 2021 fourth quarter and lower by 1.08% points from the rate recorded in the preceding quarter. Quarter-on-Quarter growth in real terms stood at 25.77%. The growth rate of the sector in real terms in 2022 was 16.36%. The contribution of Finance and Insurance to real GDP totalled 3.95%, higher than the contribution of 3.66% recorded in the fourth quarter of 2021 by 0.29% points, and higher than 3.49% recorded in Q3 2022 by 0.46% points.



**Figure 13: Finance and Insurance real growth**

# Professional, Scientific and Technical Services

In the fourth quarter of 2022, Professional, Scientific and Technical Services recorded a nominal growth of 13.03% (year-on-year), which is 10.88% points higher than Q4 2021, and 2.93% points higher than the rate recorded in Q3 2022. Quarter-on-Quarter, the sector grew by 15.44%. The growth of the sector in 2022 was 11.14%. The contribution of Professional, Scientific and Technical Services to nominal GDP was 2.78% in Q4 2022, down from the 2.84% contribution in Q4 2021 and up from the 2.62% recorded in Q3 2022. The total contribution of the sector in nominal terms in 2022 stood at 2.68%, lower than the 2.77% reported in 2021.

Real growth in the sector was recorded at 2.92% in Q4 2022, an increase of 1.41% points relative to the rate recorded in the corresponding period of 2021, and 0.69% points higher than that of Q3 2022. On a quarter-on-quarter basis, the sector grew by 14.70% in Q4 2022. The growth of the sector in 2022 stood at 2.28%. Professional, Scientific and Technical Services contributed 3.34% to aggregate GDP in Q4 2022, lower than the contribution of 3.35% in Q4 2021 and higher than the 3.23% recorded in Q3 2022. The total contribution of the sector in real terms in 2022 stood at 3.22%.

# Administrative and Support Services

In nominal terms, the Administrative and Support Services sector grew by 12.96% (year-on-year) in Q4 2022, higher by 9.61% points compared to the fourth quarter of 2021 and higher by 1.04% points than the growth rate in the previous quarter. Quarter-on-Quarter, the growth rate in the sector was -5.15% in Q4 2022. Overall, the sector grew by 12.07% in 2022. The contribution of Administrative and Support Services to nominal GDP was 0.02% in Q4 2022, relatively the same as the 0.02% it contributed in the same period in 2021 and the 0.02% it contributed in the preceding quarter. The total contribution of the sector in nominal terms in 2022 stood at 0.02%.

In real terms, the sector recorded a growth rate of 2.86% (year-on-year), an increase of 0.16% points from the corresponding quarter of 2021 and a decrease of 1.07% points from the rate recorded in Q3 2022. Quarter-on-Quarter, the sector grew by -5.76% in Q4 2022. The annual growth of the sector in 2022 stood at 3.16%. The sector's contribution to real GDP was 0.02% in the 2022 fourth quarter, roughly unchanged from the corresponding quarter in 2021 and 2022 third quarter. The total contribution of the sector in real terms in 2022 stood at 0.02%.

# Public Administration

In nominal terms, the Public Administration sector grew by 11.40% in Q4 2022, higher by 9.63% points from the corresponding quarter of 2021 and higher by 1.20% points relative to Q3 2022. Quarter-on-Quarter, the sector grew by 15.54%. However, annual growth in 2022 stood at 10.82%. The contribution of Public Administration to Nominal GDP stood at 1.77% in Q4 2022, lower than the 1.83% recorded in Q4 2021 by 0.06% points and higher than the 1.67% recorded in Q3 2022 by 0.11% points. The total contribution of the sector in nominal terms in 2022 stood at 1.67%, lower than the 1.73% reported in 2021.

In real terms, the sector recorded a growth rate of 1.43% (year-on-year) in Q4 2022, higher by 0.31% points and lower by 0.89% points from the Q4 2021 rate and the Q3 2022 rate respectively. On Quarter-on-Quarter, the sector grew by 14.79% in Q4 2022. Overall, the sector grew by 1.90% in real terms in 2022. The contribution of Public Administration to real GDP stood at 2.12% in Q4 2022, lower than the 2.17% recorded in Q4 2021 and higher than 2.05% in Q3 2022. The total contribution of the sector in real terms in 2022 stood at 2.00%, lower than the 2.03% reported in 2021.

# Education

Nominal growth in the Education sector in the fourth quarter of 2022 was 10.47% (year-on-year), up by 8.53% points from the growth of 1.93% reported in the corresponding quarter of 2021, and up by 5.15% points when compared to Q3 2022 growth rate of 5.31%. The Quarter-on-Quarter growth rate was 38.78%. The annual growth rate of 2022 stood at 7.80%. The contribution of Education to nominal GDP in Q4 2022 was 1.78%; down from 1.86% estimated in Q4 2021 and up from 1.40% in Q3 2022. The total contribution of the sector in nominal terms in 2022 stood at 1.52%, lower than the 1.62% reported in 2021.

Real growth in Education year-on-year stood at 1.23% in Q4 2022; a decrease of 0.19% points from the corresponding quarter of 2021 which was estimated at 1.42%. When compared with the previous quarter's rate of 1.10%, the sector's growth increased by 0.13% points. Moreover, an annual growth rate of 1.35% was recorded in 2022. The Sector contributed 2.08% to total real GDP in Q4 2022 which was lower than the 2.13% reported for the corresponding quarter in 2021 and higher than the 1.68% recorded in Q3 2022. The total contribution of the sector in real terms in 2022 stood at 1.77%, lower than the 1.80% reported in 2021.

# Human Health and Social Services

The year-on-year growth rate for Human Health and Social Services in nominal terms was 14.87%, up relative to the growth rate of 5.69% reported in the same quarter of 2021 by 9.18% points and down by 0.48% points compared to Q3 2022. Quarter-on-Quarter growth was -0.03%. The annual growth rate of the sector was 14.31% in 2022. The contribution to nominal GDP was 0.54% in Q4 2022, lower than the 0.55% recorded in Q4 2021 and down from the 0.59% recorded in Q3 2022. The total contribution of the sector in nominal terms in 2022 stood at 0.60%, relatively the same as the 0.60% reported in 2021.

Real GDP growth of Human Health and Social Services for Q4 2022 stood at 4.20% (year-on-year) compared to 5.14% for the corresponding period of 2021 which shows a fall of 0.93% points. The growth in Q4 2022 was lower than the growth recorded in Q3 2022 by 0.38% points. Quarter-on-Quarter, this sector grew by 3.88%. Overall, the growth rate of the sector in 2022 was 4.20%. The contribution of Human Health and Social Services to real GDP was 0.66% in Q4 2022, relatively the same as the figure recorded in Q4 2021 and lower than the 0.71% recorded for the preceding quarter. The total contribution of the sector in real terms in 2022 stood at 0.71%.

## Other Services

In nominal terms, Other Services grew by 9.90% (year-on-year) in Q4 2022. This growth rate was higher than the 2.28% growth rate recorded in the same quarter of the previous year and higher than the growth rate of 4.82% in Q3 2022 by 7.62% points and 5.07% points respectively. Quarter-on-Quarter growth was 64.32%. Moreover, an annual growth rate of 9.78% was recorded in 2022. This sector contributed 2.73% to the aggregate nominal GDP in Q4 2022, lower than the 2.86% it contributed in the same period of the previous year and higher than the 1.81% it contributed in the preceding quarter. The total contribution of the sector in nominal terms in 2022 stood at 2.55%.

Other Services' real GDP grew by 0.06% (year-on-year) in Q4 2022. This growth was lower by 1.57% points than the growth recorded in the same period of the previous year, and higher by 2.73% points from Q3 2022. Quarter-on-Quarter growth was 63.27%. The annual growth rate of the sector in 2022 stood at 1.07%. The sector contributed 3.27% to real GDP in Q4 2022, lower than the 3.39% recorded for the corresponding quarter of 2021 and higher than the 2.23% recorded in Q3 2022.

**For the Methodological notes, please see the link below:**

<https://nigerianstat.gov.ng/page/gdp-methodology>

# Appendix



**Table 1: Gross Domestic Product At Current Basic Prices (=N=Million)**

Gross Domestic Product At Current Basic Prices (=N=Million)	2021					2022				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
ACTIVITY SECTOR										
AGRICULTURE										
1. Crop Production	7,218,298.07	7,553,534.55	10,962,877.50	10,614,696.75	36,349,406.86	8,129,293.83	8,655,035.77	13,241,327.86	12,651,675.61	42,677,333.07
2. Livestock	613,715.30	508,074.08	517,773.35	609,777.04	2,249,339.76	656,786.89	584,406.34	630,422.68	748,677.41	2,620,293.32
3. Forestry	73,327.72	75,767.01	70,037.83	77,823.39	296,955.94	75,512.63	88,251.58	83,161.96	101,909.39	348,835.55
4. Fishing	663,986.70	519,932.27	437,893.38	608,543.52	2,230,355.87	697,396.20	527,033.50	440,351.93	632,819.22	2,297,600.85
MINING AND QUARRYING										
5. Crude Petroleum and Natural Gas	2,822,468.96	2,264,104.41	2,554,861.14	1,994,583.41	9,636,017.92	3,553,410.35	3,385,135.81	3,348,492.32	1,685,719.57	11,972,758.05
6. Coal Mining	3,775.75	7,439.85	1,186.38	3,933.10	16,335.08	4,249.96	12,724.22	819.25	4,406.20	22,199.63
7. Metal Ores	7,612.96	3,574.82	3,845.88	2,523.98	17,557.64	11,706.62	3,036.34	5,825.42	3,097.33	23,665.71
8. Quarrying and Other Minerals	3,519.87	189,022.84	289,766.73	585,362.01	1,067,671.45	4,115.75	289,131.43	470,930.10	865,464.14	1,629,641.42
MANUFACTURING										
9. Oil Refining	5,022.41	7,806.59	6,767.84	11,717.21	31,314.05	2,633.52	4,557.15	3,950.82	8,421.14	19,562.63
10. Cement	1,289,276.14	1,118,169.46	1,711,450.34	1,550,357.11	5,669,253.05	1,519,671.81	1,186,574.31	1,865,187.75	1,687,533.85	6,258,967.72
11. Food, Beverage and Tobacco	2,068,892.37	1,938,136.64	2,294,199.23	2,306,429.90	8,607,658.15	2,419,597.95	2,105,474.11	2,208,275.71	2,625,291.39	9,358,639.15
12. Textile, Apparel and Footwear	1,322,158.67	1,178,726.31	1,351,972.71	1,549,842.78	5,402,700.47	1,324,869.88	1,183,279.38	1,322,013.18	1,563,630.31	5,393,792.75
13. Wood and Wood Products	127,046.79	107,588.39	126,577.21	124,519.19	485,731.58	139,994.03	115,877.62	140,757.15	138,559.79	535,188.59
14. Pulp, Paper and Paper Products	91,340.25	70,725.67	96,474.33	105,391.12	363,931.36	92,270.38	71,923.79	92,938.85	107,555.85	364,688.88
15. Chemical and Pharmaceutical Products	126,199.01	149,281.56	168,538.76	160,490.39	604,509.72	144,935.43	160,956.43	188,953.53	175,075.22	669,920.61
16. Non-Metallic Products	406,280.71	346,179.89	448,440.90	448,103.88	1,649,005.37	446,113.76	361,008.92	481,660.63	482,730.74	1,771,514.04
17. Plastic and Rubber products	162,118.06	145,343.64	199,188.29	179,847.26	686,497.25	177,708.46	157,100.48	192,712.84	202,700.68	730,222.46
18. Electrical and Electronics	3,421.78	3,761.58	4,852.35	5,259.13	17,294.84	3,434.18	3,777.49	5,261.18	5,426.49	17,899.34
19. Basic metal, Iron and Steel	103,915.58	96,999.16	143,310.45	126,555.59	470,780.79	114,354.32	107,134.50	159,583.13	147,553.91	528,625.87
20. Motor vehicles & assembly	234,061.75	255,306.10	255,295.10	272,818.32	1,017,481.27	255,643.27	242,953.83	269,914.73	293,060.12	1,061,571.95
21. Other Manufacturing	170,911.73	129,443.59	225,793.93	193,561.43	719,710.68	185,350.53	135,784.56	256,088.44	220,699.36	797,922.79
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	176,179.17	672,030.16	387,062.28	504,180.04	1,739,451.64	171,935.83	625,190.15	575,186.12	617,187.67	1,789,499.77
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	110,274.09	166,342.54	120,224.03	114,404.62	511,245.28	129,314.82	208,940.07	159,378.12	138,265.20	635,898.21
24. CONSTRUCTION	4,071,042.43	3,417,547.30	4,176,113.82	4,922,122.04	16,586,825.59	4,388,844.77	3,575,678.25	4,966,409.75	5,765,875.45	18,696,808.23
25. TRADE	5,385,012.11	5,625,786.46	5,750,484.72	6,527,148.58	23,288,431.87	6,158,796.85	6,446,652.94	6,507,898.74	7,494,195.23	26,607,543.76
26. ACCOMMODATION AND FOOD SERVICES	478,592.75	193,496.57	386,297.83	431,755.47	1,490,142.62	510,016.02	235,968.82	471,859.41	542,132.10	1,759,976.34
TRANSPORTATION AND STORAGE										
27. Road Transport	788,038.48	764,485.55	602,942.35	887,378.76	3,042,845.14	615,595.82	1,194,853.78	869,927.25	1,195,871.38	3,876,248.23
28. Rail Transport & Pipelines	36.17	63.90	66.91	167.90	334.88	87.06	42.65	50.57	189.79	370.08
29. Water Transport	1,581.32	2,157.29	3,227.28	2,439.86	9,405.75	1,815.74	2,377.69	4,136.14	3,214.45	11,544.02
30. Air Transport	53,837.91	26,534.60	66,273.99	59,893.24	206,539.74	84,725.37	32,652.26	73,442.25	77,848.09	268,667.97
31. Transport Services	12,698.03	20,628.88	29,149.23	31,641.04	94,117.18	14,780.78	23,330.72	33,670.94	35,957.58	107,740.02
32. Post and Courier Services	9,553.61	3,365.67	4,396.12	6,958.00	24,273.41	10,011.04	3,900.21	4,708.85	8,198.43	26,818.53
INFORMATION AND COMMUNICATION										
33. Telecommunications & Information Services	3,005,814.62	3,752,656.63	3,421,666.94	3,939,216.66	14,119,354.84	3,666,357.65	4,272,943.37	4,055,779.02	4,783,642.38	16,778,722.43
34. Publishing,	9,673.51	8,282.78	8,042.82	9,137.48	35,136.59	10,074.66	8,683.42	9,184.92	9,826.24	37,769.25
34. Motion Pictures, Sound recording and Music production	389,995.53	294,125.22	298,825.90	338,434.03	1,321,380.69	452,271.41	312,721.05	416,536.60	405,144.47	1,586,673.53
36. Broadcasting	559,521.08	724,924.77	430,788.42	583,912.71	2,299,146.99	650,758.17	860,219.82	522,808.73	714,721.54	2,748,508.27
37. ARTS, ENTERTAINMENT AND RECREATION	88,779.18	62,551.81	60,132.34	70,745.54	282,208.88	102,105.96	70,839.32	73,804.96	87,091.96	333,842.21
FINANCIAL AND INSURANCE										
38. Financial Institutions	1,138,899.88	1,104,223.47	1,102,355.73	1,406,907.20	4,752,386.28	1,533,489.02	1,453,543.46	1,330,035.87	1,736,916.16	6,053,984.51
39. Insurance	161,900.34	151,666.37	115,367.30	119,388.01	548,322.02	187,291.04	177,873.31	147,966.70	134,016.50	647,147.55
40. REAL ESTATE	2,013,073.29	1,975,873.04	2,377,113.20	2,883,588.92	9,249,648.45	2,231,219.85	2,229,075.17	2,594,156.76	3,189,532.26	10,243,984.05
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	1,128,109.11	1,043,691.05	1,243,225.22	1,397,925.94	4,812,951.32	1,233,327.46	1,166,739.31	1,368,750.43	1,580,081.55	5,348,898.74
42. ADMINISTRATIVE & SUPPORT SERVICES	6,695.41	7,020.61	8,457.14	7,948.04	30,121.20	7,454.96	7,856.42	9,465.81	8,978.49	33,755.68
43. PUBLIC ADMINISTRATION	570,388.51	744,995.66	789,843.40	902,757.84	3,007,985.40	624,050.46	833,219.38	870,433.90	1,005,684.16	3,333,387.90
44. EDUCATION	698,772.61	497,393.21	692,534.78	916,271.52	2,804,972.12	753,864.54	528,364.66	729,333.52	1,012,181.42	3,023,744.14
45. HUMAN HEALTH AND SOCIAL SERVICES	241,879.49	264,846.06	267,573.29	268,620.72	1,042,919.56	274,172.68	300,803.33	308,659.47	308,568.30	1,192,203.78
46. OTHER SERVICES	1,396,783.55	930,105.31	900,179.39	1,410,937.57	4,638,005.82	1,546,411.61	1,050,893.77	943,595.32	1,550,561.42	5,091,462.13
GDP Current Basic Price	40,014,482.74	39,123,713.32	45,113,448.06	49,276,018.23	173,527,662.34	45,317,823.33	45,004,520.89	52,255,809.62	56,757,889.95	199,336,043.78
Net Indirect Taxes on Products	493,202.83	491,124.94	736,833.08	826,678.68	2,547,839.52	584,819.60	500,764.54	920,704.73	1,022,694.13	3,028,983.01
GDP Current Market Price	40,507,685.57	39,614,838.25	45,850,281.13	50,102,696.91	176,075,501.87	45,902,642.93	45,505,285.43	53,176,514.35	57,780,584.07	202,365,026.79

**Table 2: Gross Domestic Product At 2010 Constant Basic Prices (=N=Million)**

Gross Domestic Product At 2010 Constant Basic Prices (=N=Million)										
	2021					2022				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
ACTIVITY SECTOR										
AGRICULTURE										
1. Crop Production	3,293,952.24	3,541,208.51	5,132,239.27	4,953,123.87	16,920,523.88	3,391,632.94	3,595,826.18	5,200,732.49	5,072,560.80	17,260,752.41
2. Livestock	301,748.19	290,343.90	298,262.67	349,860.60	1,240,215.35	318,498.25	282,017.19	302,895.62	344,308.35	1,247,719.41
3. Forestry	43,538.16	50,626.02	47,037.11	52,023.04	193,224.32	44,136.62	51,279.72	48,068.62	52,872.23	196,357.19
4. Fishing	121,642.02	87,518.73	73,401.81	101,888.31	384,450.87	125,464.12	88,300.57	73,665.61	98,813.51	386,243.80
MINING AND QUARRYING										
5. Crude Petroleum and Natural Gas	1,556,073.55	1,239,461.07	1,388,798.49	1,054,721.28	5,239,054.38	1,150,851.86	1,093,607.39	1,073,896.57	913,547.58	4,231,903.40
6. Coal Mining	1,845.67	3,524.45	544.66	1,796.92	7,711.70	1,606.34	4,795.28	307.79	1,483.61	8,193.02
7. Metal Ores	3,721.38	1,688.15	1,765.63	1,157.33	8,332.49	4,866.13	1,258.07	2,405.51	1,134.58	9,664.28
8. Quarrying and Other Minerals	421.08	20,881.87	29,736.73	60,055.17	111,094.85	363.29	25,507.27	41,515.51	74,277.96	141,664.02
MANUFACTURING										
9. Oil Refining	2,974.47	4,876.67	4,195.32	7,251.39	19,297.84	1,657.86	2,822.45	2,320.15	4,406.55	11,207.01
10. Cement	172,314.38	137,050.72	183,273.99	165,975.61	658,614.70	188,807.67	143,742.12	190,849.16	172,439.66	695,838.61
11. Food, Beverage and Tobacco	797,686.05	723,159.60	828,393.26	830,724.81	3,179,963.72	875,934.62	760,084.06	794,838.14	871,800.94	3,302,657.77
12. Textile, Apparel and Footwear	346,758.93	291,595.59	315,471.26	361,417.65	1,315,243.43	342,477.97	283,336.60	302,904.96	357,190.74	1,285,910.27
13. Wood and Wood Products	52,613.96	43,180.97	49,234.80	48,384.10	193,413.83	53,810.67	44,408.55	50,314.07	47,358.05	195,891.34
14. Pulp, Paper and Paper Products	13,576.70	9,538.14	12,739.96	12,891.50	48,746.29	13,383.40	9,703.52	12,212.16	12,728.89	48,027.97
15. Chemical and Pharmaceutical Products	38,747.36	43,339.30	46,266.33	44,024.71	172,377.69	42,749.98	47,367.24	51,398.16	47,133.02	188,648.39
16. Non-Metallic Products	61,337.76	47,621.30	56,208.53	56,147.52	221,315.11	63,515.82	49,241.38	58,456.58	58,493.25	229,707.02
17. Plastic and Rubber products	59,912.86	51,475.72	54,627.62	60,986.69	227,002.88	60,119.96	53,009.16	52,483.65	61,797.37	227,410.14
18. Electrical and Electronics	882.31	905.18	1,089.71	1,180.35	4,057.56	839.34	921.50	1,117.62	1,228.91	4,107.37
19. Basic metal , Iron and Steel	40,527.73	36,325.48	38,933.58	45,465.33	161,252.12	39,927.33	37,305.55	40,095.98	46,280.54	163,609.41
20. Motor vehicles & assembly	9,073.23	8,290.70	6,944.99	7,421.15	31,730.07	9,528.16	7,630.93	7,131.87	7,740.75	32,031.72
21. Other Manufacturing	73,987.96	54,151.86	63,184.48	77,918.07	269,242.36	76,067.44	55,549.00	64,779.42	79,938.95	276,344.82
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	36,842.84	134,193.78	73,802.24	96,084.56	340,923.42	32,717.00	118,789.83	71,176.46	110,708.40	333,391.70
23. WATER SUPPLY,SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	34,497.63	49,397.91	33,891.12	32,226.40	150,013.06	39,058.44	61,119.44	35,207.91	35,064.10	170,449.89
24. CONSTRUCTION	692,520.88	532,693.68	596,445.97	702,725.62	2,524,386.15	725,998.76	554,110.90	629,359.11	729,456.27	2,638,925.05
25. TRADE	2,626,861.27	2,780,511.10	2,769,060.99	3,184,462.25	11,360,895.61	2,798,775.76	2,905,993.30	2,909,773.02	3,329,158.93	11,943,701.02
26. ACCOMMODATION AND FOOD SERVICES	170,122.91	66,167.03	127,075.63	158,915.10	522,280.67	173,407.36	68,172.60	135,678.44	167,049.60	544,307.99
TRANSPORTATION AND STORAGE										
27. Road Transport	201,644.26	187,904.19	142,354.67	293,964.17	825,867.30	151,971.27	293,847.47	213,077.94	291,974.34	950,871.02
28. Rail Transport & Pipelines	18.24	32.08	33.44	84.23	167.99	40.96	19.92	23.44	87.44	171.76
29. Water Transport	746.20	1,013.42	1,509.27	1,150.73	4,419.62	802.77	1,044.06	1,803.20	1,393.40	5,043.43
30. Air Transport	16,764.47	7,913.31	18,929.21	19,406.25	63,013.24	25,260.21	9,690.24	21,689.74	22,902.05	79,542.24
31. Transport Services	6,560.28	10,622.57	14,960.59	16,311.34	48,454.78	7,112.07	11,142.94	15,956.28	16,934.46	51,145.74
32. Post and Courier Services	6,071.97	2,302.84	2,256.27	4,743.40	15,374.49	6,260.99	2,415.80	2,377.14	4,986.80	16,040.73
INFORMATION AND COMMUNICATION										
33. Telecommunications & Information Services	1,961,276.33	2,407,050.83	2,213,955.08	2,563,322.47	9,145,604.71	2,245,726.56	2,592,659.00	2,436,596.37	2,851,369.74	10,126,351.67
34. Publishing,	5,275.54	4,501.94	4,356.87	4,971.13	19,105.48	5,447.91	4,656.56	4,882.47	5,187.15	20,174.09
34. Motion Pictures, Sound recording and Music production	222,652.62	167,642.48	170,041.00	192,368.52	752,704.62	229,673.59	157,566.54	208,151.18	201,138.66	796,529.97
36. Broadcasting	319,436.58	413,185.18	245,131.68	331,900.51	1,309,653.94	330,469.64	433,427.35	261,257.36	354,831.79	1,379,986.14
37.ARTS, ENTERTAINMENT AND RECREATION	50,684.99	35,652.64	34,217.13	40,212.31	160,767.06	51,851.70	35,692.85	36,881.73	43,237.81	167,664.10
FINANCIAL AND INSURANCE										
38. Financial Institutions	555,566.44	545,755.80	530,823.12	686,401.24	2,318,546.60	696,871.81	655,221.80	594,677.74	771,593.18	2,718,364.53
39. Insurance	78,976.56	74,960.19	55,553.42	58,246.97	267,737.14	85,111.69	80,180.93	66,157.99	59,534.37	290,984.99
40. REAL ESTATE	887,934.72	881,567.26	1,017,594.96	1,265,986.26	4,053,083.20	927,316.07	920,494.94	1,064,034.43	1,301,224.97	4,213,070.41
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	550,302.59	515,838.02	598,656.74	682,019.46	2,346,816.82	560,467.75	525,937.52	611,987.56	701,922.28	2,400,315.10
42. ADMINISTRATIVE & SUPPORT SERVICES	3,266.09	3,469.89	4,072.41	3,877.69	14,686.08	3,387.80	3,541.48	4,232.30	3,988.53	15,150.11
43. PUBLIC ADMINISTRATION	278,241.06	368,209.62	380,337.42	440,437.08	1,467,225.18	283,590.67	375,594.90	389,183.23	446,756.76	1,495,125.56
44. EDUCATION	326,944.62	229,197.75	314,285.45	433,120.54	1,303,548.36	333,062.95	231,847.74	317,742.14	438,459.99	1,321,112.82
45. HUMAN HEALTH AND SOCIAL SERVICES	118,980.63	128,419.76	127,891.66	133,341.22	508,633.28	126,013.32	131,283.87	133,753.33	138,944.28	529,994.80
46. OTHER SERVICES	681,364.60	459,698.95	433,468.09	688,367.57	2,262,899.21	702,744.29	473,717.18	421,894.74	688,808.50	2,287,164.72
GDP at 2010 constant price	16,826,890.29	16,694,666.15	18,543,054.58	20,329,062.42	72,393,673.44	17,349,381.10	17,285,882.91	18,959,954.87	21,044,250.06	74,639,468.94
Net Indirect Taxes on Products	135,615.64	209,570.26	302,861.71	341,050.34	989,097.94	223,891.12	334,058.94	379,186.59	1,129,476.38	1,229,613.23
GDP Constant Market Price	16,962,505.92	16,904,236.42	18,845,916.29	20,670,112.75	73,382,771.39	17,573,272.22	17,478,222.63	19,294,013.81	21,423,436.66	75,768,945.32

**Table 3: GDP Growth Rate at Current prices (Nominal GDP Growth) %**

ACTIVITY SECTOR	2021					2022				
	Q1	Q2	Q3	Q4	Full Year 2021	Q1	Q2	Q3	Q4	Full Year 2022
AGRICULTURE	15.14	6.36	7.95	12.86	10.43	11.55	13.83	20.07	18.67	16.58
1. Crop Production	12.60	4.93	7.56	13.21	9.56	12.62	14.58	20.78	19.19	17.41
2. Livestock	20.44	0.94	1.53	1.88	6.03	7.02	15.02	21.76	22.78	16.49
3. Forestry	14.37	0.36	1.27	2.38	4.27	2.98	16.48	18.74	30.95	17.47
4. Fishing	44.86	43.49	30.85	21.09	34.53	5.03	1.37	0.56	3.99	3.01
MINING AND QUARRYING	(0.13)	(6.72)	(4.65)	8.65	(1.05)	25.94	49.75	34.26	(1.07)	27.11
5. Crude Petroleum and Natural Gas	(0.17)	(10.15)	(8.18)	(3.46)	(5.49)	25.90	49.51	31.06	(15.49)	24.25
6. Coal Mining	14.11	52.07	8.61	79.86	42.29	12.56	71.03	-30.95	12.03	35.90
7. Metal Ores	46.05	37.75	75.63	61.66	51.90	53.77	(15.06)	51.47	22.72	34.79
8. Quarrying and Other Minerals	(34.26)	65.56	42.79	88.44	68.64	16.93	52.96	62.52	47.85	52.64
MANUFACTURING	32.10	38.33	32.73	25.52	31.66	11.72	5.21	2.20	8.86	6.93
9. Oil Refining	(52.91)	(45.12)	(46.20)	(42.53)	(45.88)	(47.56)	(41.62)	-41.62	(28.13)	(37.53)
10. Cement	70.38	88.52	64.62	47.12	64.65	17.87	6.12	8.98	8.85	10.40
11. Food, Beverage and Tobacco	19.33	19.58	20.94	15.97	18.88	16.95	8.63	-3.75	13.82	8.72
12. Textile, Apparel and Footwear	20.61	32.69	31.51	19.74	25.44	0.21	0.39	-2.22	0.89	(0.16)
13. Wood and Wood Products	10.68	13.45	10.06	4.67	9.50	10.19	7.70	11.20	11.28	10.18
14. Pulp, Paper and Paper Products	47.18	49.38	49.83	29.47	42.61	1.02	1.69	-3.66	2.05	0.21
15. Chemical and Pharmaceutical Products	29.99	36.65	2.45	28.98	22.06	14.85	7.82	12.11	9.09	10.82
16. Non-Metallic Products	49.26	53.24	50.75	37.23	46.95	9.80	4.28	7.41	7.73	7.43
17. Plastic and Rubber products	20.55	21.00	2.98	14.03	13.33	9.62	8.09	-3.25	12.71	6.37
18. Electrical and Electronics	25.95	33.99	16.79	25.79	24.78	0.36	0.42	8.43	3.18	3.50
19. Basic metal, Iron and Steel	15.71	19.33	2.71	14.52	11.79	10.05	10.45	11.35	16.59	12.29
20. Motor vehicles & assembly	109.73	145.22	113.13	76.96	107.79	9.22	(4.84)	5.73	7.42	4.33
21. Other Manufacturing	18.96	19.66	1.20	14.18	11.67	8.45	4.90	13.42	14.02	10.87
22. ELECTRICITY, GAS ,STEAM AND AIR CONDITIONING SUPPLY	30.70	114.30	43.14	18.12	51.83	(2.41)	(6.97)	-3.07	22.41	2.88
23. WATER SUPPLY,SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	41.32	45.91	39.13	50.73	44.28	17.27	25.61	32.57	20.86	24.38
24. CONSTRUCTION	43.88	47.11	47.67	34.53	42.50	7.81	4.63	18.92	17.14	12.72
25. TRADE	0.13	23.27	14.84	6.01	10.34	14.37	14.59	13.17	14.82	14.25
26. ACCOMMODATION AND FOOD SERVICES	11.39	19.07	19.20	1.66	11.13	6.57	21.95	22.15	25.56	18.11
TRANSPORTATION AND STORAGE	(9.25)	112.56	41.61	23.14	27.95	(16.02)	53.83	39.64	33.67	27.06
27. Road Transport	(10.44)	125.97	42.25	22.09	28.45	(21.88)	56.30	44.28	34.76	27.39
28. Rail Transport & Pipelines	(5.62)	56.06	62.83	39.10	38.92	140.70	(33.25)	-24.42	13.04	10.51
29. Water Transport	(4.73)	2.98	18.41	15.11	9.37	14.82	10.22	28.16	31.75	22.73
30. Air Transport	4.85	24.77	58.44	63.61	36.74	57.37	23.06	10.82	29.98	30.08
31. Transport Services	0.82	5.50	7.91	4.43	5.21	16.40	13.10	15.51	13.64	14.47
32. Post and Courier Services	12.39	5.37	40.01	3.72	12.67	4.79	15.88	7.11	17.83	10.49
INFORMATION AND COMMUNICATION	7.86	(0.07)	11.17	5.70	5.75	20.54	14.11	20.32	21.41	19.00
33. Telecommunications & Information Services	9.51	(1.34)	12.74	6.04	6.18	21.98	13.86	18.53	21.44	18.83
34. Publishing,	(0.12)	3.77	4.01	4.04	2.79	4.15	4.84	14.20	7.54	7.49
34. Motion Pictures, Sound recording and Music production	2.89	5.71	4.12	3.58	3.96	15.97	6.32	39.39	19.71	20.08
36. Broadcasting	3.13	4.53	4.60	4.71	4.24	16.31	18.66	21.36	22.40	19.54
37.ARTS, ENTERTAINMENT AND RECREATION	(0.47)	1.89	4.37	4.94	2.39	15.01	13.25	22.74	23.11	18.30
FINANCIAL AND INSURANCE	2.15	(1.86)	26.46	24.92	11.88	32.29	29.90	21.37	22.58	26.42
38. Financial Institutions	2.78	(3.93)	28.79	25.99	12.35	34.65	31.63	20.65	23.46	27.39
39. Insurance	(2.08)	16.41	7.86	13.61	8.01	15.68	17.28	28.26	12.25	18.02
40. REAL ESTATE	8.04	7.38	8.63	3.48	6.59	10.84	12.81	9.13	10.61	10.75
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	(1.31)	1.92	3.77	2.15	1.67	9.33	11.79	10.10	13.03	11.14
42. ADMINISTRATIVE & SUPPORT SERVICES	1.83	5.45	6.07	3.35	4.24	11.34	11.91	11.93	12.96	12.07
43. PUBLIC ADMINISTRATION	1.72	(1.06)	2.47	1.77	1.22	9.41	11.84	10.20	11.40	10.82
44. EDUCATION	(0.30)	6.97	7.75	1.93	3.60	7.88	6.23	5.31	10.47	7.80
45. HUMAN HEALTH AND SOCIAL SERVICES	10.84	11.12	11.20	5.69	9.63	13.35	13.58	15.36	14.87	14.31
46. OTHER SERVICES	(0.41)	1.27	3.37	2.28	1.46	10.71	12.99	4.82	9.90	9.78
<b>GDP Current Basic Price (Nominal GDP Growth %)</b>	<b>12.25</b>	<b>14.99</b>	<b>15.41</b>	<b>13.11</b>	<b>13.92</b>	<b>13.25</b>	<b>15.03</b>	<b>15.83</b>	<b>15.18</b>	<b>14.87</b>

**Table 4: GDP Growth Rate at Constant 2010 prices (Real GDP Growth) %**

ACTIVITY SECTOR	2021					2022				
	Q1	Q2	Q3	Q4	Full Year 2021	Q1	Q2	Q3	Q4	Full Year 2022
AGRICULTURE	2.28	1.30	1.22	3.58	2.13	3.16	1.20	1.34	2.05	1.88
1. Crop Production	2.31	1.38	1.36	3.87	2.27	2.97	1.54	1.33	2.41	2.01
2. Livestock	1.65	0.13	0.12	0.41	0.58	5.55	(2.87)	1.55	(1.59)	0.61
3. Forestry	1.28	1.06	1.98	1.41	1.43	1.37	1.29	2.19	1.63	1.62
4. Fishing	3.24	2.27	(3.97)	1.69	1.16	3.14	0.89	0.36	(3.02)	0.47
MINING AND QUARRYING	(2.19)	(12.29)	(10.56)	(6.16)	(7.79)	(25.89)	(11.09)	(21.31)	(11.39)	(18.16)
5. Crude Petroleum and Natural Gas	(2.21)	(12.65)	(10.73)	(8.06)	(8.30)	(26.04)	(11.77)	(22.67)	(13.38)	(19.22)
6. Coal Mining	0.66	34.14	(4.20)	62.91	25.75	(12.97)	36.06	(43.49)	(17.44)	6.24
7. Metal Ores	28.83	21.12	54.92	46.96	34.19	30.76	(25.48)	36.24	(1.97)	15.98
8. Quarrying and Other Minerals	(59.78)	5.75	(4.20)	42.92	18.37	(13.72)	22.15	39.61	23.68	27.52
MANUFACTURING	3.40	3.49	4.29	2.28	3.35	5.89	3.00	(1.91)	2.83	2.45
9. Oil Refining	(57.05)	(46.78)	(47.83)	(43.94)	(47.94)	(44.26)	(42.12)	(44.70)	(39.23)	(41.93)
10. Cement	11.20	3.89	5.68	5.49	6.64	9.57	4.88	4.13	3.89	5.65
11. Food, Beverage and Tobacco	7.11	4.87	6.07	4.84	5.73	9.81	5.11	(4.05)	4.94	3.86
12. Textile, Apparel and Footwear	(4.53)	1.75	1.03	(2.37)	(1.27)	(1.23)	(2.83)	(3.98)	(1.17)	(2.23)
13. Wood and Wood Products	(2.36)	0.09	1.38	(4.82)	(1.54)	2.27	2.84	2.19	(2.12)	1.28
14. Pulp, Paper and Paper Products	(0.26)	1.23	1.67	(3.33)	(0.32)	(1.42)	1.73	(4.14)	(1.26)	(1.47)
15. Chemical and Pharmaceutical Products	3.91	9.24	10.02	8.96	8.13	10.33	9.29	11.09	7.06	9.44
16. Non-Metallic Products	2.88	3.10	3.91	3.77	3.41	3.55	3.40	4.00	4.18	3.79
17. Plastic and Rubber products	1.68	2.06	3.79	0.27	1.88	0.35	2.98	(3.92)	1.33	0.18
18. Electrical and Electronics	(4.46)	1.63	2.49	2.18	0.62	(4.87)	1.80	2.56	4.11	1.23
19. Basic metal , Iron and Steel	(1.63)	1.44	2.24	1.29	0.80	(1.48)	2.70	2.99	1.79	1.46
20. Motor vehicles & assembly	3.29	4.84	4.97	4.02	4.23	5.01	(7.96)	2.69	4.31	0.95
21. Other Manufacturing	3.75	4.36	2.15	2.61	3.16	2.81	2.58	2.54	2.59	2.64
22. ELECTRICITY, GAS ,STEAM AND AIR CONDITIONING SUPPLY	8.66	78.16	14.36	2.78	27.57	(11.20)	(11.48)	(3.56)	15.22	(2.21)
23. WATER SUPPLY,SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	14.75	18.48	12.97	28.84	18.34	13.22	23.73	3.89	8.81	13.62
24. CONSTRUCTION	1.42	3.70	4.10	3.46	3.09	4.83	4.02	5.52	3.80	4.54
25. TRADE	(2.43)	22.49	11.90	5.34	8.62	6.54	4.51	5.08	4.54	5.13
26. ACCOMMODATION AND FOOD SERVICES	(4.60)	1.97	2.09	1.27	(0.45)	1.93	3.03	6.77	5.12	4.22
TRANSPORTATION AND STORAGE	(21.89)	76.81	20.61	29.72	16.25	(17.41)	51.66	41.59	0.78	15.20
27. Road Transport	(23.75)	92.38	21.11	30.39	17.13	(24.63)	56.38	49.68	(0.68)	15.14
28. Rail Transport & Pipelines	(7.30)	53.28	59.93	37.74	36.95	124.54	(37.90)	(29.91)	3.81	2.24
29. Water Transport	(6.42)	1.14	16.30	14.54	7.75	7.58	3.02	19.48	21.09	14.11
30. Air Transport	(11.78)	4.98	33.31	63.05	19.70	50.68	22.45	14.58	18.01	26.23
31. Transport Services	(0.50)	4.11	6.49	3.86	4.09	8.41	4.90	6.66	3.82	5.55
32. Post and Courier Services	2.53	3.86	3.90	2.60	2.95	3.11	4.91	5.36	5.13	4.33
INFORMATION AND COMMUNICATION	6.47	5.55	9.66	5.03	6.55	12.07	6.55	10.53	10.35	9.76
33. Telecommunications & Information Services	7.69	5.90	10.87	5.31	7.28	14.50	7.71	10.06	11.24	10.72
34. Publishing,	(1.45)	2.39	2.62	3.44	1.62	3.27	3.43	12.06	4.35	5.59
34. Motion Pictures, Sound recording and Music production	2.21	5.02	3.44	2.96	3.30	3.15	(6.01)	22.41	4.56	5.82
36. Broadcasting	2.45	3.84	3.92	4.08	3.57	3.45	4.90	6.58	6.91	5.37
37.ARTS, ENTERTAINMENT AND RECREATION	(1.13)	1.22	3.68	4.31	1.72	2.30	0.11	7.79	7.52	4.29
FINANCIAL AND INSURANCE	(0.46)	(2.48)	23.23	24.14	10.07	23.24	18.48	12.70	11.61	16.36
38. Financial Institutions	0.15	(4.54)	25.50	25.19	10.53	25.43	20.06	12.03	12.41	17.24
39. Insurance	(4.58)	15.68	5.10	12.90	6.24	7.77	6.96	19.09	2.21	8.68
40. REAL ESTATE	1.77	3.85	2.32	1.47	2.26	4.44	4.42	4.56	2.78	3.95
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	(3.84)	1.27	1.11	1.50	0.05	1.85	1.96	2.23	2.92	2.28
42. ADMINISTRATIVE & SUPPORT SERVICES	(0.77)	4.79	3.36	2.70	2.57	3.73	2.06	3.93	2.86	3.16
43. PUBLIC ADMINISTRATION	(0.88)	(1.68)	(0.15)	1.13	(0.30)	1.92	2.01	2.33	1.43	1.90
44. EDUCATION	(6.20)	0.63	1.37	1.42	(0.75)	1.87	1.16	1.10	1.23	1.35
45. HUMAN HEALTH AND SOCIAL SERVICES	4.65	4.92	4.99	5.14	4.93	5.91	2.23	4.58	4.20	4.20
46. OTHER SERVICES	(2.95)	0.64	0.73	1.63	(0.16)	3.14	3.05	(2.67)	0.06	1.07

GDP at 2010 constant price (Real GDP Growth %)	0.51	5.01	4.03	3.98	3.40	3.11	3.54	2.25	3.52	3.10
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**Table 5: Implicit Price Deflators**

Implicit Price Deflators	2021					2022				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
ACTIVITY SECTOR										
AGRICULTURE										
1. Crop Production	219.14	213.30	213.61	214.30	214.82	239.69	240.70	254.61	249.41	247.25
2. Livestock	203.39	174.99	173.60	174.29	181.37	206.21	207.22	208.13	217.44	210.01
3. Forestry	168.42	149.66	148.90	149.59	153.68	171.09	172.10	173.01	192.75	177.65
4. Fishing	545.85	594.08	596.57	597.27	580.14	555.85	596.86	597.77	640.42	594.86
MINING AND QUARRYING										
5. Crude Petroleum and Natural Gas	181.38	182.67	183.96	189.11	183.93	308.76	309.54	311.81	184.52	282.92
6. Coal Mining	204.57	211.09	217.82	218.88	211.82	264.57	265.35	266.17	296.99	270.96
7. Metal Ores	204.57	211.76	217.82	218.09	210.71	240.57	241.35	242.17	272.99	244.88
8. Quarrying and Other Minerals	835.92	905.20	974.44	974.71	961.04	1,132.92	1,133.53	1,134.35	1,165.17	1,150.36
MANUFACTURING										
9. Oil Refining	168.85	160.08	161.32	161.59	162.27	158.85	161.46	170.28	191.10	174.56
10. Cement	748.21	815.88	933.82	934.09	860.78	804.88	825.49	977.31	978.62	899.49
11. Food, Beverage and Tobacco	259.36	268.01	276.95	277.64	270.68	276.23	277.01	277.83	301.13	283.37
12. Textile, Apparel and Footwear	381.29	404.23	428.56	428.82	410.78	386.85	417.62	436.44	437.76	419.45
13. Wood and Wood Products	241.47	249.16	257.09	257.36	251.14	260.16	260.94	279.76	292.58	273.21
14. Pulp, Paper and Paper Products	672.77	741.50	757.26	817.52	746.58	689.44	741.21	761.04	844.97	759.33
15. Chemical and Pharmaceutical Products	325.70	344.45	364.28	364.55	350.69	339.03	339.81	367.63	371.45	355.12
16. Non-Metallic Products	662.37	726.94	797.82	798.08	745.09	702.37	733.14	823.96	825.28	771.21
17. Plastic and Rubber products	270.59	282.35	364.63	294.90	302.42	295.59	296.36	367.19	328.01	321.10
18. Electrical and Electronics	387.82	415.56	445.29	445.56	426.24	409.15	409.93	470.75	441.57	435.79
19. Basic metal, Iron and Steel	256.41	267.03	368.09	278.36	291.95	286.41	287.18	398.00	318.82	323.10
20. Motor vehicles & assembly	2579.70	3079.43	3,675.96	3,676.23	3,206.68	2,683.03	3,183.80	3,784.63	3,785.94	3,314.13
21. Other Manufacturing	231.00	239.04	357.36	248.42	267.31	243.67	244.44	395.26	276.08	288.74
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	478.19	500.79	524.46	524.73	510.22	525.52	526.30	527.12	557.49	536.76
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	319.66	336.74	354.74	355.00	340.80	331.08	341.86	452.68	394.32	373.07
24. CONSTRUCTION	587.86	641.56	700.17	700.43	657.06	604.53	645.30	789.12	790.43	708.50
25. TRADE	205.00	202.33	207.67	204.97	204.99	220.05	221.84	223.66	225.11	222.77
26. ACCOMMODATION AND FOOD SERVICES	281.32	292.44	303.99	271.69	285.31	294.11	346.13	347.78	324.53	323.34
TRANSPORTATION AND STORAGE										
27. Road Transport	390.81	406.85	423.55	301.87	368.44	405.07	406.62	408.27	409.58	407.65
28. Rail Transport & Pipelines	198.28	199.17	200.07	199.34	199.34	212.55	214.10	215.74	217.06	215.46
29. Water Transport	211.92	212.87	213.83	212.03	212.82	226.18	227.73	229.38	230.69	228.89
30. Air Transport	321.14	335.32	350.11	308.63	327.77	335.41	336.96	338.60	339.92	337.77
31. Transport Services	193.56	194.20	194.84	193.98	194.24	207.83	209.38	211.02	212.33	210.65
32. Post and Courier Services	157.34	146.15	194.84	146.69	157.88	159.90	161.45	198.09	164.40	167.19
INFORMATION AND COMMUNICATION										
33. Telecommunications & Information Services	153.26	155.90	154.55	153.68	154.38	163.26	164.81	166.45	167.77	165.69
34. Publishing	183.37	183.98	184.60	183.81	183.91	184.93	186.48	188.12	189.43	187.22
34. Motion Pictures, Sound recording and Music production	175.16	175.45	175.74	175.93	175.55	196.92	198.47	200.11	201.43	199.20
36. Broadcasting	175.16	175.45	175.74	175.93	175.55	196.92	198.47	200.11	201.43	199.17
37. ARTS, ENTERTAINMENT AND RECREATION	175.16	175.45	175.74	175.93	175.54	196.92	198.47	200.11	201.43	199.11
FINANCIAL AND INSURANCE										
38. Financial Institutions	205.00	202.33	207.67	204.97	204.97	220.05	221.84	223.66	225.11	222.71
39. Insurance	205.00	202.33	207.67	204.97	204.80	220.05	221.84	223.66	225.11	222.40
40. REAL ESTATE	226.71	224.13	233.60	227.77	228.21	240.61	242.16	243.80	245.12	243.15
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	205.00	202.33	207.67	204.97	205.08	220.05	221.84	223.66	225.11	222.84
42. ADMINISTRATIVE & SUPPORT SERVICES	205.00	202.33	207.67	204.97	205.10	220.05	221.84	223.66	225.11	222.81
43. PUBLIC ADMINISTRATION	205.00	202.33	207.67	204.97	205.01	220.05	221.84	223.66	225.11	222.95

44. EDUCATION	213.73	217.01	220.35	211.55	215.18	226.34	227.89	229.54	230.85	228.88
45. HUMAN HEALTH AND SOCIAL SERVICES	203.29	206.23	209.22	201.45	205.04	217.57	229.12	230.77	222.08	224.95
46. OTHER SERVICES	205.00	202.33	207.67	204.97	204.96	220.05	221.84	223.66	225.11	222.61
GDP Deflator	237.80	234.35	243.29	242.39	239.70	261.21	260.35	275.61	269.71	267.07

**Table 6: Gross Domestic Product At Current Basic Prices Percentage Distribution**

Gross Domestic Product At Current Basic Prices Percentage Distribution	2021					2022				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
ACTIVITY SECTOR										
AGRICULTURE										
1. Crop Production	18.04	19.31	24.30	21.54	20.95	17.94	19.23	25.34	22.29	21.41
2. Livestock	1.53	1.30	1.15	1.24	1.30	1.45	1.30	1.21	1.32	1.31
3. Forestry	0.18	0.19	0.16	0.16	0.17	0.17	0.20	0.16	0.18	0.17
4. Fishing	1.66	1.33	0.97	1.23	1.29	1.54	1.17	0.84	1.11	1.15
MINING AND QUARRYING										
5. Crude Petroleum and Natural Gas	7.05	5.79	5.66	4.05	5.55	7.84	7.52	6.41	2.97	6.01
6. Coal Mining	0.01	0.02	0.00	0.01	0.01	0.01	0.03	0.00	0.01	0.01
7. Metal Ores	0.02	0.01	0.01	0.01	0.01	0.03	0.01	0.01	0.01	0.01
8. Quarrying and Other Minerals	0.01	0.48	0.64	1.19	0.62	0.01	0.64	0.90	1.52	0.82
MANUFACTURING										
9. Oil Refining	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
10. Cement	3.22	2.86	3.79	3.15	3.27	3.35	2.64	3.57	2.97	3.14
11. Food, Beverage and Tobacco	5.17	4.95	5.09	4.68	4.96	5.34	4.68	4.23	4.63	4.69
12. Textile, Apparel and Footwear	3.30	3.01	3.00	3.15	3.11	2.92	2.63	2.53	2.75	2.71
13. Wood and Wood Products	0.32	0.27	0.28	0.25	0.28	0.31	0.26	0.27	0.24	0.27
14. Pulp, Paper and Paper Products	0.23	0.18	0.21	0.21	0.21	0.20	0.16	0.18	0.19	0.18
15. Chemical and Pharmaceutical Products	0.32	0.38	0.37	0.33	0.35	0.32	0.36	0.36	0.31	0.34
16. Non-Metallic Products	1.02	0.88	0.99	0.91	0.95	0.98	0.80	0.92	0.85	0.89
17. Plastic and Rubber products	0.41	0.37	0.44	0.36	0.40	0.39	0.35	0.37	0.36	0.37
18. Electrical and Electronics	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
19. Basic metal , Iron and Steel	0.26	0.25	0.32	0.26	0.27	0.25	0.24	0.31	0.26	0.27
20. Motor vehicles & assembly	0.58	0.65	0.57	0.55	0.59	0.56	0.54	0.52	0.52	0.53
21. Other Manufacturing	0.43	0.33	0.50	0.39	0.41	0.41	0.30	0.49	0.39	0.40
22. ELECTRICITY, GAS ,STEAM AND AIR CONDITIONING SUPPLY	0.44	1.72	0.86	1.02	1.00	0.38	1.39	0.72	1.09	0.90
23. WATER SUPPLY,SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	0.28	0.43	0.27	0.23	0.29	0.29	0.46	0.30	0.24	0.32
24. CONSTRUCTION	10.17	8.74	9.26	9.99	9.56	9.68	7.95	9.50	10.16	9.38
25. TRADE	13.46	14.38	12.75	13.25	13.42	13.59	14.32	12.45	13.20	13.35
26. ACCOMMODATION AND FOOD SERVICES	1.20	0.49	0.86	0.88	0.86	1.13	0.52	0.90	0.96	0.88
TRANSPORTATION AND STORAGE										
27. Road Transport	1.97	1.95	1.34	1.80	1.75	1.36	2.65	1.66	2.11	1.94
28. Rail Transport & Pipelines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29. Water Transport	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.01
30. Air Transport	0.13	0.07	0.15	0.12	0.12	0.19	0.07	0.14	0.14	0.13
31. Transport Services	0.03	0.05	0.06	0.06	0.05	0.03	0.05	0.06	0.06	0.05
32. Post and Courier Services	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01
INFORMATION AND COMMUNICATION										
33. Telecommunications & Information Services	7.51	9.59	7.58	7.99	8.14	8.09	9.49	7.76	8.43	8.42
34. Publishing,	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
34. Motion Pictures, Sound recording and Music production	0.97	0.75	0.66	0.69	0.76	1.00	0.69	0.80	0.71	0.80
36. Broadcasting	1.40	1.85	0.95	1.18	1.32	1.44	1.91	1.00	1.26	1.38
37.ARTS, ENTERTAINMENT AND RECREATION	0.22	0.16	0.13	0.14	0.16	0.23	0.16	0.14	0.15	0.17
FINANCIAL AND INSURANCE										
38. Financial Institutions	2.85	2.82	2.44	2.86	2.74	3.38	3.23	2.55	3.06	3.04
39. Insurance	0.40	0.39	0.26	0.24	0.32	0.41	0.40	0.28	0.24	0.32
40. REAL ESTATE	5.03	5.05	5.27	5.85	5.33	4.92	4.95	4.96	5.62	5.14
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	2.82	2.67	2.76	2.84	2.77	2.72	2.59	2.62	2.78	2.68
42. ADMINISTRATIVE & SUPPORT SERVICES	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
43. PUBLIC ADMINISTRATION	1.43	1.90	1.75	1.83	1.73	1.38	1.85	1.67	1.77	1.67
44. EDUCATION	1.75	1.27	1.54	1.86	1.62	1.66	1.17	1.40	1.78	1.52
45. HUMAN HEALTH AND SOCIAL SERVICES	0.60	0.68	0.59	0.55	0.60	0.60	0.67	0.59	0.54	0.60

46. OTHER SERVICES	3.49	2.38	2.00	2.86	2.67	3.41	2.34	1.81	2.73	2.55
GDP at current basic price	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

**Table 7: Gross Domestic Product At 2010 Basic Prices Percentage Distribution**

Gross Domestic Product At 2010 Basic Prices Percentage Distribution										
	2021					2022				
ACTIVITY SECTOR	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
AGRICULTURE										
1. Crop Production	19.58	21.21	27.68	24.36	23.37	19.55	20.80	27.43	24.10	23.13
2. Livestock	1.79	1.74	1.61	1.72	1.71	1.84	1.63	1.60	1.64	1.67
3. Forestry	0.26	0.30	0.25	0.26	0.27	0.25	0.30	0.25	0.25	0.26
4. Fishing	0.72	0.52	0.40	0.50	0.53	0.72	0.51	0.39	0.47	0.52
MINING AND QUARRYING										
5. Crude Petroleum and Natural Gas	9.25	7.42	7.49	5.19	7.24	6.63	6.33	5.66	4.34	5.67
6. Coal Mining	0.01	0.02	0.00	0.01	0.01	0.01	0.03	0.00	0.01	0.01
7. Metal Ores	0.02	0.01	0.01	0.01	0.01	0.03	0.01	0.01	0.01	0.01
8. Quarrying and Other Minerals	0.00	0.13	0.16	0.30	0.15	0.00	0.15	0.22	0.35	0.19
MANUFACTURING										
9. Oil Refining	0.02	0.03	0.02	0.04	0.03	0.01	0.02	0.01	0.02	0.02
10. Cement	1.02	0.82	0.99	0.82	0.91	1.09	0.83	1.01	0.82	0.93
11. Food, Beverage and Tobacco	4.74	4.33	4.47	4.09	4.39	5.05	4.40	4.19	4.14	4.42
12. Textile, Apparel and Footwear	2.06	1.75	1.70	1.78	1.82	1.97	1.64	1.60	1.70	1.72
13. Wood and Wood Products	0.31	0.26	0.27	0.24	0.27	0.31	0.26	0.27	0.23	0.26
14. Pulp, Paper and Paper Products	0.08	0.06	0.07	0.06	0.07	0.08	0.06	0.06	0.06	0.06
15. Chemical and Pharmaceutical Products	0.23	0.26	0.25	0.22	0.24	0.25	0.27	0.27	0.22	0.25
16. Non-Metallic Products	0.36	0.29	0.30	0.28	0.31	0.37	0.28	0.31	0.28	0.31
17. Plastic and Rubber products	0.36	0.31	0.29	0.30	0.31	0.35	0.31	0.28	0.29	0.30
18. Electrical and Electronics	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01
19. Basic metal , Iron and Steel	0.24	0.22	0.21	0.22	0.22	0.23	0.22	0.21	0.22	0.22
20. Motor vehicles & assembly	0.05	0.05	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04
21. Other Manufacturing	0.44	0.32	0.34	0.38	0.37	0.44	0.32	0.34	0.38	0.37
22. ELECTRICITY, GAS ,STEAM AND AIR CONDITIONING SUPPLY	0.22	0.80	0.40	0.47	0.47	0.19	0.69	0.38	0.53	0.45
23. WATER SUPPLY,SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	0.21	0.30	0.18	0.16	0.21	0.23	0.35	0.19	0.17	0.23
24. CONSTRUCTION	4.12	3.19	3.22	3.46	3.49	4.18	3.21	3.32	3.47	3.54
25. TRADE	15.61	16.66	14.93	15.66	15.69	16.13	16.81	15.35	15.82	16.00
26. ACCOMMODATION AND FOOD SERVICES	1.01	0.40	0.69	0.78	0.72	1.00	0.39	0.72	0.79	0.73
TRANSPORTATION AND STORAGE										
27. Road Transport	1.20	1.13	0.77	1.45	1.14	0.88	1.70	1.12	1.39	1.27
28. Rail Transport & Pipelines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29. Water Transport	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01
30. Air Transport	0.10	0.05	0.10	0.10	0.09	0.15	0.06	0.11	0.11	0.11
31. Transport Services	0.04	0.06	0.08	0.08	0.07	0.04	0.06	0.08	0.08	0.07
32. Post and Courier Services	0.04	0.01	0.01	0.02	0.02	0.04	0.01	0.01	0.02	0.02
INFORMATION AND COMMUNICATION										
33. Telecommunications & Information Services	11.66	14.42	11.94	12.61	12.63	12.94	15.00	12.85	13.55	13.57
34. Publishing,	0.03	0.03	0.02	0.02	0.03	0.03	0.03	0.03	0.02	0.03
34. Motion Pictures, Sound recording and Music production	1.32	1.00	0.92	0.95	1.04	1.32	0.91	1.10	0.96	1.07
36. Broadcasting	1.90	2.47	1.32	1.63	1.81	1.90	2.51	1.38	1.69	1.85
37.ARTS, ENTERTAINMENT AND RECREATION	0.30	0.21	0.18	0.20	0.22	0.30	0.21	0.19	0.21	0.22
FINANCIAL AND INSURANCE										
38. Financial Institutions	3.30	3.27	2.86	3.38	3.20	4.02	3.79	3.14	3.67	3.64
39. Insurance	0.47	0.45	0.30	0.29	0.37	0.49	0.46	0.35	0.28	0.39
40. REAL ESTATE	5.28	5.28	5.49	6.23	5.60	5.34	5.33	5.61	6.18	5.64
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	3.27	3.09	3.23	3.35	3.24	3.23	3.04	3.23	3.34	3.22
42. ADMINISTRATIVE & SUPPORT SERVICES	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02



43. PUBLIC ADMINISTRATION	1.65	2.21	2.05	2.17	2.03	1.63	2.17	2.05	2.12	2.00
44. EDUCATION	1.94	1.37	1.69	2.13	1.80	1.92	1.34	1.68	2.08	1.77
45. HUMAN HEALTH AND SOCIAL SERVICES	0.71	0.77	0.69	0.66	0.70	0.73	0.76	0.71	0.66	0.71
46. OTHER SERVICES	4.05	2.75	2.34	3.39	3.13	4.05	2.74	2.23	3.27	3.06
GDP at 2010 constant price	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

**Table 8: Quarterly Contribution to Gross Domestic Product (%), at 2010 Constant Basic Prices**

Gross Domestic Product At 2010 Constant Basic Prices (%)	2021					2022				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
<b>CONTRIBUTION TO GDP</b>										
AGRICULTURE	22.35	23.78	29.94	26.84	25.88	22.36	23.24	29.67	26.46	25.58
INDUSTRIES	23.75	20.57	20.41	18.05	20.56	21.47	19.40	18.37	17.27	19.02
SERVICES	53.90	55.66	49.65	55.11	53.56	56.17	57.35	51.96	56.27	55.40
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
<b>NON OIL</b>	90.75	92.58	92.51	94.81	92.76	93.37	93.67	94.34	95.66	94.33
<b>OIL</b>	9.25	7.42	7.49	5.19	7.24	6.63	6.33	5.66	4.34	5.67
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

**Table 9: Quarterly Real Growth Rate by Sector (%) Year-on-Year**

GROWTH	2021					2022				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
AGRICULTURE	2.28	1.30	1.22	3.58	2.13	3.16	1.20	1.34	2.05	1.88
INDUSTRIES	0.94	(1.23)	(1.63)	- 0.05	- 0.47	(6.81)	- 2.30	- 8.00	- 0.94	- 4.62
SERVICES	(0.39)	9.27	8.41	5.58	5.61	7.45	6.70	7.01	5.69	6.66
<b>REAL GROWTH RATE AT BASIC PRICE</b>	0.51	5.01	4.03	3.98	3.40	3.11	3.54	2.25	3.52	3.10
<b>REAL GROWTH RATE AT MARKET PRICE</b>	0.41	5.36	4.07	4.64	3.65	3.60	3.40	2.38	3.64	3.25
<b>NON OIL GROWTH RATE</b>	0.79	6.74	5.44	4.73	4.44	6.08	4.77	4.27	4.44	4.84
<b>OIL GROWTH RATE</b>	(2.21)	(12.65)	(10.73)	- 8.06	- 8.30	(26.04)	- 11.77	- 22.67	- 13.38	- 19.22

**Table 10: Annual Real Contribution & Growth Rate by Sector (%) Year-on-Year**

CONTRIBUTION TO GDP	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AGRICULTURE	23.91	23.33	22.90	23.11	24.45	25.08	25.13	25.16	26.21	25.88	25.58
INDUSTRY	25.61	24.81	24.93	23.71	21.96	22.25	22.24	22.25	21.36	20.56	19.02
SERVICES	50.48	51.86	52.16	53.18	53.59	52.67	52.63	52.60	52.44	53.56	55.40
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
GROWTH	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
AGRICULTURE	6.70	2.94	4.27	3.72	4.11	3.45	2.12	2.36	2.17	2.13	1.88
INDUSTRY	2.43	2.16	6.76	-2.24	-8.85	2.15	1.87	2.31	(5.85)	(0.47)	(4.62)
SERVICES	3.97	8.38	6.85	4.78	-0.82	-0.91	1.83	2.22	(2.22)	5.61	6.66
<b>REAL GROWTH RATE AT BASIC PRICE</b>	4.21	5.49	6.22	2.79	-1.58	0.82	1.91	2.27	(1.92)	3.40	3.10



REAL GROWTH RATE AT MARKET PRICE	4.28	5.39	6.31	2.65	-1.62	0.81	1.92	2.21	(1.79)	3.65	3.25
NON OIL GROWTH RATE	5.81	8.42	7.18	3.75	-0.22	0.47	2.00	2.06	(1.25)	4.44	4.84
OIL GROWTH RATE	-4.95	-13.07	-1.32	-5.45	-14.45	4.69	0.97	4.59	(8.89)	(8.30)	(19.22)

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# Acknowledgements/Contact

## Acknowledgements

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