



NATIONAL BUREAU OF STATISTICS

The background of the report cover is a collage of four images representing different sectors of the Nigerian economy: agriculture (top left), construction (top right), traditional culture (bottom left), and oil and gas (bottom right).

Nigerian Gross Domestic Product Report

(Q4 & Full Year 2018)

Report Date: February 2019

Data Source: National Bureau of Statistics



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Preface

This publication provides data on Quarterly Gross Domestic Product (GDP) estimates for the four quarters of 2017, the annual figure for 2017 and estimates for the four quarters of 2018 and the annual figure for 2018.

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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January, 2019.

Introduction

The National Bureau of Statistics (NBS), has been conducting Establishment Surveys to provide data for the estimation of the Gross Domestic Product (GDP) for the country. In 2008, NBS started to improve the GDP series by conducting Quarterly Establishment Surveys (QES) for the four quarters of each year to complement the annual surveys which normally take place in the first and second quarters 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 was conducted in 2019. These surveys produced the data that was used for the compilation of the quarterly GDP for the four quarters of 2018(Q1 – Q4, 2018).

In subsequent sections of this report, emphasis will be given to the composition of GDP in the fourth quarter of 2018 and the corresponding quarter in 2017, while also making reference to the annual figures. We will also be looking at the immediate past quarter of 2018 (Q3 2018).

Overview of GDP in Q4 2018

In the fourth quarter of 2018, Nigeria's Gross Domestic Product (GDP) grew by 2.38% in real terms (year-on-year). This represents an increase of 0.27% points when compared to the fourth quarter of 2017 which recorded a growth rate of 2.11%. It also indicates a rise of 0.55% points when compared with the growth rate recorded in Q3 2018. On a quarter on quarter basis, real GDP growth was 5.31%.

The fourth quarter growth performance implies that real GDP grew at an annual growth rate of 1.93% in 2018, compared to 0.82% recorded in 2017, an increase of 1.09% points.

During the quarter, aggregate nominal GDP stood at N35,230,607.63 million, which is higher than N31,275,354.08 million recorded in Q4 2017, a nominal growth rate of 12.65%. For 2018, nominal GDP was therefore recorded at N127,762,545.58 million representing a nominal growth rate of 12.36% when compared to N113,711,634.61 million recorded in 2017.

The Nigerian economy has been classified broadly into the oil and non-oil sectors (Figure 1):

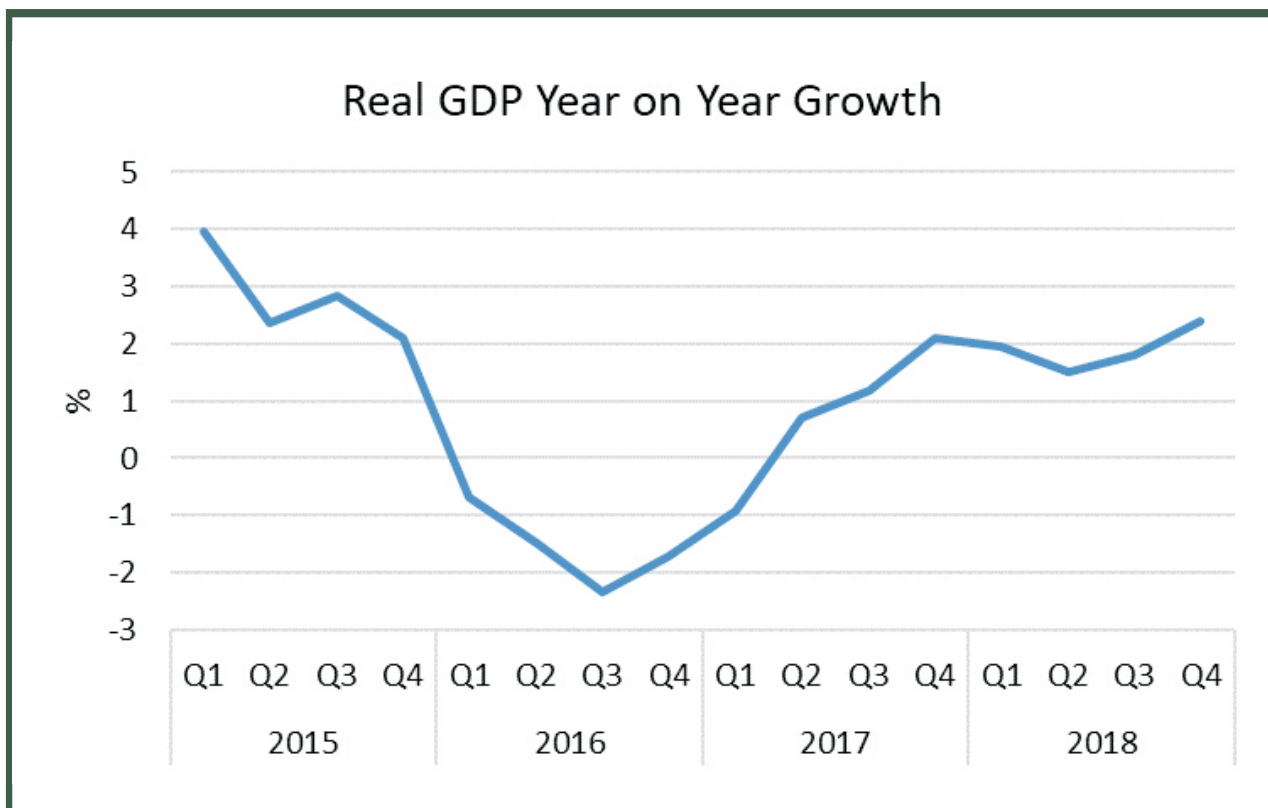


Figure 1: Real GDP Growth

The Oil Sector

In the fourth quarter of 2018, average daily oil production stood at 1.91 million barrels per day (mbpd). This was lower than the 1.95 mbpd recorded in the same quarter of 2017, and 1.94mbpd in Q3 2018. (Figure2).

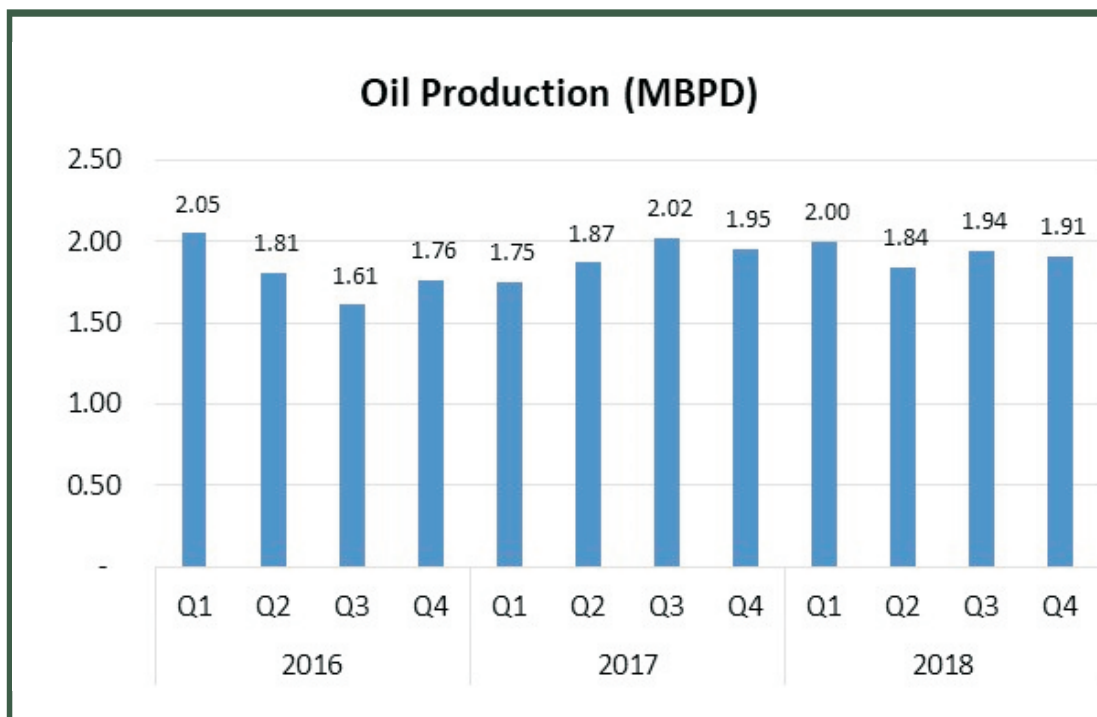


Figure 2: Crude Oil Output (MBPD)

The oil sector recorded a real GDP growth rate of -1.62% (year-on-year) in Q4 2018, indicating a decline of -12.81% points relative to the growth rate recorded in the corresponding quarter of 2017. However, when compared to Q3 2018, growth increased by 1.29% points. On an annual basis, real GDP growth for the oil sector stood at 1.14% as against 4.69% recorded in 2017.

The Oil sector contributed 7.06% to real GDP in Q4 2018, down from figures recorded in the corresponding period of 2017 and the preceding quarter, where it contributed 7.35% and 9.38% respectively. For 2018, the contribution of the oil sector to aggregate real GDP was 8.60%, slightly lower when compared with 8.67% in 2017.

The Non-Oil Sector

The non-oil sector grew by 2.70% in real terms during the fourth quarter of 2018. This is 1.25% points higher than the growth rate recorded in Q4 2017, and 0.38% points higher than the growth rate recorded in Q3 2018. On an annual basis, the non-oil sector recorded a growth rate of 2.00% in 2018, performing considerably better than 0.47% seen in 2017. The key performing activities during the quarter were Information and communication, Transportation & Storage, Arts & Entertainment, Agriculture and Manufacturing.

The Non-Oil sector contributed 92.94% to real GDP in the fourth quarter of 2018, slightly higher than the 92.65% seen in Q4 2017. For 2018, annual contribution was recorded at 91.40% against 91.33% in year 2017. Key performing activities on an annual basis include Transport, Information & Communication, Electricity, Water, as well as Arts & Entertainment.

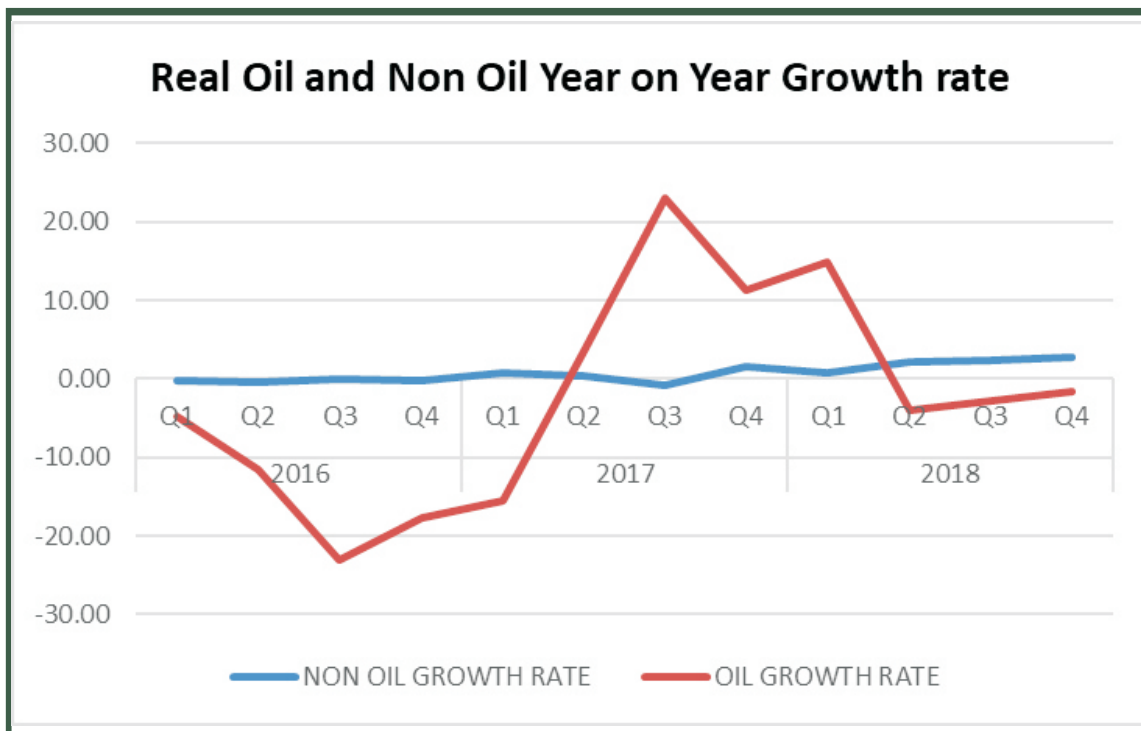


Figure 3: Crude Oil and Non-Oil Growth

GDP REPORT Q4 2018

REAL QUARTERLY GDP GROWTH FOR Q4 2018 AT

2.38%

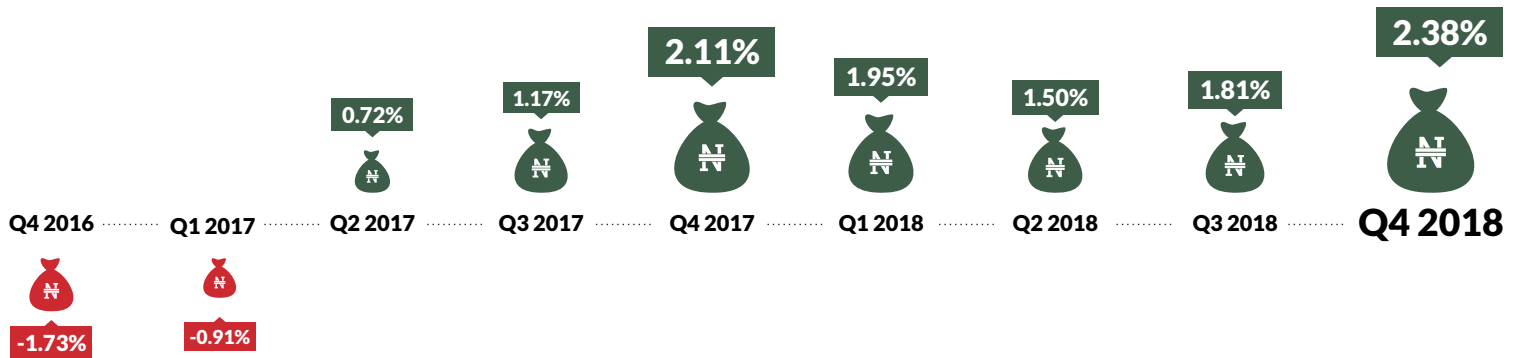
(FROM 1.81% IN Q3 2018)

NOMINAL GDP
(Q4 2018)

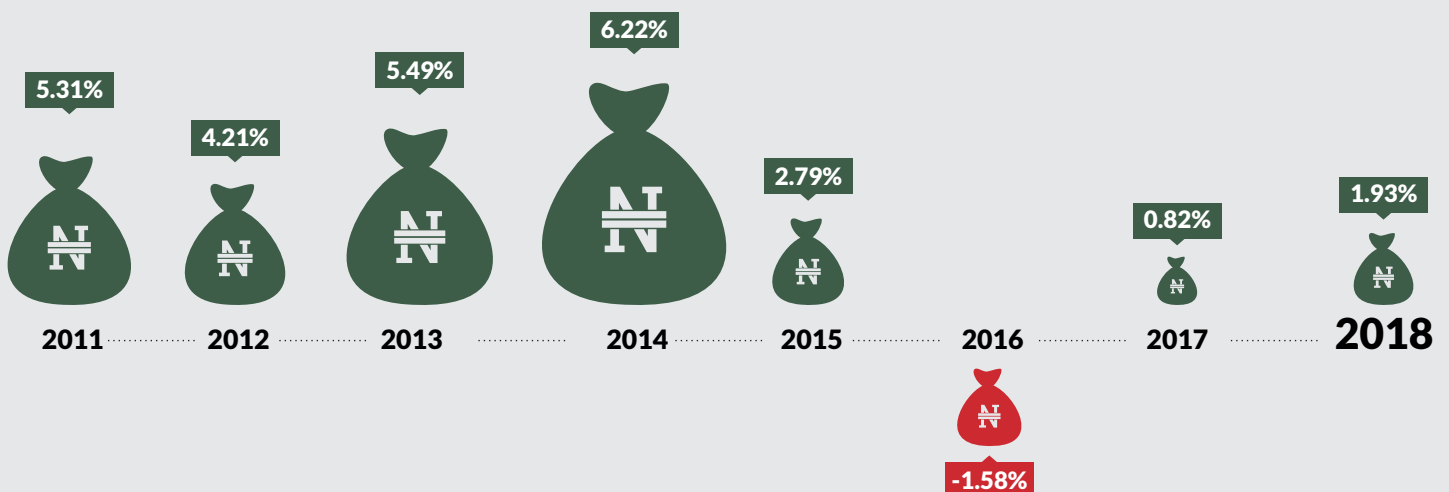
N35.23 Trillion

REAL GDP
(Q4 2018)

N19.04 Trillion

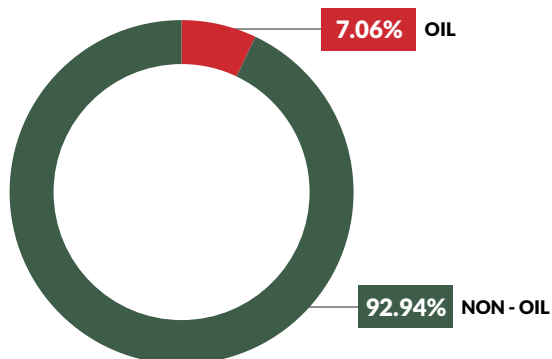


YEARLY GDP GROWTH RATE



GDP REPORT Q4 2018

CONTRIBUTION OF OIL AND NON-OIL SECTORS

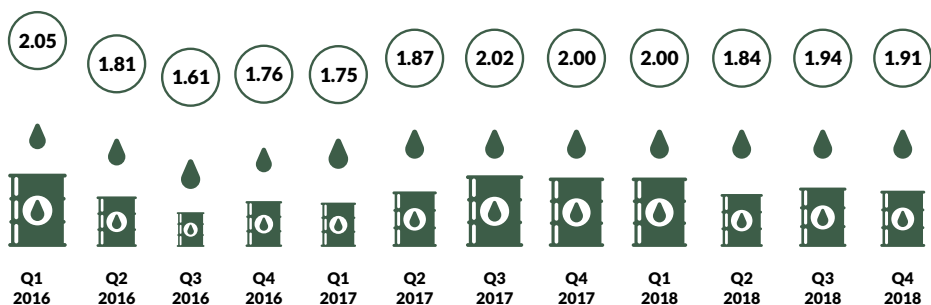


REAL GDP GROWTH RATE OF OIL AND NON-OIL SECTORS

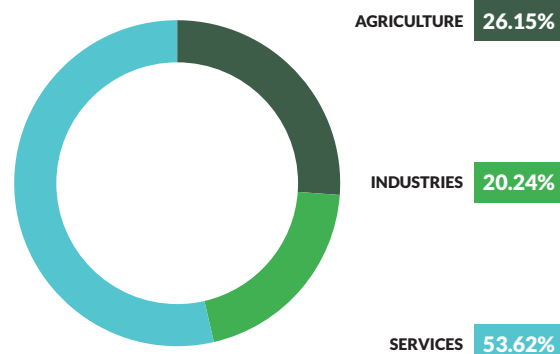
NON-OIL GDP							
Q1 2017	Q2 2017	Q3 2017	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018
0.72	0.45	-0.76	1.45	0.76	2.05	2.32	2.7

OIL GDP							
Q1 2017	Q2 2017	Q3 2017	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018
-15.6	3.53	23.03	11.2	14.77	-3.95	-2.91	-1.62

OIL PRODUCTION (MBPD)

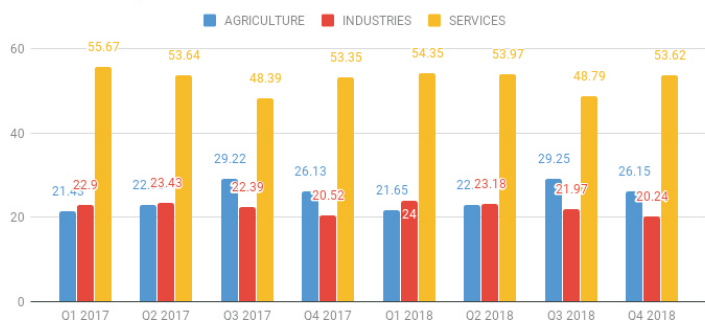


CONTRIBUTION TO REAL GDP Q4 2018 (%)



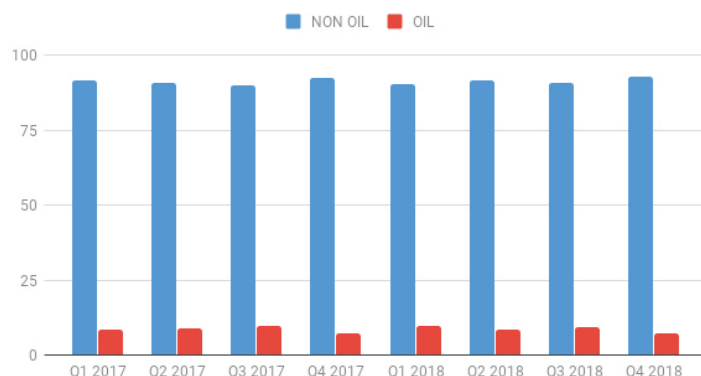
SHARE OF AGRICULTURE, INDUSTRY AND SERVICES

AGRICULTURE, INDUSTRIES and SERVICES



SHARE OF OIL AND NON-OIL SECTORS

NON OIL and OIL



Major Economic Sectors: Q4 2018

Agriculture

Four activities make up the Agricultural sector: Crop Production, Livestock, Forestry and Fishing. sector grew by 18.58% year-on-year in nominal terms in Q4 2018, showing an increase of 8.45% points from the same quarter of 2017, and 0.26% points increase from Q3 2018. Crop Production remains the major driver of the sector, accounting for 89.84% of nominal agriculture GDP. On an annual basis, agriculture GDP grew by 14.27%, higher than 11.29% recorded in 2017,

The sector contributed 23.08% to nominal GDP in Q4 2018, which is higher than its contribution in Q4 2017 (21.93%) but lower than it was in Q3 2018 (25.52%). On an annual basis, the sector contributed 21.42% to nominal GDP in 2018.

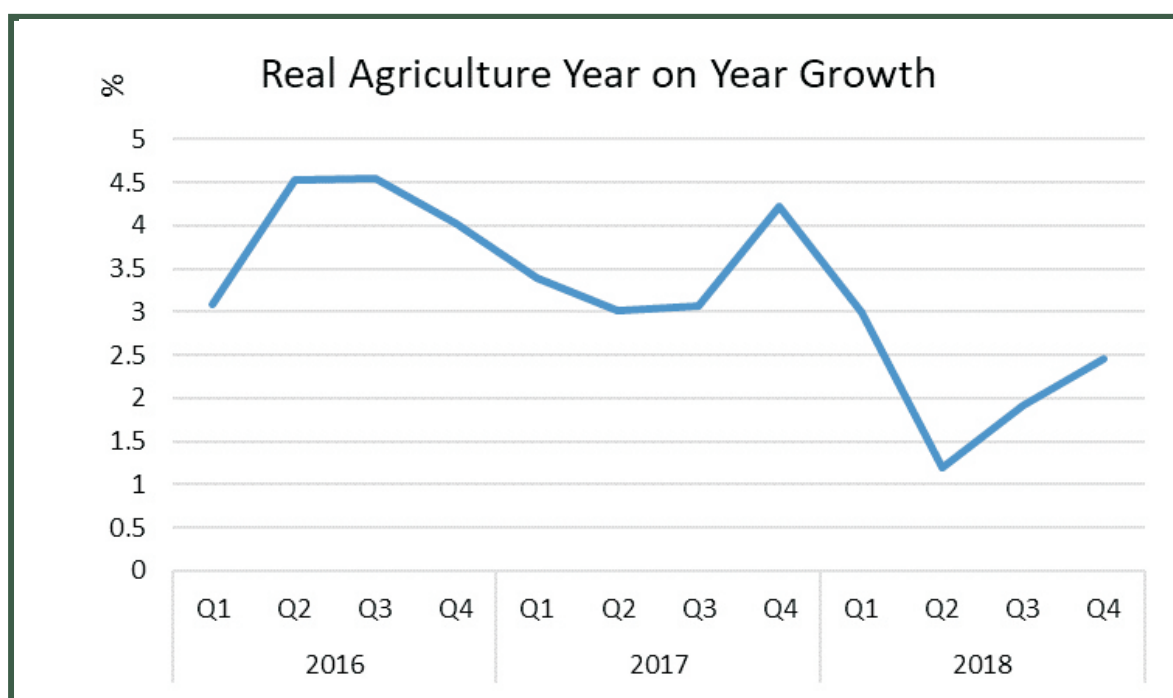


Figure 5: Agriculture real growth

In real terms, the agricultural sector grew by 2.46% (year-on-year), a decrease by -1.78% points from the corresponding period of 2017, but an increase of 0.55% points from the preceding quarter. Annual 2018 growth was 2.12%, which is lower than the 3.45% recorded in 2017.

The sector contributed 26.15% to overall GDP in real terms during the further quarter, slightly higher than the contribution in the fourth quarter of 2017 (26.13%), but lower than the third quarter of 2018 (29.25%). Agriculture sector contribution to real GDP in 2018 was recorded at 25.13%, up from 25.08% in 2017.

Mining & Quarrying

The Mining & Quarrying sector consists of Crude Petroleum and Natural Gas, Coal Mining, Metal ore and Quarrying and other Minerals sub-activities. In nominal terms, the sector recorded a growth rate of -9.40% in Q4 2018, but an annual growth rate of 30.46% in 2018. Quarrying and other minerals exhibited the highest growth rate of all the sub-activities at 123.82% during the quarter. However, Crude Petroleum and Natural gas remains the main contributor to the sector with a share of 96.39%. The Mining & Quarrying sector contributed 6.83% to overall GDP in the fourth quarter of 2018, lower than its contribution in Q4 2017 (8.50%) as well as in the preceding quarter (10.55%). On an annual basis, the sector accounted for 10.70% of nominal GDP in 2018, compared with 9.22% in 2017.

In real terms, the Mining and Quarrying sector grew by -1.23% in Q4 2018. This was lower than rate recorded in Q4 2017 (10.7%) but higher than the growth rate in Q3 2018 (-2.81%). The sector's contribution to real GDP in Q4 2018 stood at 7.23%, slightly lower than its contribution of 7.49% recorded in Q4 2017 and the 9.53% recorded in the Q3 2018. The sector contributed 8.74% to total real GDP in 2018.



Figure 4: Mining and Quarrying real growth

Manufacturing

The Manufacturing sector comprises 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.

In the fourth quarter of 2018, nominal GDP growth for the Manufacturing sector was recorded at 33.57%, which is 24.37% points higher than the rate recorded in the corresponding period of 2017 (9.20%) but only 0.84% points higher than the preceding quarter's (32.73%). Quarter on Quarter growth of the sector stood at 6.62%, while annual growth was 24.00% in 2018. The contribution of Manufacturing to nominal GDP in Q4 2018 was 10.11%, which is higher than its contribution in the corresponding period of 2017 (8.53%) and Q3 2018 (10.01%). For 2018, the sector contributed 9.75% to total nominal GDP, higher than its contribution, of 8.83% in 2017.

Real GDP growth in the Manufacturing sector was recorded at 2.35% in Q4 2018, which is higher than the 0.14% recorded in the same quarter of 2017 and 1.92% recorded in the preceding quarter (Figure 6). On a quarter-on-quarter basis, the sector growth rate stood at 5.46%, while the annual growth rate was 2.09% in 2018. The annual growth rate was a significant improvement over the previous year's growth rate of -0.21%. The sector's contribution to real GDP in Q4 2018 did not change from its 2017 share (8.86%) and this was also reflected in the annual contribution, which rose only slightly from 9.18% in 2017 to 9.20% in 2018.

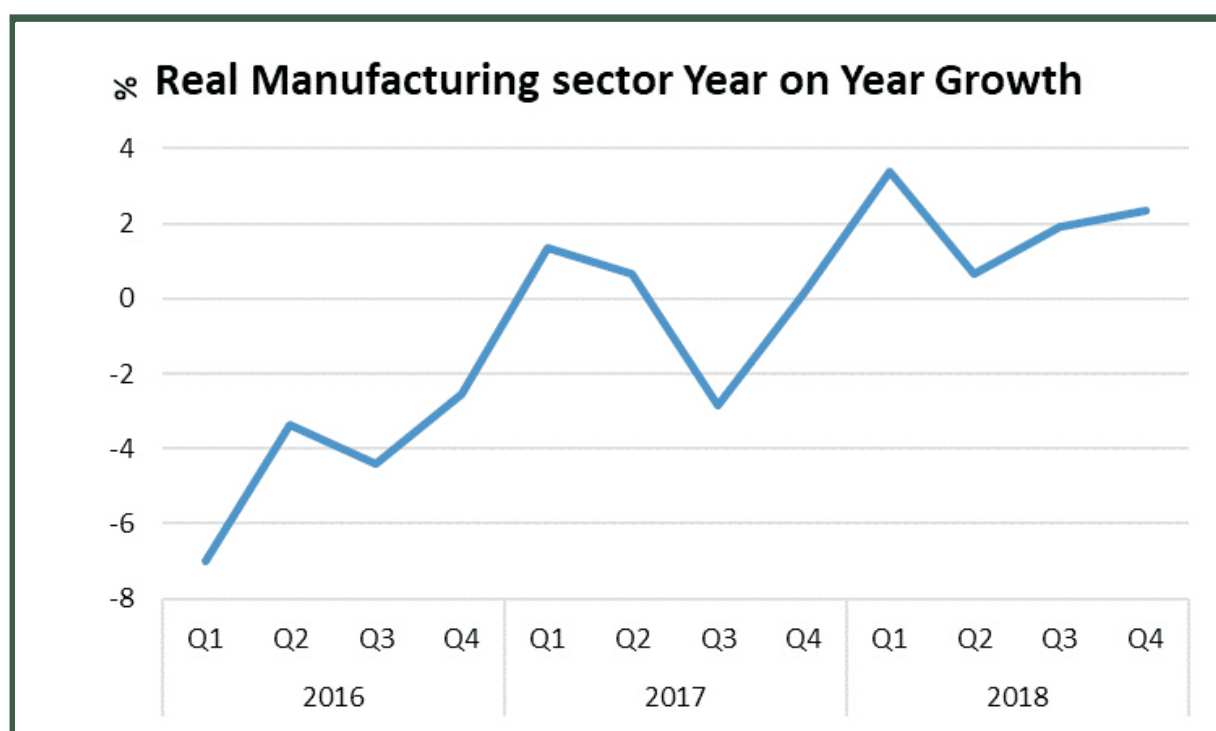


Figure 6: Manufacturing real growth

Electricity, Gas, Steam and Air Conditioning Supply

In nominal terms, the Electricity, Gas, Steam and Air conditioning Supply sector recorded a growth rate of 27.59% in Q4 2018, an improvement over its growth rate of 25.45% recorded in Q4 2017, but slower than the 50.47% recorded in the preceding quarter. Quarter-on-quarter, the sector recorded a growth rate of 36.97%. The sector grew on an annual basis of 30.49%, up from its 27.30% recorded in 2017. The contribution of Electricity, Gas, Steam and Air Conditioning Supply to nominal GDP in Q4 2018 was 0.93%, which is higher than its contribution in the corresponding quarter of 2017 (0.82%) as well as its contribution in the preceding quarter (0.72%). Its contribution to annual nominal GDP in 2018 stood at 0.68%.

In real terms, this sector grew by 0.95% in Q4 2018, a decline from the growth rate of 16.03% recorded in the same quarter of 2017. Compared to the preceding quarter's growth rate of 18.27% however, there was a sharp decline of -17.32% points. Quarter-on-Quarter, the sector grew at a rate of 36.95%. For 2018, the sector's growth rate was recorded at 7.30%, which was lower than the 16.43% recorded in 2017. The sector's contribution to real GDP in Q4 2018 was unchanged from the corresponding quarter of 2017, and was only slightly higher for 2018 (0.41%) than for 2017 (0.39%).

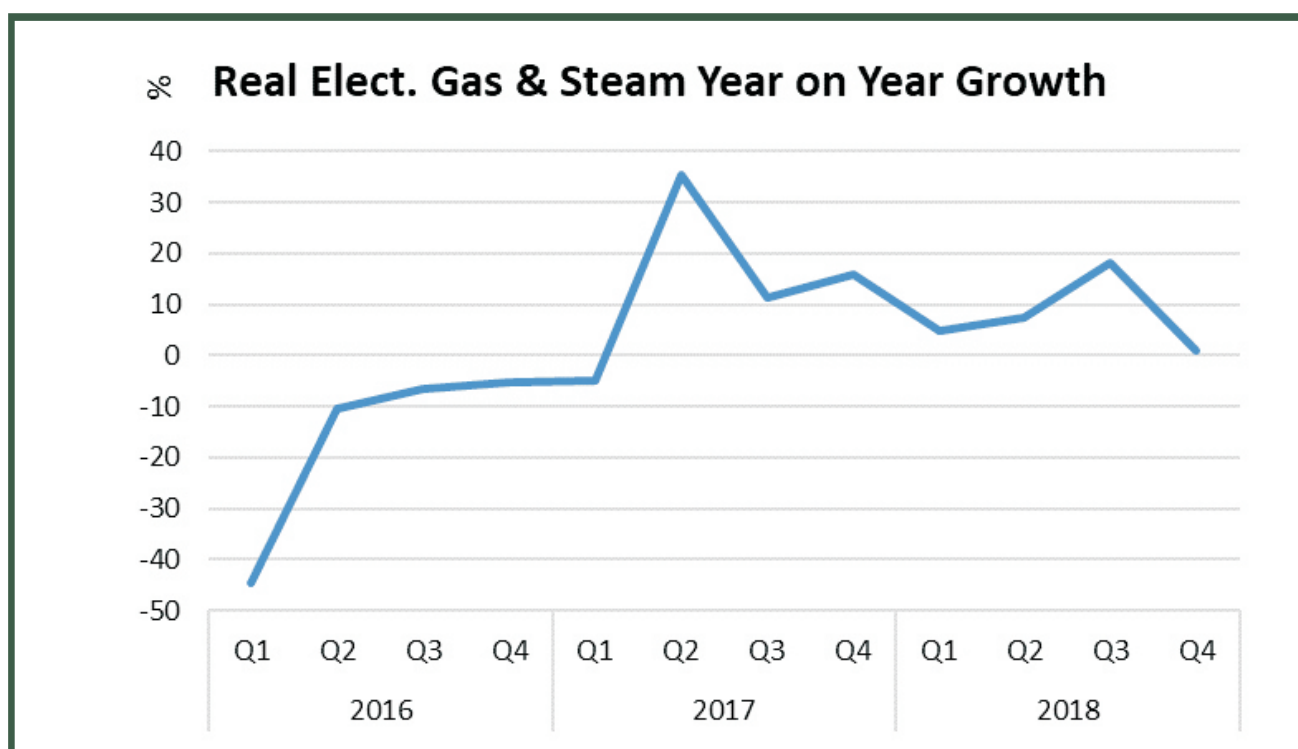


Figure 7: Elect. Gas an Steam real growth

Construction

In nominal terms, the Construction sector grew by 58.51% in Q4 2018, an increase of 39.26% points when compared to the growth rate of 19.25% that was recorded in Q4 2017, and an increase of 5.84% points when compared to its growth rate in the preceding quarter. Quarter on quarter, nominal growth in this sector was 26.41%, while for 2018, nominal growth rate was 40.85%. Furthermore, the sector contributed 5.03% to nominal GDP in Q4 2018, which is higher than both the 3.58% contribution a year earlier and the 4.20% contribution recorded in Q3 2018. On an annual basis, nominal contribution to GDP in 2018 also improved (4.72%), compared to 2017 (3.77%).



Figure 8: Construction real growth

In real terms, the sector recorded a growth rate of 2.05% (year on year) in Q4 2018, representing a decline of -2.09% points from the rate recorded a year earlier. However, the Q4 performance was better by 1.51% points when compared to the preceding quarter's 0.54% growth rate. Quarter on quarter, the sector grew by 21.72% in real terms. Total real growth rate of the construction sector in 2018 was recorded at 2.33%, up from 1.00% recorded in 2017.

The sector's contribution to real GDP in Q4 2018 remained relatively unchanged (3.48%) compared to a year earlier (3.49%), but higher than in the preceding quarter (3.01%). The sector contribution to total real GDP in 2018 also remained relatively stable at 3.73% compared to 2017.

Trade

In Q4 2018, nominal growth rate for Trade stood at 4.41%, representing an increase of 1.30% points when compared to the same quarter of 2017, and 0.64% points higher than Q3 2018. The quarter on quarter growth rate was 10.64%. Trade grew at 1.60% in year 2018, as against 4.34% in year 2017. Trade's contribution to nominal GDP in the fourth quarter of 2018 was 17.24%, lower than its contribution in Q4 2017 (18.60%), but higher than the contribution in the preceding quarter (16.45%). Overall, trade contributed 17.16% to nominal GDP in 2018.



Figure 9: Trade real growth

In real terms, Trade GDP growth rate stood at 1.02%, which is -1.05% points lower than the rate recorded one year prior, but 0.04% points higher than recorded in the preceding quarter. Quarter on quarter growth stood at 9.93%. Though slightly better than 2017, growth rate of real Trade GDP in 2018 remained negative at -0.63%. Trade's contribution to real GDP was 16.50%, lower than the 16.72% it contributed the previous year, but still higher than the 15.80% recorded in Q3 2018. The contribution of Trade to real GDP in 2018 stood at 16.44%, a slight decline from 16.86% recorded for 2017.

Accommodation and Food Services

In nominal terms, Accommodation and Food Services grew by 24.24% year on year in Q4 2018. This represents an increase of 17.08% points relative to the same quarter of 2017 which saw a growth rate of 7.16%. Growth was also higher than in the preceding quarter by 3.35% points. For 2018, this activity grew by 16.27% in nominal terms, as against 6.39% in 2017. By nominal contribution, Accommodation and Food Services accounted for 1.02% of nominal GDP in the quarter under review, slightly higher than its

contribution a year earlier. For the four quarters of 2018, this activity accounted for 0.90% of nominal GDP in 2018.

The real year on year growth rate for this activity in Q4 2018 stood at 2.05%, higher by 1.27% points from 0.78% recorded a year earlier. Relative to the preceding quarter, the growth rate was lower by -0.61% points. Quarter on quarter real growth was 15.12%, while annual real GDP growth for this activity was 1.76% in 2018. In real terms, this activity's contribution to real GDP remained unchanged from 2017: it accounted for 0.95% of real GDP in the fourth quarter, and 0.89% on an annual basis.

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.

In the fourth quarter of 2018, the sector grew by 32.89% in nominal terms, which is higher than the 24.10% recorded for the corresponding quarter of 2017 and 31.53% recorded in the previous quarter. During the quarter, the fastest growing of the six activities, were Air Transport and road transport. Quarter on quarter growth stood at 30.53%. For 2018, growth rate of nominal GDP in this sector was 30.26%, higher than 13.60% in 2017. By contribution, Transport accounted for 2.05% of nominal GDP in Q4 2018, and 1.82% of total nominal GDP in 2018.

In real terms, the Transportation and Storage sector grew by 9.48% in Q4 2018. This represented a decline of -7.09% points relative to the same quarter of 2017, and a decrease of -2.47% points relative to the preceding quarter. Quarter on Quarter, growth was 25.26%. In 2018, real GDP growth for this activity was 13.91%, considerably higher than real growth rate of 3.86 recorded in 2017. The sector's contribution to real GDP in Q4 2018 was 1.46% and 1.37% for the whole of 2018, road transport being the dominant activity (85%).

Information & Communication

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

In nominal terms, the fourth quarter of 2018 saw the sector grow by 14.82% (year-on-year), or 15.37% points higher than the growth rate recorded in Q4 2017, and 1.41% points higher than the growth rate recorded in the preceding quarter. The quarter on quarter growth rate recorded in the current quarter was 24.20%. In 2018, the sector grew by 10.77% in nominal terms. By contribution, the Information and Communications sector contributed 10.23% to total nominal GDP in Q4 2018, slightly higher than its

contribution of 10.04% in Q4 2017 and 8.70% in Q3 2018. For 2018, annual contribution to nominal GDP was 10.16%.

In real terms, the sector recorded a growth rate of 13.20% in Q4 2018., representing an increase of 14.65% points when compared to Q4 2017. Quarter on quarter, the sector exhibited a real GDP growth rate of 23.75%. For 2018, real GDP growth rate stood at 9.65%. By contribution, the sector accounted for 12.40% of total real GDP in Q4 2018 and 12.22% of total real GDP in 2018.

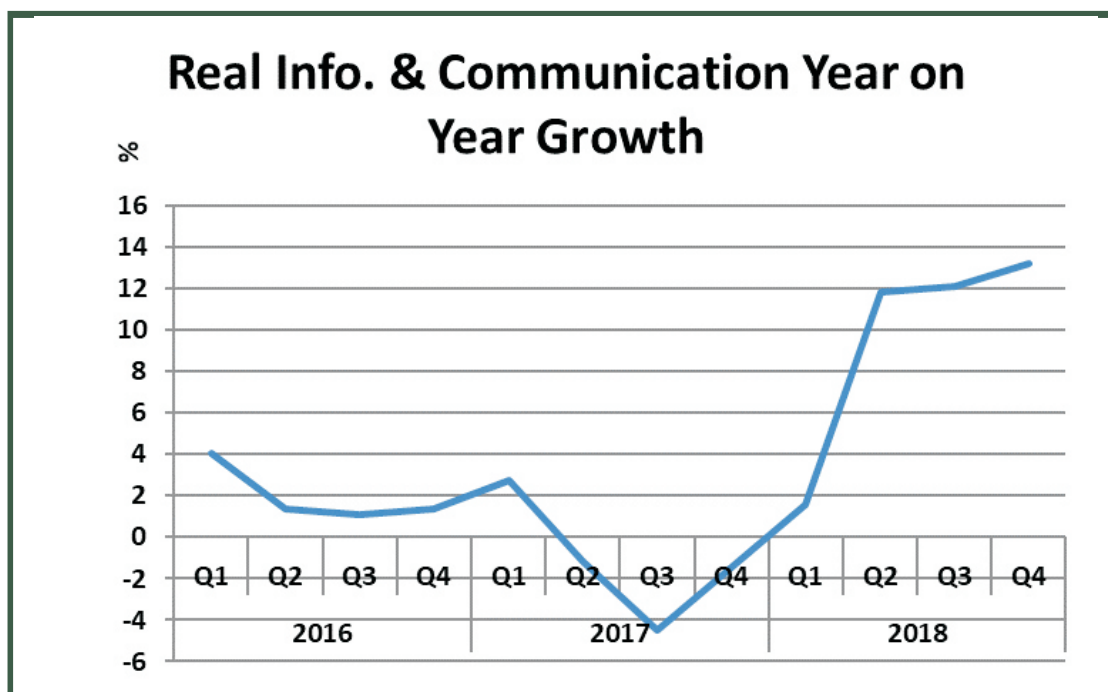


Figure 10: Info and Communication real growth

Arts, Entertainment and Recreation

In Nominal terms, Arts, Entertainment and Recreation sector grew by 5.06% in Q4 2018, representing an increase of 1.51% points relative to the preceding quarter and an increase of 0.89% points relative to the preceding year. Annual growth in nominal terms was 3.06% in 2018, a decline from 9.07% recorded in 2017. By contribution, the activity accounted for 0.18% of nominal GDP in Q4 2018 and 0.21% of total annual nominal GDP in 2018.

In real terms, the activity grew by 4.18% in Q4 2018, which is higher than the rate recorded in Q4 2017 by 0.64% points, and the rate recorded in Q3 2018 by 1.35% points. On an annual basis, real GDP growth rate was slower for the activity in 2018, at 2.53% compared to 4.13% recorded in 2017. Arts, Entertainment and Recreation contributed 0.20% to real GDP in Q4 2018, and 0.22% for the whole of 2018, remaining relatively stable over the past year.

Real Estate Services

In nominal terms, real estate services in the fourth quarter of 2018 grew by 3.78%, higher than the growth rate reported for Q4 2017 by 7.12% points, and higher by 0.11% points when compared to the preceding quarter. On an annual basis, the nominal growth rate was 0.48% in 2018, lower than the 3.01% recorded in 2017. Quarter-on-quarter, the sector growth rate was 8.52%. The contribution to nominal GDP in Q4 2018 and for the whole of 2018 stood at 7.07% and 6.76% respectively, slightly lower than the comparable periods in 2017.

Real GDP growth recorded in the sector in Q4 2018 stood at -3.85%, higher than the growth recorded in Q4 2017 by 2.07% points, but lower by -1.17% points relative to Q3 2018. Quarter-on-quarter, the sector grew by 6.91% in the fourth quarter 2018. It contributed 6.60% to real GDP in Q4 2018, higher than the 6.50% it recorded in the preceding quarter but lower than the corresponding quarter of 2017. The activity accounted for 6.41% of total real GDP in 2018.

Finance and Insurance

The Finance and Insurance Sector consists of the two subsectors, Financial Institutions and Insurance, which account for 88.74% and 11.26% of the sector respectively in real terms in Q4 2018.

As a whole, the sector grew by 1.54% in nominal terms (year on year), with Financial Institutions growing slower at 1.16% than Insurance (4.63%). The sector's nominal GDP growth rate in Q4 2018 was higher than that in Q4 2017 by 0.28% points, and higher by 3.71% points than in the preceding quarter. Quarter on Quarter growth was 14.27%. Total nominal GDP growth for 2018 was recorded at 4.20% as against 6.75% in 2017. The sector's contribution to the nominal GDP was 2.84% in Q4 2018, and 3.13% for the four quarters of 2018.

In real terms, this sector grew by -1.76% in Q4 2018, lower by -1.99% points from the rate recorded the previous year, but up 3.04% points from the rate recorded in the preceding quarter. Quarter on quarter growth in real terms stood at 13.54%. Annual real GDP growth in 2018 was recorded at 2.03%, up from 1.26% in 2017. The contribution of Finance and Insurance to real GDP totaled 2.72%, lower than the contribution of 2.83% recorded in the fourth quarter of 2017, and higher than 2.52% recorded in Q3 2018. On an annual basis, the sector accounted for 3.00%, relatively unchanged from the previous year.

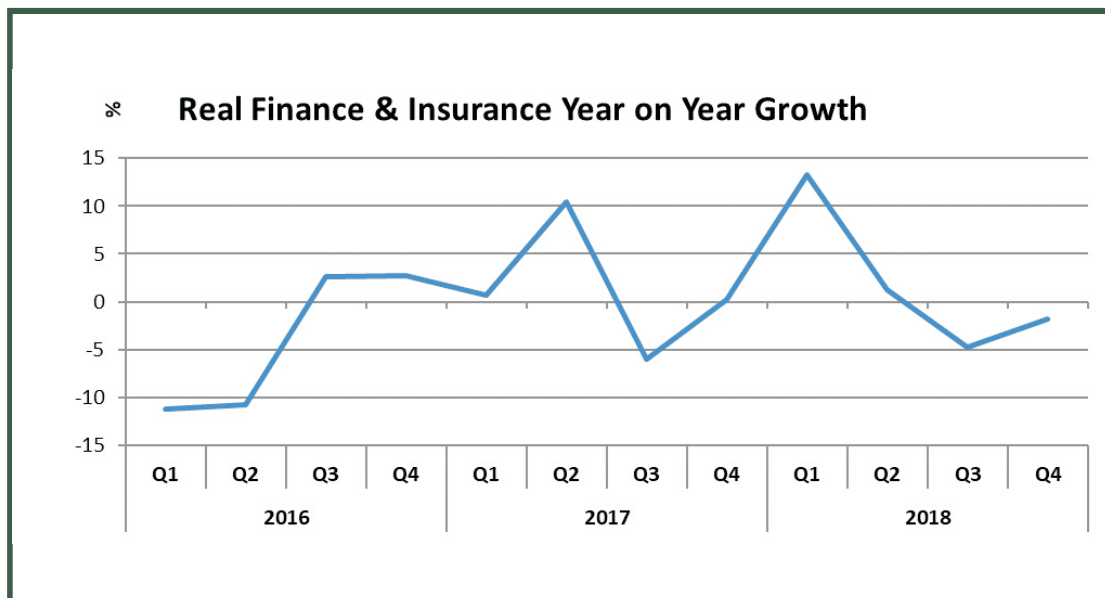


Figure 11: Finance and Insurance real growth

Administrative and Support Services

In nominal terms, the Administrative and Support Services sector grew by 4.22% (year on year) in Q4 2018, higher by 1.01% points compared to fourth quarter 2017, but -0.63% points lower than the growth rate in the preceding quarter. Quarter on Quarter growth rate in the sector was 2.39% in Q4 2018, while annual nominal growth rate was 2.09% in 2018. The contribution of Administrative and Support Services to nominal GDP in Q4 2018, as well as for the whole of 2018 was recorded at 0.02%, remaining unchanged from the previous year.

In real terms, the sector recorded a growth rate of 0.83% (year-on-year), a decrease of -1.33% points from the corresponding quarter of 2017 and -1.19% points compared to Q3 2018. Quarter-on-quarter, the sector grew by 1.73% in Q4 2018. Consequently, annual real growth was -0.18%, which is lower than the 0.64% growth of year 2017. The sector's contribution to real GDP was 0.02% in 2018 roughly unchanged from 2017.

Education

Nominal growth In the Education sector in the fourth quarter of 2018 was 8.47% (year-on-year), up by 7.10% points compared to the corresponding quarter of 2017, and 2.27% points when compared to Q3 2018 growth rate of 6.20%. The sector grew by 5.55% in year 2018, from 5.92% in year 2017. The contribution of Education to nominal GDP in Q4 2018 was 2.53%; down from 2.63% estimated in Q4 2017 but up from 2.13% in Q3 2018. The sector accounted for 2.14% of aggregate nominal GDP in year 2018.

Real GDP growth in Education stood at 0.35% in Q4 2018; an increase of 1.39% points from the

corresponding quarter of 2017 which was estimated at -1.04%. When compared with Q3 2018, real GDP grew by 0.78% points. For 2018, real GDP growth for the sector, however, was -0.03%. The Sector accounted for 2.51% of aggregate real GDP in Q4 2018 and 2.16% of total real GDP in 2018.

Professional, Scientific and Technical Services

In Q4 2018, Professional, Scientific and Technical Services recorded a nominal growth of 3.83% (year-on-year), which is 2.16% points higher than Q4 2017, but -0.92% points down from Q3 2018. Quarter-on-quarter, the sector grew by 4.92%. For 2018, the sector grew in nominal terms by 2.87%, lower than 4.86% recorded in year 2017. The contribution of Professional, Scientific and Technical Services to aggregate nominal GDP was 3.88% in Q4 2018, down from the 4.21% in Q4 2017 and 3.90% recorded in Q3 2018. The activity accounted for 3.81% of total nominal GDP in 2018,.

Real growth in this activity was recorded at 0.46% in Q4 2018, a decrease of -0.18% points relative to the rate recorded in the corresponding period of 2017, and -1.47% points lower than that of Q3 2018. On a quarter-on-quarter basis, the activity grew by 4.24% in Q4 2018, and on an annual basis, by 0.57% in 2018, higher than -0.26 recorded in year 2017. Professional, Scientific and Technical Services contributed 3.71% to aggregate GDP in Q4 2018, slightly lower than the 3.75% it contributed in Q3 2018 and 3.78% of Q4 2017. In 2018, the activity accounted for 3.64%, of aggregate real GDP, largely stable compared to 3.69% in 2017.

Public Administration

In nominal terms, the Public Administration sector grew by 3.03% in Q4 2018, higher by 2.45% points from the corresponding quarter of 2017 and 1.23% points relative to Q3 2018. Quarter-on-quarter, the sector grew by 17.72%. For 2018, nominal GDP growth was 0.15%. The contribution of Public Administration to nominal GDP stood at 2.35% in Q4 2018, lower than the 2.57% recorded in Q4 2017 but higher than the 2.10% recorded in Q3 2018. The contribution to aggregate GDP in 2018 was recorded at 2.29%, lower than 2.57% in 2017.

In real terms, the activity recorded a growth rate of -0.32% (year on year) in Q4 2018, which is 0.13% points higher than the Q4 2017 rate, and 0.63% points higher than the Q3 2018 rate. On quarter on quarter basis, the sector grew by 16.96% in Q4 2018, but declined by -2.05% in real terms on an annual basis. The contribution of Public Administration to aggregate real GDP stood at 2.25% in Q4 2018, lower compared to 2.31% recorded in Q4 2017 but higher than 2.02% recorded in Q3 2018. On an annual basis, public administration contributed 2.19% to aggregate real GDP in 2018.

Human Health and Social Services

The year on year growth rate for Human Health and Social Services in nominal terms was 6.91%, an increase of 5.00% points relative to the growth rate of 1.91% reported in the same quarter of 2017. Quarter on Quarter growth was 6.90%, while annual growth stood at 4.70% in 2018. The contribution to nominal GDP was 0.63 % in Q4 2018, down from the 0.66% recorded in Q4 2017, but up from the 0.62% recorded in Q3 2018. On an annual basis, the activity accounted for 0.64 % of total nominal GDP in 2018, relatively unchanged from the previous year.

Real GDP growth of Human Health and Social Services for Q4 2018 stood at -0.64% (year-on-year) compared to -0.38% for the corresponding period of 2017, a decline of -0.26% points. Quarter-on-quarter, real GDP grew by 5.38%, but contracted by -0.32% on an annual basis in 2018. The contribution of Human Health and Social Services to real GDP was 0.65% in Q4 2018 and 0.68% for 2018, both remaining largely unchanged from the previous year.

Other Services

In nominal terms, Other Services grew by 4.64% (year-on-year) in Q4 2018. This growth rate is higher than the 4.52% growth rate recorded in the same quarter of the previous year, and lower than the growth rate of 5.71 % of Q3 2018. Quarter on quarter, nominal growth was 52.25% and 4.36%4.36% for 2018. By contribution, this sector accounted for 3.82% of aggregate nominal GDP in Q4 2018, lower than the 4.12% it contributed in the same period of the previous year but higher than 2.65% recorded for the preceding quarter. On an annual basis, the sector accounted for 3.53% of aggregate nominal GDP.

Other Services real GDP grew by 1.24% (year-on-year) in Q4 2018. This growth was lower by -2.22 % points than the growth recorded in the same period of the previous year, and lower by -1.62% points from Q3 2018. Quarter on Quarter growth was 51.27%, while real GDP growth was 2.17% for 2018. The sector contributed 3.66% to real GDP in Q4 2018 as against the 3.70% reported for the corresponding quarter of 2017 and 2.55% recorded in Q3 2018. For 2018, the sector accounted for 3.38% of total real GDP.

GDP REPORT Q4 2018

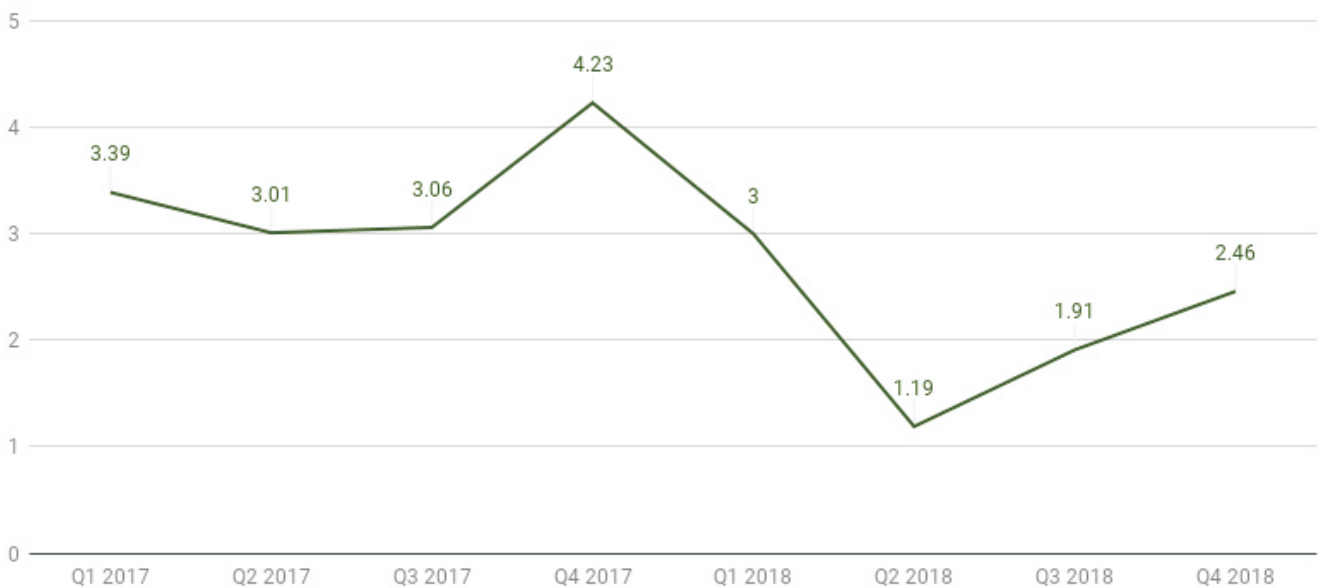
Agriculture: Q1 2017 - Q4 2018

Agriculture sector



Agriculture sector grew by 2.46% in Q4 2018 from 1.91% in Q3 2018 and 4.23% in Q4 2017

AGRICULTURE



GDP REPORT Q4 2018

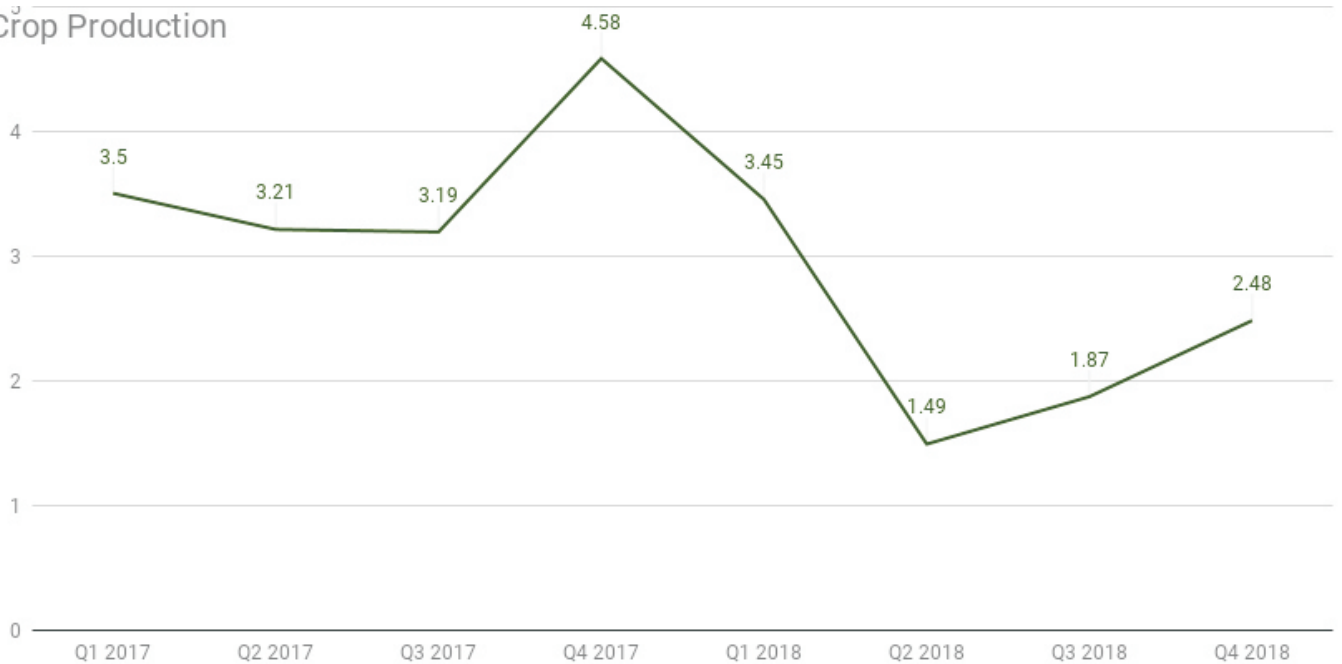
Crop Production: Q1 2017 – Q4 2018

Crop Production



Crop production under agriculture sector grew by 2.48% in Q4 2018 from 1.87% in Q3 2018 and 4.58% in Q4 2017.

Crop Production



GDP REPORT Q4 2018

Livestock: Q1 2017 - Q4 2018

Livestock



Livestock under agriculture sector grew by 2.35% in Q4 2018 from 2.56% in Q3 2018 and 0.19% in Q4 2017.

Livestock



GDP REPORT Q4 2018

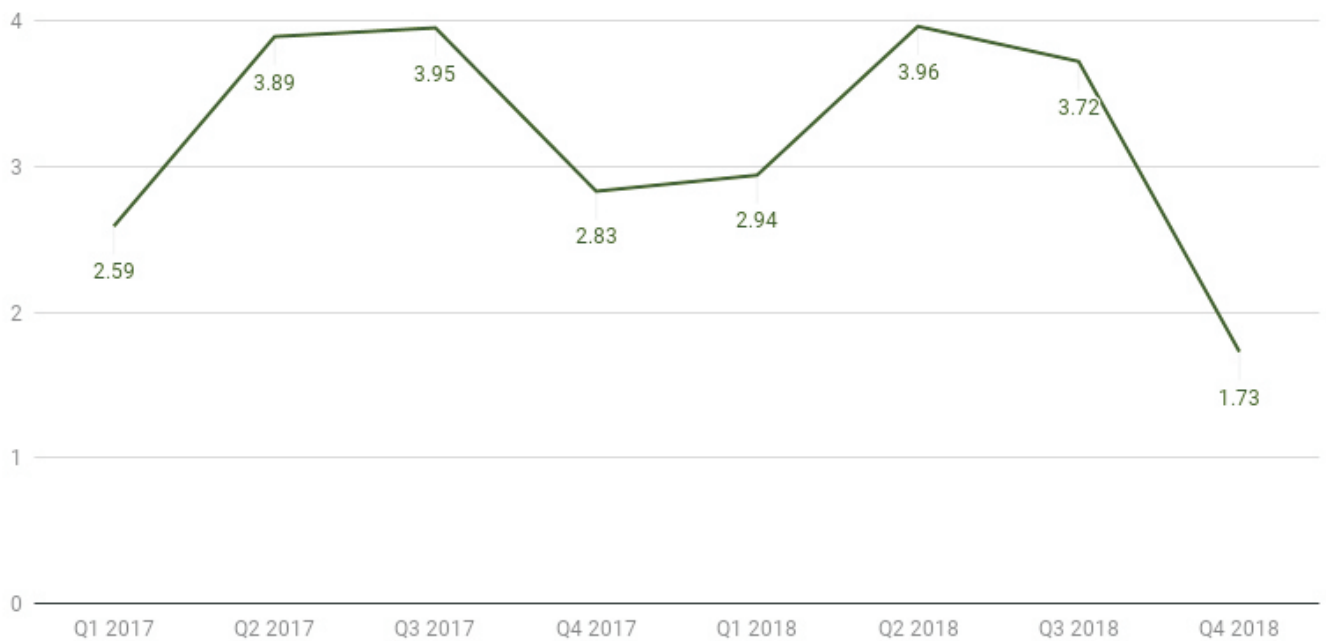
Forestry: Q1 2017 – Q4 2018

Forestry



Forestry under agriculture sector grew by 1.73% in Q4 2018 from 3.72% in Q3 2018 and 2.83% in Q4 2017.

Forestry



GDP REPORT Q4 2018

Fishing: Q1 2017 - Q4 2018

Fishing



Fishing under agriculture sector grew by 1.97% in Q4 2018 from 0.84% in Q3 2018 and 4.05% in Q4 2017.

Fishing



GDP REPORT Q4 2018

Mining and Quarrying sector: Q1 2017 - Q4 2018

Mining and Quarrying sector



Mining and Quarrying sector contracted by -1.23% in Q4 2018 from -2.81% in Q3 2018 and 10.7% in Q4 2017.

MINING AND QUARRYING



GDP REPORT Q4 2018

Crude Petroleum and Natural Gas: Q1 2017 – Q4 2018

Crude Petroleum



Crude Petroleum and Natural Gas under Mining And Quarrying sector contracted by -1.62% in Q4 2018 from -2.91% in Q3 2018 and 11.2% in Q4 2017.

Crude Petroleum and Natural Gas



GDP REPORT Q4 2018

Coal Mining: Q1 2017 - Q4 2018

Coal Mining



Coal Mining under Mining And Quarrying sector contracted by -18.78% in Q4 2018 from -1.74% in Q3 2018 and 2.86% in Q4 2017.

Coal Mining



GDP REPORT Q4 2018

Metal Ores: Q1 2017 - Q4 2018

Metal Ores



Metal Ores under Mining And Quarrying sector grew by 8.41% in Q4 2018 from 17.04% in Q3 2018 and 31.86% in Q4 2017.

Metal Ores



GDP REPORT Q4 2018

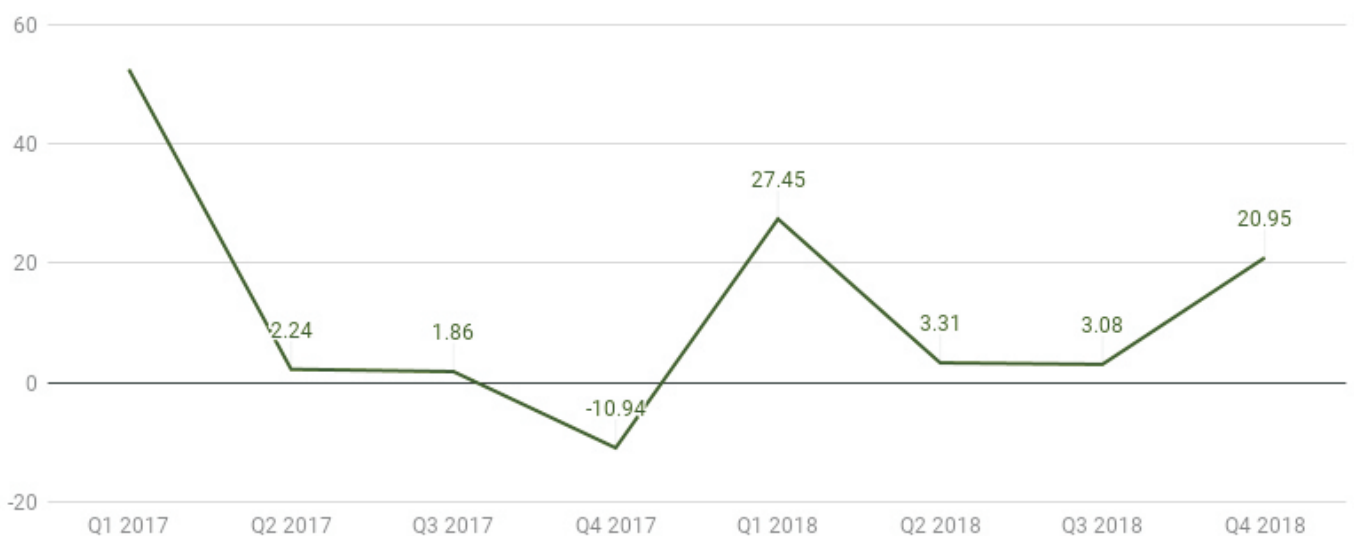
Quarrying and Other Minerals: Q1 2017 - Q4 2018

Quarrying and Other Minerals



Quarrying and Other Minerals under Mining And Quarrying sector grew by 20.95% in Q4 2018 from 3.08% in Q3 2018 and -10.94% in Q4 2017

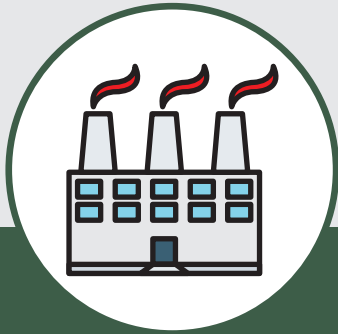
Quarrying and Other Minerals



GDP REPORT Q4 2018

Manufacturing sector: Q1 2017 – Q4 2018

Manufacturing sector



Manufacturing sector grew by 2.35% in Q4 2018 from 1.92% in Q3 2018 and 0.14% in Q4 2017.

Manufacturing sector



GDP REPORT Q4 2018

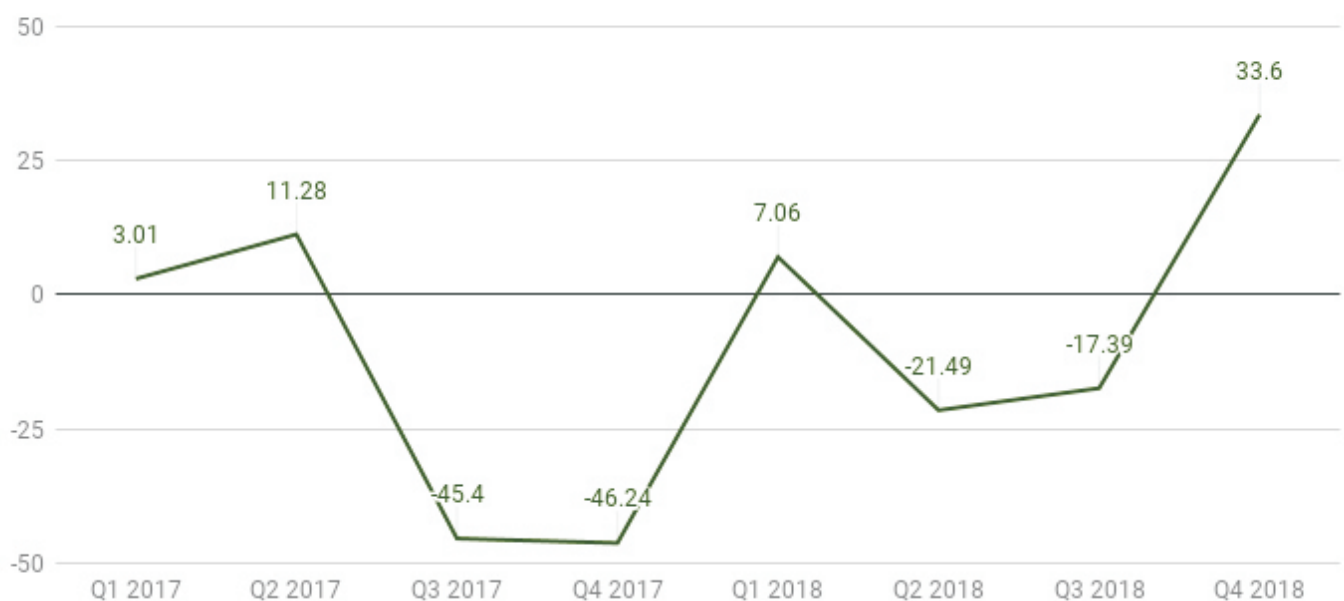
Oil Refining: Q1 2017 - Q4 2018

Oil Refining



Oil Refining under Manufacturing sector grew by 33.6% in Q4 2018 from -17.39% in Q3 2018 and -46.24% in Q4 2017

Oil Refining



GDP REPORT Q4 2018

Cement: Q1 2017 - Q4 2018

Cement



Cement under Manufacturing sector grew by 0.98% in Q4 2018 from 8.14% in Q3 2018 and -1.92% in Q4 2017

Cement



GDP REPORT Q4 2018

Food, Beverage and Tobacco: Q1 2017 – Q4 2018

Food, Beverage and Tobacco



Food, Beverage and Tobacco under Manufacturing sector grew by 2.22% in Q4 2018 from 2.9% in Q3 2018 and 2.18% in Q4 2017

Food, Beverage and Tobacco



GDP REPORT Q4 2018

Textile, Apparel and Footwear: Q1 2017 – Q4 2018

Textile, Apparel and Footwear



Textile, Apparel and Footwear under Manufacturing sector grew by 1.24% in Q4 2018 from 1.04% in Q3 2018 and 1.65% in Q4 2017

Textile, Apparel and Footwear



GDP REPORT Q4 2018

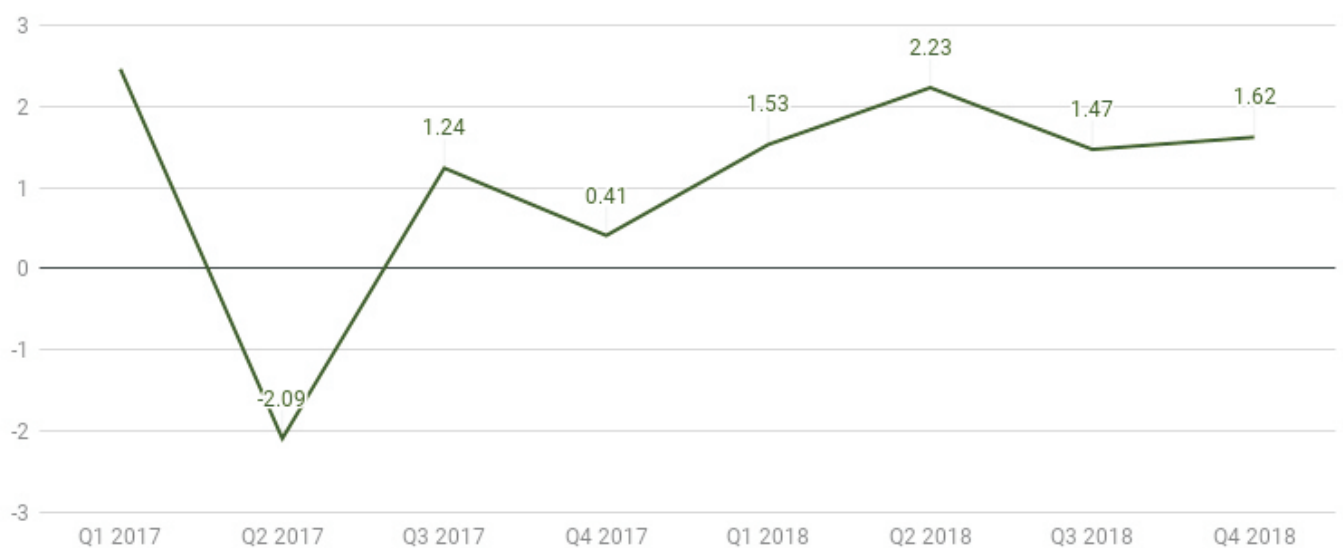
Wood and Wood Products: Q1 2017 – Q4 2018

Wood and Wood Products



Wood and Wood Products under Manufacturing sector grew by 1.62% in Q4 2018 from 1.47% in Q3 2018 and 0.41% in Q4 2017

Wood and Wood Products



GDP REPORT Q4 2018

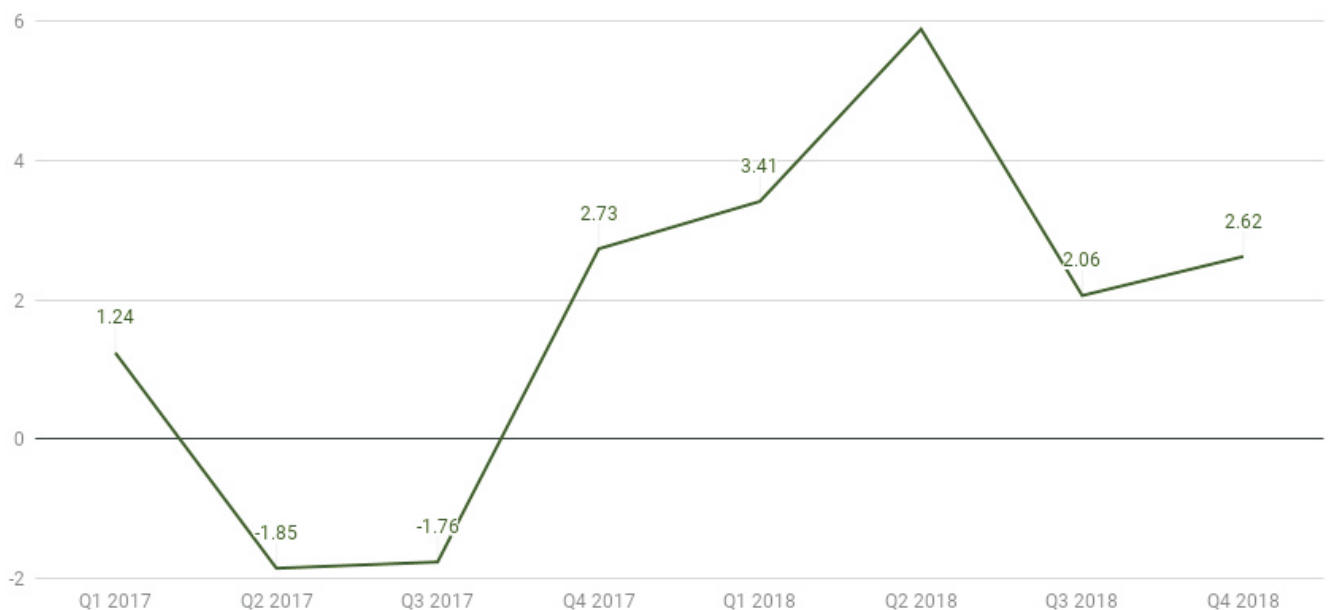
Pulp, Paper and Paper: Q1 2017 – Q4 2018

Pulp, Paper and Paper Products



Pulp, Paper and Paper under Manufacturing sector grew by 2.62% in Q4 2018 from 2.06% in Q3 2018 and 2.73% in Q4 2017

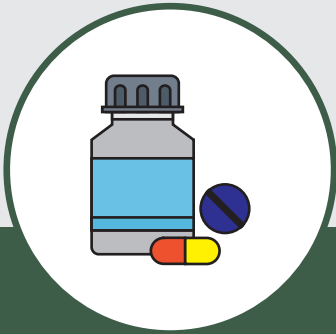
Pulp, Paper and Paper



GDP REPORT Q4 2018

Chemical and Pharmaceutical Products: Q1 2017 – Q4 2018

Chemical and Pharmaceutical Products



Chemical and Pharmaceutical Products under Manufacturing sector grew by 1.52% in Q4 2018 from 1.24% in Q3 2018 and 4.8% in Q4 2017

Chemical and Pharmaceutical Products



GDP REPORT Q4 2018

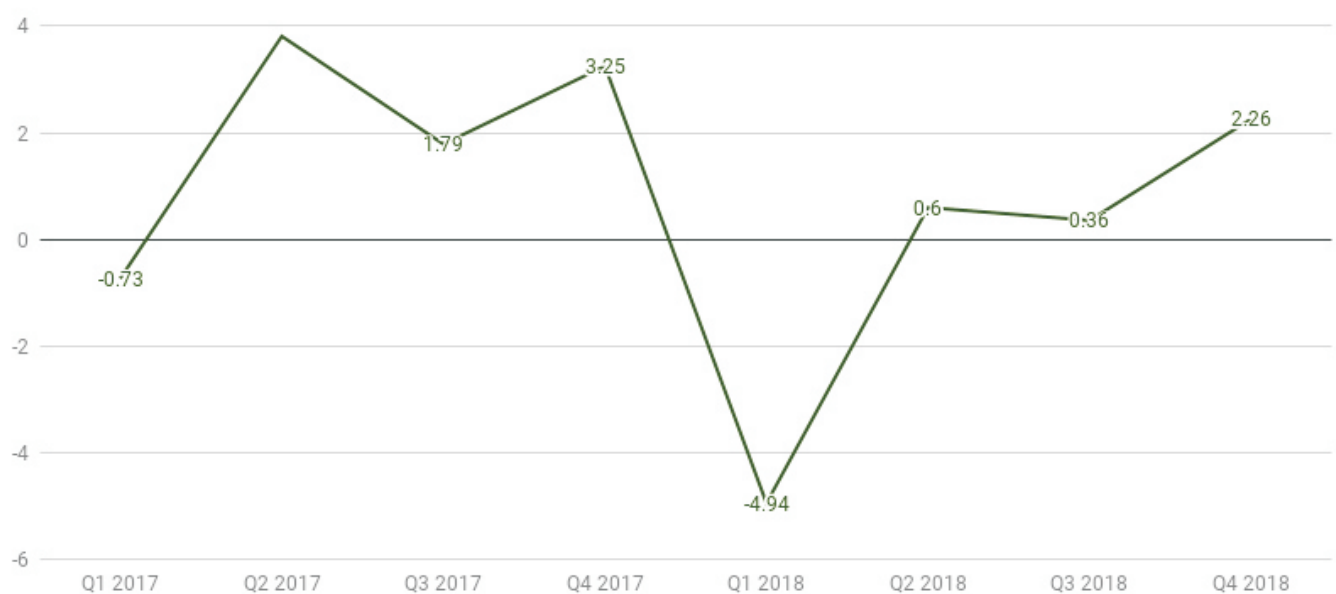
Non-Metallic Products: Q1 2017 – Q4 2018

Non-Metallic Products



Non-Metallic Products under Manufacturing sector grew by 2.26% in Q4 2018 from 0.36% in Q3 2018 and 3.25% in Q4 2017

Non-Metallic Products



GDP REPORT Q4 2018

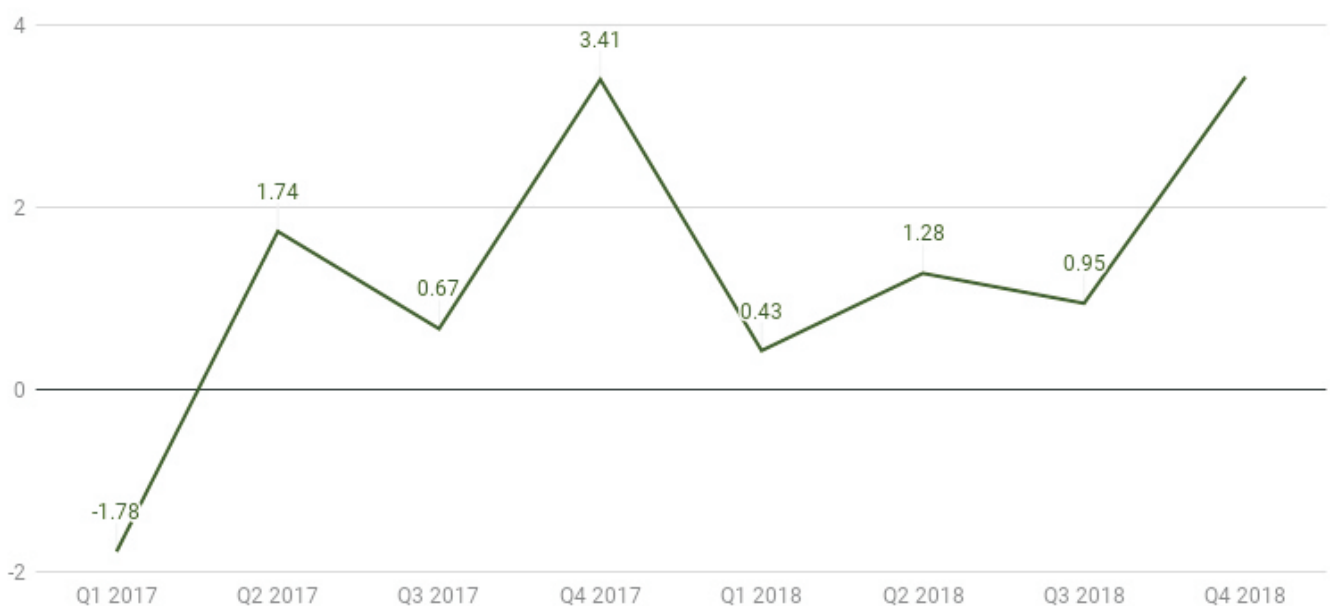
Plastic and Rubber Products: Q1 2017 – Q4 2018

Plastic and Rubber Products



Plastic and Rubber Products under Manufacturing sector grew by 3.44% in Q4 2018 from 0.95% in Q3 2018 and 3.41% in Q4 2017

Plastic and Rubber Products



GDP REPORT Q4 2018

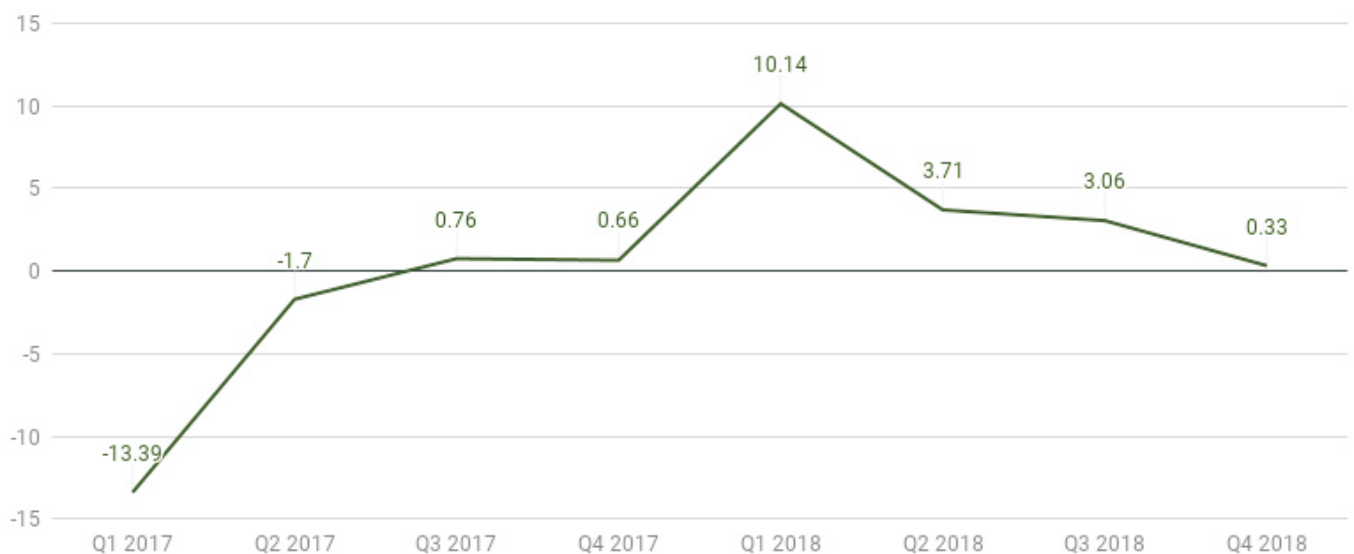
Electrical and Electronics: Q1 2017 - Q4 2018

Electrical and Electronics



Electrical and Electronics under Manufacturing sector grew by 0.33% in Q4 2018 from 3.06% in Q3 2018 and 0.66% in Q4 2017

Electrical and Electronics



GDP REPORT Q4 2018

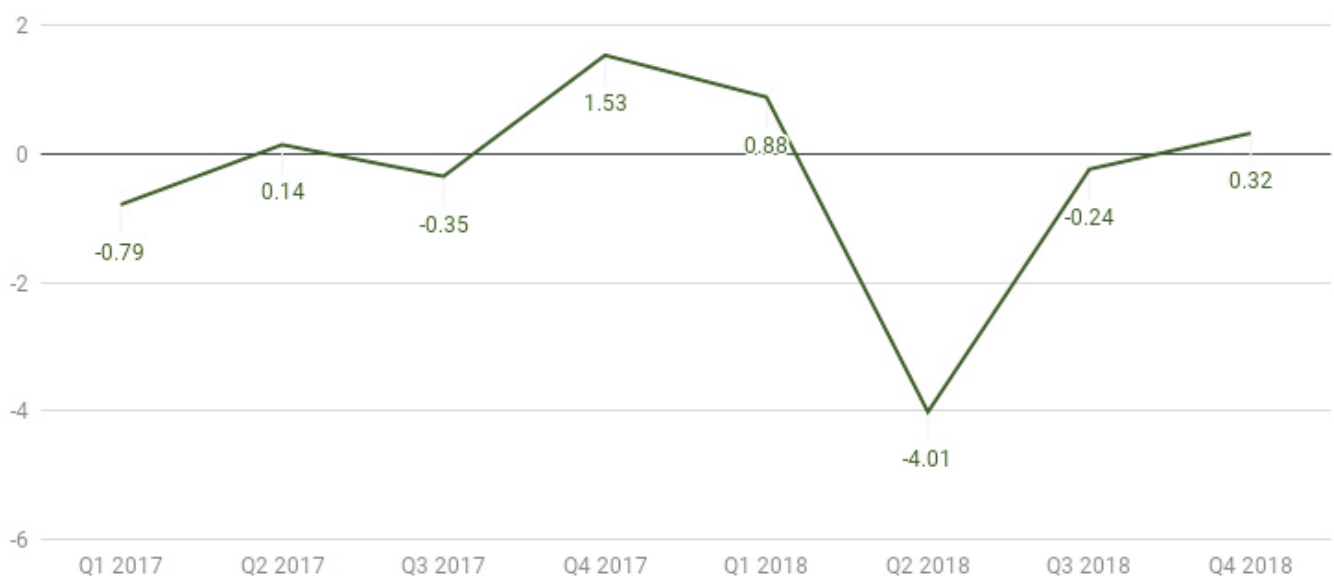
Basic metal, Iron and Steel: Q1 2017 – Q4 2018

Basic metal , Iron and Steel



Basic metal , Iron and Steel under Manufacturing sector grew by 0.32% in Q4 2018 from -0.24% in Q3 2018 and 1.53% in Q4 2017

Basic metal , Iron and Steel



GDP REPORT Q4 2018

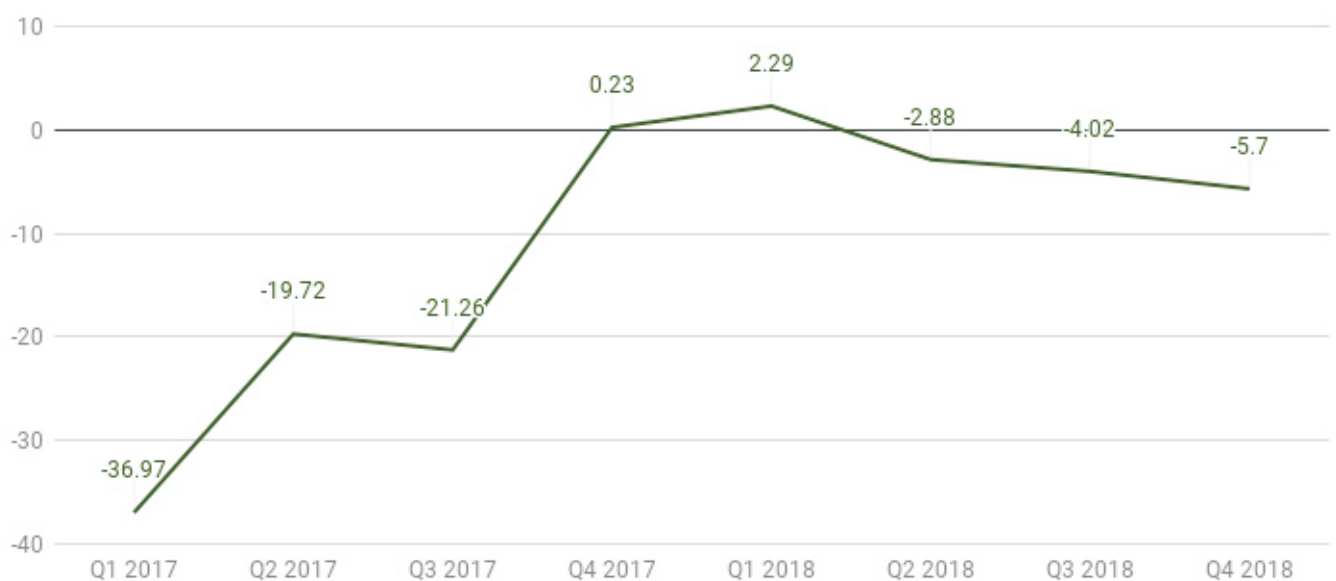
Motor Vehicles & Assembly: Q1 2017 - Q4 2018

Motor Vehicles & Assembly



Motor Vehicles & Assembly under Manufacturing sector contracted by -5.7% in Q4 2018 from -4.02% in Q3 2018 and 0.23% in Q4 2017

Motor Vehicles & Assembly



GDP REPORT Q4 2018

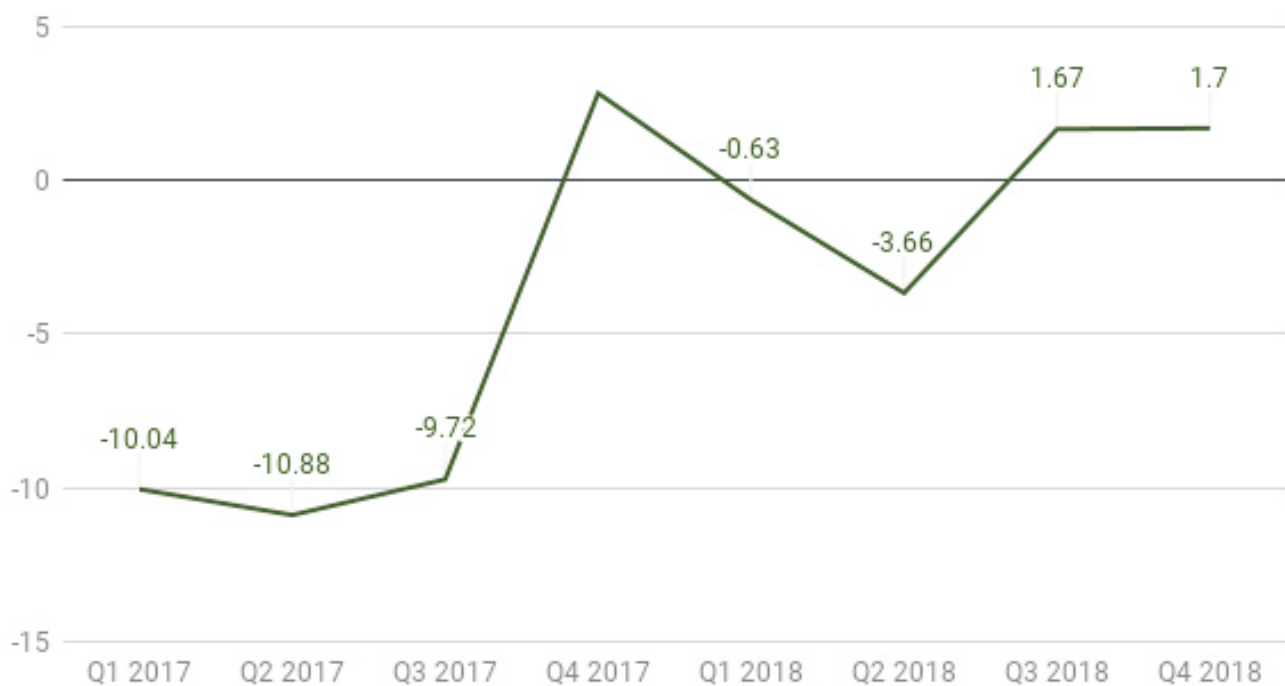
Other Manufacturing: Q1 2017 – Q4 2018

Other Manufacturing



Other Manufacturing under Manufacturing sector grew by 1.7% in Q4 2018 from 1.67% in Q3 2018 and 2.84% in Q4 2017

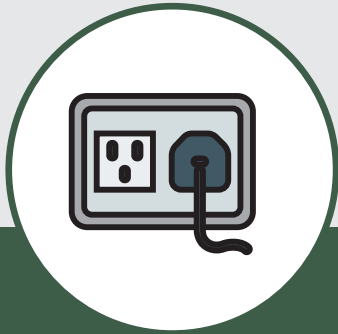
Other Manufacturing



GDP REPORT Q4 2018

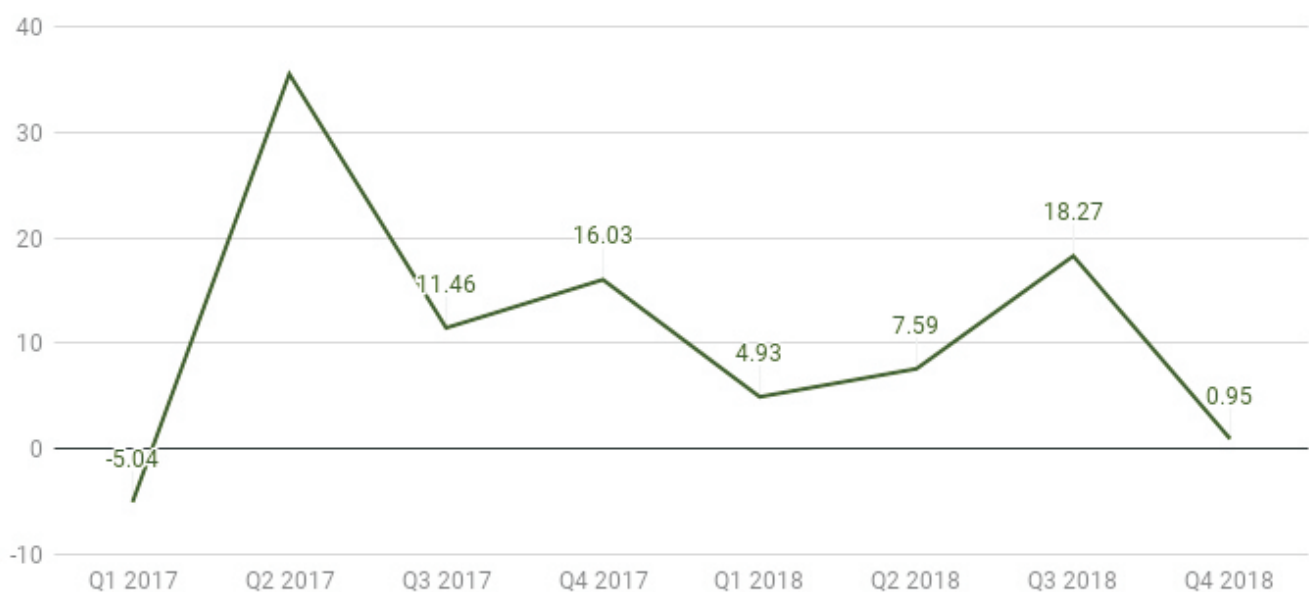
Electricity, Gas ,Steam And Air Conditioning Supply: Q1 2017 – Q4 2018

Electricity, Gas ,Steam And Air Conditioning Supply



Electricity, Gas ,Steam and Air Conditioning Supply sector grew by 0.95% in Q4 2018 from 18.27% in Q3 2018 and 16.03% in Q4 2017.

Electricity, Gas ,Steam And Air Conditioning Supply



GDP REPORT Q4 2018

Water Supply, Sewerage, Waste Management And Remediation: Q1 2017 – Q4 2018

Water Supply, Sewerage, Waste Management And Remediation



Water Supply, Sewerage, Waste Management And Remediation sector grew by 1.85% in Q4 2018 from 2.32% in Q3 2018 and 1.23% in Q4 2017

Water Supply, Sewerage, Waste Management And Remediation



GDP REPORT Q4 2018

Construction: Q1 2017 - Q4 2018

Construction



Construction sector grew by 2.05% in Q4 2018 from 0.54% in Q3 2018 and 4.14% in Q4 2017.

Construction



GDP REPORT Q4 2018

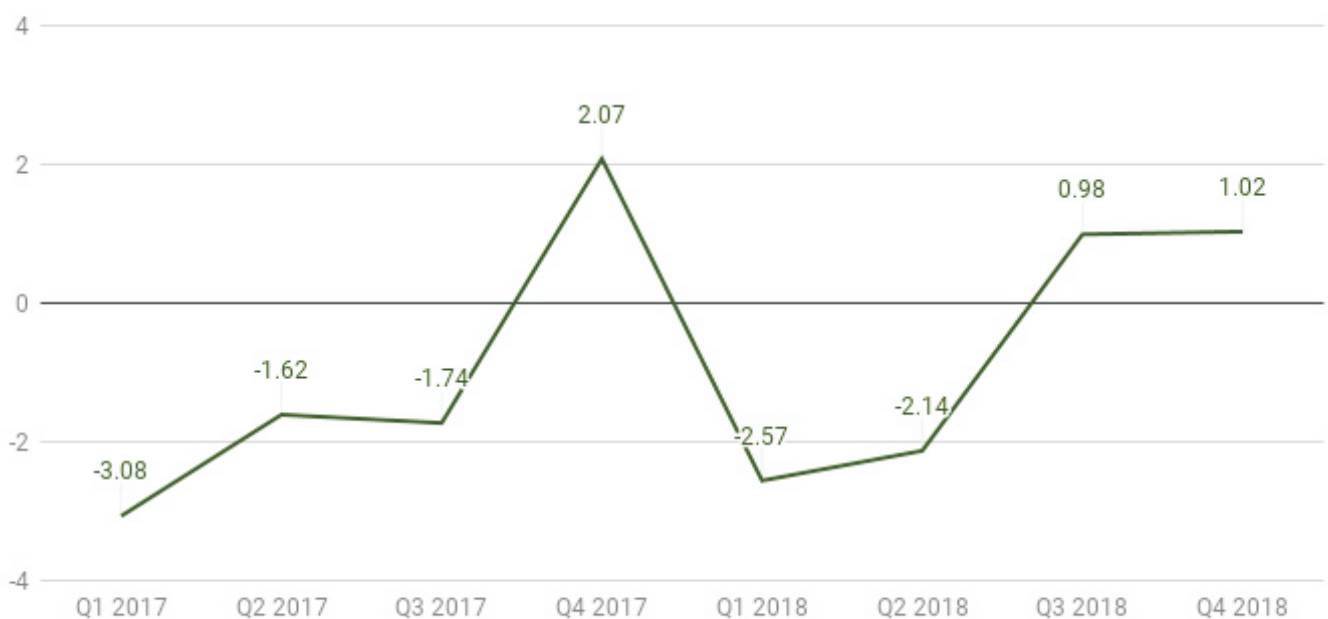
Trade: Q1 2017 - Q4 2018

Wholesale and Retail Trade



Trade sector grew by 1.02% in Q4 2018 from 0.98% in Q3 2018 and 2.07% in Q4 2017.

TRADE



GDP REPORT Q4 2018

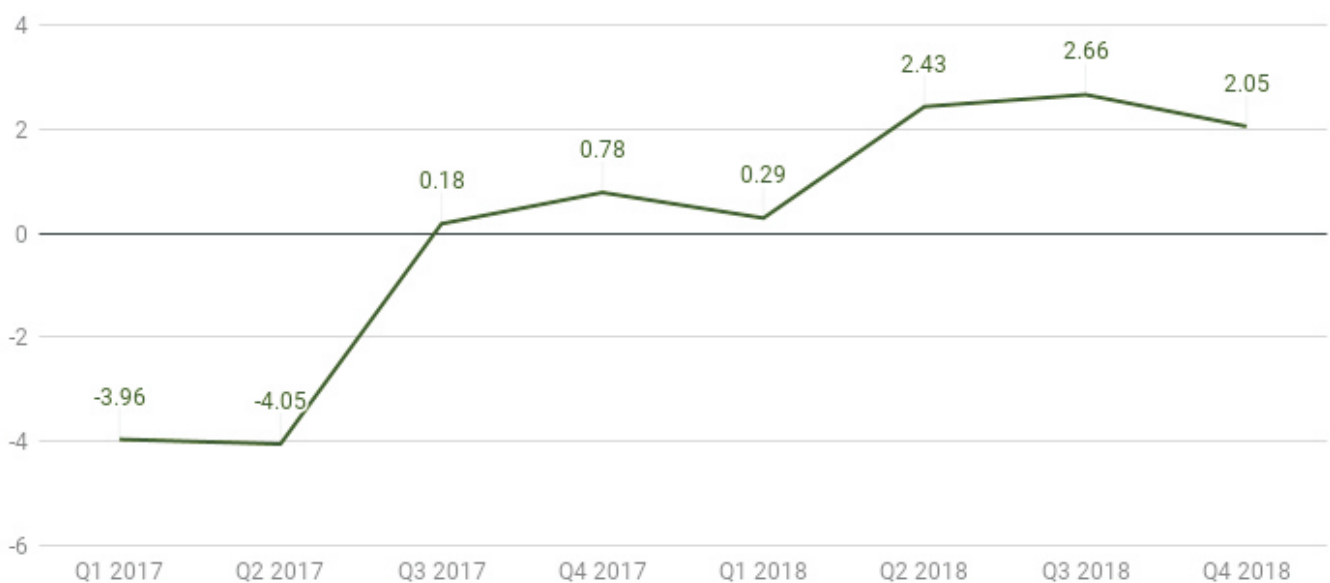
Accommodation and Food Services: Q1 2017 – Q4 2018

Accommodation and Food Services



Accommodation and Food Services sector grew by 2.05% in Q4 2018 from 2.66% in Q3 2018 and 0.78% in Q4 2017.

Accommodation and Food Services



GDP REPORT Q4 2018

Transportation and Storage: Q1 2017 - Q4 2018

Transportation and Storage sector



Transportation and Storage sector grew by 9.48% in Q4 2018 from 11.95% in Q3 2018 and 16.57% in Q4 2017.

TRANSPORTATION AND STORAGE



GDP REPORT Q4 2018

Road Transport: Q1 2017 - Q4 2018

Road Transport



Road Transport under Transportation and Storage sector grew by 9.1% in Q4 2018 from 12.07% in Q3 2018 and 19.7% in Q4 2017.

Road Transport



GDP REPORT Q4 2018

Rail Transport & Pipelines: Q1 2017 – Q4 2018

Rail Transport & Pipelines



Rail Transport and Pipelines under Transportation and Storage sector grew by 4.95% in Q4 2018 from 4.53% in Q3 2018 and 1.04% in Q4 2017.

Rail Transport & Pipelines



GDP REPORT Q4 2018

Water Transport: Q1 2017 – Q4 2018

Water Transport



Water Transport under Transportation and Storage sector grew by 1.96% in Q4 2018 from 2.45% in Q3 2018 and 3.44% in Q4 2017.

Water Transport



GDP REPORT Q4 2018

Air Transport: Q1 2017 - Q4 2018

Air Transport



Air Transport under Transportation and Storage sector grew by 23.7% in Q4 2018 from 24.35% in Q3 2018 and 4.71% in Q4 2017.

Air Transport



GDP REPORT Q4 2018

Transport Services: Q1 2017 - Q4 2018

Transport Services



Transport Services under Transportation and Storage sector grew by 1.78% in Q4 2018 from 3.54% in Q3 2018 and 2.75% in Q4 2017.

Transport Services



GDP REPORT Q4 2018

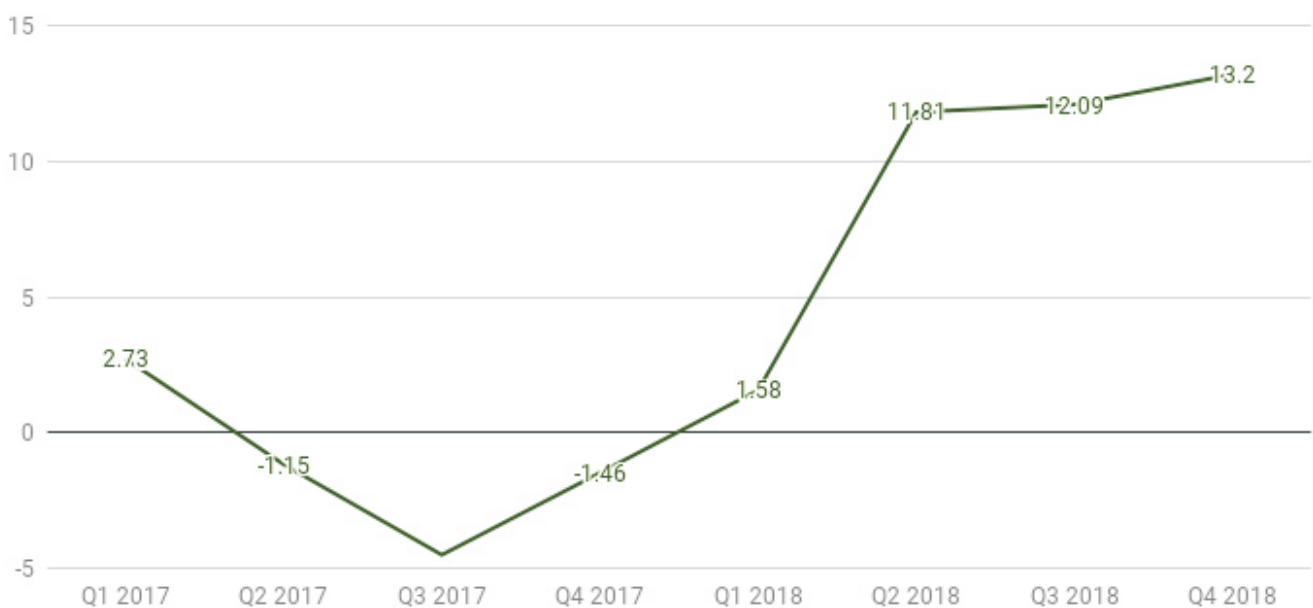
Information and Communication Q1 2017 – Q4 2018

Information and Communication sector



Information and Communication sector grew by 13.2% in Q4 2018 from 12.09% in Q3 2018 and -1.46% in Q4 2017.

INFORMATION AND COMMUNICATION



GDP REPORT Q4 2018

Post and Courier Services : Q1 2017 – Q4 2018

Post and Courier Services



Post and Courier Services under Transportation and Storage sector grew by 0.93% in Q4 2018 from -20.88% in Q3 2018 and -11.91% in Q4 2017.

Post and Courier Services



GDP REPORT Q4 2018

Telecommunications: Q1 2017 - Q4 2018

Telecommunications



Telecommunications & Information Services under Information and Communication sector grew by 16.67% in Q4 2018 from 14.97% in Q3 2018 and -3.28% in Q4 2017

Telecommunications



GDP REPORT Q4 2018

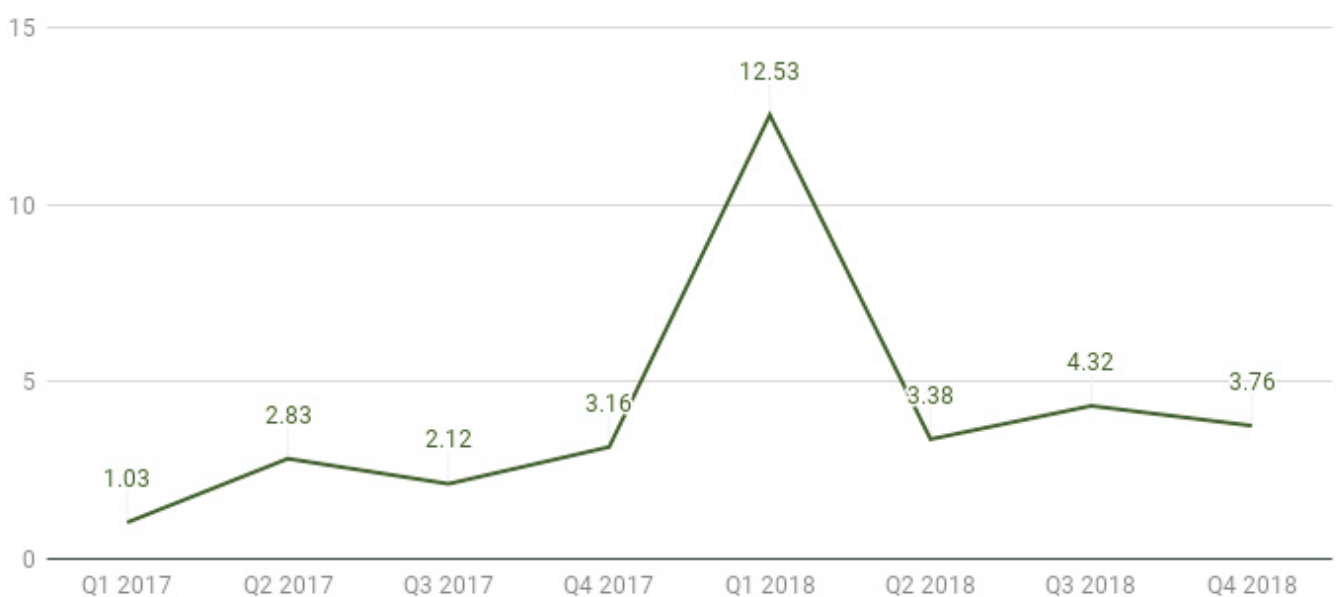
Publishing: Q1 2017 - Q4 2018

Publishing



Publishing under Information and Communication sector grew by 3.76% in Q4 2018 from 4.32% in Q3 2018 and 3.16% in Q4 2017

Publishing



GDP REPORT Q4 2018

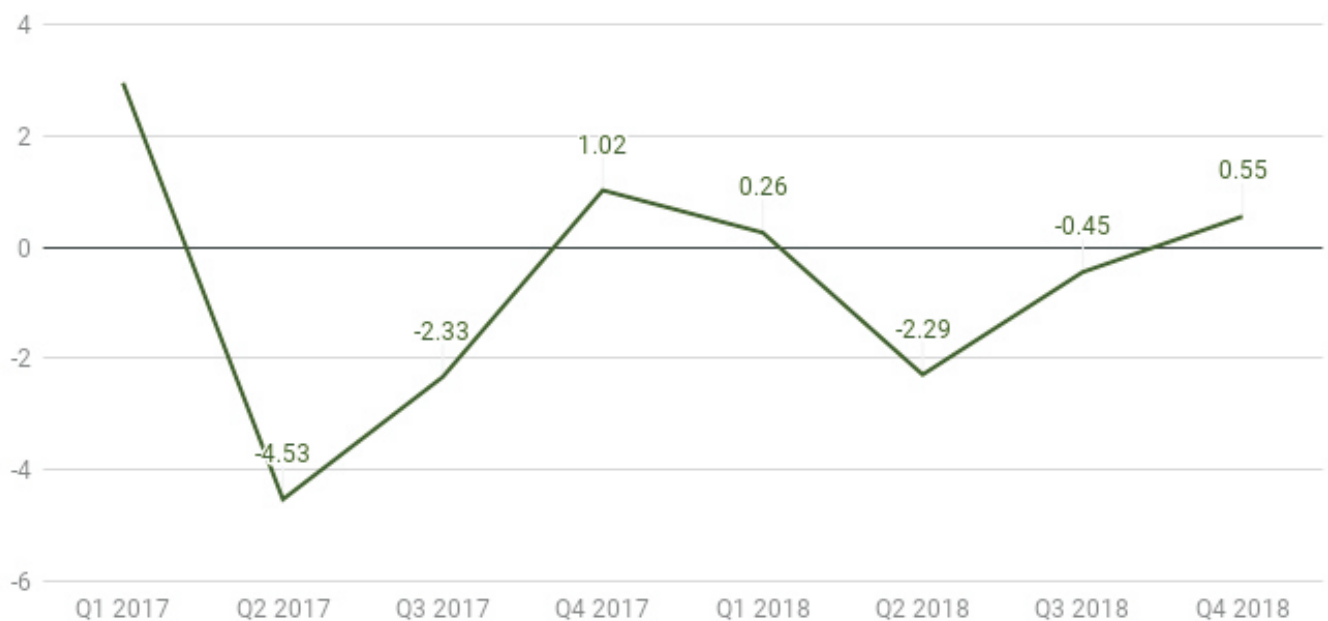
Motion Pictures, Sound recording and Music production: Q1 2017 – Q4 2018

Motion Pictures, Sound recording and Music production



Motion Pictures, Sound recording and Music production under Information and Communication sector grew by 0.55% in Q4 2018 from -0.45% in Q3 2018 and 1.02% in Q4 2017

Motion Pictures, Sound recording and Music production



GDP REPORT Q4 2018

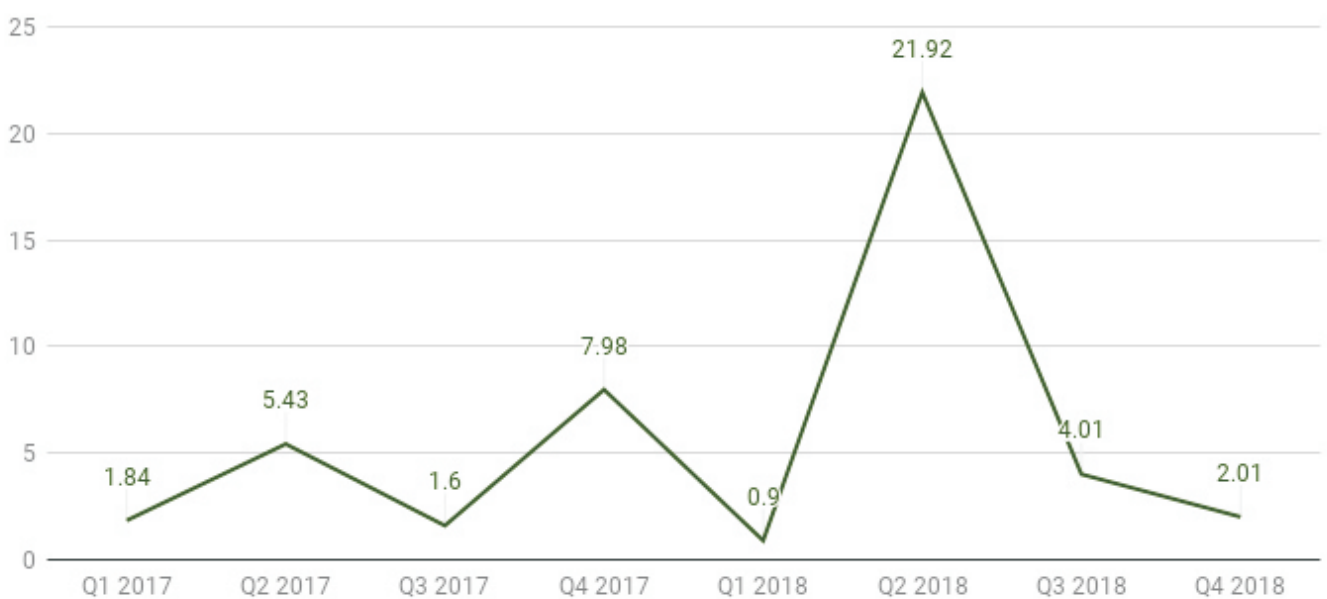
Broadcasting: Q1 2017 - Q4 2018

Broadcasting



Broadcasting under Information and Communication sector grew by 2.01% in Q4 2018 from 4.01% in Q3 2018 and 7.98% in Q4 2017

Broadcasting



GDP REPORT Q4 2018

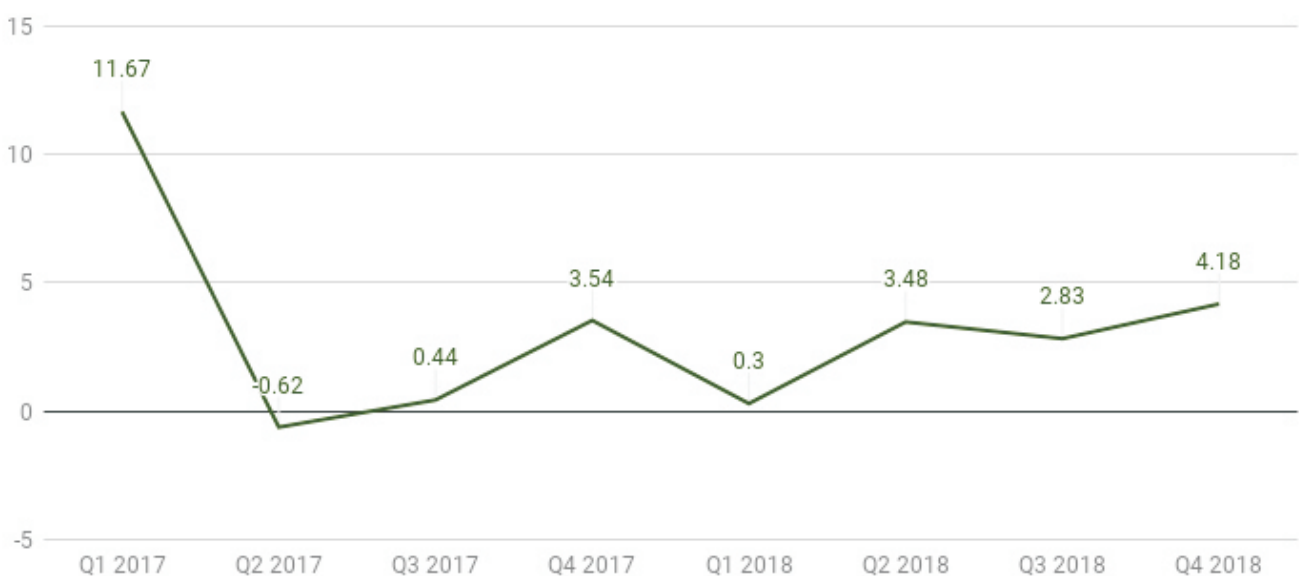
Arts, Entertainment and Recreation: Q1 2017 – Q4 2018

Arts, Entertainment and Recreation



Arts, Entertainment and Recreation sector grew by 4.18% in Q4 2018 from 2.83% in Q3 2018 and 3.54% in Q4 2017

Arts, Entertainment and Recreation



GDP REPORT Q4 2018

Financial and Insurance: Q1 2017 - Q4 2018

Financial and Insurance Sector



Financial and Insurance sector contracted by **-1.76%** in Q4 2018 from **-4.81%** in Q3 2018 and **0.22%** in Q4 2017

FINANCIAL AND INSURANCE



GDP REPORT Q4 2018

Financial Institutions: Q1 2017 - Q4 2018

Financial Institutions



Financial Institutions under Finance and Insurance sector contracted by -2.13% in Q4 2018 from -5.67% in Q3 2018 and 2.61% in Q4 2017 Q4 2016.

Financial Institutions



GDP REPORT Q4 2018

Insurance: Q1 2017 - Q4 2018

Insurance



Insurance under Financial and Insurance sector grew by 1.23% in Q4 2018 from 1.03% in Q3 2018 and -15.71% in Q4 2017

Insurance



GDP REPORT Q4 2018

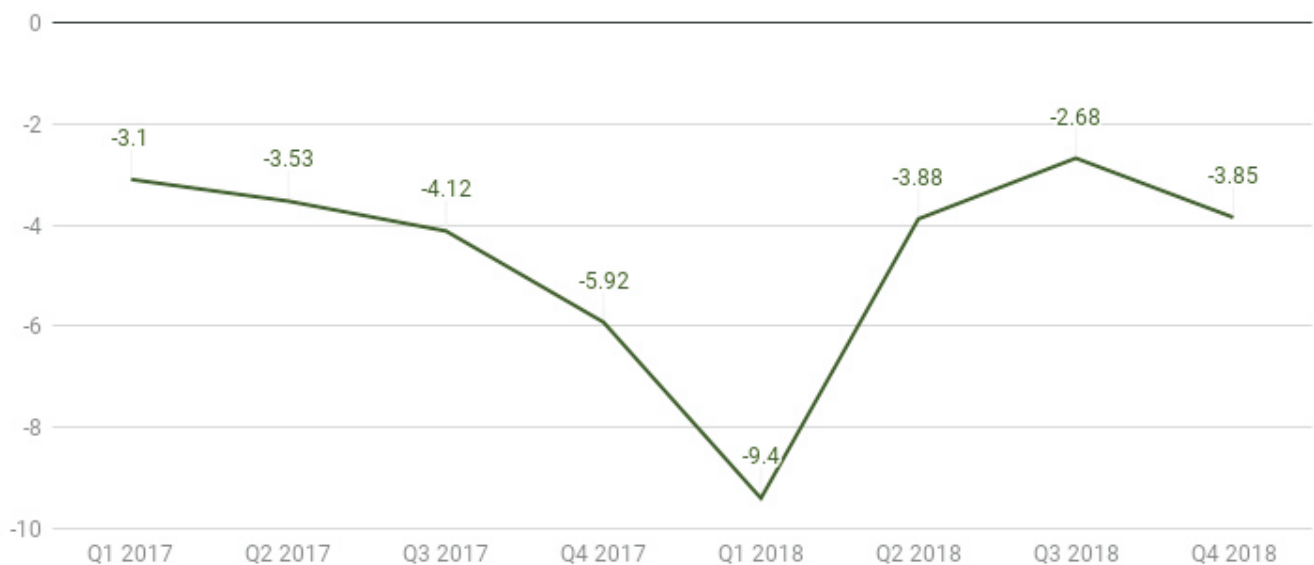
Real Estate: Q1 2017 - Q4 2018

Real Estate



Real Estate sector contracted by -3.85% in Q4 2018 from -2.68% in Q3 2018 and -5.92% in Q4 2017

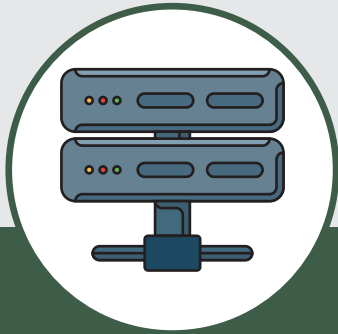
REAL ESTATE



GDP REPORT Q4 2018

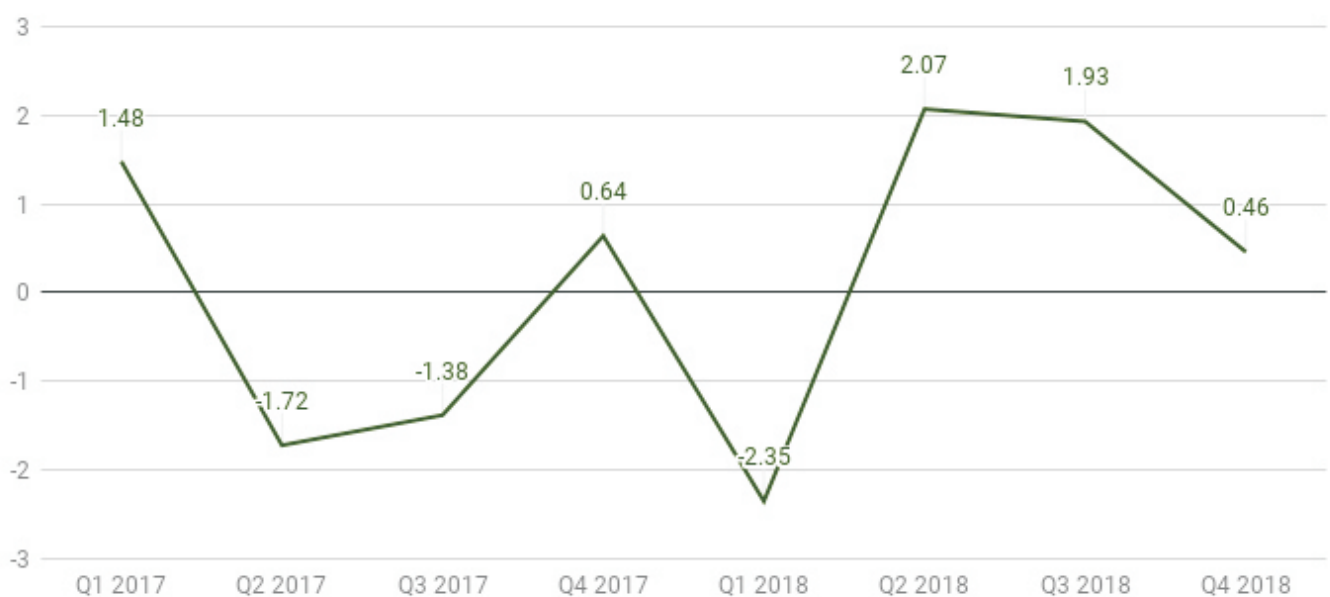
Professional, Scientific and Technical Services: Q1 2017 – Q4 2018

Professional, Scientific and Technical Services



Professional, Scientific and Technical Services sector grew by 0.46% in Q4 2018 from 1.93% in Q3 2018 and 0.64% in Q4 2017

PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES



GDP REPORT Q4 2018

Administrative & Support Services: Q1 2017 – Q4 2018

Administrative & Support Services



Administrative & Support Services sector grew by 0.83% in Q4 2018 from 2.02% in Q3 2018 and 2.16% in Q4 2017

ADMINISTRATIVE & SUPPORT SERVICES



GDP REPORT Q4 2018

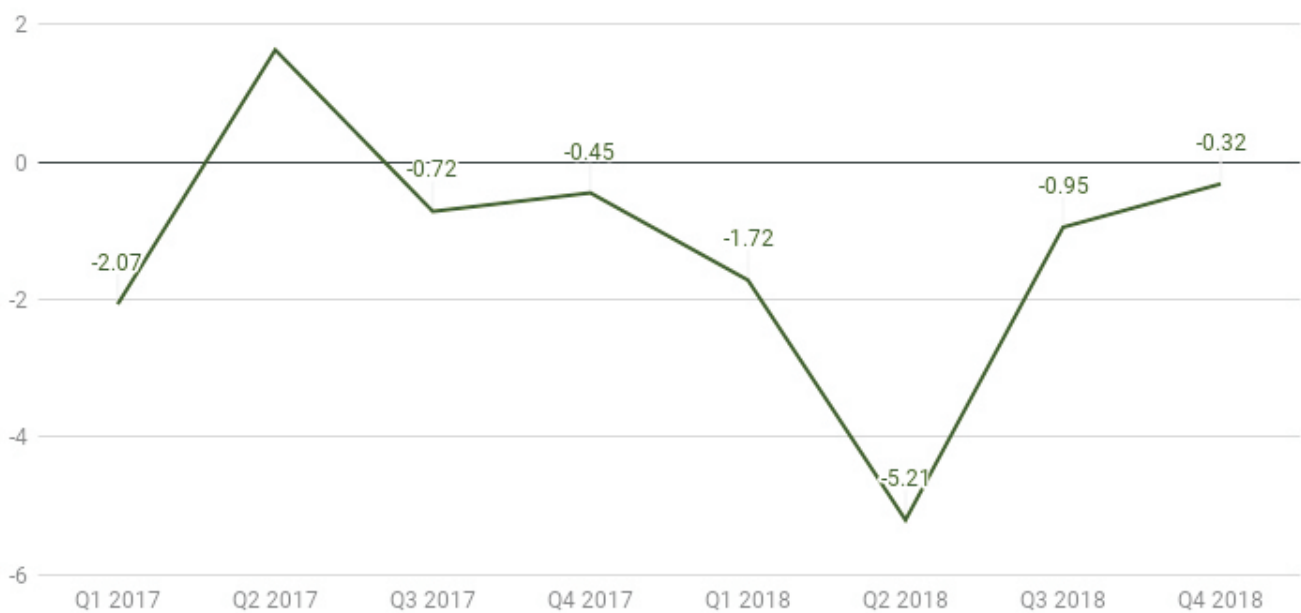
Public Administration: Q1 2017 - Q4 2018

Public Administration



Public Administration sector contracted by -0.32% in Q4 2018 from -0.95% in Q3 2018 and -0.45% in Q4 2017

PUBLIC ADMINISTRATION



GDP REPORT Q4 2018

Education: Q1 2017 - Q4 2018

Education



Education sector grew by 0.35% in Q4 2018 from -0.42% in Q3 2018 and -1.04% in Q4 2017

EDUCATION



GDP REPORT Q4 2018

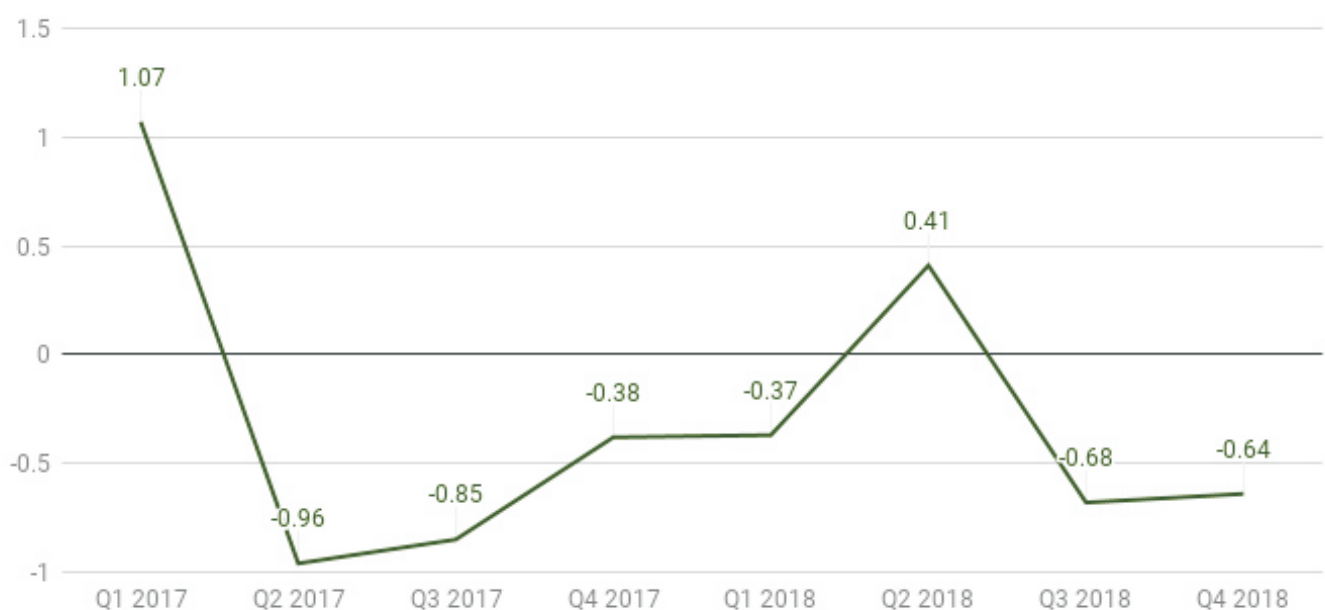
Human Health and Social Services: Q1 2017 – Q4 2018

Human Health and Social Services



Human Health and Social Services sector contracted by -0.64% in Q4 2018 from -0.68% in Q3 2018 and -0.38% in Q4 2017

HUMAN HEALTH AND SOCIAL SERVICES



GDP REPORT Q4 2018

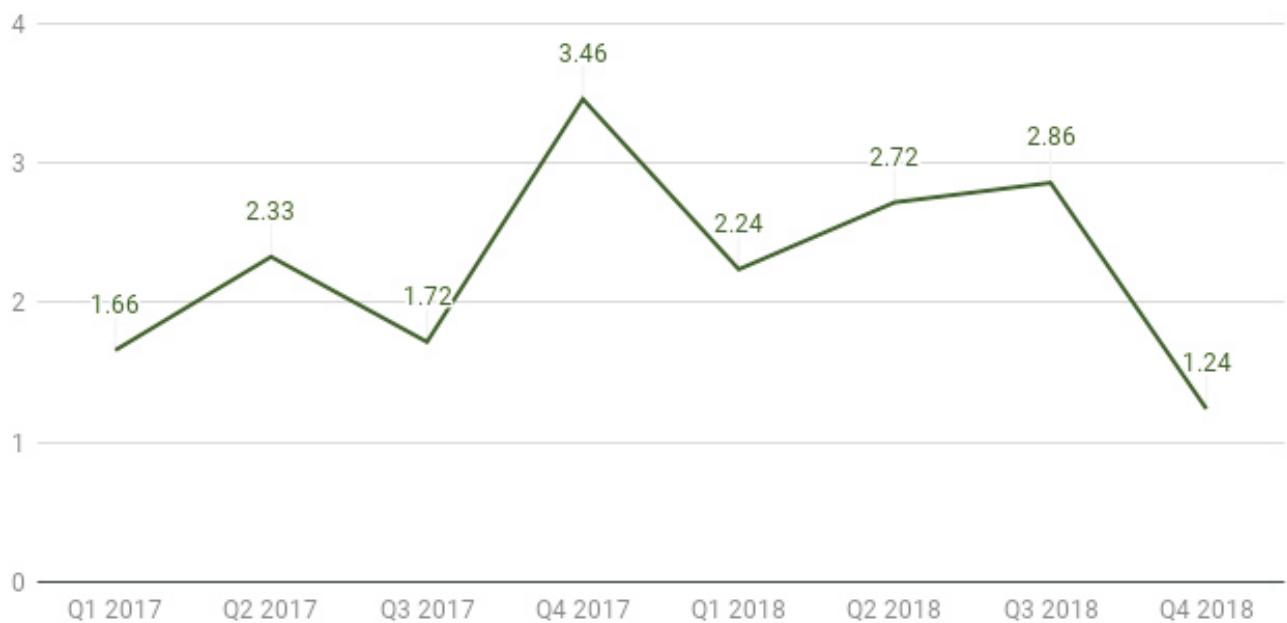
Other Services: Q1 2017 – Q4 2018

Other Services



Other Services sector grew by 1.24% in Q4 2018 from 2.86% in Q3 2018 and 3.46% in Q4 2017

OTHER SERVICES



GDP REPORT Q4 2018

Industries: Q1 2017 - Q4 2018

Industries

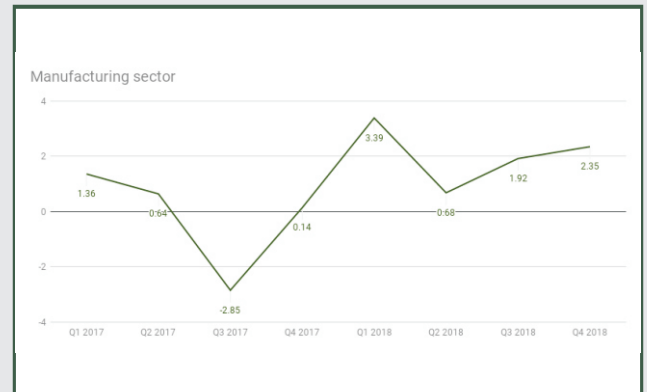
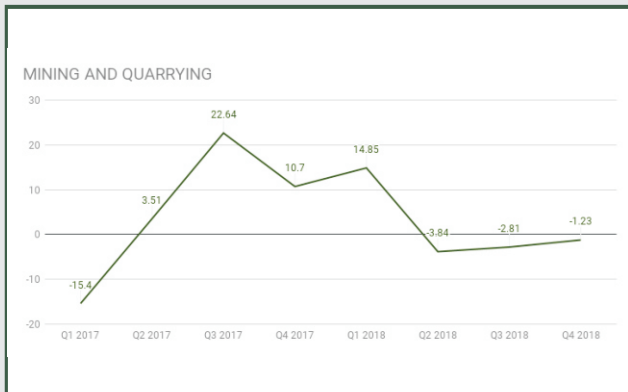


Industries sector grew by 0.95% in Q4 2018 from -0.11% in Q3 2018 and 4.87% in Q4 2017

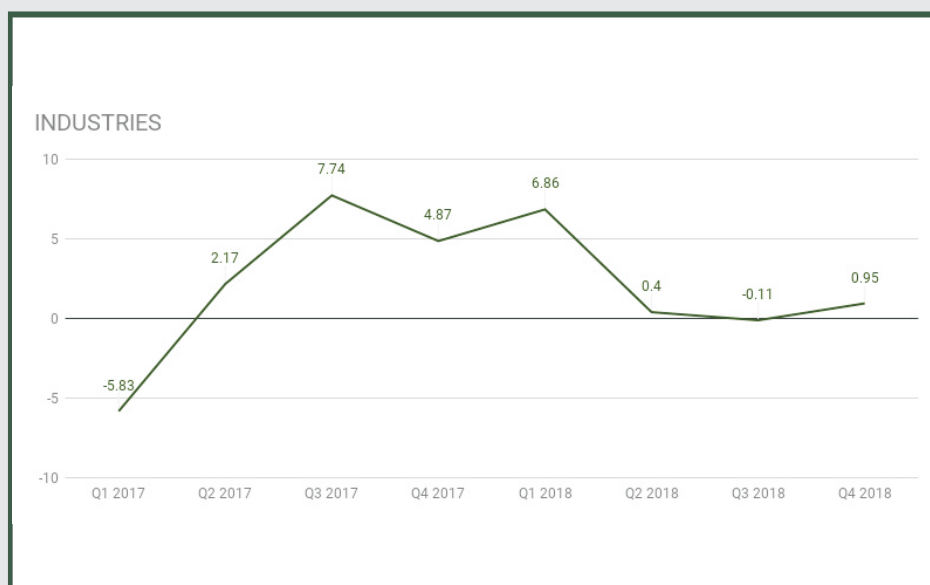
MINING AND QUARRYING



MANUFACTURING



INDUSTRIES



GDP REPORT Q4 2018

Services: Q1 2017 – Q4 2018

Services

ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY

WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION

CONSTRUCTION

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 Q4 2018

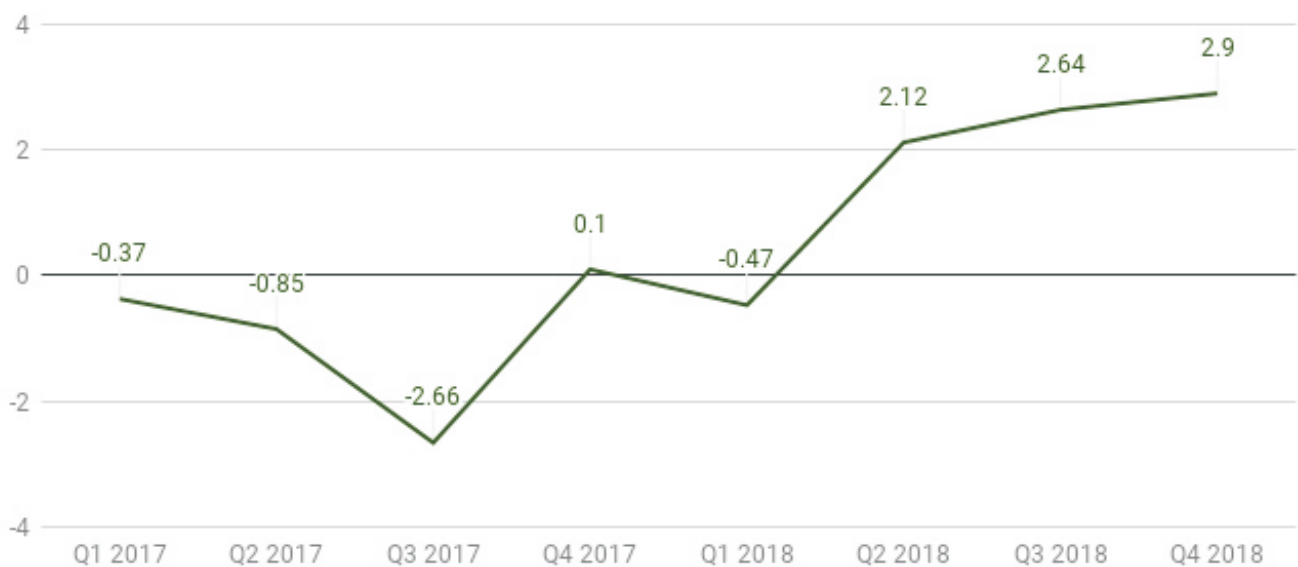
Services: Q1 2017 – Q4 2018

Services



Services sector grew by 2.9% in Q4 2018 from 2.64% in Q3 2018 and 0.1% in Q4 2017

SERVICES



GDP REPORT Q4 2018

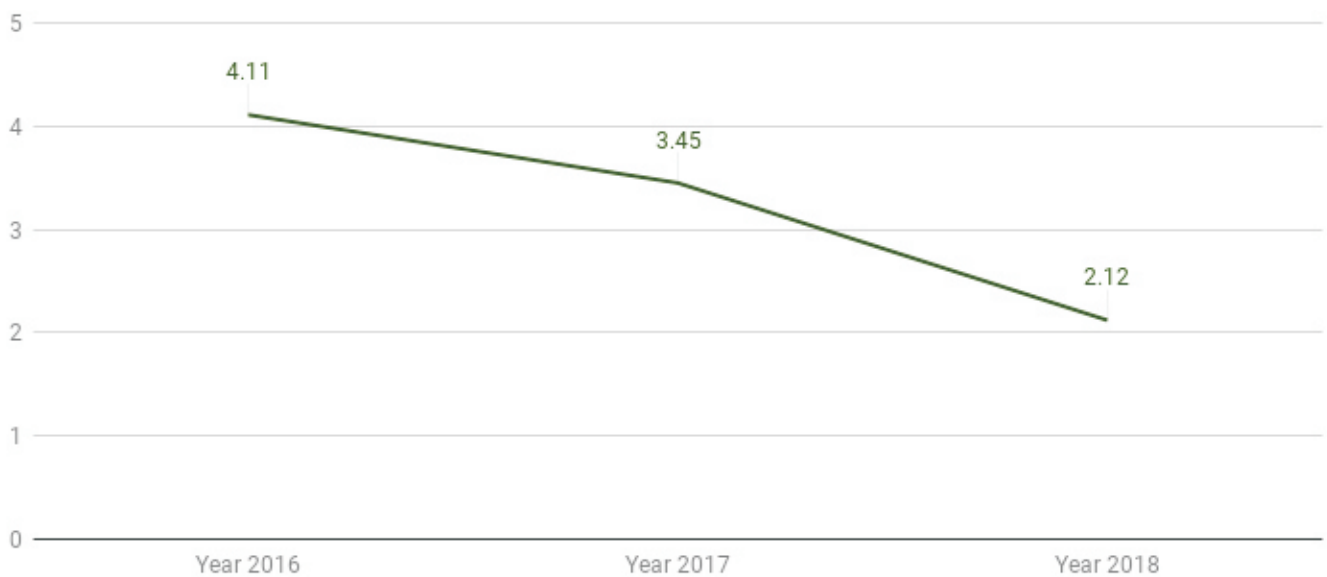
Agriculture: Year 2016 – Year 2018

Agriculture sector



Agriculture sector grew by 2.12% in full year 2018 from 3.45% in 2017 and 4.11% in 2016.

AGRICULTURE



GDP REPORT Q4 2018

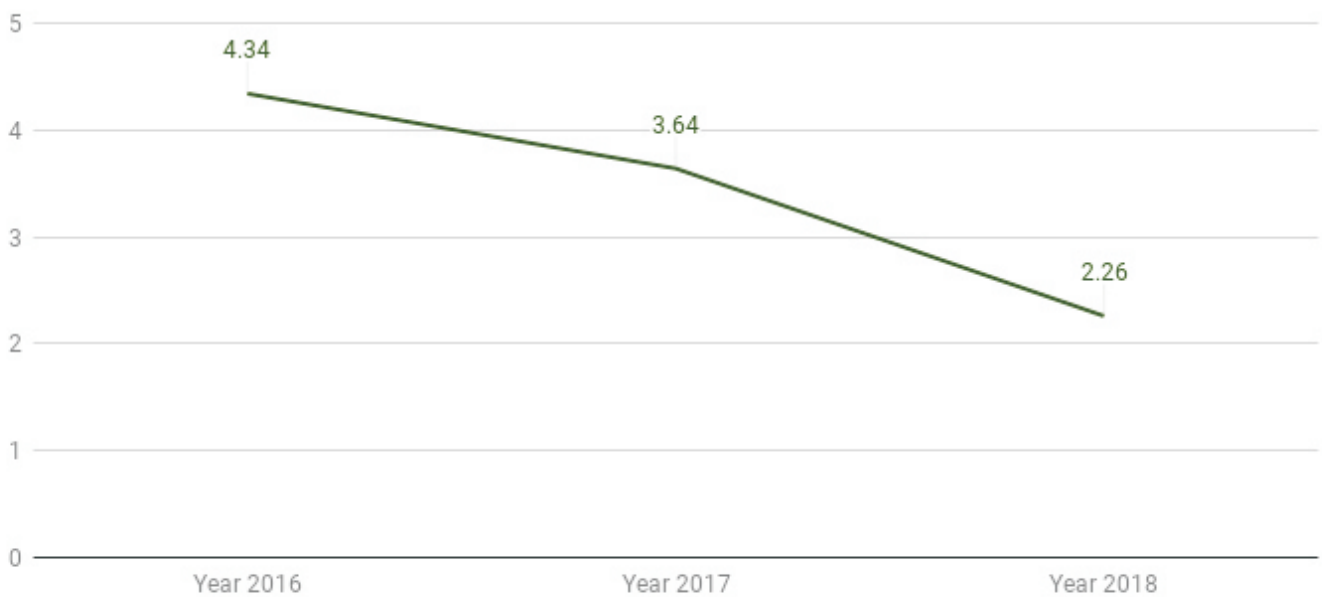
Crop Production: Year 2016 – Year 2018

Crop Production



Crop Production under agriculture sector grew by 2.26% in full year 2018 from 3.64% in 2017 and 4.34% in 2016.

Crop Production



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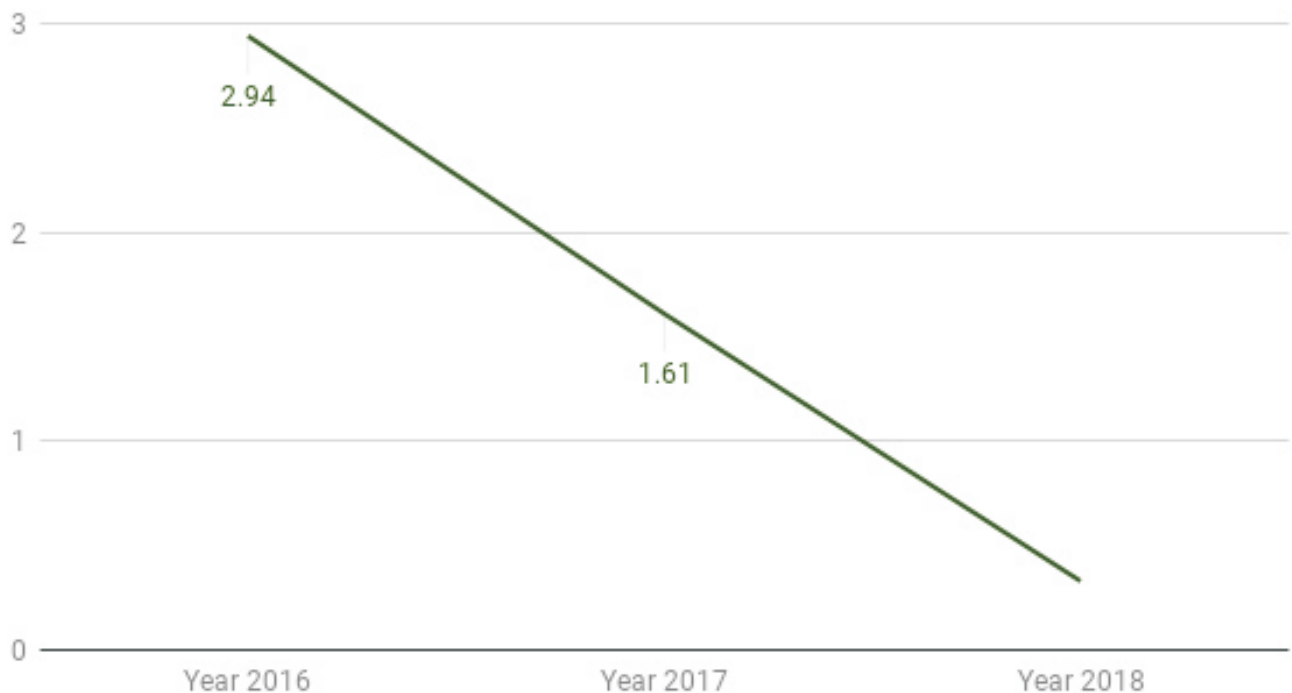
Livestock: Year 2016 – Year 2018

Livestock



Livestock under agriculture sector grew by 0.33% in full year 2018 from 1.61% in 2017 and 2.94% in 2016.

Livestock



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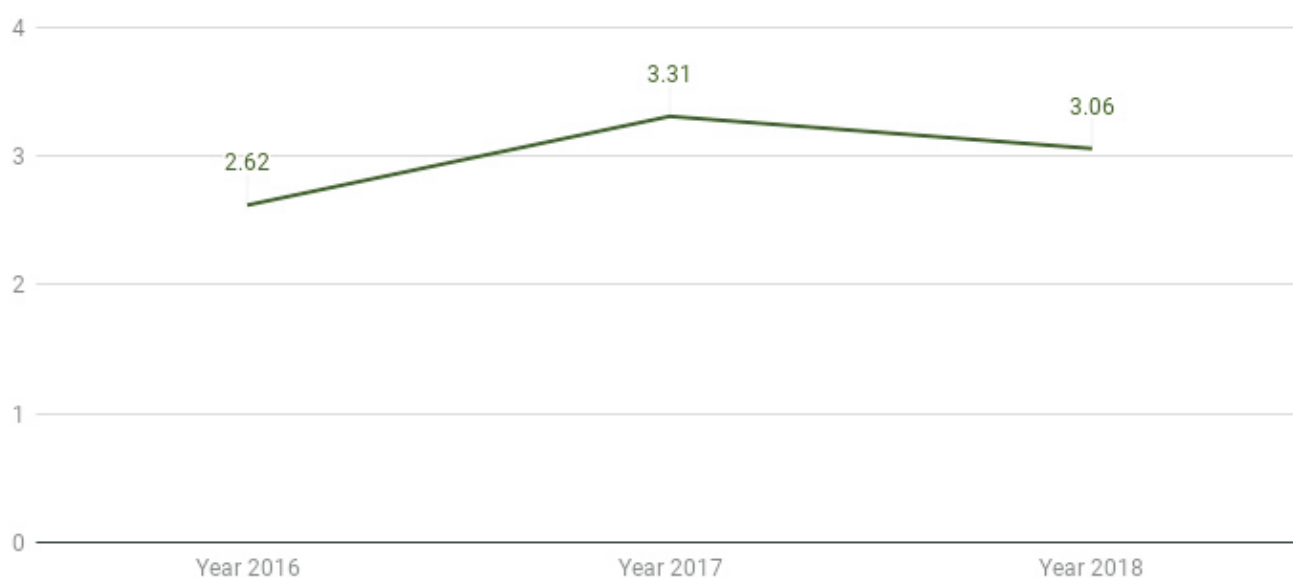
Forestry: Year 2016 – Year 2018

Forestry



Forestry under agriculture sector grew by 3.06% in full year 2018 from 3.31% in 2017 and 2.62% in 2016.

Forestry



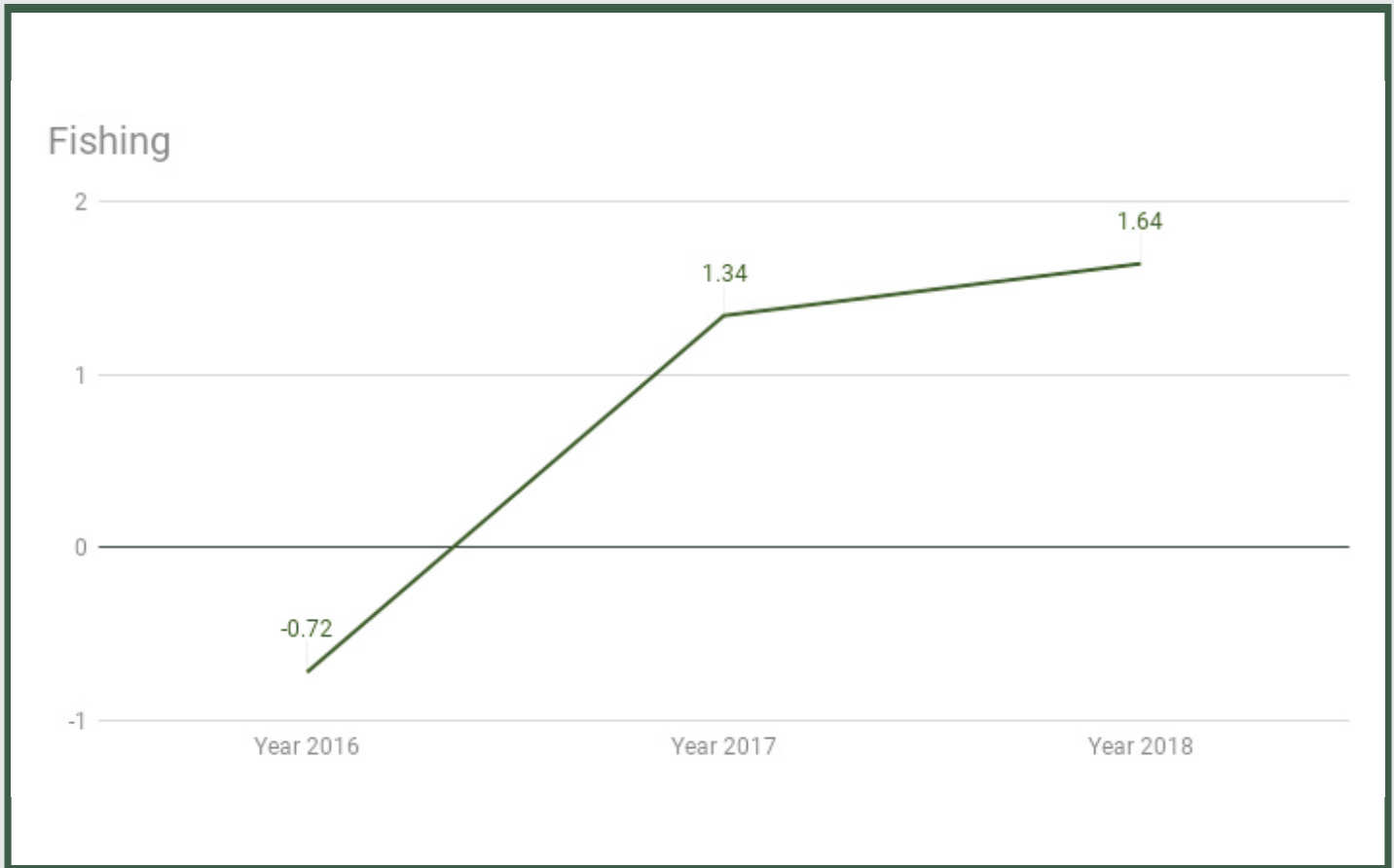
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Fishing: Year 2016 – Year 2018

Fishing



Fishing under agriculture sector grew by 1.64% in full year 2018 from 1.34% in 2017 and -0.72% in 2016.



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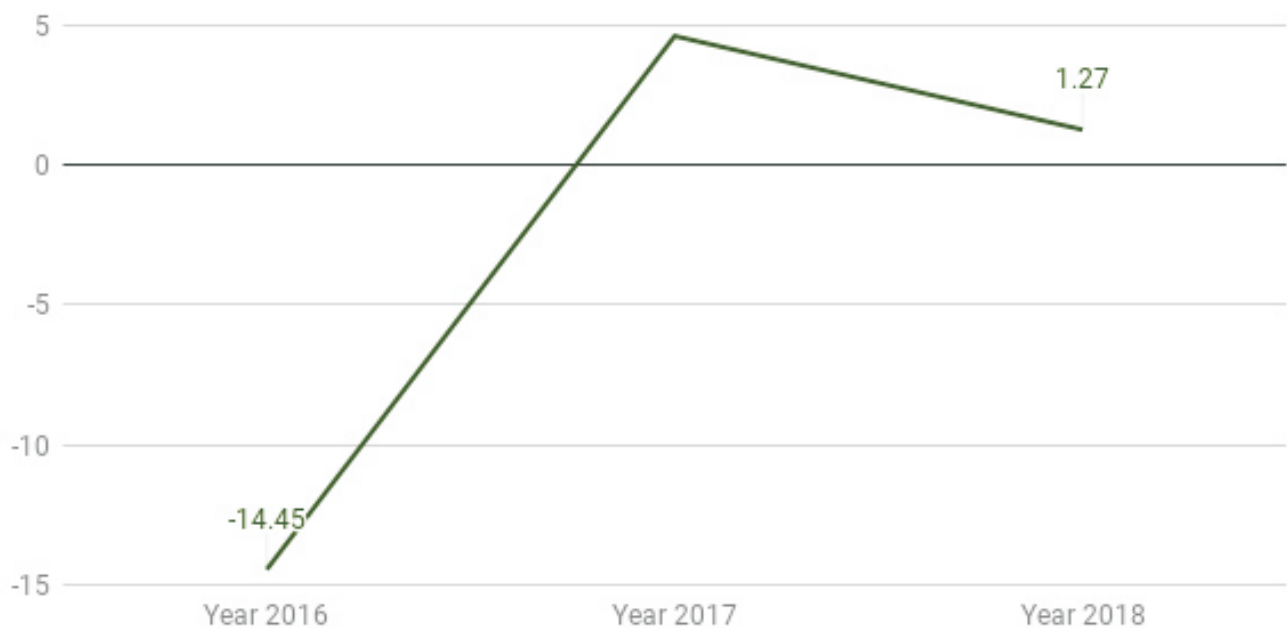
Mining and Quarrying: Year 2016 – Year 2018

Mining and Quarrying sector



Mining and Quarrying sector grew by 1.27% in full year 2018 from 4.62% in 2017 and -14.45% in 2016.

MINING AND QUARRYING



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Crude Petroleum and Natural Gas: Year 2016 – Year 2018

Crude Petroleum



Crude Petroleum and Natural Gas under Mining And Quarrying sector grew by 1.14% in full year 2018 from 4.69% in 2017 and -14.45% in 2016.

Crude Petroleum



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Coal Mining: Year 2016 – Year 2018

Coal Mining



Coal Mining under Mining And Quarrying sector contracted by -5.81% in full year 2018 from -1.45% in 2017 and 1.0% in 2016.

Coal Mining



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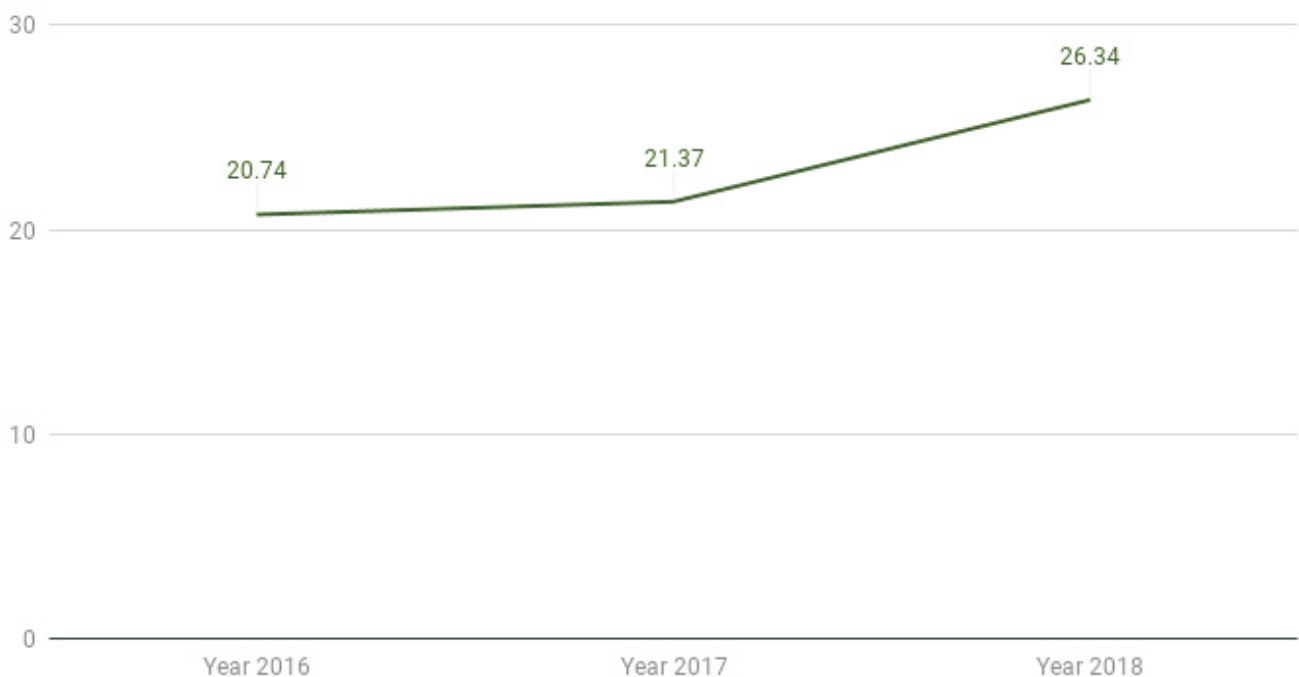
Metal Ores: Year 2016 – Year 2018

Metal Ores



Metal Ores under Mining And Quarrying sector grew by 26.34% in full year 2018 from 21.37% in 2017 and 20.74% in 2016.

Metal Ores



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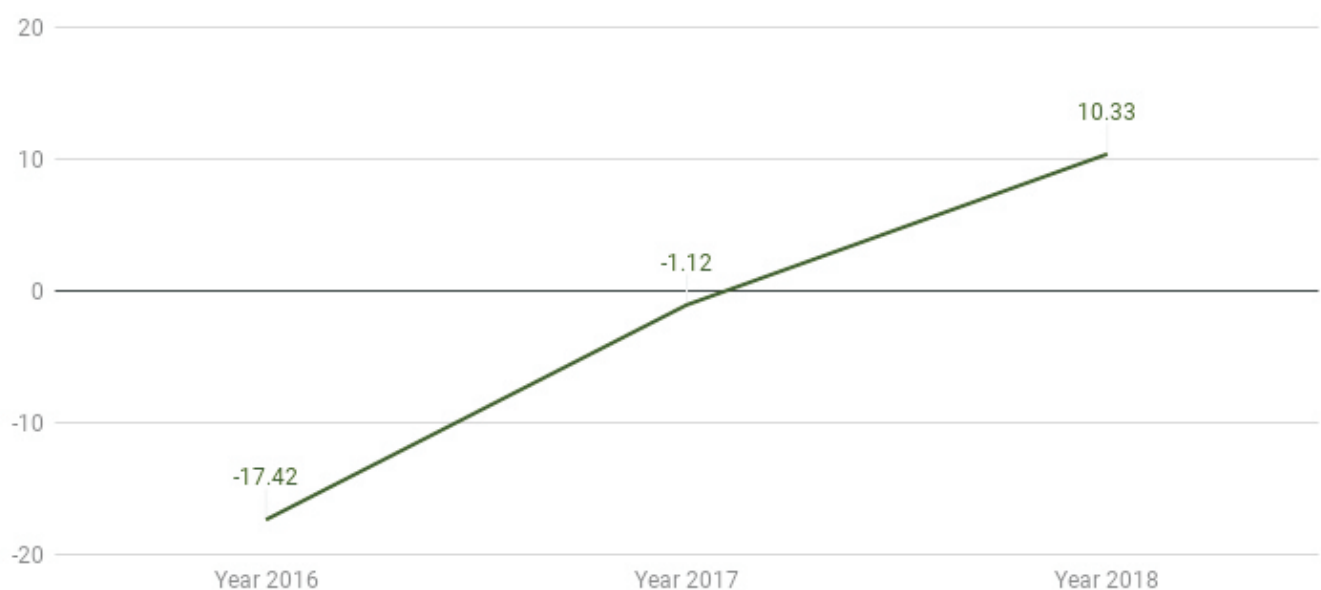
Quarrying and Other Minerals: Year 2016 – Year 2018

Quarrying and Other Minerals



Quarrying and Other Minerals under Mining And Quarrying sector grew by 10.33% in full year 2018 from -1.12% in 2017 and -17.42% in 2016.

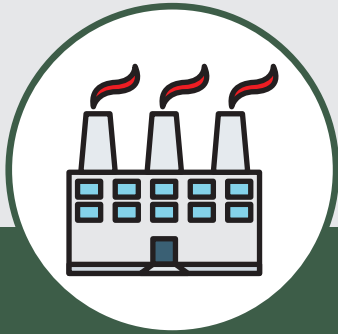
Quarrying and Other Minerals



GDP REPORT Q4 2018

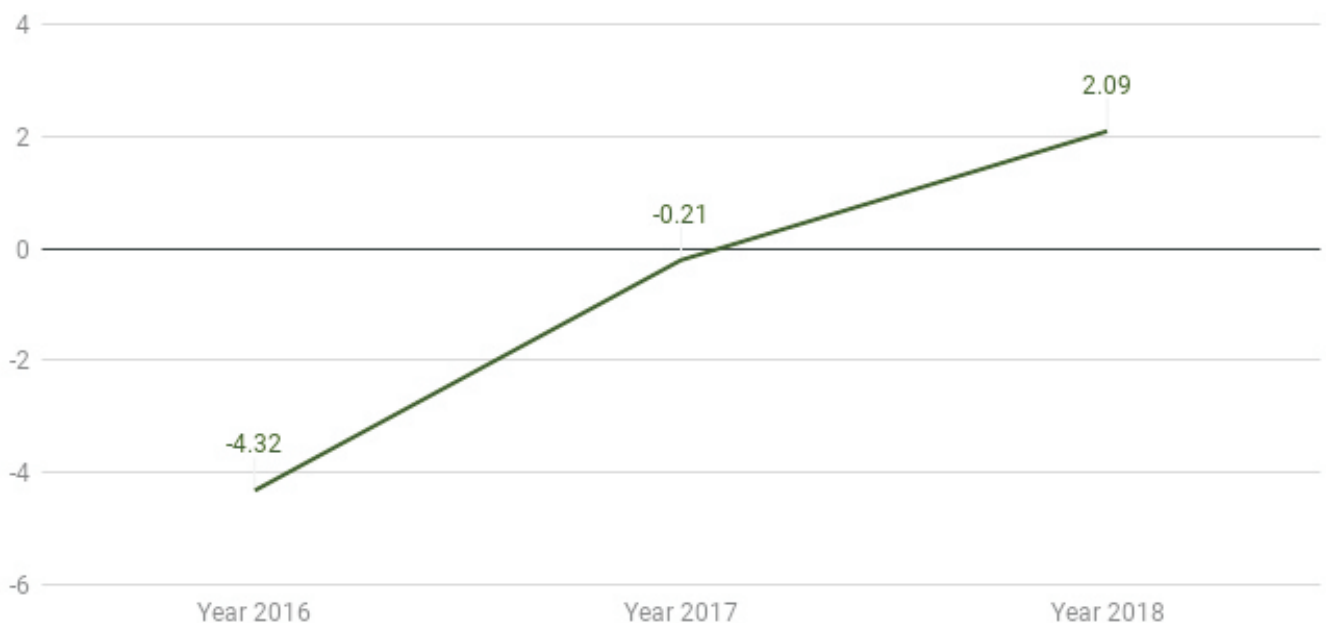
Manufacturing: Year 2016 – Year 2018

Manufacturing sector



Manufacturing sector grew by 2.09% in full year 2018 from -0.21% in 2017 and -4.32% in 2016.

MANUFACTURING



GDP REPORT Q4 2018

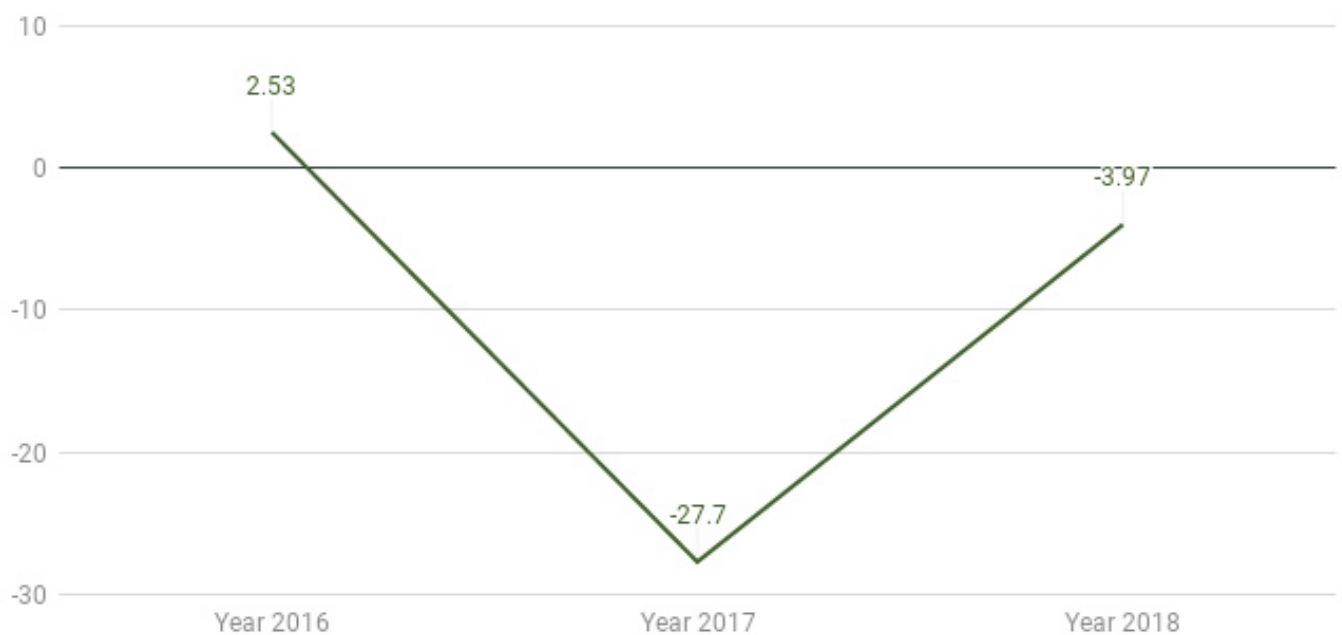
Oil Refining: Year 2016 – Year 2018

Oil Refining



Oil Refining under manufacturing sector contracted by -3.97% in full year 2018 from -27.7% in 2017 and 2.53% in 2016.

Oil Refining



GDP REPORT Q4 2018

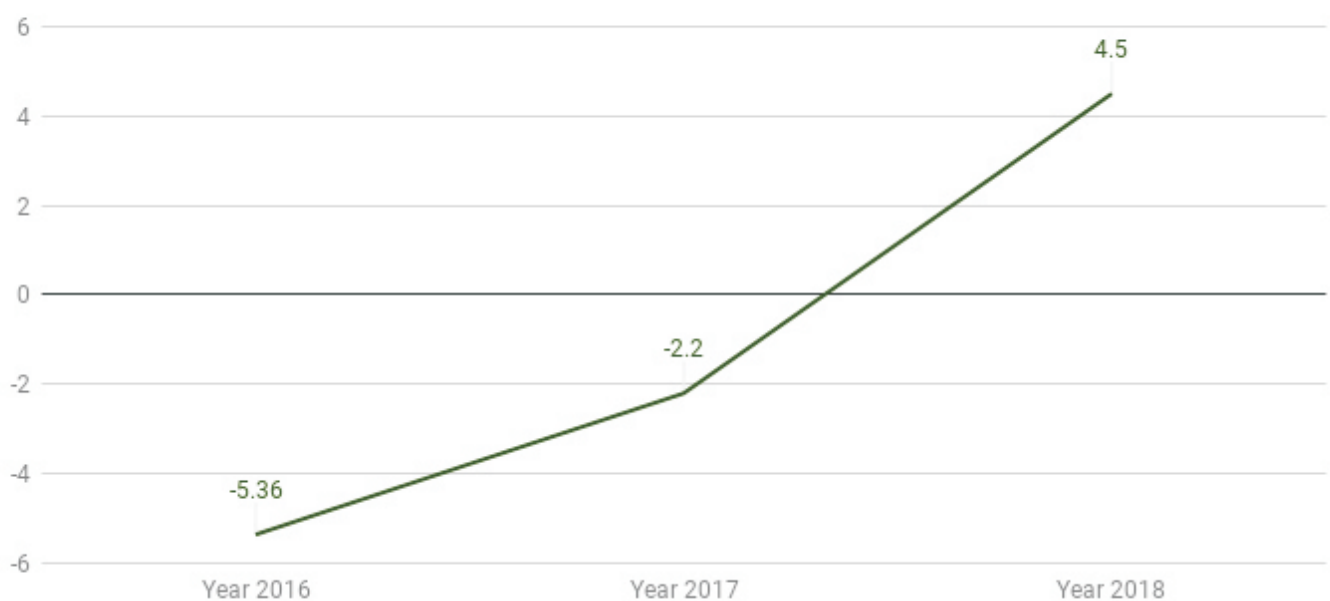
Cement: Year 2016 – Year 2018

Cement



Cement under manufacturing sector grew by 4.5% in full year 2018 from -2.2% in 2017 and -5.36% in 2016.

Cement



GDP REPORT Q4 2018

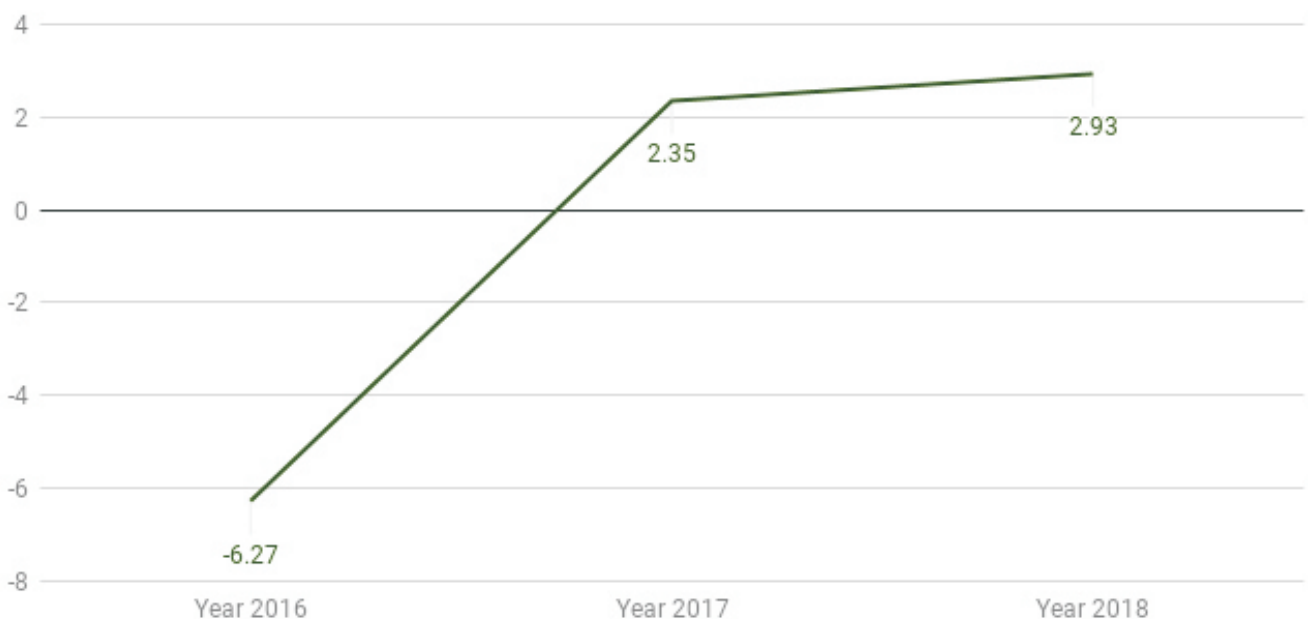
Food, Beverage and Tobacco: Year 2016 – Year 2018

Food, Beverage and Tobacco



Food, Beverage and Tobacco under manufacturing sector grew by 2.93% in full year 2018 from 2.35% in 2017 and -6.27% in 2016.

Food, Beverage and Tobacco



GDP REPORT Q4 2018

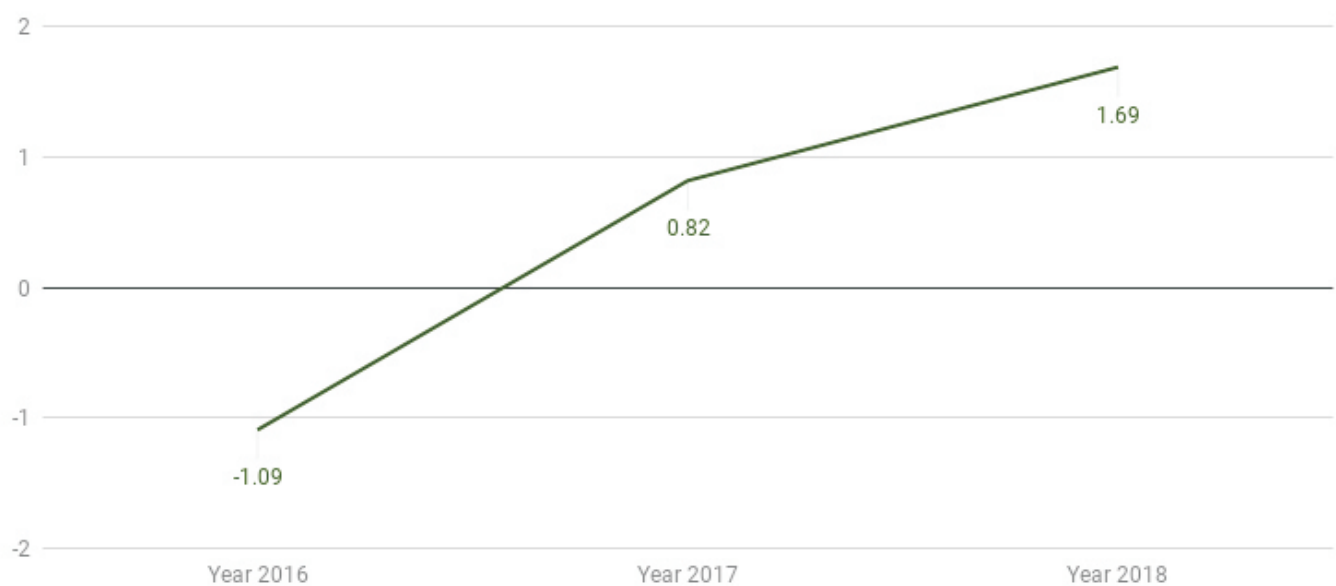
Textile, Apparel and Footwear: Year 2016 – Year 2018

Textile, Apparel and Footwear



Textile, Apparel and Footwear under manufacturing sector grew by 1.69% in full year 2018 from 0.82% in 2017 and -1.09% in 2016.

Textile, Apparel and Footwear



GDP REPORT Q4 2018

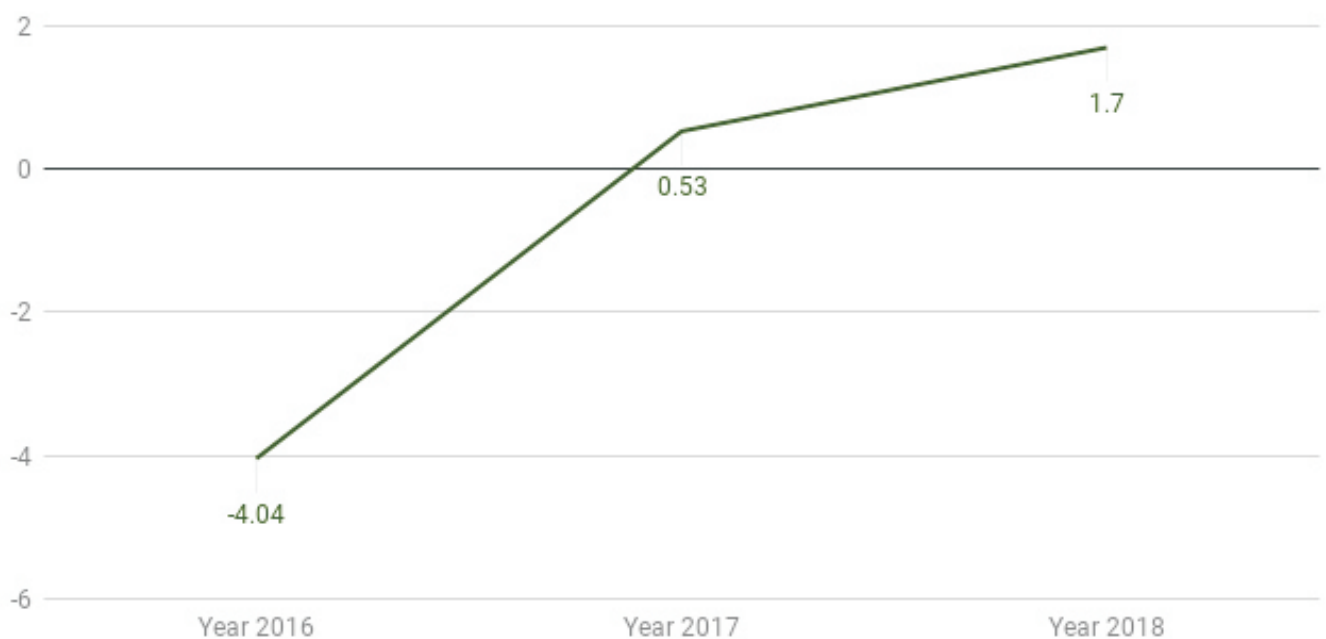
Wood and Wood Products: Year 2016 – Year 2018

Wood and Wood Products



Wood and Wood Product sunder manufacturing sector grew by 1.7% in full year 2018 from 0.53% in 2017 and -4.04% in 2016.

Wood and Wood Products



GDP REPORT Q4 2018

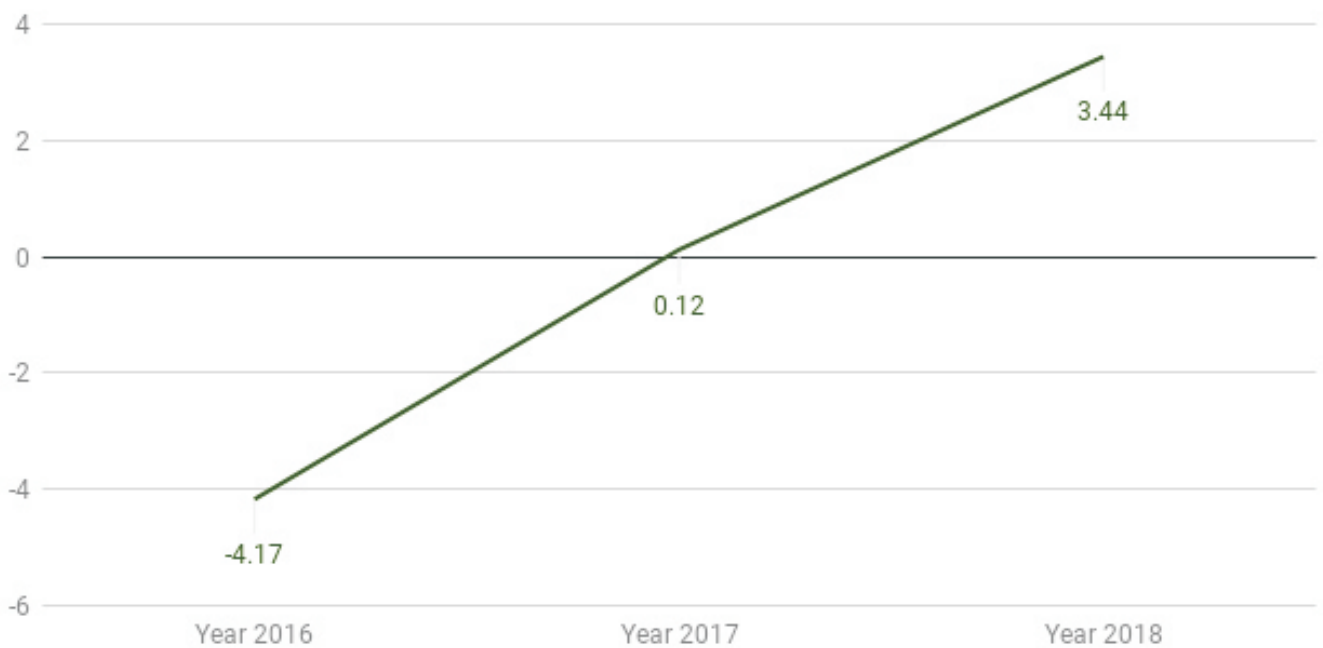
Pulp, Paper and Paper: Year 2016 – Year 2018

Pulp, Paper and Paper Products



Pulp, Paper and Paper under manufacturing sector grew by 3.44% in full year 2018 from 0.12% in 2017 and -4.17% in 2016.

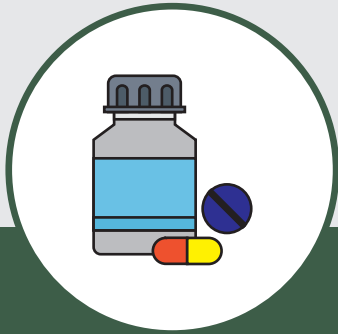
Pulp, Paper and Paper



GDP REPORT Q4 2018

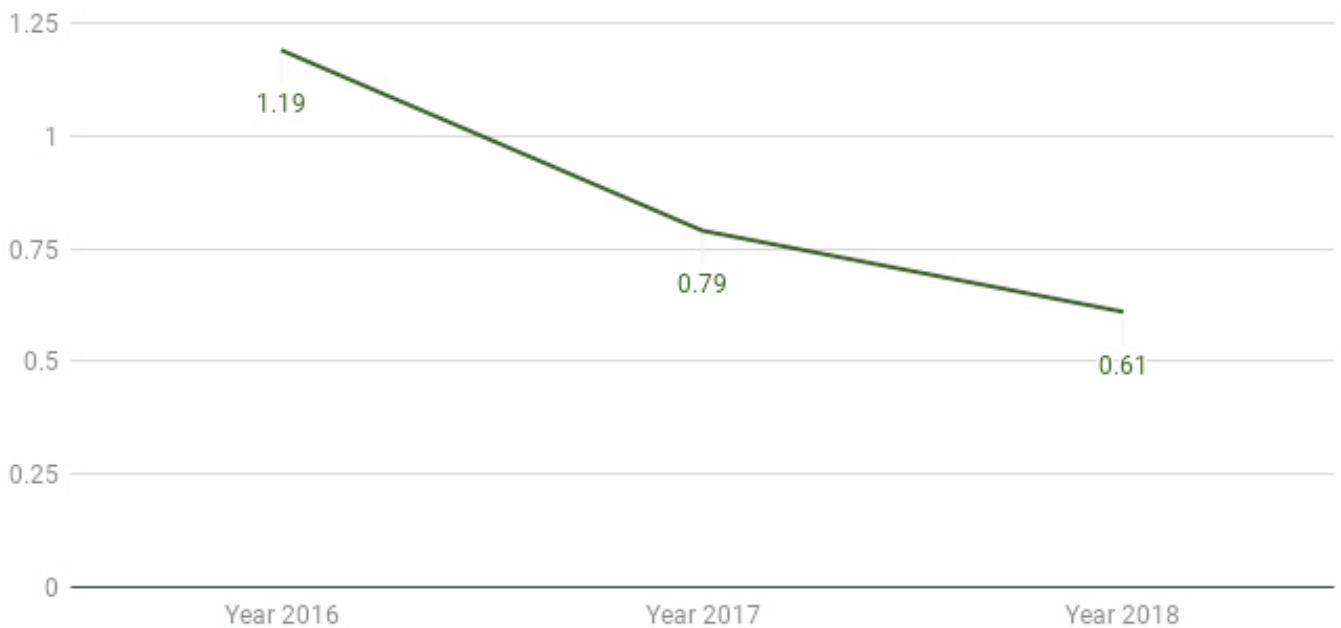
Chemical and Pharmaceutical Products: Year 2016 – Year 2018

Chemical and Pharmaceutical Products



Chemical and Pharmaceutical Products under manufacturing sector grew by 0.61% in full year 2018 from 0.79% in 2017 and 1.19% in 2016

Chemical and Pharmaceutical Products



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Non-Metallic Products: Year 2016 – Year 2018

Non-Metallic Products



Non-Metallic Products under manufacturing sector contracted by -0.48% in full year 2018 from 1.96% in 2017 and 3.2% in 2016.

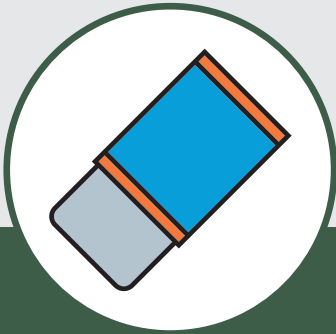
Non-Metallic Products



GDP REPORT Q4 2018

Plastic and Rubber Products: Year 2016 – Year 2018

Plastic and Rubber Products



Plastic and Rubber Products under manufacturing sector grew by 1.54% in full year 2018 from 0.99% in 2017 and 3.59% in 2016.

Plastic and Rubber Products



GDP REPORT Q4 2018

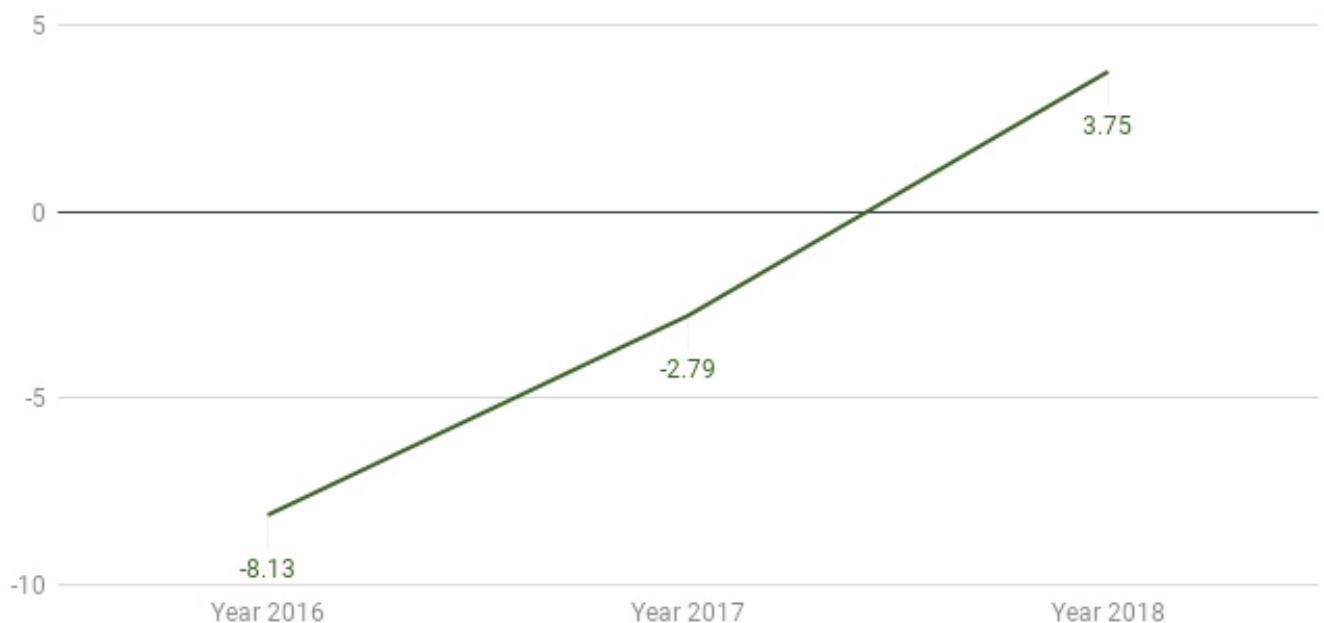
Electrical and Electronics: Year 2016 – Year 2018

Electrical and Electronics



Electrical and Electronics under manufacturing sector grew by 3.75% in full year 2018 from -2.79% in 2017 and -8.13% in 2016.

Electrical and Electronics



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Basic metal, Iron and Steel: Year 2016 – Year 2018

Basic metal , Iron and Steel



Basic metal, Iron and Steel under manufacturing sector grew by -0.75% in full year 2018 from 0.17% in 2017 and 0.72% in 2016.

Basic metal , Iron and Steel



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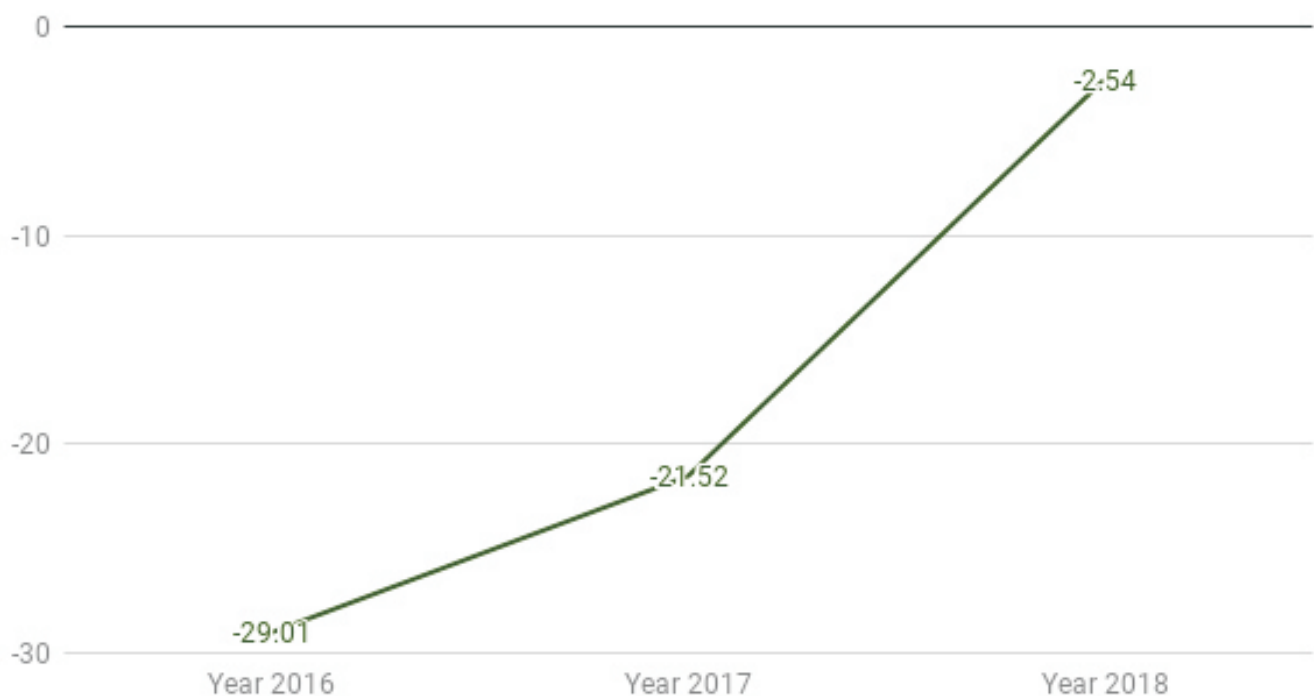
Motor Vehicles & Assembly: Year 2016 – Year 2018

Motor Vehicles & Assembly



Motor Vehicles & Assembly under manufacturing sector contracted by -2.54% in full year 2018 from -21.52% in 2017 and -29.01% in 2016.

Motor Vehicles & Assembly



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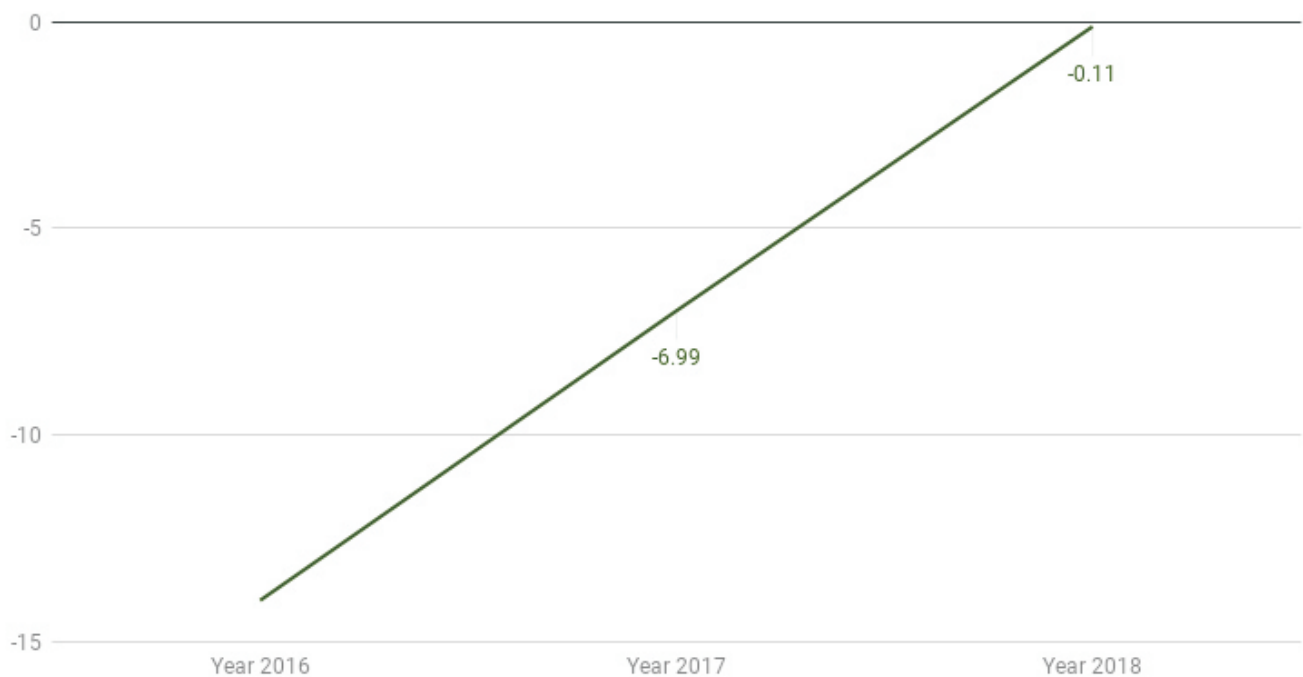
Other Manufacturing: Year 2016 – Year 2018

Other Manufacturing



Other Manufacturing under manufacturing sector contracted by -0.11% in full year 2018 from -6.99% in 2017 and -14.0% in 2016.

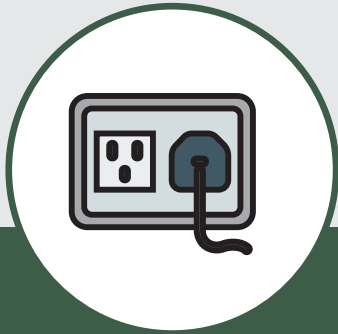
Other Manufacturing



GDP REPORT Q4 2018

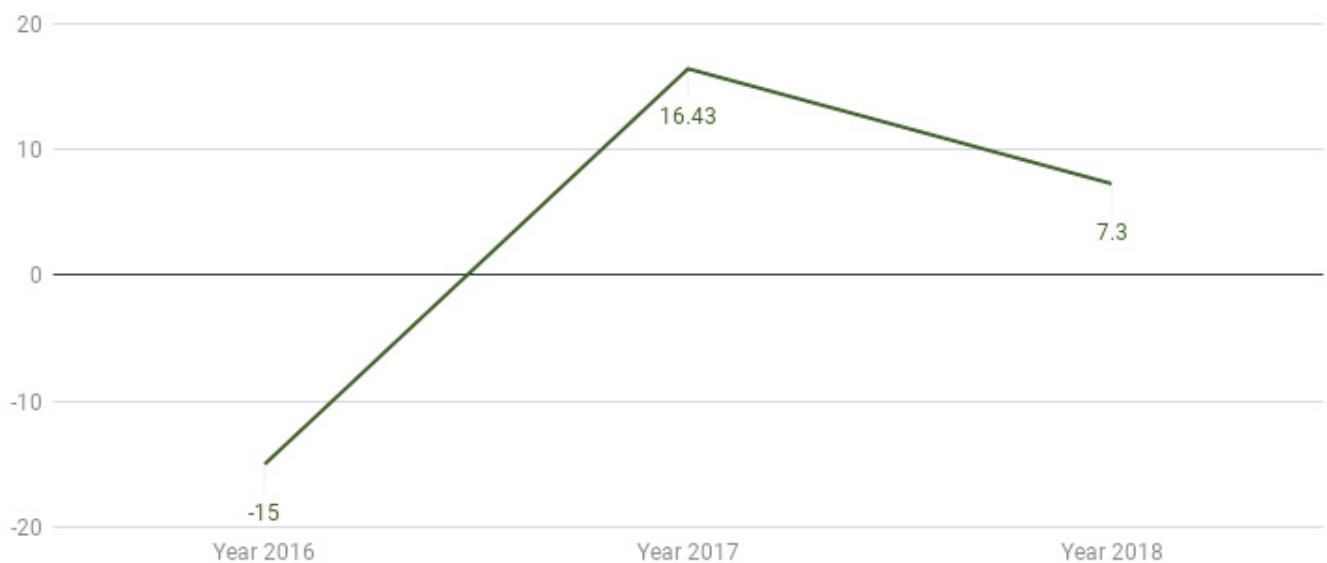
Electricity, Gas ,Steam And Air Conditioning Supply: Year 2016 – Year 2018

Electricity, Gas ,Steam And Air Conditioning Supply



Electricity, Gas ,Steam And Air Conditioning Supply sector grew by 7.3% in full year 2018 from 16.43% in 2017 and -15% in 2016.

ELECTRICITY, GAS ,STEAM AND AIR CONDITIONING SUPPLY



GDP REPORT Q4 2018

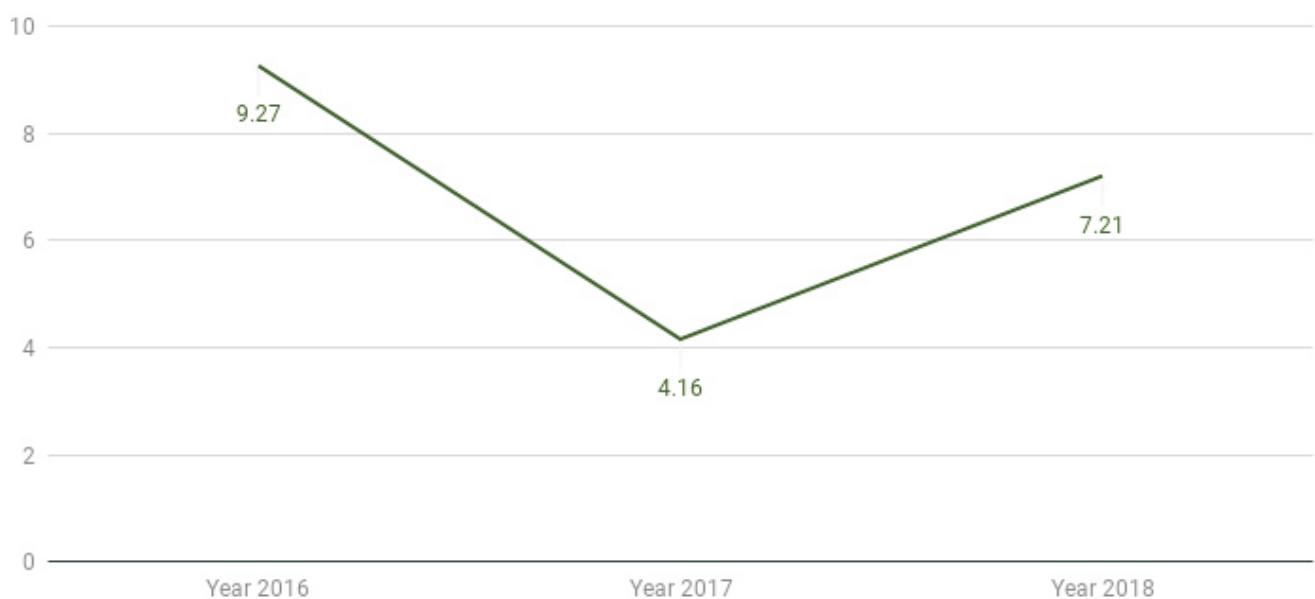
Water Supply, Sewerage, Waste Management And Remediation: Year 2016 - Year 2018

Water Supply, Sewerage, Waste Management And Remediation



Water Supply, Sewerage, Waste Management And Remediation sector grew by 7.21% in full year 2018 from 4.16% in 2017 and 9.27% in 2016.

Water Supply, Sewerage, Waste Management And Remediation



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Construction: Year 2016 – Year 2018

Construction



Construction sector grew by 2.33% in full year 2018 from 1.0% in 2017 and -5.95% in 2016.

CONSTRUCTION



GDP REPORT Q4 2018

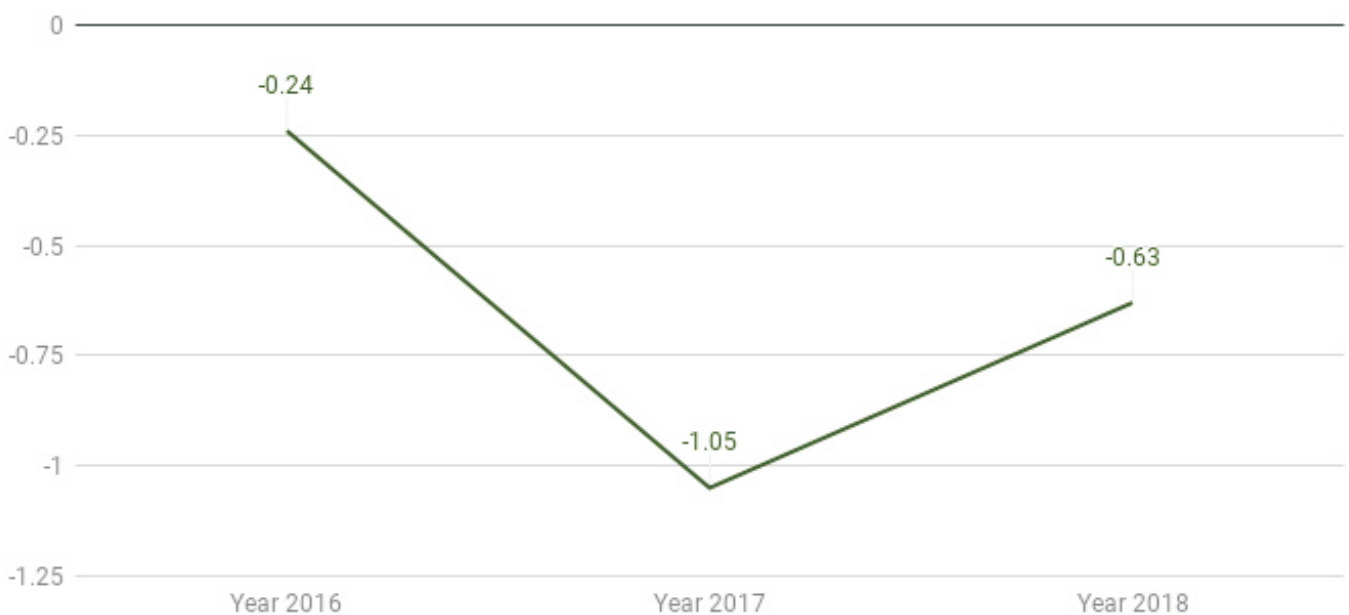
Trade: Year 2016 – Year 2018

Wholesale and Retail Trade



Trade sector contracted by -0.63% in full year 2018 from -1.05% in 2017 and -0.24% in 2016.

TRADE



GDP REPORT Q4 2018

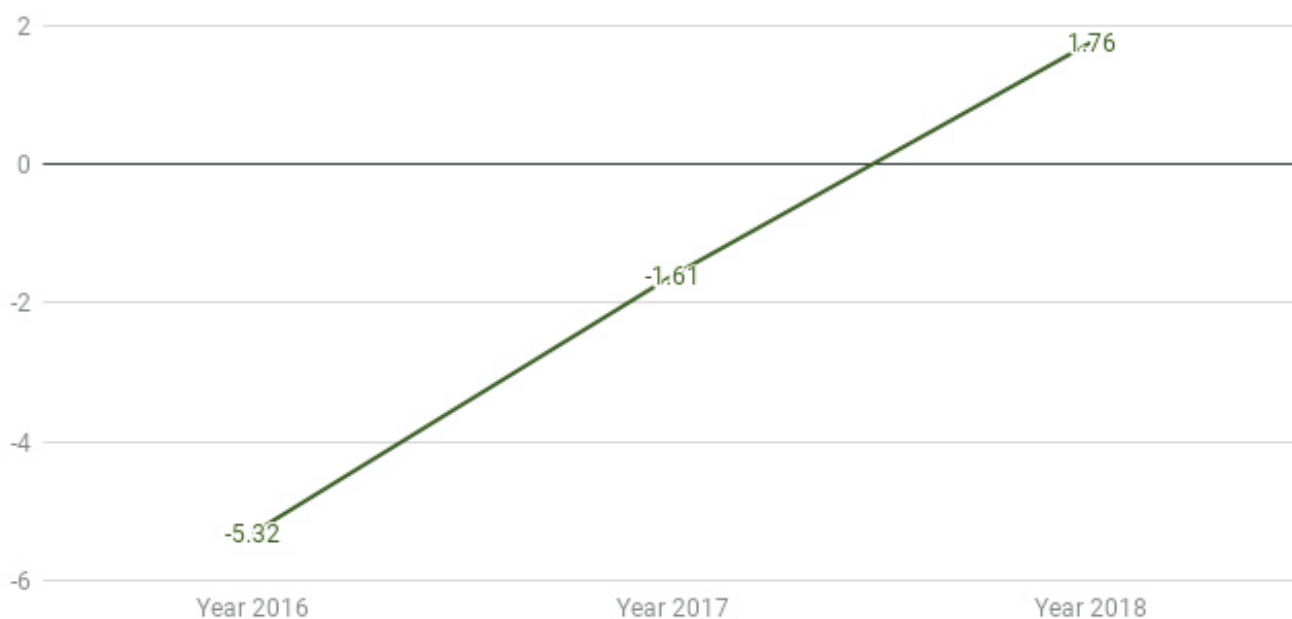
Accommodation and Food Services: Year 2016 – Year 2018

Accommodation and Food Services



Accommodation and Food Services sector grew by 1.76% in full year 2018 from -1.61% in 2017 and -5.32% in 2016.

ACCOMMODATION AND FOOD SERVICES



GDP REPORT Q4 2018

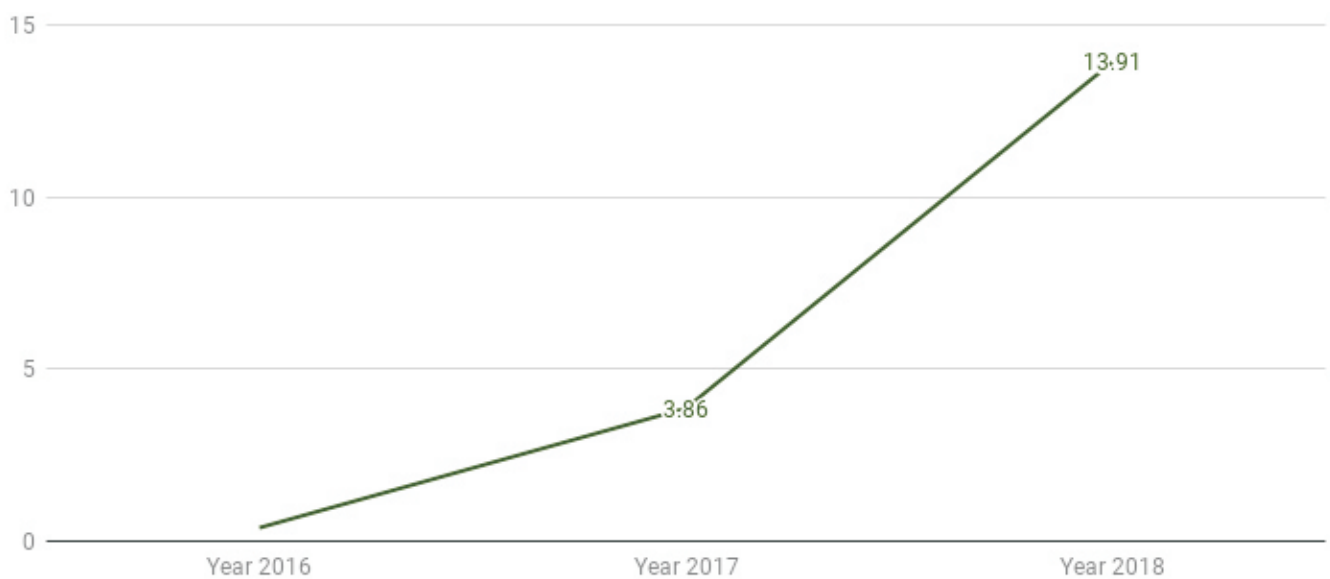
Transportation and Storage: Year 2016 – Year 2018

Transportation and Storage sector



Transportation and Storage sector grew by 13.91% in full year 2018 from 3.86% in 2017 and 0.39% in 2016.

TRANSPORTATION AND STORAGE



GDP REPORT Q4 2018

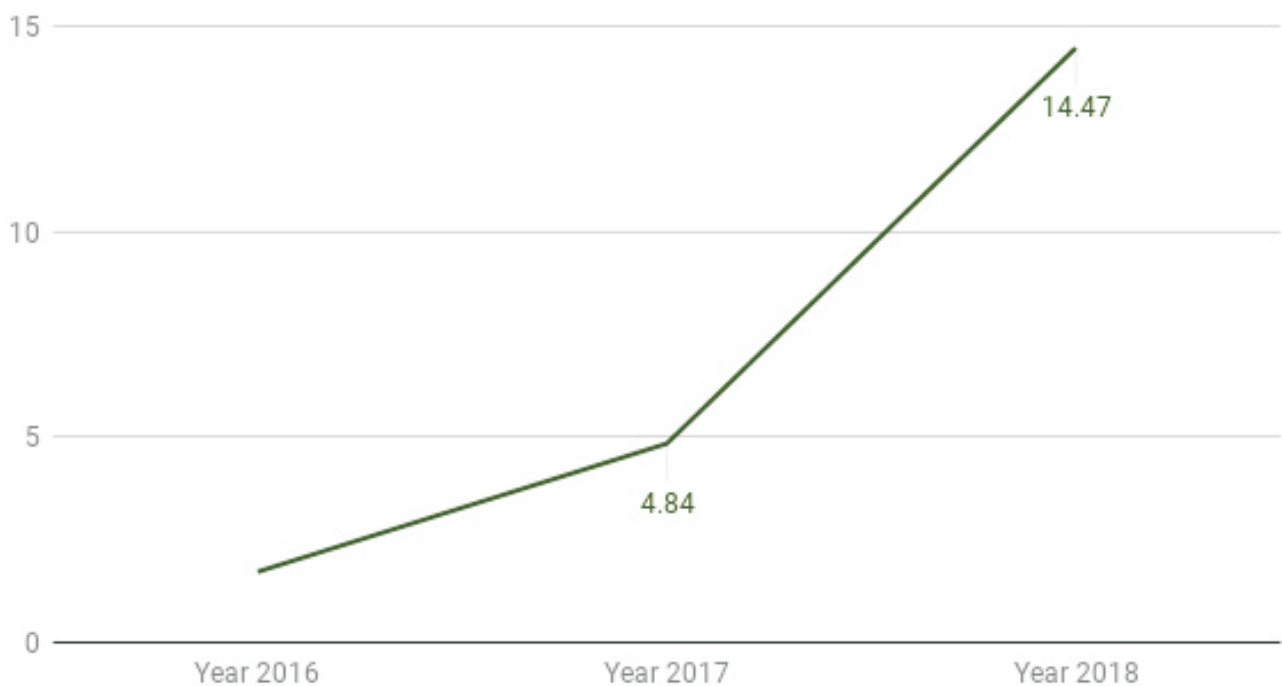
Road Transport: Year 2016 – Year 2018

Road Transport



Road Transport under Transportation and Storage sector grew by 14.47% in full year 2018 from 4.84% in 2017 and 1.72% in 2016.

Road Transport



GDP REPORT Q4 2018

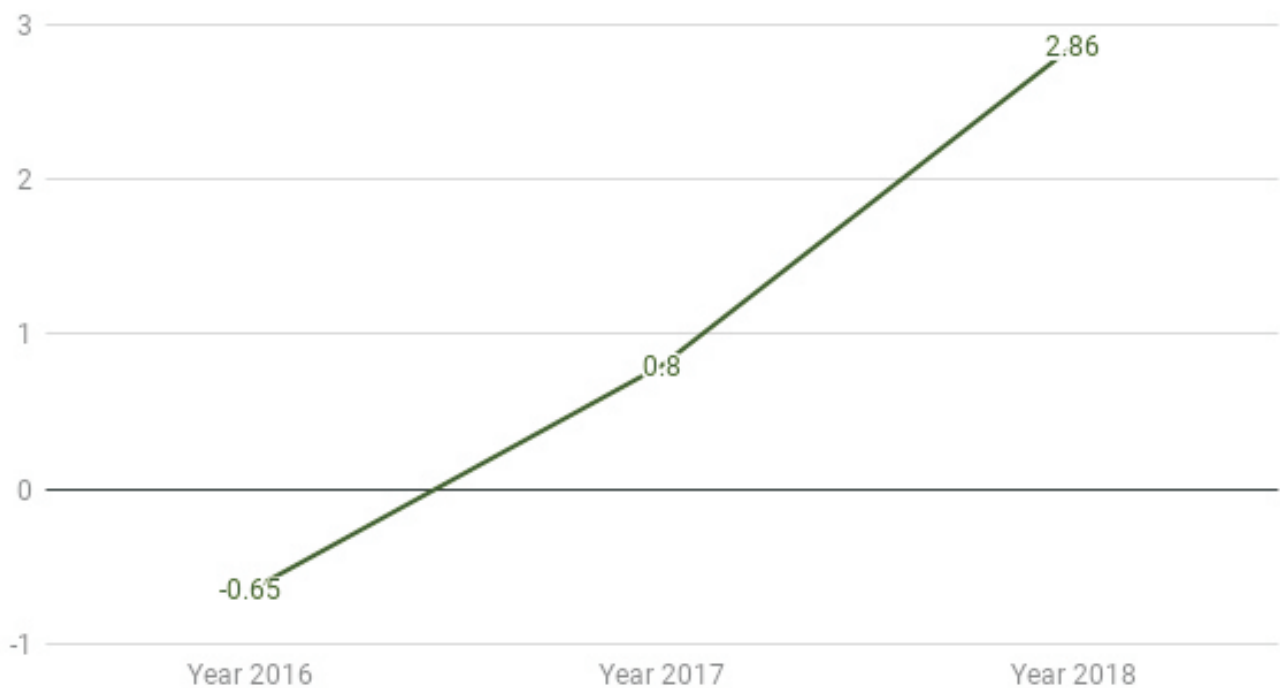
Rail Transport & Pipelines: Year 2016 – Year 2018

Rail Transport & Pipelines



Rail Transport & Pipelines under Transportation and Storage sector grew by 2.86% in full year 2018 from 0.8% in 2017 and -0.65% in 2016.

Rail Transport & Pipelines



GDP REPORT Q4 2018

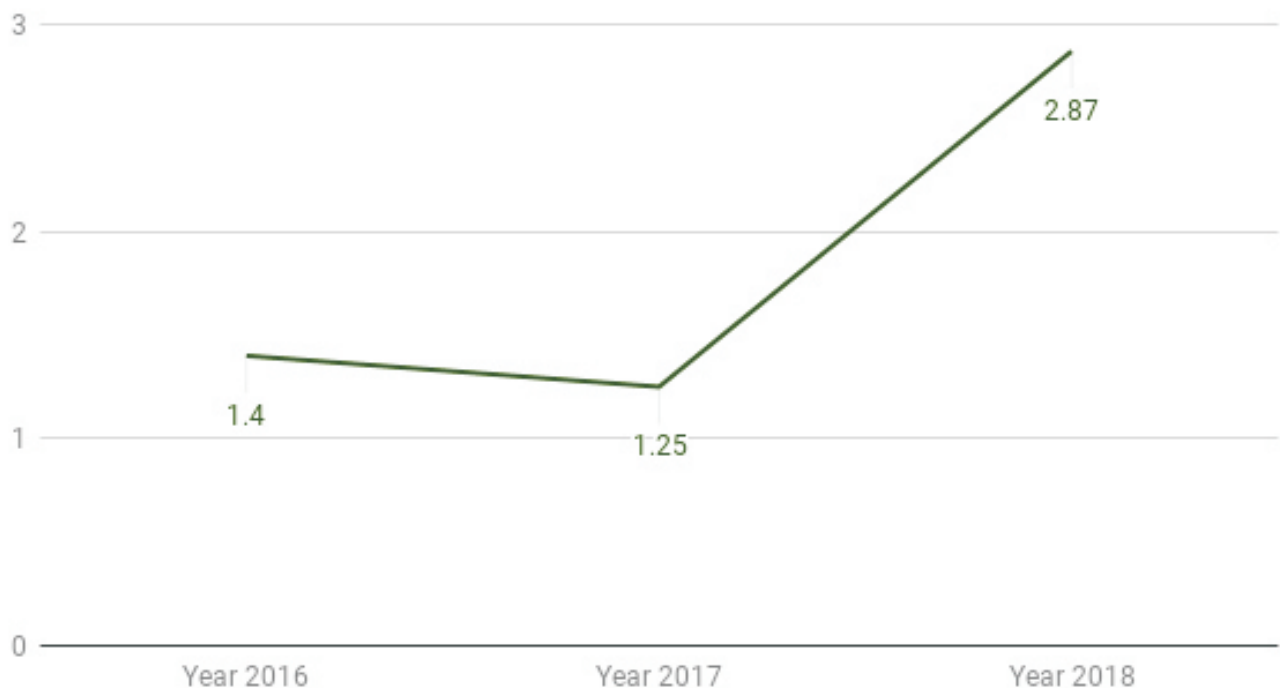
Water Transport: Year 2016 – Year 2018

Water Transport



Water Transport under Transportation and Storage sector grew by 2.87% in full year 2018 from 1.25% in 2017 and 1.4% in 2016.

Water Transport



GDP REPORT Q4 2018

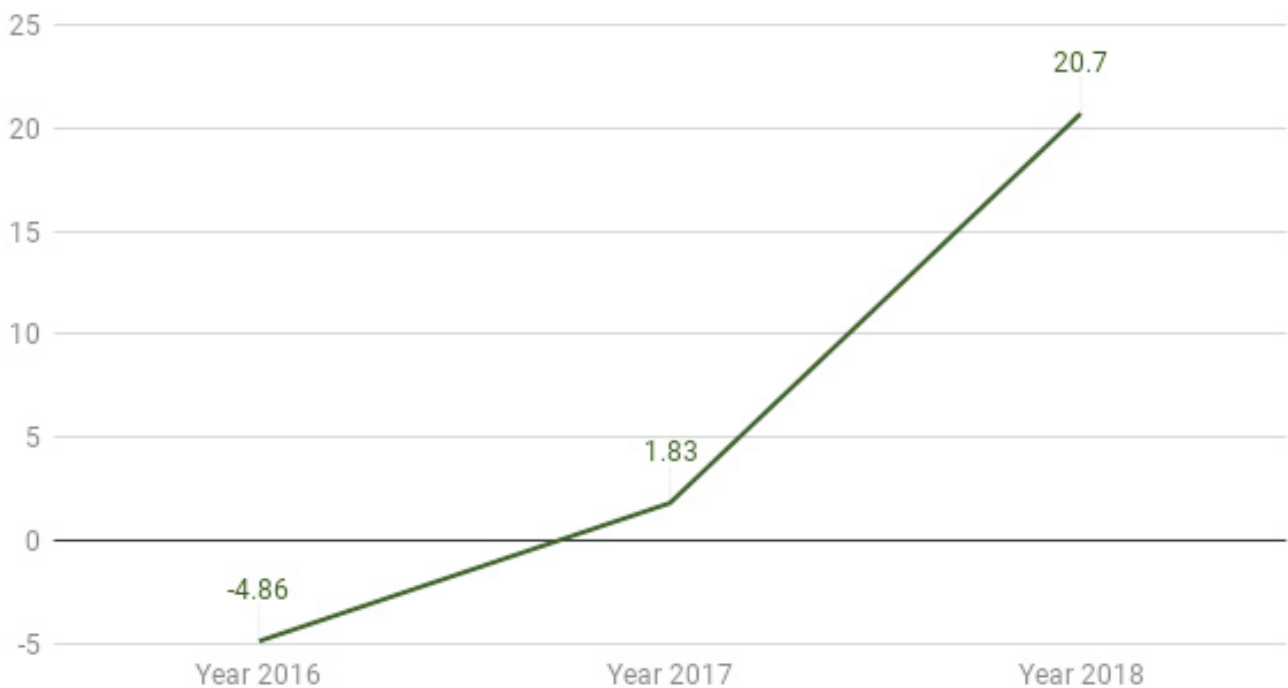
Air Transport: Year 2016 – Year 2018

Air Transport



Air Transport under Transportation and Storage sector grew by 20.7% in full year 2018 from 1.83% in 2017 and -4.86% in 2016.

Air Transport



GDP REPORT Q4 2018

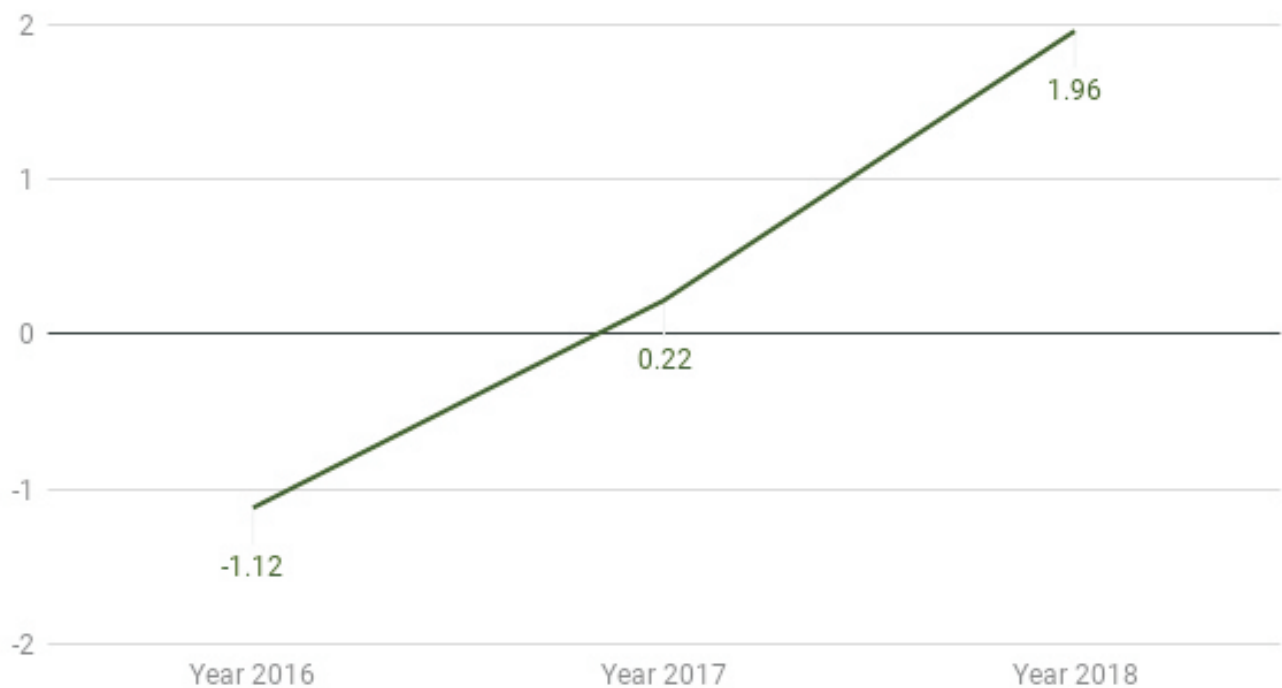
Transport Services: Year 2016 – Year 2018

Transport Services



Transport Services under Transportation and Storage sector grew by 1.96% in full year 2018 from 0.22% in 2017 and -1.12% in 2016.

Transport Services



GDP REPORT Q4 2018

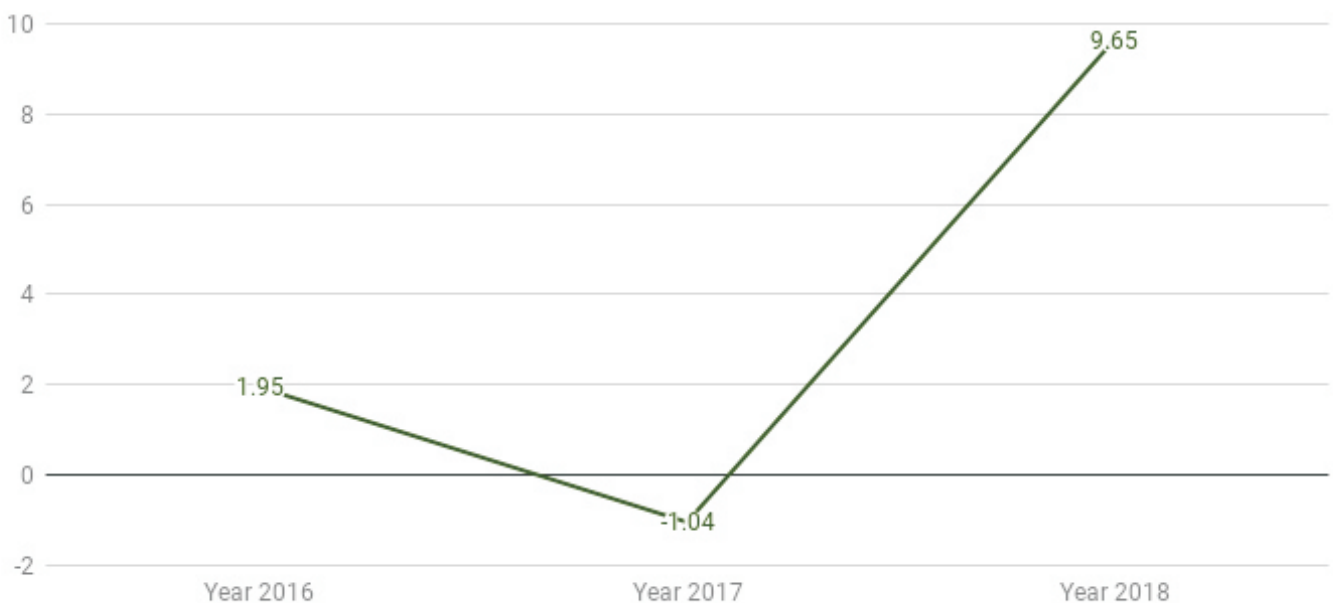
Information and Communication: Year 2016 – Year 2018

Information and Communication sector



Information and Communication sector grew by 9.65% in full year 2018 from -1.04% in 2017 and 1.95% in 2016.

INFORMATION AND COMMUNICATION



GDP REPORT Q4 2018

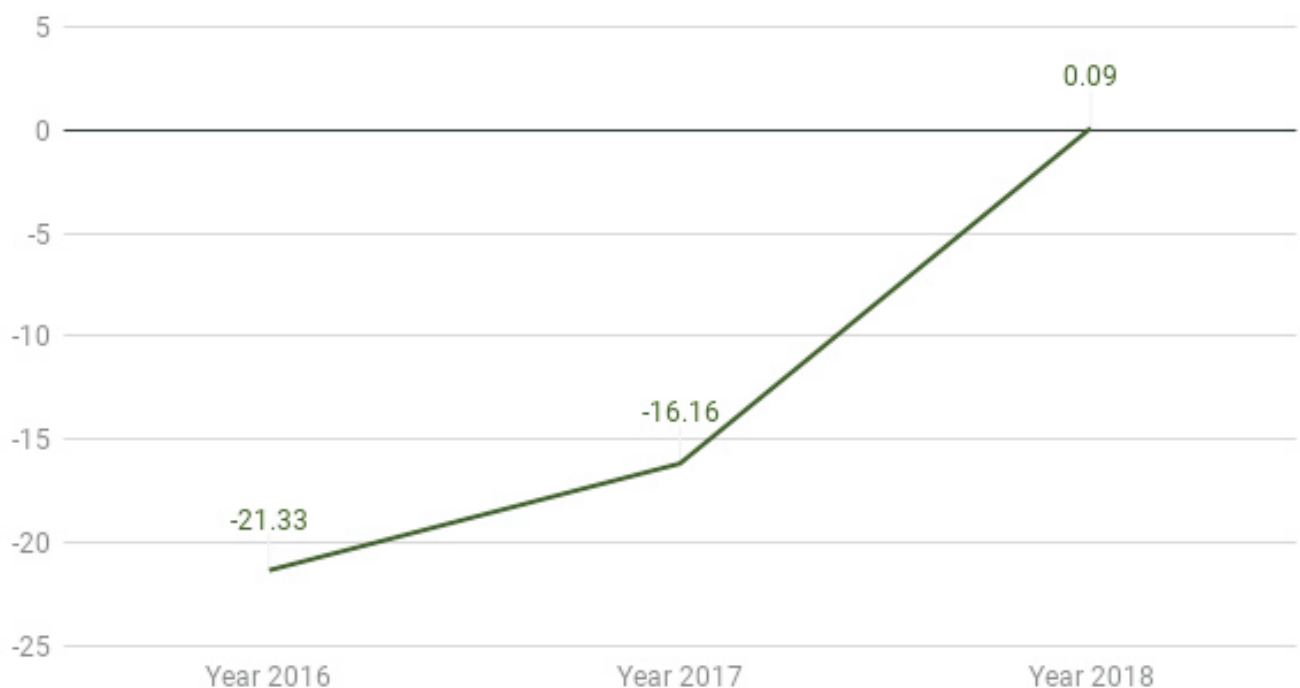
Post and Courier Services: Year 2016 – Year 2018

Post and Courier Services



Post and Courier Services under Transportation and Storage sector grew by 0.09% in full year 2018 from -16.16% in 2017 and -21.33% in 2016.

Post and Courier Services



GDP REPORT Q4 2018

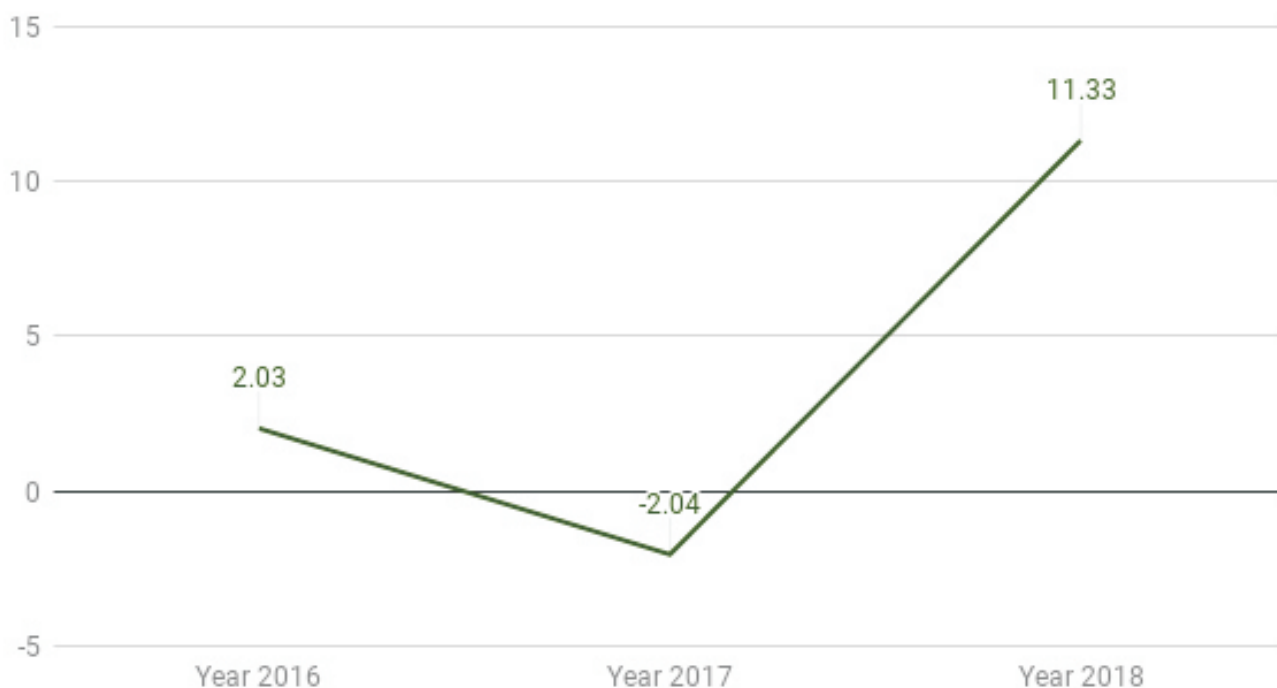
Telecommunications: Year 2016 – Year 2018

Telecommunications



Telecommunications under Information and Communication sector grew by 11.33% in full year 2018 from -2.04% in 2017 and 2.03% in 2016.

Telecommunications



GDP REPORT Q4 2018

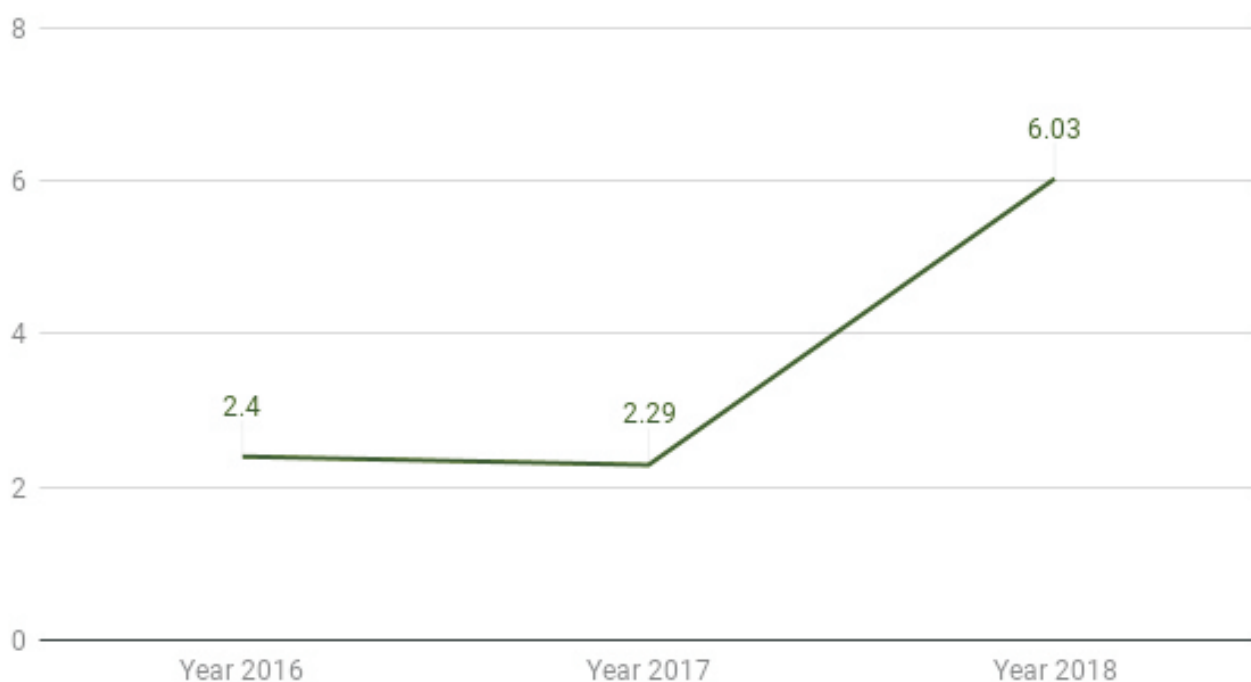
Publishing : Year 2016 – Year 2018

Publishing



Publishing under Information and Communication sector grew by 6.03% in full year 2018 from 2.29% in 2017 and 2.4% in 2016.

Publishing



GDP REPORT Q4 2018

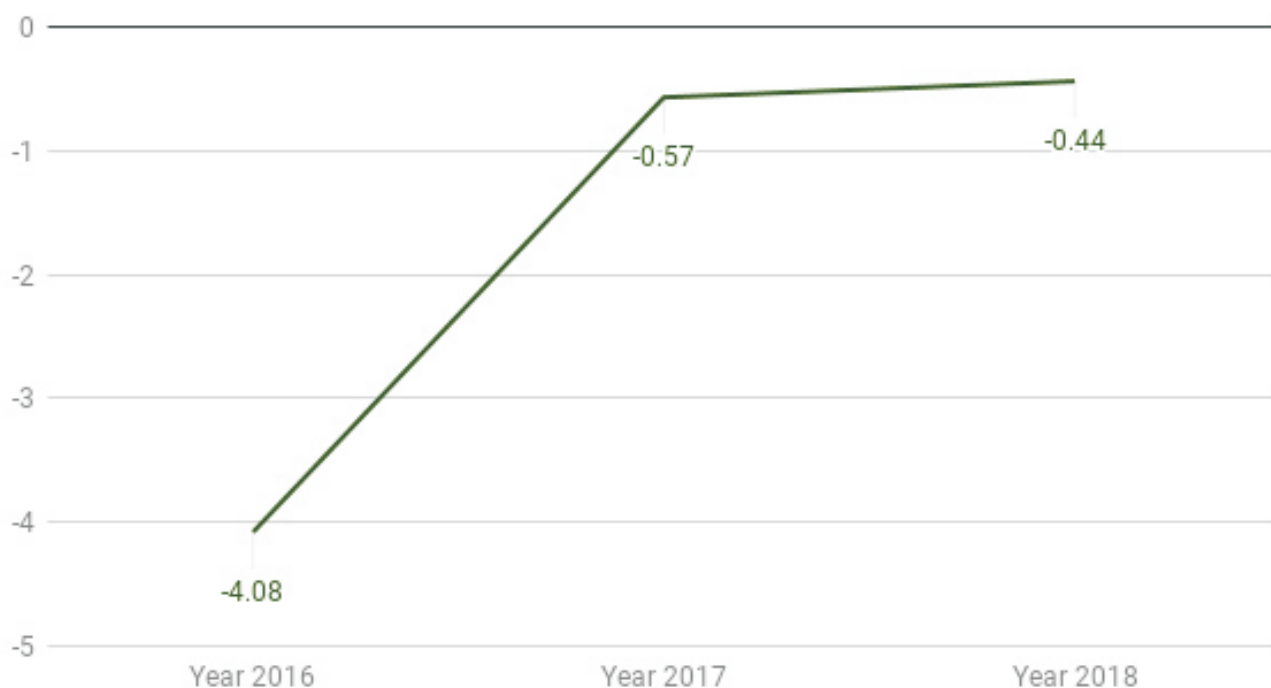
Motion Pictures, Sound recording and Music production: Year 2016 – Year 2018

Motion Pictures, Sound recording and Music production



Motion Pictures, Sound recording and Music production under Information and Communication sector contracted by -0.44% in full year 2018 from -0.57% in 2017 and -4.08% in 2016.

Motion Pictures, Sound recording and Music production



GDP REPORT Q4 2018

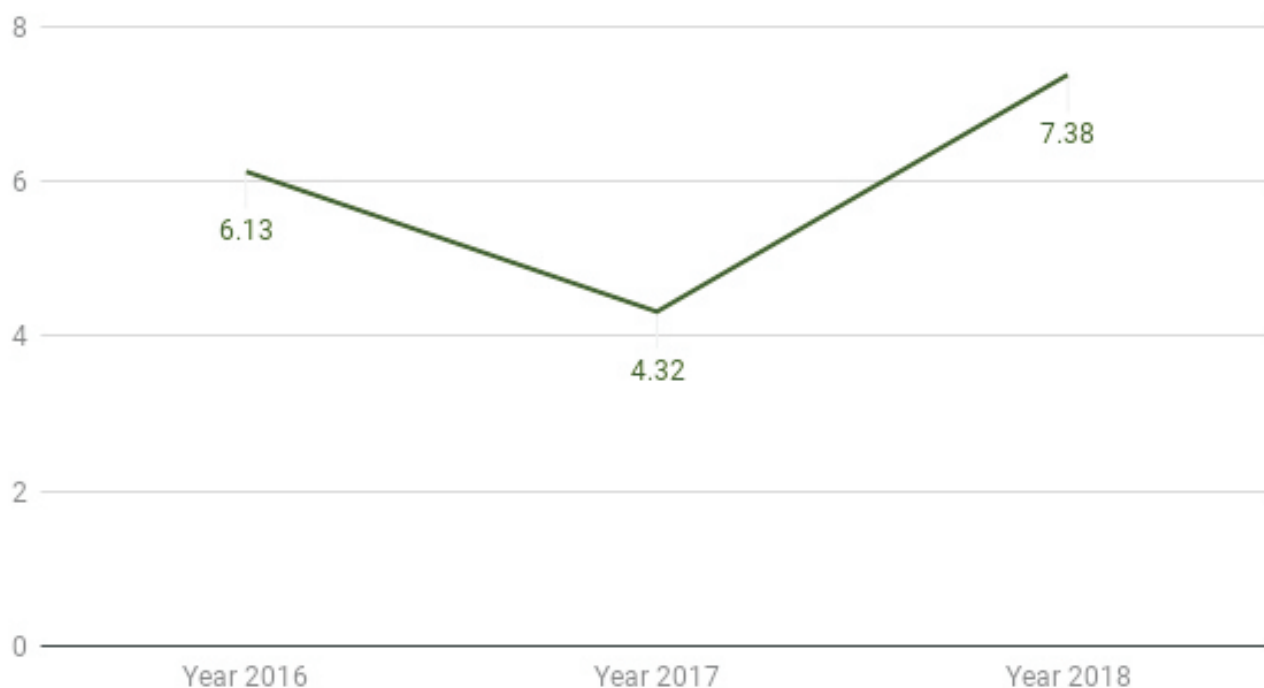
Broadcasting: Year 2016 – Year 2018

Broadcasting



Broadcasting under Information and Communication sector grew by 7.38% in full year 2018 from 4.32% in 2017 and 6.13% in 2016.

Broadcasting



GDP REPORT Q4 2018

Arts, Entertainment and Recreation: Year 2016 – Year 2018

Arts, Entertainment and Recreation



Arts, Entertainment and Recreation sector grew by 2.53% in full year 2018 from 4.13% in 2017 and 3.72% in 2016.

ARTS, ENTERTAINMENT AND RECREATION



GDP REPORT Q4 2018

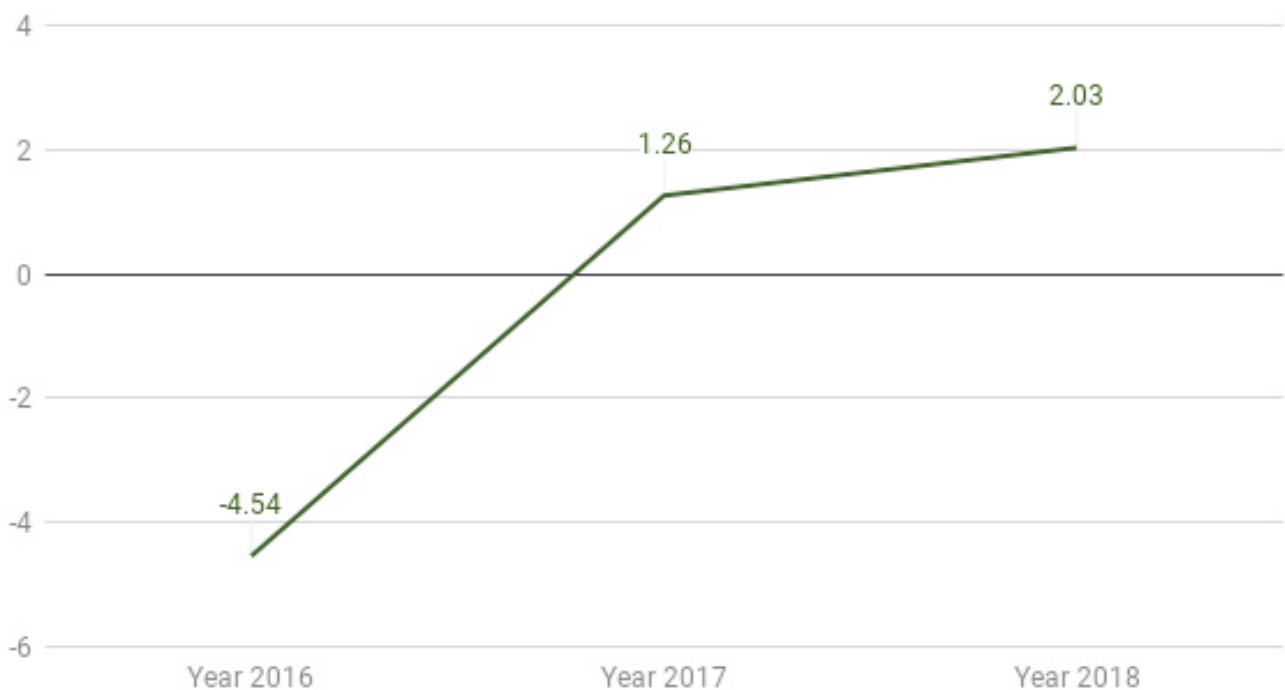
Financial and Insurance: Year 2016 – Year 2018

Financial and Insurance Sector



Financial and Insurance sector grew by 2.03% in full year 2018 from 1.26% in 2017 and -4.54% in 2016.

FINANCIAL AND INSURANCE



GDP REPORT Q4 2018

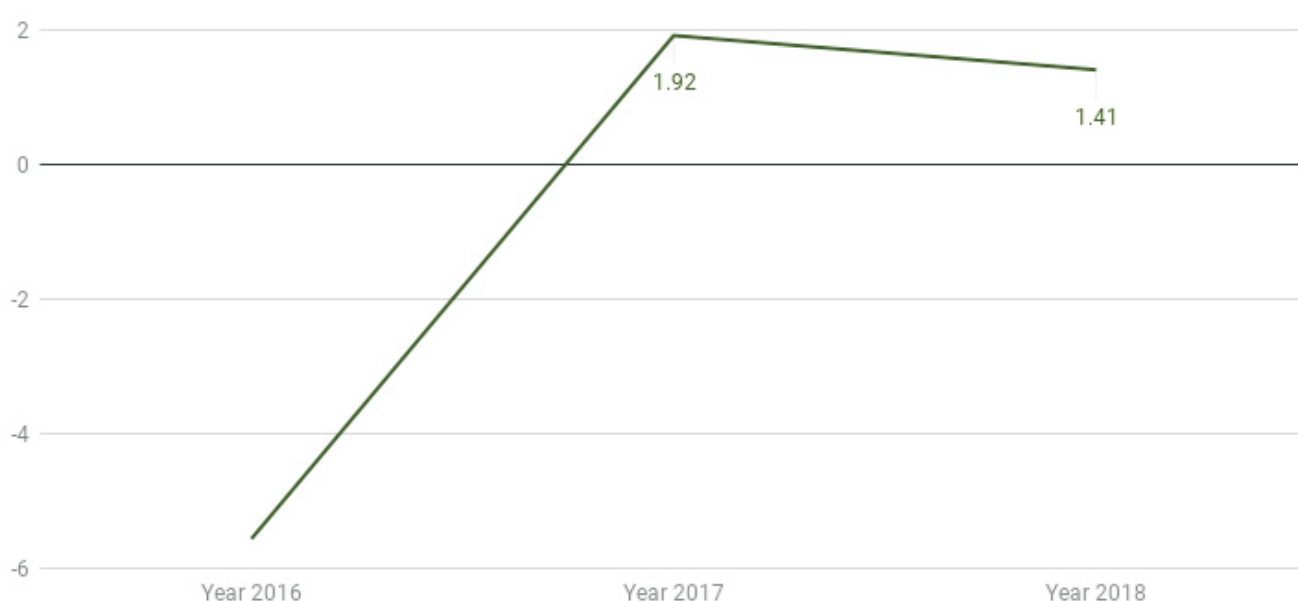
Financial Institutions: Year 2016 – Year 2018

Financial Institutions



Financial Institutions under Financial and Insurance sector grew by 1.41% in full year 2018 from 1.92% in 2017 and -5.57% in 2016.

Financial Institutions



GDP REPORT Q4 2018

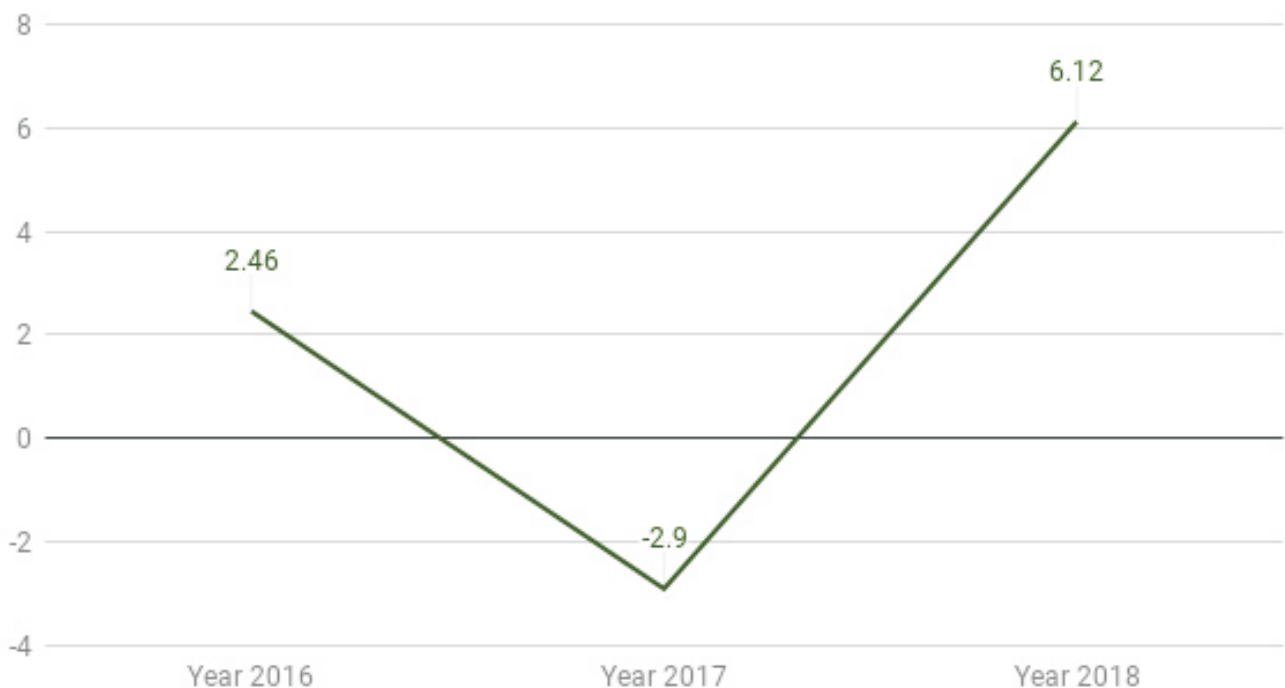
Insurance: Year 2016 – Year 2018

Insurance



Insurance under Financial and Insurance sector grew by 6.12% in full year 2018 from -2.9% in 2017 and 2.46% in 2016.

Insurance



GDP REPORT Q4 2018

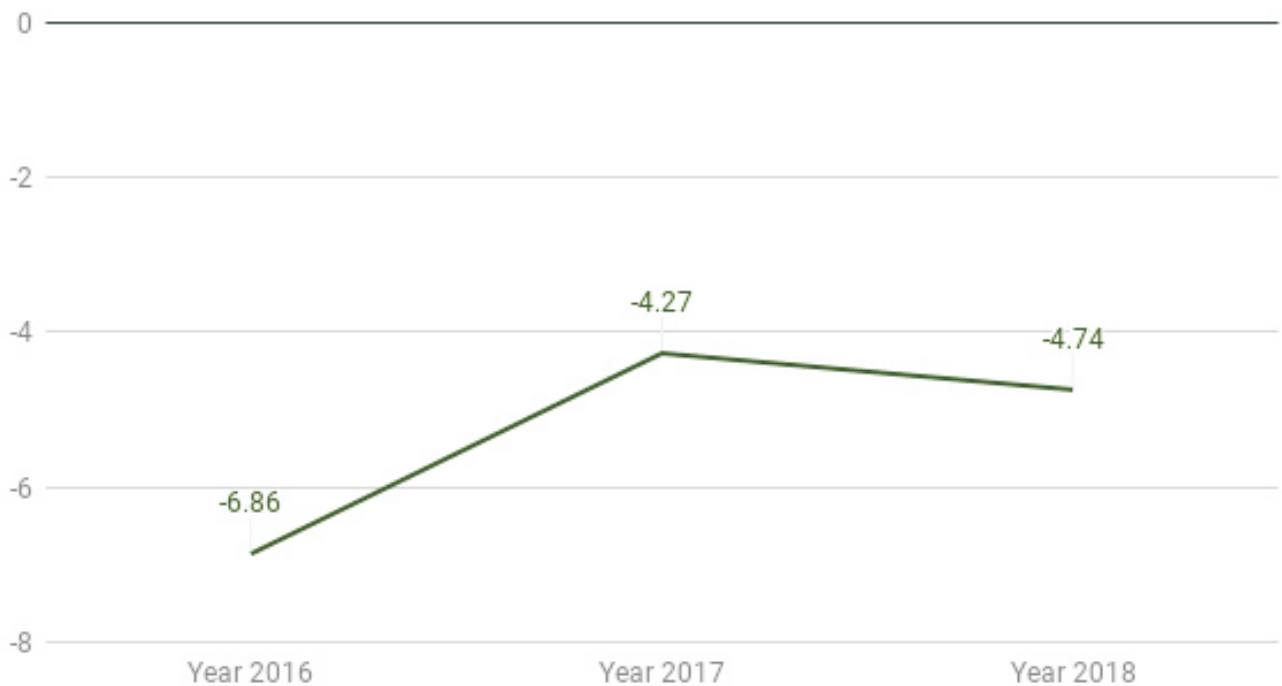
Real Estate: Year 2016 – Year 2018

Real Estate



Real Estate sector contracted by -4.74% in full year 2018 from -4.27% in 2017 and -6.86% in 2016.

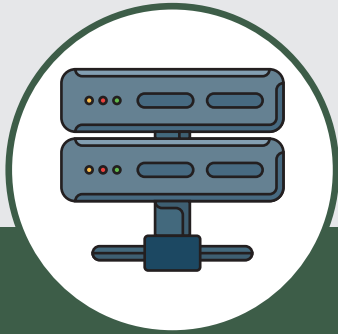
REAL ESTATE



GDP REPORT Q4 2018

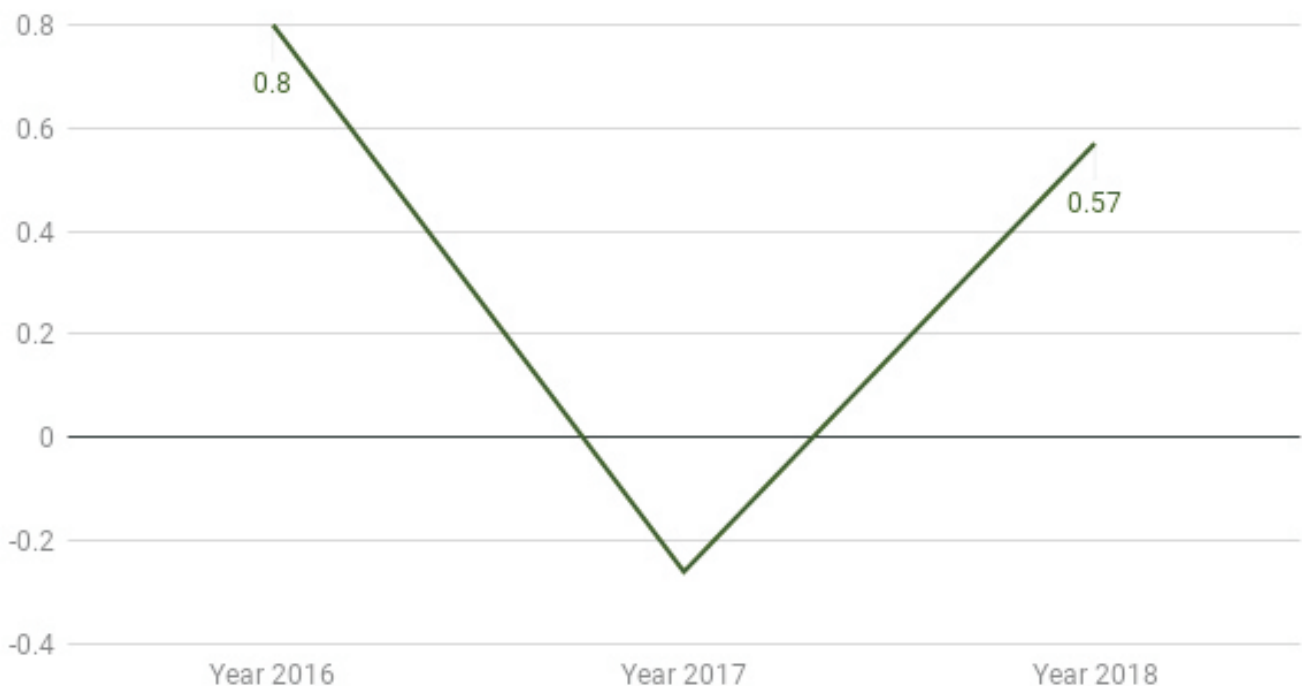
Professional, Scientific and Technical Services: Year 2016 – Year 2018

Professional, Scientific and Technical Services



Professional, Scientific and Technical Services sector grew by 0.57% in full year 2018 from -0.26% in 2017 and 0.8% in 2016.

PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES



GDP REPORT Q4 2018

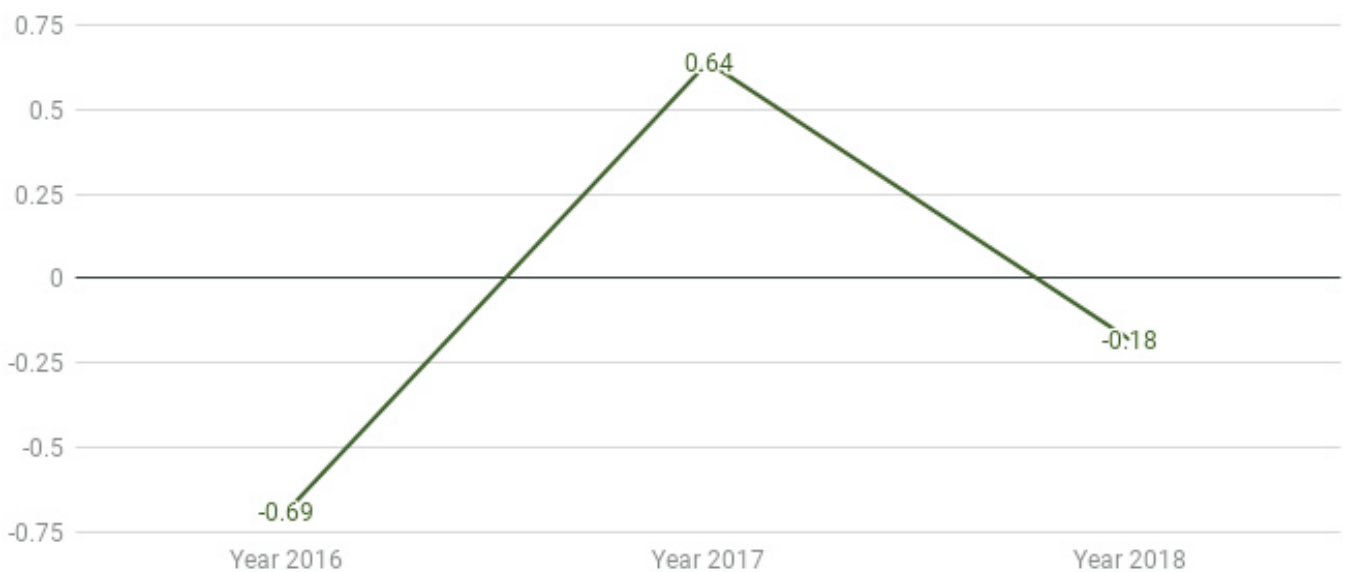
Administrative & Support Services: Year 2016 – Year 2018

Administrative & Support Services



Administrative & Support Services sector contracted by -0.18% in full year 2018 from 0.64% in 2017 and -0.69% in 2016.

ADMINISTRATIVE & SUPPORT SERVICES



GDP REPORT Q4 2018

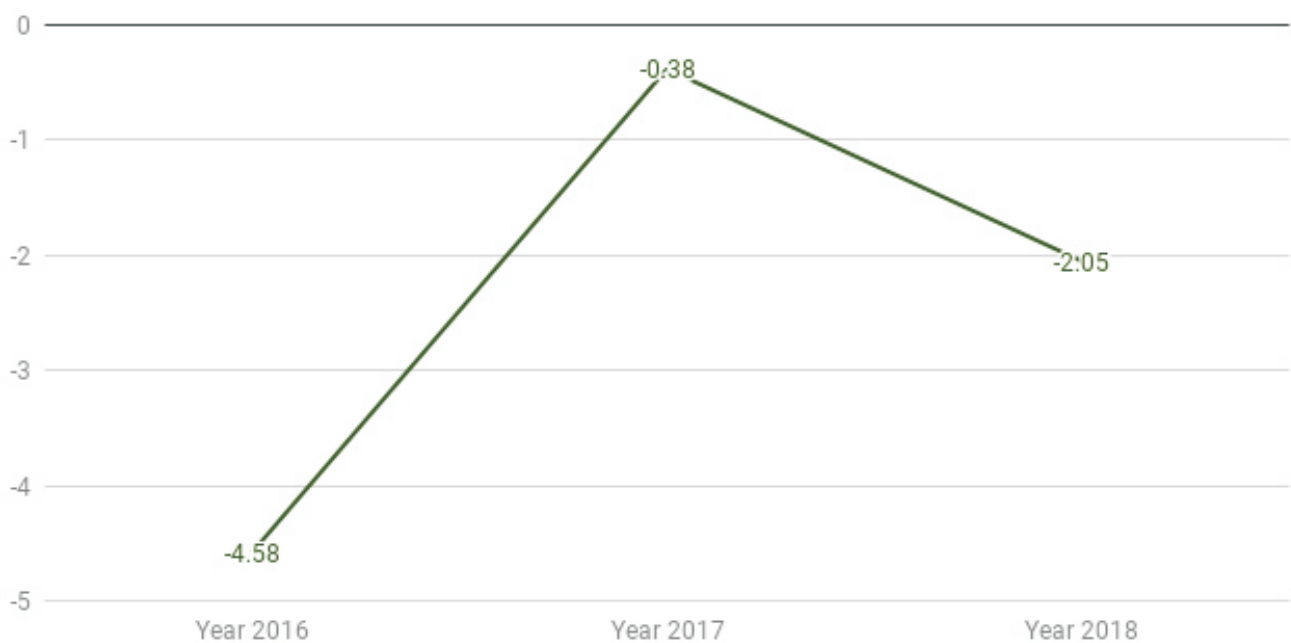
Public Administration: Year 2016 – Year 2018

Public Administration



Public Administration sector contracted by -2.05% in full year 2018 from -0.38% in 2017 and -4.58% in 2016

PUBLIC ADMINISTRATION



GDP REPORT Q4 2018

Education: Year 2016 – Year 2018

Education



Education sector contracted by -0.03% in full year 2018 from -0.72% in 2017 and 1.35% in 2016.

EDUCATION



GDP REPORT Q4 2018

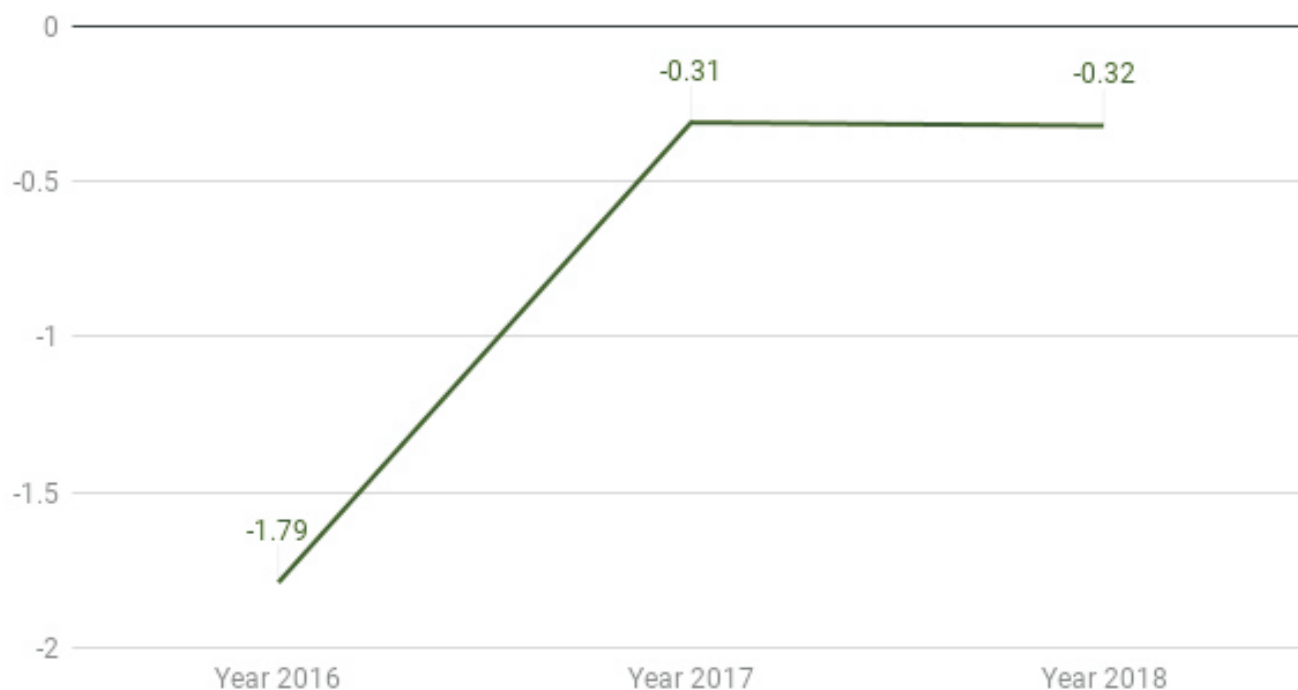
Human Health and Social Services: Year 2016 – Year 2018

Human Health and Social Services



Human Health and Social Services sector contracted by -0.32% in full year 2018 from -0.31% in 2017 and -1.79% in 2016.

HUMAN HEALTH AND SOCIAL SERVICES



GDP REPORT Q4 2018

Other Services: Year 2016 – Year 2018

Other Services



Other Services sector grew by 2.17% in full year 2018 from 2.35% in 2017 and 4.93% in 2016.

OTHER SERVICES



GDP REPORT Q4 2018

Industries: Year 2016 – Year 2018

Industries

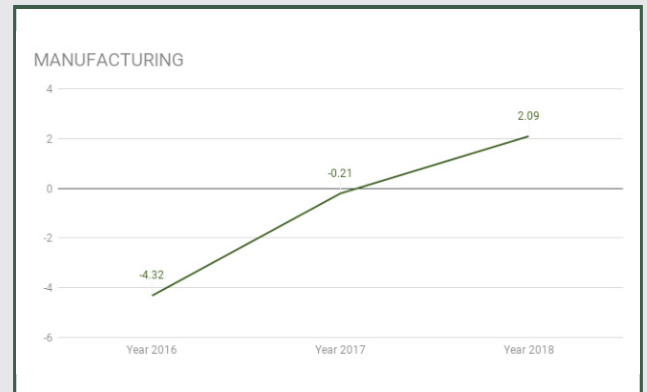


Industries sector grew by 1.94% in full year 2018 from 2.15% in 2017 and -8.85% in 2016.

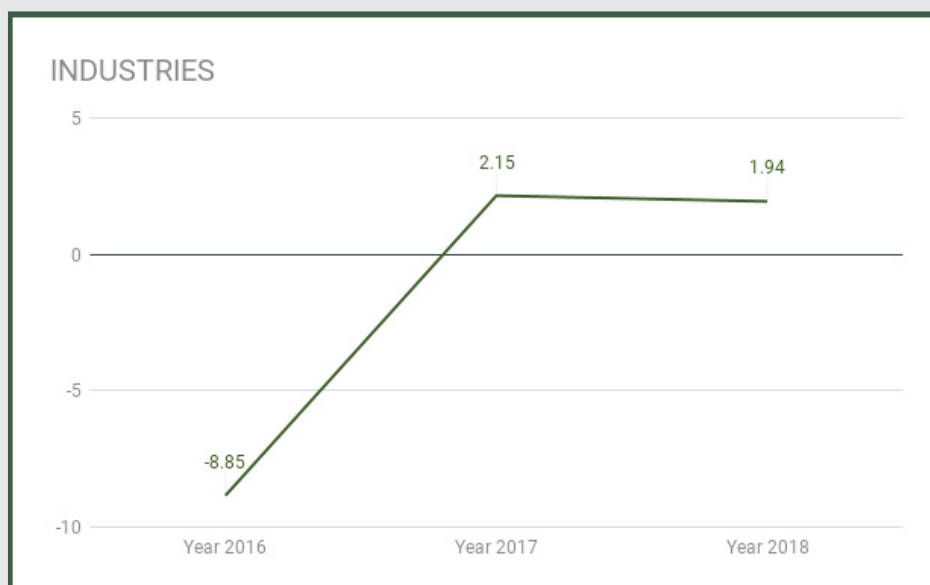
MINING AND QUARRYING



MANUFACTURING



INDUSTRIES



GDP REPORT Q4 2018

Services: Year 2016 – Year 2018

Services

ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY

WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION

CONSTRUCTION

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 Q4 2018

Services: Year 2016 – Year 2018

Services



Services sector grew by 1.83% in full year 2018 from -0.91% in 2017 and -0.82% in 2016.

SERVICES



Methodological Notes

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

In line with international standards outlined under the United Nations Statistics Division (UNSTATS), four major methodological pillars underpin GDP compilation in Nigeria:

The System of National Accounts (SNA 2008 version)

The internationally agreed standard of recommendations as to how to compile measures of economic activity.

The International Standard Industrial Classification (ISIC Revision 4.0):

This is the international reference for the classification of productive activities. Its main purpose is to provide a set of activity categories that can be used for the collection and reporting of statistics according to such activities.

The Central Product Classification (CPC version 2)

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

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

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

1. AGRICULTURE

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

1.1 CROP PRODUCTION

Section A, Division 01 of ISIC Rev 4

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

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

Methodological Notes

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, traveling 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,

Methodological Notes

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.

Methodological Notes

8. ACCOMODATION 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.

Methodological Notes

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).

Methodological Notes

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.

Methodological Notes

Government Production (non-market service):

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

Private Production (market service):

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

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

18. HUMAN HEALTH AND SOCIAL SERVICES

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

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

Government production (non-market service):

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

Private production (market service):

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

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

19. OTHER SERVICE ACTIVITIES

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

Gross Output: Income generated from the various services rendered.

Appendix

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

	2017				2018					
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
ACTIVITY SECTOR										
AGRICULTURE										
1. Crop Production	3,969,515.26	4,530,128.43	6,536,584.78	6,059,876.78	21,096,105.25	4,201,158.94	5,040,537.40	7,761,398.05	7,204,703.55	24,207,797.93
2. Livestock	487,870.92	474,213.64	465,642.41	546,720.78	1,974,447.76	479,988.00	481,746.01	495,605.98	591,262.16	2,048,602.16
3. Forestry	58,244.18	66,980.17	60,618.56	71,366.54	257,209.46	60,024.07	70,007.69	65,263.98	77,494.90	272,790.64
4. Fishing	170,591.17	138,824.80	135,364.39	180,011.39	624,791.74	216,687.29	172,289.75	194,363.91	258,764.08	842,105.03
MINING AND QUARRYING					0.00					0.00
5. Crude Petroleum and Natural Gas	2,141,964.14	2,420,354.42	3,176,458.00	2,617,169.57	10,355,946.14	3,947,005.01	3,728,989.91	3,452,485.75	2,321,111.08	13,449,591.75
6. Coal Mining	3,114.70	3,003.22	666.51	2,650.79	9,435.23	3,277.28	3,199.78	779.70	2,525.34	9,782.10
7. Metal Ores	3,490.31	1,896.67	1,469.26	1,076.96	7,933.20	5,230.87	2,256.54	2,047.24	1,369.38	10,904.02
8. Quarrying and Other Minerals	5,161.51	30,388.33	36,030.34	37,077.76	108,657.94	7,763.36	47,285.00	66,067.91	82,988.10	204,104.37
MANUFACTURING					0.00					0.00
9. Oil Refining	38,598.24	67,406.56	63,142.02	42,693.41	211,840.22	41,551.21	54,296.69	55,485.44	59,326.00	210,659.34
10. Cement	207,456.89	202,365.47	207,723.55	228,807.23	846,353.13	251,811.33	304,027.71	386,990.79	402,920.84	1,345,750.67
11. Food, Beverage and Tobacco	1,100,504.47	1,124,771.88	1,135,903.57	1,207,663.93	4,568,843.85	1,193,619.15	1,269,942.41	1,394,538.30	1,474,258.93	5,332,358.79
12. Textile, Apparel and Footwear	565,538.33	545,746.65	590,960.29	642,554.37	2,344,799.63	610,644.02	681,231.74	799,453.43	874,360.09	2,965,689.27
13. Wood and Wood Products	78,831.87	71,976.15	75,465.90	78,851.91	305,125.83	82,187.10	81,682.72	90,935.08	95,550.45	350,355.36
14. Pulp, Paper and Paper Products	20,429.23	20,198.64	21,885.68	23,678.96	86,192.51	23,769.27	29,575.65	35,607.38	39,634.88	128,587.19
15. Chemical and Pharmaceutical Products	51,561.70	57,459.04	57,193.09	58,911.99	225,125.81	55,229.45	68,122.84	77,178.01	79,403.69	279,933.99
16. Non-Metallic Products	103,797.46	102,818.52	107,446.40	104,177.74	418,240.11	110,213.67	141,043.79	168,800.41	170,158.67	590,216.54
17. Plastic and Rubber products	80,457.12	80,225.35	81,954.62	84,593.48	327,230.57	83,997.97	93,637.40	103,396.30	108,795.94	389,827.61
18. Electrical and Electronics	1,181.58	1,686.45	1,857.10	1,904.63	6,629.76	1,400.15	2,202.04	2,696.46	2,709.16	9,007.81
19. Basic metal, Iron and Steel	56,220.98	59,318.51	61,156.70	66,682.03	243,378.22	58,821.56	65,186.21	75,615.46	82,683.14	282,306.36
20. Motor vehicles & assembly	14,413.41	15,756.58	13,647.40	16,479.38	60,296.77	19,639.59	27,612.27	29,317.90	37,449.12	114,018.88
21. Other Manufacturing	103,513.43	88,859.22	98,526.01	109,529.86	400,428.53	105,938.17	95,944.63	120,567.56	134,365.73	456,816.09
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	74,078.41	177,267.07	159,286.13	257,286.20	667,917.81	81,146.88	222,463.20	239,671.93	328,271.07	871,553.07
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	38,739.46	46,684.05	42,555.45	35,771.94	163,750.91	45,463.50	62,184.23	56,445.53	47,430.16	211,523.43
24. CONSTRUCTION	1,077,986.60	1,166,447.71	918,732.50	1,118,609.30	4,281,776.11	1,174,608.22	1,680,686.49	1,402,656.04	1,773,110.02	6,031,060.77
25. TRADE	5,256,545.00	5,208,659.47	5,290,494.84	5,818,029.93	21,573,729.25	5,144,977.56	5,208,238.20	5,490,402.86	6,074,826.04	21,918,444.66
26. ACCOMMODATION AND FOOD SERVICES	280,471.93	166,111.19	248,398.40	289,221.69	984,203.20	291,126.93	193,615.38	300,286.75	359,336.82	1,144,365.87
TRANSPORTATION AND STORAGE					0.00					0.00
27. Road Transport	396,619.77	330,356.64	360,765.61	477,071.70	1,564,813.72	475,445.71	466,019.91	479,054.58	638,418.07	2,058,938.27
28. Rail Transport & Pipelines	37.87	105.50	66.78	118.36	328.51	38.20	107.40	71.14	127.10	343.84
29. Water Transport	1,536.58	2,692.01	3,011.63	2,189.42	9,429.63	1,578.84	2,851.05	3,144.49	2,284.15	9,858.53
30. Air Transport	25,492.71	21,909.99	28,170.55	30,289.23	105,862.50	29,228.69	31,449.12	42,027.74	46,647.14	149,352.70
31. Transport Services	11,876.88	20,944.65	25,354.37	28,252.89	86,428.79	12,101.72	21,041.46	26,620.63	29,244.58	89,008.40
32. Post and Courier Services	8,027.49	2,597.70	3,790.87	6,211.68	20,627.75	8,300.14	3,134.93	3,045.40	6,385.59	20,866.06
INFORMATION AND COMMUNICATION			0.00		0.00					0.00
33. Telecommunications & Information Services	2,093,280.68	2,236,521.29	1,905,116.96	2,323,196.52	8,558,115.45	2,138,814.13	2,529,674.68	2,229,516.15	2,769,302.85	9,667,307.82
34. Publishing	8,130.38	8,703.43	7,335.02	8,063.05	32,231.88	9,362.36	9,098.50	7,761.36	8,511.35	34,733.58
35. Motion Pictures, Sound recording and Music production	366,113.40	300,071.12	275,218.32	307,703.32	1,249,106.17	367,473.24	294,808.01	275,889.65	312,010.72	1,250,181.62
36. Broadcasting	507,142.23	497,315.19	372,226.47	501,418.07	1,878,101.96	512,279.09	609,663.32	389,861.44	515,846.23	2,027,650.08
37. ARTS, ENTERTAINMENT RECREATION	80,344.17	63,426.48	55,982.25	61,333.59	261,086.50	80,673.94	65,993.58	57,970.08	64,438.06	269,075.66
FINANCIAL AND INSURANCE					0.00					0.00
38. Financial Institutions	815,974.46	855,185.40	780,280.32	878,646.78	3,330,086.95	922,832.19	880,896.48	756,430.89	888,840.52	3,449,000.07
39. Insurance	123,772.68	158,400.76	115,693.39	107,822.99	505,689.81	146,803.79	168,020.11	120,118.32	112,812.76	547,754.99
40. REAL ESTATE	1,823,650.64	2,154,258.54	2,213,792.25	2,399,842.66	8,591,544.09	1,670,919.80	2,176,477.68	2,294,971.07	2,490,448.56	8,632,817.11
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	1,078,130.37	1,089,087.78	1,243,454.39	1,316,130.31	4,726,802.85	1,057,575.87	1,135,846.17	1,302,500.63	1,366,565.87	4,862,488.55
42. ADMINISTRATIVE & SUPPORT SERVICES	6,199.42	6,431.15	7,093.21	7,307.07	27,030.85	6,195.17	6,347.36	7,437.14	7,615.25	27,594.92
43. PUBLIC ADMINISTRATION	680,037.73	748,997.23	689,995.70	802,554.71	2,921,585.36	671,401.66	725,467.14	702,381.88	826,844.31	2,926,094.99
44. EDUCATION	587,788.16	513,997.20	667,850.53	821,220.13	2,590,856.01	597,242.17	537,206.62	709,266.80	890,811.51	2,734,527.11
45. HUMAN HEALTH AND SOCIAL SERVICES	186,243.85	195,759.21	195,998.93	206,800.80	784,802.80	187,570.40	206,193.50	206,827.74	221,099.49	821,691.13
46. OTHER SERVICES	1,237,678.25	953,940.99	837,312.61	1,287,782.25	4,316,714.11	1,271,204.34	1,001,264.08	885,093.86	1,347,544.18	4,505,106.46
GDP Current Basic Price	26,028,356.03	27,030,250.47	29,377,674.03	31,275,354.08	113,711,634.61	28,464,322.01	30,699,566.80	33,368,049.14	35,230,607.63	127,762,545.58
Net Indirect Taxes on Products	200,495.49	236,144.45	378,336.31	372,639.03	1,187,615.29	244,341.51	255,730.32	412,980.70	437,027.11	1,350,079.64
GDP Current Market Price	26,228,851.52	27,266,394.92	29,756,010.34	31,647,993.11	114,899,249.90	28,708,663.52	30,955,297.12	33,781,029.84	35,667,634.75	129,112,625.23

Appendix

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

ACTIVITY SECTOR	2017					2018				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
AGRICULTURE										
1. Crop Production	2,943,533.29	3,328,488.10	4,787,569.00	4,377,459.30	15,437,049.70	3,045,163.11	3,378,030.03	4,877,078.38	4,486,166.16	15,786,437.68
2. Livestock	297,903.42	289,226.70	283,888.28	333,186.85	1,204,205.25	292,386.84	283,577.69	291,160.54	341,002.97	1,208,128.04
3. Forestry	40,177.39	46,178.84	41,785.42	49,185.32	177,326.97	41,360.26	48,008.51	43,341.10	50,038.06	182,747.93
4. Fishing	103,986.72	81,197.95	76,123.29	99,605.40	360,913.36	108,402.70	80,103.89	76,759.20	101,568.29	366,834.08
MINING AND QUARRYING						0.00				
5. Crude Petroleum and Natural Gas	1,347,988.99	1,476,395.35	1,747,410.92	1,366,252.43	5,938,047.69	1,547,119.11	1,418,073.13	1,696,606.69	1,344,156.80	6,005,955.74
6. Coal Mining	2,412.00	2,301.48	508.94	2,015.59	7,238.00	2,471.38	2,208.65	500.07	1,637.13	6,817.23
7. Metal Ores	2,702.87	1,453.48	1,121.90	818.89	6,097.14	3,944.57	1,557.58	1,313.01	887.74	7,702.90
8. Quarrying and Other Minerals	3,743.28	21,154.10	24,696.25	24,803.55	74,397.17	4,770.92	21,854.40	25,457.48	29,999.09	82,081.90
MANUFACTURING						0.00				
9. Oil Refining	27,206.96	47,391.31	44,354.72	29,963.41	148,916.39	29,128.31	37,205.77	36,639.22	40,030.06	143,003.37
10. Cement	140,817.47	132,380.87	134,023.07	144,554.09	551,775.50	148,250.54	137,468.62	144,935.65	145,972.51	576,627.31
11. Food, Beverage and Tobacco	686,440.44	693,948.73	698,174.96	738,999.49	2,817,563.62	723,935.98	702,369.81	718,419.37	755,419.86	2,900,145.02
12. Textile, Apparel and Footwear	349,453.19	330,719.15	355,652.09	383,250.01	1,419,074.45	355,922.43	339,763.03	359,355.44	387,988.95	1,443,029.85
13. Wood and Wood Products	51,695.97	46,709.66	48,798.24	50,773.95	197,977.82	52,485.21	47,750.80	49,514.43	51,598.09	201,348.53
14. Pulp, Paper and Paper Products	12,646.91	12,105.22	12,960.33	13,778.12	51,490.58	13,077.73	12,816.42	13,226.74	14,139.01	53,259.90
15. Chemical and Pharmaceutical Products	35,980.46	39,354.50	38,914.52	39,745.04	153,994.53	36,471.10	38,716.31	39,397.06	40,347.90	154,932.37
16. Non-Metallic Products	61,327.61	58,894.29	60,848.00	58,029.85	239,099.75	58,297.11	59,249.05	61,067.95	59,344.00	237,958.11
17. Plastic and Rubber products	55,504.21	54,564.76	55,465.63	56,906.27	222,440.87	55,745.29	55,264.03	55,993.74	58,864.47	225,867.53
18. Electrical and Electronics	839.32	1,170.67	1,278.52	1,296.74	4,585.25	924.42	1,214.13	1,317.60	1,300.95	4,757.11
19. Basic metal, Iron and Steel	39,766.45	41,393.54	42,475.63	46,049.35	169,684.98	40,114.96	39,731.73	42,371.80	46,198.52	168,417.01
20. Motor vehicles & assembly	7,500.40	7,729.40	6,539.57	7,576.98	29,346.34	7,671.82	7,506.68	6,276.92	7,144.72	28,600.15
21. Other Manufacturing	74,008.09	62,810.58	69,369.42	76,758.62	282,946.71	73,538.72	60,510.37	70,527.59	78,067.34	282,644.02
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	30,495.03	71,858.90	64,222.68	103,044.30	269,620.92	31,999.70	77,314.49	75,956.04	104,022.07	289,292.30
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	26,007.05	30,801.31	27,906.10	23,276.55	107,991.01	29,027.55	34,491.52	28,554.64	23,706.39	115,780.10
24. CONSTRUCTION	660,920.64	694,618.72	541,311.33	649,140.64	2,545,991.32	650,767.19	747,860.30	544,228.74	662,431.53	2,605,287.77
25. TRADE	2,819,562.17	2,787,855.05	2,829,605.68	3,109,422.75	11,546,445.65	2,747,170.57	2,728,125.96	2,857,370.77	3,141,123.70	11,473,791.00
26. ACCOMMODATION AND FOOD SERVICES	175,995.55	102,896.77	153,179.88	177,393.46	609,465.66	176,498.35	105,401.85	157,259.25	181,031.20	620,190.65
TRANSPORTATION AND STORAGE						0.00				
27. Road Transport	183,087.18	150,467.56	163,552.58	215,060.92	712,168.24	211,696.02	185,620.85	183,288.85	234,630.76	815,236.49
28. Rail Transport & Pipelines	20.40	56.75	35.91	63.60	176.65	20.52	56.91	37.53	66.75	181.70
29. Water Transport	774.52	1,354.88	1,514.99	1,100.81	4,745.20	793.35	1,413.58	1,552.08	1,122.36	4,881.37
30. Air Transport	14,955.75	12,670.16	16,208.84	17,320.88	61,155.63	16,484.02	15,748.09	20,155.77	21,425.56	73,813.44
31. Transport Services	6,398.28	11,266.34	13,728.09	15,291.76	46,684.47	6,547.26	11,272.45	14,214.40	15,564.07	47,598.18
32. Post and Courier Services	5,811.02	1,878.20	2,739.78	4,487.54	14,916.54	5,993.54	2,239.60	2,167.83	4,529.17	14,930.14
INFORMATION AND COMMUNICATION						0.00				
33. Telecommunications & Information Services	1,452,572.74	1,549,800.78	1,319,535.29	1,608,337.27	5,930,246.07	1,479,871.91	1,728,588.59	1,517,102.16	1,876,514.38	6,602,077.04
34. Publishing	4,755.39	4,980.54	4,195.90	4,610.60	18,542.43	5,351.28	5,148.67	4,377.28	4,784.17	19,661.40
34. Motion Pictures, Sound recording and Music production	214,136.58	175,412.54	160,854.80	179,807.74	730,211.66	214,692.33	171,390.90	160,128.07	180,794.49	727,005.79
36. Broadcasting	296,623.12	290,715.48	217,552.43	293,005.78	1,097,896.81	299,293.60	354,436.58	226,278.02	298,906.90	1,178,915.10
37. ARTS, ENTERTAINMENT AND RECREATION	46,992.61	37,077.21	32,719.53	35,840.55	152,629.90	47,132.89	38,366.32	33,646.20	37,338.61	156,484.02
FINANCIAL AND INSURANCE						0.00				
38. Financial Institutions	437,681.16	457,724.86	417,330.64	469,589.25	1,782,325.91	492,748.00	461,422.17	393,669.38	459,594.73	1,807,434.28
39. Insurance	66,390.52	84,781.57	61,878.27	57,625.56	270,675.93	78,386.16	88,010.57	62,513.19	58,332.34	287,242.27
40. REAL ESTATE	1,001,774.13	1,177,497.33	1,207,994.54	1,307,125.27	4,694,391.27	907,593.68	1,131,763.57	1,175,656.69	1,256,847.82	4,471,861.75
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	578,299.17	582,917.52	665,057.94	703,400.56	2,529,675.19	564,694.65	594,967.30	677,860.50	706,613.23	2,544,135.68
42. ADMINISTRATIVE & SUPPORT SERVICES	3,325.31	3,442.17	3,793.78	3,905.23	14,466.50	3,307.92	3,324.81	3,870.51	3,937.63	14,440.88
43. PUBLIC ADMINISTRATION	364,765.95	400,889.27	369,042.18	428,922.14	1,563,619.55	358,496.20	380,006.76	365,540.65	427,538.21	1,531,581.82
44. EDUCATION	344,006.91	299,293.86	388,210.65	476,471.37	1,507,982.79	345,537.77	297,293.69	386,568.22	478,161.40	1,507,561.07
45. HUMAN HEALTH AND SOCIAL SERVICES	113,100.03	118,310.52	118,263.47	124,563.23	474,237.26	112,685.85	118,790.00	117,455.89	123,769.86	472,701.60
46. OTHER SERVICES	663,879.18	510,582.27	447,834.20	688,250.06	2,310,545.71	678,761.98	524,471.89	460,629.46	696,777.64	2,360,640.98
GDP at 2010 constant price	15,797,965.83	16,334,719.27	17,760,228.17	18,598,067.07	68,490,980.34	16,106,734.86	16,580,508.07	18,081,342.10	19,041,437.59	69,810,022.62
Net Indirect Taxes on Products	121,691.16	142,705.05	228,722.64	221,591.92	714,710.78	138,262.34	138,117.21	223,784.30	236,204.40	736,368.25
GDP Constant Market Price	15,919,656.99	16,477,424.32	17,988,950.81	18,819,658.99	69,205,691.11	16,244,997.20	16,718,625.28	18,305,126.40	19,277,641.99	70,546,390.87

Appendix

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

ACTIVITY SECTOR	2017					2018				
	Q1	Q2	Q3	Q4	Full Year 2017	Q1	Q2	Q3	Q4	Full Year 2018
AGRICULTURE	9.80	12.53	12.50	10.13	11.29	5.80	10.64	18.32	18.58	14.27
1. Crop Production	10.76	12.77	12.68	10.56	11.72	5.84	11.27	18.74	18.89	14.75
2. Livestock	4.93	8.31	7.44	1.32	5.26	-1.62	1.59	6.43	8.15	3.76
3. Forestry	8.89	12.02	10.87	4.49	8.87	3.06	4.52	7.66	8.59	6.06
4. Fishing	3.10	20.55	23.78	30.04	18.24	27.02	24.11	43.59	43.75	34.78
MINING AND QUARRYING	140.67	148.89	96.85	35.96	91.64	84.02	54.00	9.54	-9.40	30.46
5. Crude Petroleum and Natural Gas	141.35	152.24	98.19	36.48	92.94	84.27	54.07	8.69	-11.31	29.87
6. Coal Mining	19.28	21.77	-31.79	8.65	11.08	5.22	6.54	16.98	-4.73	3.68
7. Metal Ores	64.60	14.80	22.75	39.29	38.14	49.87	18.97	39.34	27.15	37.45
8. Quarrying and Other Minerals	94.46	32.41	27.94	8.35	23.50	50.41	55.60	83.37	123.82	87.84
MANUFACTURING	16.63	15.97	10.32	9.20	12.82	8.93	19.52	32.73	33.57	24.00
9. Oil Refining	13.91	19.80	-41.82	-45.20	-23.41	7.65	-19.45	-12.13	38.96	-0.56
10. Cement	38.13	31.40	28.50	24.52	30.29	21.38	50.24	86.30	76.10	59.01
11. Food, Beverage and Tobacco	14.23	13.64	10.46	7.81	11.39	8.46	12.91	22.77	22.08	16.71
12. Textile, Apparel and Footwear	20.98	17.34	13.75	11.77	15.68	7.98	24.83	35.28	36.08	26.48
13. Wood and Wood Products	18.76	7.98	11.55	5.97	10.91	4.26	13.49	20.50	21.18	14.82
14. Pulp, Paper and Paper Products	26.84	22.45	19.24	19.86	21.89	16.35	46.42	62.70	67.38	49.19
15. Chemical and Pharmaceutical Products	11.42	14.04	15.70	14.10	13.86	7.11	18.56	34.94	34.78	24.35
16. Non-Metallic Products	17.03	27.13	22.87	19.64	21.55	6.18	37.18	57.10	63.33	41.12
17. Plastic and Rubber products	9.86	16.23	12.64	10.68	12.28	4.40	16.72	26.16	28.61	19.13
18. Electrical and Electronics	-19.80	16.35	17.43	12.35	6.94	18.50	30.57	45.20	42.24	35.87
19. Basic metal , Iron and Steel	10.05	13.85	11.40	8.46	10.84	4.63	9.89	23.64	24.00	15.99
20. Motor vehicles & assembly	-4.60	22.54	7.59	35.71	14.21	36.26	75.24	114.82	127.25	89.10
21. Other Manufacturing	-0.20	1.15	-0.04	8.90	2.49	2.34	7.97	22.37	22.67	14.08
22. ELECTRICITY, GAS ,STEAM AND AIR CONDITIONING SUPPLY	-9.22	59.05	25.88	25.45	27.30	9.54	25.50	50.47	27.59	30.49
23. WATER SUPPLY,SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	48.40	15.83	11.68	9.62	19.40	17.36	33.20	32.64	32.59	29.17
24. CONSTRUCTION	21.25	17.57	16.69	19.25	18.72	8.96	44.09	52.67	58.51	40.85
25. TRADE	9.58	4.82	0.44	3.11	4.34	-2.12	-0.01	3.78	4.41	1.60
26. ACCOMMODATION AND FOOD SERVICES	3.82	6.08	8.74	7.16	6.39	3.80	16.56	20.89	24.24	16.27
TRANSPORTATION AND STORAGE	28.30	2.17	0.58	24.10	13.60	18.73	38.56	31.53	32.89	30.26
27. Road Transport	30.68	2.76	0.57	27.23	15.17	19.87	41.07	32.79	33.82	31.58
28. Rail Transport & Pipelines	12.54	9.20	4.91	2.20	6.06	0.87	1.81	6.52	7.39	4.67
29. Water Transport	10.95	6.17	3.68	4.27	5.66	2.75	5.91	4.41	4.33	4.55
30. Air Transport	14.90	12.51	9.13	12.08	12.02	14.66	43.54	49.19	54.01	41.08
31. Transport Services	5.43	8.30	3.95	3.68	5.09	1.89	0.46	4.99	3.51	2.98
32. Post and Courier Services	9.17	-66.01	-44.64	-11.42	-28.51	3.40	20.68	-19.66	2.80	1.16
INFORMATION AND COMMUNICATION	9.04	2.66	-2.66	-0.55	2.07	1.79	13.17	13.40	14.82	10.77
33. Telecommunications & Information Services	8.13	1.01	-4.44	-2.62	0.34	2.18	13.11	17.03	19.20	12.96
34. Publishing,	9.64	12.41	6.08	4.05	8.08	15.15	4.54	5.81	5.56	7.76
34. Motion Pictures, Sound recording and Music production	11.99	1.13	0.60	1.64	4.09	0.37	-1.75	0.24	1.40	0.09
36. Broadcasting	10.79	11.68	4.65	8.64	9.17	1.01	22.59	4.74	2.88	7.96
37. ARTS, ENTERTAINMENT AND RECREATION	21.48	5.27	3.45	4.18	9.07	0.41	4.05	3.55	5.06	3.06
FINANCIAL AND INSURANCE	13.83	17.68	-3.88	1.25	6.75	13.82	3.49	-2.17	1.54	4.20
38. Financial Institutions	13.75	19.09	-4.47	3.66	7.43	13.10	3.01	-3.06	1.16	3.57
39. Insurance	14.34	10.57	0.32	-14.85	2.48	18.61	6.07	3.82	4.63	8.32
40. REAL ESTATE	10.57	6.17	1.59	-3.34	3.01	-8.38	1.03	3.67	3.78	0.48
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	14.74	4.71	0.81	1.67	4.86	-1.91	4.29	4.75	3.83	2.87
42. ADMINISTRATIVE & SUPPORT SERVICES	14.45	4.82	2.91	3.21	5.90	-0.07	-1.30	4.85	4.22	2.09
43. PUBLIC ADMINISTRATION	10.73	8.28	1.48	0.57	4.95	-1.27	-3.14	1.80	3.03	0.15
44. EDUCATION	13.92	8.49	3.37	1.37	5.92	1.61	4.52	6.20	8.47	5.55
45. HUMAN HEALTH AND SOCIAL SERVICES	12.84	4.99	2.53	1.91	5.26	0.71	5.33	5.52	6.91	4.70
46. OTHER SERVICES	14.95	9.02	3.97	4.52	8.21	2.71	4.96	5.71	4.64	4.36
GDP Current Basic Price (Nominal GDP Growth %)	17.06	14.79	10.70	7.22	12.04	9.36	13.57	13.58	12.65	12.36

Appendix

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

ACTIVITY SECTOR	2017					Full Year 2017	2018				
	Q1	Q2	Q3	Q4	Q1		Q2	Q3	Q4	Full Year 2018	
AGRICULTURE	3.39	3.01	3.06	4.23	3.45	3.00	1.19	1.91	2.46	2.12	
1. Crop Production	3.50	3.21	3.19	4.58	3.64	3.45	1.49	1.87	2.48	2.26	
2. Livestock	1.72	2.28	2.52	0.19	1.61	-1.85	-1.95	2.56	2.35	0.33	
3. Forestry	2.59	3.89	3.95	2.83	3.31	2.94	3.96	3.72	1.73	3.06	
4. Fishing	5.49	-2.72	-2.84	4.05	1.34	4.25	-1.35	0.84	1.97	1.64	
MINING AND QUARRYING	-15.40	3.51	22.64	10.70	4.62	14.85	-3.84	-2.81	-1.23	1.27	
5. Crude Petroleum and Natural Gas	-15.60	3.53	23.03	11.20	4.69	14.77	-3.95	-2.91	-1.62	1.14	
6. Coal Mining	2.03	4.92	-38.49	2.86	-1.45	2.46	-4.03	-1.74	-18.78	-5.81	
7. Metal Ores	40.79	-1.09	10.70	31.86	21.37	45.94	7.16	17.04	8.41	26.34	
8. Quarrying and Other Minerals	52.54	2.24	1.86	-10.94	-1.12	27.45	3.31	3.08	20.95	10.33	
MANUFACTURING	1.36	0.64	-2.85	0.14	-0.21	3.39	0.68	1.92	2.35	2.09	
9. Oil Refining	3.01	11.28	-45.40	-46.24	-27.70	7.06	-21.49	-17.39	33.60	-3.97	
10. Cement	1.83	-4.16	-4.56	-1.92	-2.20	5.28	3.84	8.14	0.98	4.50	
11. Food, Beverage and Tobacco	4.07	2.67	0.58	2.18	2.35	5.46	1.21	2.90	2.22	2.93	
12. Textile, Apparel and Footwear	1.17	0.20	0.19	1.65	0.82	1.85	2.73	1.04	1.24	1.69	
13. Wood and Wood Products	2.46	-2.09	1.24	0.41	0.53	1.53	2.23	1.47	1.62	1.70	
14. Pulp, Paper and Paper Products	1.24	-1.85	-1.76	2.73	0.12	3.41	5.88	2.06	2.62	3.44	
15. Chemical and Pharmaceutical Products	-0.90	-0.98	0.24	4.80	0.79	1.36	-1.62	1.24	1.52	0.61	
16. Non-Metallic Products	-0.73	3.81	1.79	3.25	1.96	-4.94	0.60	0.36	2.26	-0.48	
17. Plastic and Rubber products	-1.78	1.74	0.67	3.41	0.99	0.43	1.28	0.95	3.44	1.54	
18. Electrical and Electronics	-13.39	-1.70	0.76	0.66	-2.79	10.14	3.71	3.06	0.33	3.75	
19. Basic metal , Iron and Steel	-0.79	0.14	-0.35	1.53	0.17	0.88	-4.01	-0.24	0.32	-0.75	
20. Motor vehicles & assembly	-36.97	-19.72	-21.26	0.23	-21.52	2.29	-2.88	-4.02	-5.70	-2.54	
21. Other Manufacturing	-10.04	-10.88	-9.72	2.84	-6.99	-0.63	-3.66	1.67	1.70	-0.11	
22. ELECTRICITY, GAS ,STEAM AND AIR CONDITIONING SUPPLY	-5.04	35.50	11.46	16.03	16.43	4.93	7.59	18.27	0.95	7.30	
23. WATER SUPPLY,SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	12.63	3.45	0.33	1.23	4.16	11.61	11.98	2.32	1.85	7.21	
24. CONSTRUCTION	0.15	0.13	-0.46	4.14	1.00	-1.54	7.66	0.54	2.05	2.33	
25. TRADE	-3.08	-1.62	-1.74	2.07	-1.05	-2.57	-2.14	0.98	1.02	-0.63	
26. ACCOMMODATION AND FOOD SERVICES	-3.96	-4.05	0.18	0.78	-1.61	0.29	2.43	2.66	2.05	1.76	
TRANSPORTATION AND STORAGE	10.55	-6.18	-6.25	16.57	3.86	14.45	21.76	11.95	9.48	13.91	
27. Road Transport	12.35	-7.20	-6.30	19.70	4.84	15.63	23.36	12.07	9.10	14.47	
28. Rail Transport & Pipelines	2.47	0.18	0.45	1.04	0.80	0.56	0.29	4.52	4.95	2.86	
29. Water Transport	1.77	0.24	0.35	3.44	1.25	2.43	4.33	2.45	1.96	2.87	
30. Air Transport	1.53	0.15	0.48	4.71	1.83	10.22	24.29	24.35	23.70	20.70	
31. Transport Services	-4.01	-0.65	0.24	2.75	0.22	2.33	0.05	3.54	1.78	1.96	
32. Post and Courier Services	0.53	1.14	-45.85	-11.91	-16.16	3.14	19.24	-20.88	0.93	0.09	
INFORMATION AND COMMUNICATION	2.73	-1.15	-4.48	-1.46	-1.04	1.58	11.81	12.09	13.20	9.65	
33. Telecommunications & Information Services	2.89	-1.92	-5.68	-3.28	-2.04	1.88	11.54	14.97	16.67	11.33	
34. Publishing,	1.03	2.83	2.12	3.16	2.29	12.53	3.38	4.32	3.76	6.03	
34. Motion Pictures, Sound recording and Music production	2.95	-4.53	-2.33	1.02	-0.57	0.26	-2.29	-0.45	0.55	-0.44	
36. Broadcasting	1.84	5.43	1.60	7.98	4.32	0.90	21.92	4.01	2.01	7.38	
37. ARTS, ENTERTAINMENT AND RECREATION	11.67	-0.62	0.44	3.54	4.13	0.30	3.48	2.83	4.18	2.53	
FINANCIAL AND INSURANCE	0.67	10.45	-5.96	0.22	1.26	13.30	1.28	-4.81	-1.76	2.03	
38. Financial Institutions	0.60	11.78	-6.54	2.61	1.92	12.58	0.81	-5.67	-2.13	1.41	
39. Insurance	1.12	3.79	-1.86	-15.71	-2.90	18.07	3.81	1.03	1.23	6.12	
40. REAL ESTATE	-3.10	-3.53	-4.12	-5.92	-4.27	-9.40	-3.88	-2.68	-3.85	-4.74	
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	1.48	-1.72	-1.38	0.64	-0.26	-2.35	2.07	1.93	0.46	0.57	
42. ADMINISTRATIVE & SUPPORT SERVICES	1.22	-1.61	0.68	2.16	0.64	-0.52	-3.41	2.02	0.83	-0.18	
43. PUBLIC ADMINISTRATION	-2.07	1.63	-0.72	-0.45	-0.38	-1.72	-5.21	-0.95	-0.32	-2.05	
44. EDUCATION	0.86	-1.34	-1.22	-1.04	-0.72	0.45	-0.67	-0.42	0.35	-0.03	
45. HUMAN HEALTH AND SOCIAL SERVICES	1.07	-0.96	-0.85	-0.38	-0.31	-0.37	0.41	-0.68	-0.64	-0.32	
46. OTHER SERVICES	1.66	2.33	1.72	3.46	2.35	2.24	2.72	2.86	1.24	2.17	
GDP at 2010 constant price (Real GDP Growth %)	-0.91	0.72	1.17	2.11	0.82	1.95	1.50	1.81	2.38	1.93	



Appendix

Table Five: Implicit Price Deflators

ACTIVITY SECTOR	2017					2018				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
AGRICULTURE										
1. Crop Production	134.86	136.10	136.53	138.43	136.66	137.96	149.22	159.14	160.60	153.35
2. Livestock	163.77	163.96	164.02	164.09	163.96	164.16	169.88	170.22	173.39	169.57
3. Forestry	144.97	145.05	145.07	145.10	145.05	145.12	145.82	150.58	154.87	149.27
4. Fishing	164.05	170.97	177.82	180.72	173.11	199.89	215.08	253.21	254.77	229.56
MINING AND QUARRYING										
5. Crude Petroleum and Natural Gas	158.90	163.94	181.78	191.56	174.40	255.12	262.96	203.49	172.68	223.94
6. Coal Mining	129.13	130.49	130.96	131.51	130.36	132.61	144.87	155.92	154.25	143.49
7. Metal Ores	129.13	130.49	130.96	131.51	130.11	132.61	144.87	155.92	154.25	141.56
8. Quarrying and Other Minerals	137.89	143.65	145.89	149.49	146.05	162.72	216.36	259.52	276.64	248.66
MANUFACTURING										
9. Oil Refining	141.87	142.23	142.36	142.49	142.25	142.65	145.94	151.44	148.20	147.31
10. Cement	147.32	152.87	154.99	158.28	153.39	169.86	221.16	267.01	276.03	233.38
11. Food, Beverage and Tobacco	160.32	162.08	162.70	163.42	162.16	164.88	180.81	194.11	195.16	183.87
12. Textile, Apparel and Footwear	161.84	165.02	166.16	167.66	165.23	171.57	200.50	222.47	225.36	205.52
13. Wood and Wood Products	152.49	154.09	154.65	155.30	154.12	156.59	171.06	183.65	185.18	174.00
14. Pulp, Paper and Paper Products	161.54	166.86	168.87	171.86	167.39	181.75	230.76	269.21	280.32	241.43
15. Chemical and Pharmaceutical Products	143.30	146.00	146.97	148.22	146.19	151.43	175.95	195.90	196.80	180.68
16. Non-Metallic Products	169.25	174.58	176.58	179.52	174.92	189.06	238.05	276.41	286.73	248.03
17. Plastic and Rubber products	144.96	147.03	147.76	148.65	147.11	150.68	169.44	184.66	184.82	172.59
18. Electrical and Electronics	140.78	144.06	145.25	146.88	144.59	151.46	181.37	204.65	208.24	189.35
19. Basic metal, Iron and Steel	141.38	143.30	143.98	144.81	143.43	146.63	164.07	178.46	178.97	167.62
20. Motor vehicles & assembly	192.17	203.85	208.69	217.49	205.47	256.00	367.84	467.07	524.15	398.67
21. Other Manufacturing	139.87	141.47	142.03	142.69	141.52	144.06	158.56	170.95	172.12	161.62
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	242.92	246.69	248.02	249.69	247.72	253.59	287.74	315.54	315.58	301.27
23. WATER SUPPLY SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	148.96	151.57	152.50	153.68	151.63	156.62	180.29	197.68	200.07	182.69
24. CONSTRUCTION	163.10	167.93	169.72	172.32	168.18	180.50	224.73	257.73	267.67	231.49
25. TRADE	186.43	186.83	186.97	187.11	186.84	187.28	190.91	192.15	193.40	191.03
26. ACCOMMODATION AND FOOD SERVICES	159.36	161.43	162.16	163.04	161.49	164.95	183.69	190.95	198.49	184.52
TRANSPORTATION AND STORAGE										
27. Road Transport	216.63	219.55	220.58	221.83	219.73	224.59	251.06	261.37	272.09	252.56
28. Rail Transport & Pipelines	185.63	185.90	186.00	186.09	185.96	186.21	188.71	189.56	190.42	189.23
29. Water Transport	198.39	198.69	198.79	198.89	198.72	199.01	201.69	202.60	203.51	201.96
30. Air Transport	170.45	172.93	173.80	174.87	173.10	177.32	199.70	208.51	217.72	202.34
31. Transport Services	185.63	185.90	184.69	184.76	185.13	184.84	186.66	187.28	187.90	187.00
32. Post and Courier Services	138.14	138.31	138.36	138.42	138.29	138.48	139.98	140.48	140.99	139.76
INFORMATION AND COMMUNICATION										
33. Telecommunications & Information Services	144.11	144.31	144.38	144.45	144.31	144.53	146.34	146.96	147.58	146.43
34. Publishing,	170.97	174.75	174.81	174.88	173.83	174.96	176.72	177.31	177.91	176.66
34. Motion Pictures, Sound recording and Music production	170.97	171.07	171.10	171.13	171.06	171.16	172.01	172.29	172.58	171.96
36. Broadcasting	170.97	171.07	171.10	171.13	171.06	171.16	172.01	172.29	172.58	171.99
37. ARTS, ENTERTAINMENT AND RECREATION	170.97	171.07	171.10	171.13	171.06	171.16	172.01	172.29	172.58	171.95
FINANCIAL AND INSURANCE										
38. Financial Institutions	186.43	186.83	186.97	187.11	186.84	187.28	190.91	192.15	193.40	190.82
39. Insurance	186.43	186.83	186.97	187.11	186.82	187.28	190.91	192.15	193.40	190.69
40. REAL ESTATE	182.04	182.95	183.26	183.60	183.02	184.10	192.31	195.21	198.15	193.05
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	186.43	186.83	186.97	187.11	186.85	187.28	190.91	192.15	193.40	191.13
42. ADMINISTRATIVE & SUPPORT SERVICES	186.43	186.83	186.97	187.11	186.85	187.28	190.91	192.15	193.40	191.09
43. PUBLIC ADMINISTRATION	186.43	186.83	186.97	187.11	186.85	187.28	190.91	192.15	193.40	191.05
44. EDUCATION	170.87	171.74	172.03	172.35	171.81	172.84	180.70	183.48	186.30	181.39
45. HUMAN HEALTH AND SOCIAL SERVICES	164.67	165.46	165.73	166.02	165.49	166.45	173.58	176.09	178.64	173.83
46. OTHER SERVICES	186.43	186.83	186.97	187.11	186.83	187.28	190.91	192.15	193.40	190.84
GDP Deflator	164.76	165.48	165.41	168.16	166.02	176.72	185.15	184.54	185.02	183.01

Appendix

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

	2017					2018				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
ACTIVITY SECTOR										
AGRICULTURE										
1. Crop Production	15.25	16.76	22.25	19.38	18.55	14.76	16.42	23.26	20.45	18.95
2. Livestock	1.87	1.75	1.59	1.75	1.74	1.69	1.57	1.49	1.68	1.60
3. Forestry	0.22	0.25	0.21	0.23	0.23	0.21	0.23	0.20	0.22	0.21
4. Fishing	0.66	0.51	0.46	0.58	0.55	0.76	0.56	0.58	0.73	0.66
MINING AND QUARRYING										
5. Crude Petroleum and Natural Gas	8.23	8.95	10.81	8.37	9.11	13.87	12.15	10.35	6.59	10.53
6. Coal Mining	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.01
7. Metal Ores	0.01	0.01	0.01	0.00	0.01	0.02	0.01	0.01	0.00	0.01
8. Quarrying and Other Minerals	0.02	0.11	0.12	0.12	0.10	0.03	0.15	0.20	0.24	0.16
MANUFACTURING										
9. Oil Refining	0.15	0.25	0.21	0.14	0.19	0.15	0.18	0.17	0.17	0.16
10. Cement	0.80	0.75	0.71	0.73	0.74	0.88	0.99	1.16	1.14	1.05
11. Food, Beverage and Tobacco	4.23	4.16	3.87	3.86	4.02	4.19	4.14	4.18	4.18	4.17
12. Textile, Apparel and Footwear	2.17	2.02	2.01	2.05	2.06	2.15	2.22	2.40	2.48	2.32
13. Wood and Wood Products	0.30	0.27	0.26	0.25	0.27	0.29	0.27	0.27	0.27	0.27
14. Pulp, Paper and Paper Products	0.08	0.07	0.07	0.08	0.08	0.08	0.10	0.11	0.11	0.10
15. Chemical and Pharmaceutical Products	0.20	0.21	0.19	0.19	0.20	0.19	0.22	0.23	0.23	0.22
16. Non-Metallic Products	0.40	0.38	0.37	0.33	0.37	0.39	0.46	0.51	0.48	0.46
17. Plastic and Rubber products	0.31	0.30	0.28	0.27	0.29	0.30	0.31	0.31	0.31	0.31
18. Electrical and Electronics	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01
19. Basic metal, Iron and Steel	0.22	0.22	0.21	0.21	0.21	0.21	0.21	0.23	0.23	0.22
20. Motor vehicles & assembly	0.06	0.06	0.05	0.05	0.05	0.07	0.09	0.09	0.11	0.09
21. Other Manufacturing	0.40	0.33	0.34	0.35	0.35	0.37	0.31	0.36	0.38	0.36
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	0.28	0.66	0.54	0.82	0.59	0.29	0.72	0.72	0.93	0.68
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	0.15	0.17	0.14	0.11	0.14	0.16	0.20	0.17	0.13	0.17
24. CONSTRUCTION	4.14	4.32	3.13	3.58	3.77	4.13	5.47	4.20	5.03	4.72
25. TRADE	20.20	19.27	18.01	18.60	18.97	18.08	16.97	16.45	17.24	17.16
26. ACCOMMODATION AND FOOD SERVICES	1.08	0.61	0.85	0.92	0.87	1.02	0.63	0.90	1.02	0.90
TRANSPORTATION AND STORAGE										
27. Road Transport	1.52	1.22	1.23	1.53	1.38	1.67	1.52	1.44	1.81	1.61
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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
30. Air Transport	0.10	0.08	0.10	0.10	0.09	0.10	0.10	0.13	0.13	0.12
31. Transport Services	0.05	0.08	0.09	0.09	0.08	0.04	0.07	0.08	0.08	0.07
32. Post and Courier Services	0.03	0.01	0.01	0.02	0.02	0.03	0.01	0.01	0.02	0.02
INFORMATION AND COMMUNICATION										
33. Telecommunications & Information Services	8.04	8.27	6.48	7.43	7.53	7.51	8.24	6.68	7.86	7.57
34. Publishing	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.02	0.02	0.03
34. Motion Pictures, Sound recording and Music production	1.41	1.11	0.94	0.98	1.10	1.29	0.96	0.83	0.89	0.98
36. Broadcasting	1.95	1.84	1.27	1.60	1.65	1.80	1.99	1.17	1.46	1.59
37. ARTS, ENTERTAINMENT AND RECREATION	0.31	0.23	0.19	0.20	0.23	0.28	0.21	0.17	0.18	0.21
FINANCIAL AND INSURANCE										
38. Financial Institutions	3.13	3.16	2.66	2.81	2.93	3.24	2.87	2.27	2.52	2.70
39. Insurance	0.48	0.59	0.39	0.34	0.44	0.52	0.55	0.36	0.32	0.43
40. REAL ESTATE	7.01	7.97	7.54	7.67	7.56	5.87	7.09	6.88	7.07	6.76
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	4.14	4.03	4.23	4.21	4.16	3.72	3.70	3.90	3.88	3.81
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	2.61	2.77	2.35	2.57	2.57	2.36	2.36	2.10	2.35	2.29
44. EDUCATION	2.26	1.90	2.27	2.63	2.28	2.10	1.75	2.13	2.53	2.14
45. HUMAN HEALTH AND SOCIAL SERVICES	0.72	0.72	0.67	0.66	0.69	0.66	0.67	0.62	0.63	0.64
46. OTHER SERVICES	4.76	3.53	2.85	4.12	3.80	4.47	3.26	2.65	3.82	3.53
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

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Appendix

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

	2017					2018				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
ACTIVITY SECTOR										
AGRICULTURE										
1. Crop Production	18.63	20.38	26.96	23.54	22.54	18.91	20.37	26.97	23.56	22.61
2. Livestock	1.89	1.77	1.60	1.79	1.76	1.82	1.71	1.61	1.79	1.73
3. Forestry	0.25	0.28	0.24	0.26	0.26	0.26	0.29	0.24	0.26	0.26
4. Fishing	0.66	0.50	0.43	0.54	0.53	0.67	0.48	0.42	0.53	0.53
MINING AND QUARRYING										
5. Crude Petroleum and Natural Gas	8.53	9.04	9.84	7.35	8.67	9.61	8.55	9.38	7.06	8.60
6. Coal Mining	0.02	0.01	0.00	0.01	0.01	0.02	0.01	0.00	0.01	0.01
7. Metal Ores	0.02	0.01	0.01	0.00	0.01	0.02	0.01	0.01	0.00	0.01
8. Quarrying and Other Minerals	0.02	0.13	0.14	0.13	0.11	0.03	0.13	0.14	0.16	0.12
MANUFACTURING										
9. Oil Refining	0.17	0.29	0.25	0.16	0.22	0.18	0.22	0.20	0.21	0.20
10. Cement	0.89	0.81	0.75	0.78	0.81	0.92	0.83	0.80	0.77	0.83
11. Food, Beverage and Tobacco	4.35	4.25	3.93	3.97	4.11	4.49	4.24	3.97	3.97	4.15
12. Textile, Apparel and Footwear	2.21	2.02	2.00	2.06	2.07	2.21	2.05	1.99	2.04	2.07
13. Wood and Wood Products	0.33	0.29	0.27	0.27	0.29	0.33	0.29	0.27	0.27	0.29
14. Pulp, Paper and Paper Products	0.08	0.07	0.07	0.07	0.08	0.08	0.08	0.07	0.07	0.08
15. Chemical and Pharmaceutical Products	0.23	0.24	0.22	0.21	0.22	0.23	0.23	0.22	0.21	0.22
16. Non-Metallic Products	0.39	0.36	0.34	0.31	0.35	0.36	0.36	0.34	0.31	0.34
17. Plastic and Rubber products	0.35	0.33	0.31	0.31	0.32	0.35	0.33	0.31	0.31	0.32
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	0.25	0.25	0.24	0.25	0.25	0.25	0.24	0.23	0.24	0.24
20. Motor vehicles & assembly	0.05	0.05	0.04	0.04	0.04	0.05	0.05	0.03	0.04	0.04
21. Other Manufacturing	0.47	0.38	0.39	0.41	0.41	0.46	0.36	0.39	0.41	0.40
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	0.19	0.44	0.36	0.55	0.39	0.20	0.47	0.42	0.55	0.41
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	0.16	0.19	0.16	0.13	0.16	0.18	0.21	0.16	0.12	0.17
24. CONSTRUCTION	4.18	4.25	3.05	3.49	3.72	4.04	4.51	3.01	3.48	3.73
25. TRADE	17.85	17.07	15.93	16.72	16.86	17.06	16.45	15.80	16.50	16.44
26. ACCOMMODATION AND FOOD SERVICES	1.11	0.63	0.86	0.95	0.89	1.10	0.64	0.87	0.95	0.89
TRANSPORTATION AND STORAGE										
27. Road Transport	1.16	0.92	0.92	1.16	1.04	1.31	1.12	1.01	1.23	1.17
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	0.09	0.08	0.09	0.09	0.09	0.10	0.09	0.11	0.11	0.11
31. Transport Services	0.04	0.07	0.08	0.08	0.07	0.04	0.07	0.08	0.08	0.07
32. Post and Courier Services	0.04	0.01	0.02	0.02	0.02	0.04	0.01	0.01	0.02	0.02
INFORMATION AND COMMUNICATION										
33. Telecommunications & Information Services	9.19	9.49	7.43	8.65	8.66	9.19	10.43	8.39	9.85	9.46
34. Publishing	0.03	0.03	0.02	0.02	0.03	0.03	0.03	0.02	0.03	0.03
34. Motion Pictures, Sound recording and Music production	1.36	1.07	0.91	0.97	1.07	1.33	1.03	0.89	0.95	1.04
36. Broadcasting	1.88	1.78	1.22	1.58	1.60	1.86	2.14	1.25	1.57	1.69
37. ARTS, ENTERTAINMENT AND RECREATION	0.30	0.23	0.18	0.19	0.22	0.29	0.23	0.19	0.20	0.22
FINANCIAL AND INSURANCE										
38. Financial Institutions	2.77	2.80	2.35	2.52	2.60	3.06	2.78	2.18	2.41	2.59
39. Insurance	0.42	0.52	0.35	0.31	0.40	0.49	0.53	0.35	0.31	0.41
40. REAL ESTATE	6.34	7.21	6.80	7.03	6.85	5.63	6.83	6.50	6.60	6.41
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	3.66	3.57	3.74	3.78	3.69	3.51	3.59	3.75	3.71	3.64
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	2.31	2.45	2.08	2.31	2.28	2.23	2.29	2.02	2.25	2.19
44. EDUCATION	2.18	1.83	2.19	2.56	2.20	2.15	1.79	2.14	2.51	2.16
45. HUMAN HEALTH AND SOCIAL SERVICES	0.72	0.72	0.67	0.67	0.69	0.70	0.72	0.65	0.65	0.68
46. OTHER SERVICES	4.20	3.13	2.52	3.70	3.37	4.21	3.16	2.55	3.66	3.38
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

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Appendix

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

CONTRIBUTION TO GDP	2017					2018				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
AGRICULTURE	21.43	22.93	29.22	26.13	25.08	21.65	22.86	29.25	26.15	25.13
INDUSTRIES	22.90	23.43	22.39	20.52	22.25	24.00	23.18	21.97	20.24	22.25
SERVICES	55.67	53.64	48.39	53.35	52.67	54.35	53.97	48.79	53.62	52.62
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
NON OIL	91.47	90.96	90.16	92.65	91.33	90.39	91.45	90.62	92.94	91.40
OIL	8.53	9.04	9.84	7.35	8.67	9.61	8.55	9.38	7.06	8.60
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

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

GROWTH	2017					2018				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
AGRICULTURE	3.39	3.01	3.06	4.23	3.45	3.00	1.19	1.91	2.46	2.12
INDUSTRIES	-5.83	2.17	7.74	4.87	2.15	6.86	0.40	-0.11	0.95	1.94
SERVICES	-0.37	-0.85	-2.66	0.10	-0.91	-0.47	2.12	2.64	2.90	1.83
REAL GROWTH RATE AT BASIC PRICE	-0.91	0.72	1.17	2.11	0.82	1.95	1.50	1.81	2.38	1.93
REAL GROWTH RATE AT MARKET PRICE	-1.04	0.78	1.20	2.06	0.81	2.04	1.46	1.76	2.43	1.94
NON OIL GROWTH RATE	0.72	0.45	-0.76	1.45	0.47	0.76	2.05	2.32	2.70	2.00
OIL GROWTH RATE	-15.60	3.53	23.03	11.20	4.69	14.77	-3.95	-2.91	-1.62	1.14

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

CONTRIBUTION TO GDP	2012	2013	2014	2015	2016	2017	2018
AGRICULTURE	23.91	23.33	22.90	23.11	24.45	25.08	25.13
INDUSTRY	25.61	24.81	24.93	23.71	21.96	22.25	22.25
SERVICES	50.48	51.86	52.16	53.18	53.59	52.67	52.62
	100.00	100.00	100.00	100.00	100.00	100.00	100.00
GROWTH	2012	2013	2014	2015	2016	2017	2018
AGRICULTURE	6.70	2.94	4.27	3.72	4.11	3.45	2.12
INDUSTRY	2.43	2.16	6.76	-2.24	-8.85	2.15	1.94
SERVICES	3.97	8.38	6.85	4.78	-0.82	-0.91	1.83
REAL GROWTH RATE AT BASIC PRICE	4.21	5.49	6.22	2.79	-1.58	0.82	1.93
REAL GROWTH RATE AT MARKET PRICE	4.28	5.39	6.31	2.65	-1.62	0.81	1.94
NON OIL GROWTH RATE	5.81	8.42	7.18	3.75	-0.22	0.47	2.00
OIL GROWTH RATE	-4.95	-13.07	-1.32	-5.45	-14.45	4.69	1.14

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