



NATIONAL BUREAU OF STATISTICS

Nigerian Gross Domestic Product Report

(Q4 & FULL YEAR 2017)



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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 2016, the annual figure for 2016 and estimates for the four quarters of 2017 and the annual figure for 2017.

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

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

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

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

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February, 2018.

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 2017, the National Bureau of Statistics (NBS) conducted the Quarterly Establishment Surveys for the first three quarters of 2017 (Q1-Q3/ 2017), while the fourth quarter survey for 2017 was conducted in 2018. These surveys produced the data that was used for the compilation of the quarterly GDP for the four quarters of 2017(Q1 – Q4, 2017).

In subsequent sections of this report, emphasis will be given to the composition of GDP in the fourth quarter of 2017 and the corresponding quarter in 2016. We will also look at the annual figures for 2017.

Overview of GDP in Q4 2017

The nation's Gross Domestic Product (GDP) grew in Q4 2017 by 1.92% (year-on-year) in real terms, maintaining its positive growth since the emergence of the economy from recession in Q2 2017. This growth is compared to a contraction of -1.73% recorded in Q4 2016 and a growth of 1.40% recorded in Q 2017.

Quarter on quarter, real GDP growth was 4.29%.

The year 2017 recorded a real annual growth rate of 0.83% higher by 2.42% than -1.58% recorded in 2016.

In the quarter under review, aggregate GDP stood at N31,209,137.74million in nominal terms higher when compared to N29,169,058.99 million in Q4 2016, resulting in a Nominal GDP growth of 6.99%. This growth is lower relative to growth recorded in Q4 2016 at 12.49%. Nominally, 2017 recorded an annual growth rate of 12.05% higher by 4.25% compared to 2016 annual growth of 7.80%. The broad classification into the oil and non-oil sectors will give a clearer depiction of the Nigerian economy

(Figure 1):

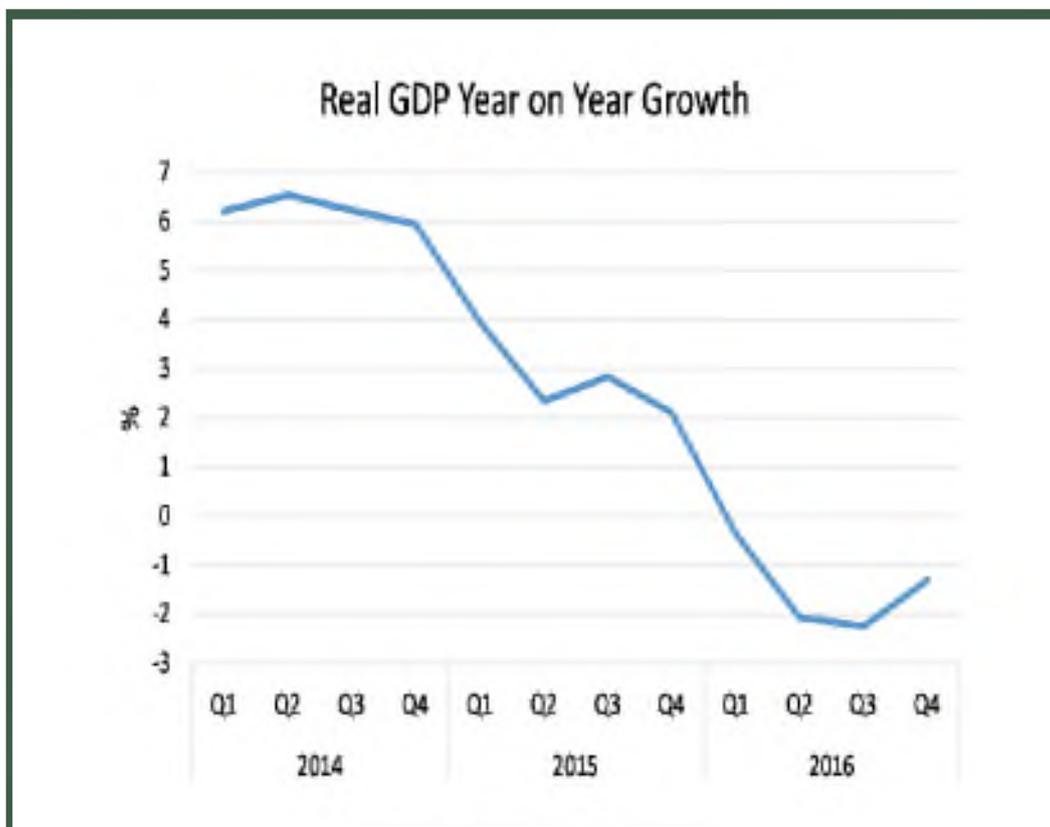


Figure1: Real GDP Growth

The Oil Sector

In the period under review, Oil production averaged at 1.91million barrels per day (mbpd), -0.12million barrels lower than the daily average production recorded in the third quarter of 2017. Oil production during the quarter was higher by 0.15million barrels per day relative to the corresponding quarter in 2016, which recorded an output of 1.76mbpd. (Figure2).

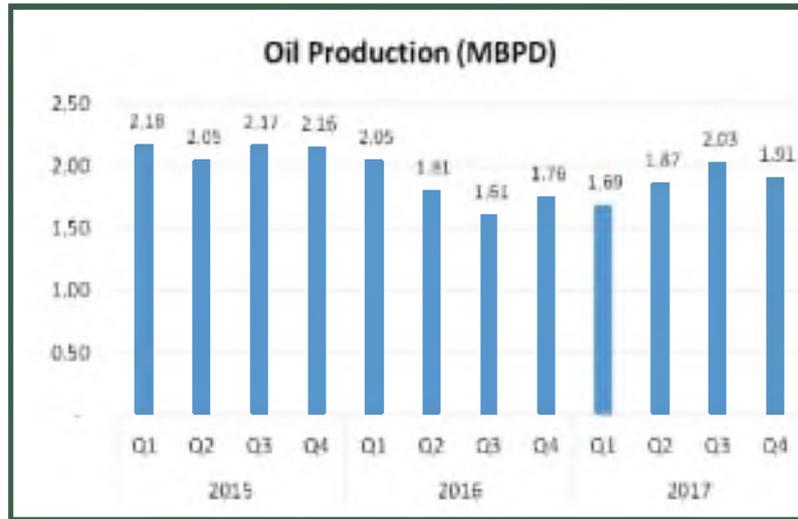


Figure 2: Crude Oil Output (MBPD)

Real growth of the oil sector was 8.38% (year-on-year) in Q4 2017. This represents an incline of 26.08% relative to rate recorded in the corresponding quarter of 2016. Growth reduced by -17.50% when compared to Q3 2017 which was 25.89%. Quarter-on-Quarter, the oil sector dropped by -25.52% in Q4 2017. The annual growth of the oil sector stood at 4.79% higher than the previous year's growth of -14.45%.

The Oil sector contributed 7.17% of total real GDP in Q4 2017, up from figure recorded in the corresponding period of 2016 and down from the preceding quarter, where it contributed 6.75% and 10.04% respectively. The sector's annual contribution was 8.68% in 2017 and 8.35% in 2016.

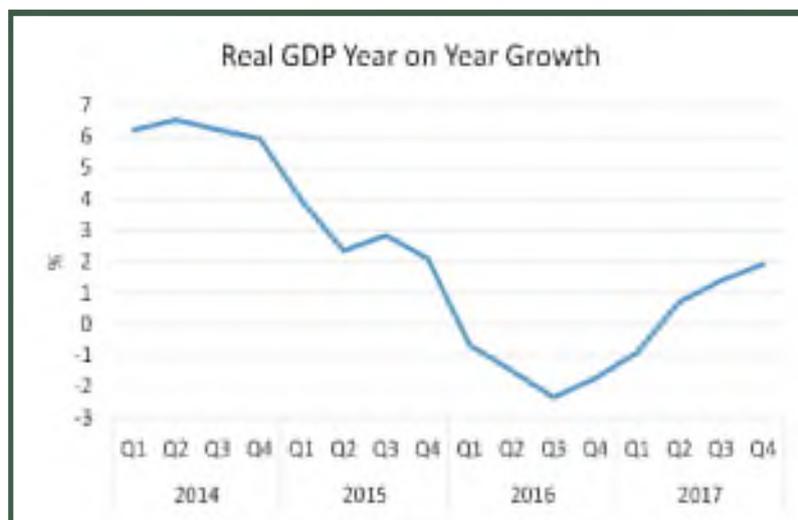


Figure 2: Crude Oil Output (MBPD)

The Non-Oil Sector

The non-oil sector grew by 1.45% in real terms during the reference quarter. This is higher by 1.78% point compared to the rate recorded same quarter, 2016 and 2.21% point higher than in the third quarter of 2017. The non-oil sector recorded an annual growth of 0.47% compared to -0.22 in 2016. This sector was driven this quarter mainly by Agriculture (Crop), Trade and Transportation and storage. In real terms, the Non-Oil sector contributed 92.83% to the nation's GDP, lower from share recorded in the fourth quarter of 2016 (93.25%) but higher than in the third quarter of 2017 (89.96%). Annual contribution was 91.32% and 91.65% in 2016.

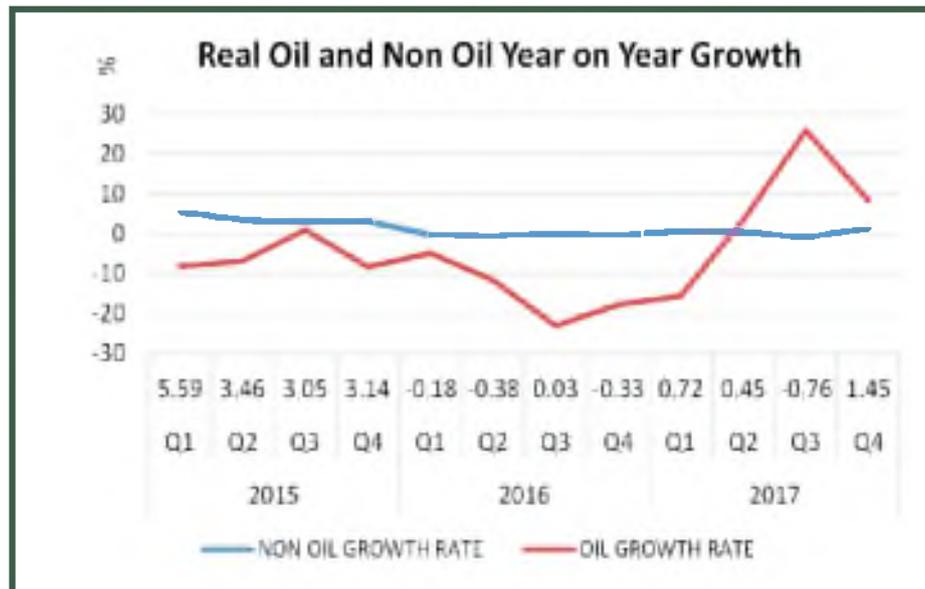


Figure 3: Crude Oil and Non-Oil Growth

GDP REPORT Q4 2017

REAL QUARTERLY GDP GROWTH FOR Q4 2017 AT

1.92%

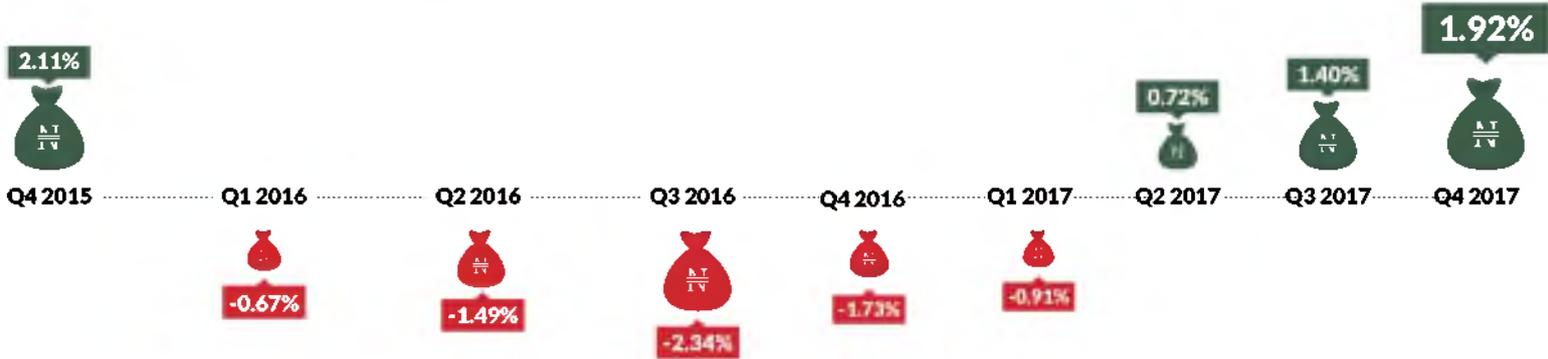
(FROM 1.40% IN Q3 2017)

NOMINAL GDP
(Q4 2017)

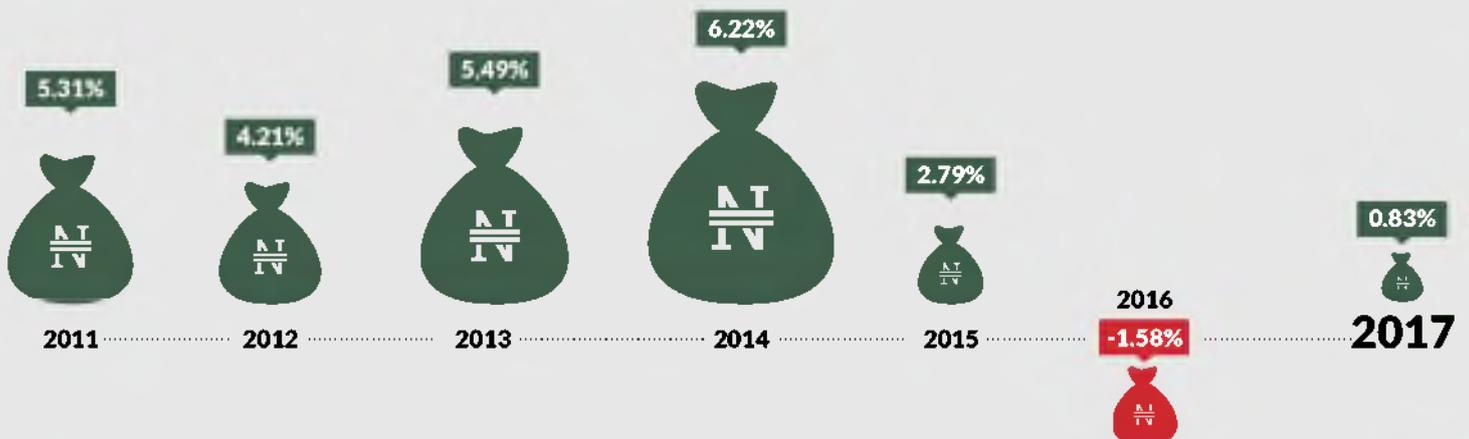
N31.58 Trillion

REAL GDP
(Q4 2017)

N18.79 Trillion

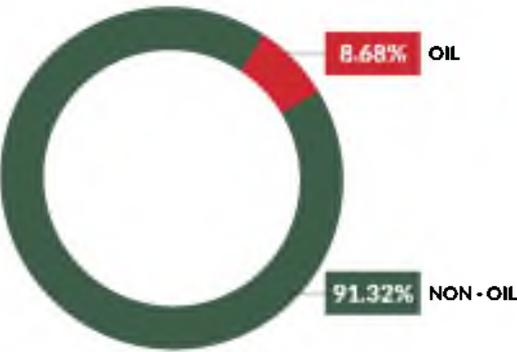


YEARLY GDP GROWTH RATE



GDP REPORT Q4 2017

CONTRIBUTION OF OIL AND NON-OIL SECTORS

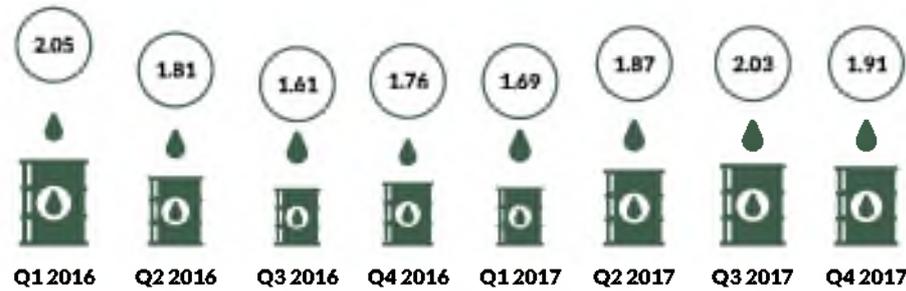


REAL GDP GROWTH RATE OF OIL AND NON-OIL SECTORS

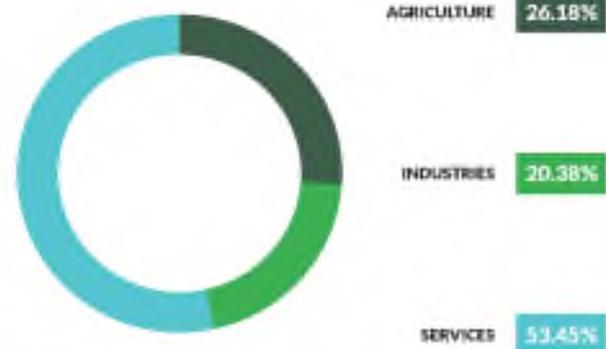
				NON-OIL GDP						
Q1 2016	Q2 2016	Q3 2016	Q4 2016	2016 TOTAL	Q1 2017	Q2 2017	Q3 2017	Q4 2017	2017 TOTAL	
-0.18	-0.38	0.03	-0.33	-0.22	0.72	0.45	-0.76	1.45	0.47	

				OIL GDP						
Q1 2016	Q2 2016	Q3 2016	Q4 2016	2016 TOTAL	Q1 2017	Q2 2017	Q3 2017	Q4 2017	2017 TOTAL	
-4.81	-11.63	-23.04	-17.70	-14.45	-15.60	3.53	25.89	8.38	4.79	

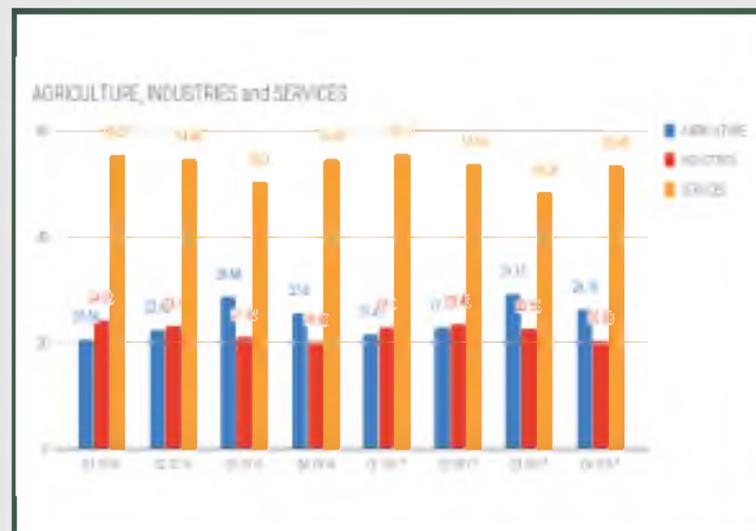
OIL PRODUCTION (MBPD)



CONTRIBUTION TO REAL GDP Q4 2017 (%)



REAL GROWTH RATE BY SECTOR (% YEAR ON YEAR)



REAL GROWTH RATE BY SECTOR (% YEAR ON YEAR)



Mining & Quarrying

The fourth quarter of 2017 saw the Mining & Quarrying sector (which consists of Crude Petroleum and Natural Gas, Coal Mining, Metal ore and Quarrying and other Minerals sub-activities) exhibit a nominal growth of 32.57% (year on year). Crude petroleum and natural gas recorded a growth rate of 33.03% and Metal ore recorded growth of 39.29% respectively. Annually, the growth rate of the sector was recorded as 91.78% in 2017 substantially higher relative to the annual growth rate of -10.34% recorded in 2016. The Mining & Quarrying sector contributed 8.30% to overall GDP in the fourth quarter of 2017, higher than the contributions recorded in 2016 fourth quarter at 6.70% but lower than the previous quarter recorded as 11.17%. It's annual contribution to GDP in 2017 stood at 9.22% and 5.39% in 2016.

In real terms, the Mining and Quarrying sector grew by 7.96% (year-on-year) in the fourth quarter of 2017. Compared to the fourth quarter of 2016 and third quarter 2017, it was higher by 25.22% points and lower by -17.48% points respectively. Quarter on quarter, growth rate recorded was -25.07% and annual growth rate recorded was 4.72%. In 2016, the annual growth rate was -14.45%. The contribution of Mining and Quarrying to Real GDP in the fourth quarter of 2017 stood at 7.32%, higher than the 6.91% recorded in the corresponding quarter of 2016, however lower than the third quarter result of 2017 which was 10.19%. Annual contribution to GDP was 8.81% in 2017 and 8.48% in 2016.

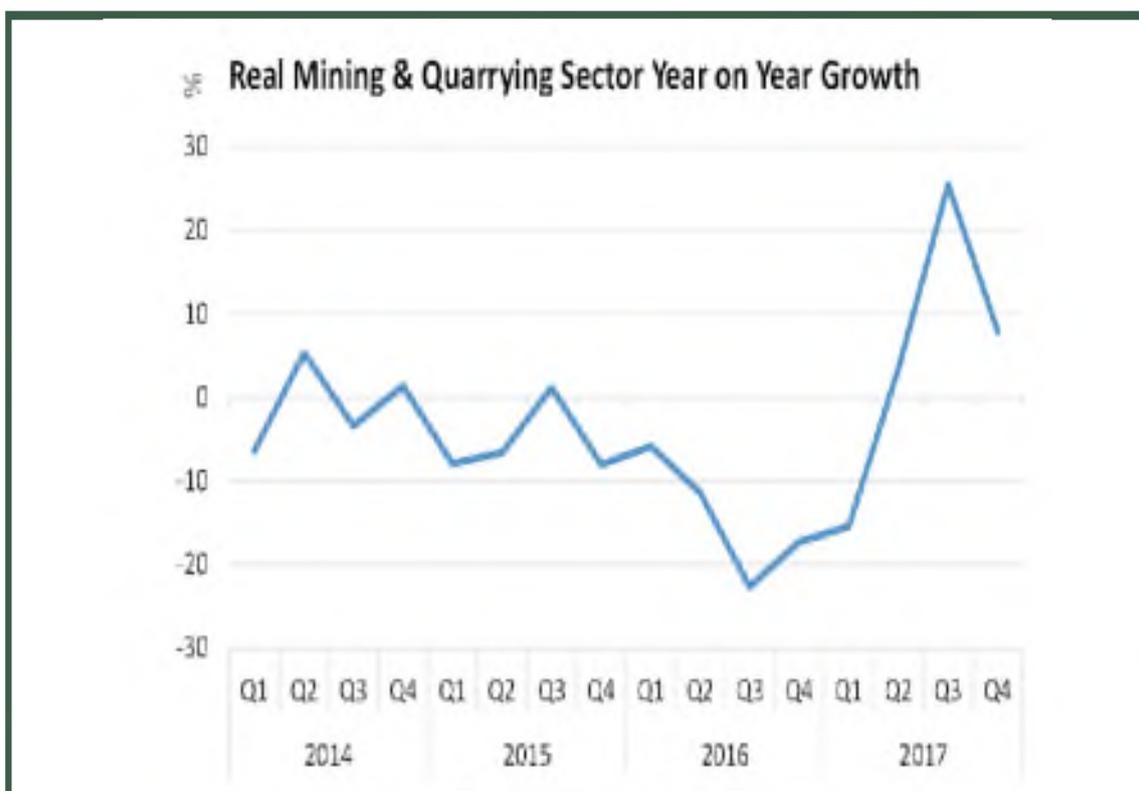


Figure 4: Mining and Quarrying real growth

Agriculture

Four sub-activities make up the Agricultural sector: Crop Production, Livestock, Forestry and Fishing. sector grew by 10.13% year-on-year in nominal terms, showing an incline from the same quarter of 2016 by 3.68% points but a decline by -2.37% points is recorded when compared to the preceding quarter's growth rate of 12.50%. Crop Production remains the major driver of the sector. This is evident as it accounts for 91.79% of overall nominal growth of the sector. In the fourth quarter of 2017, Agriculture contributed 21.97% to nominal GDP. This figure is higher than the rates recorded for the fourth quarter of 2016 and lower than third quarter of 2017 at 21.35% and 24.44% respectively. The annual contribution of agriculture to GDP was 21.06% in 2017, lower than its contribution in 2016 which was 21.21%. Annual growth rate recorded was 11.29% in 2017 and 9.61% in 2016.

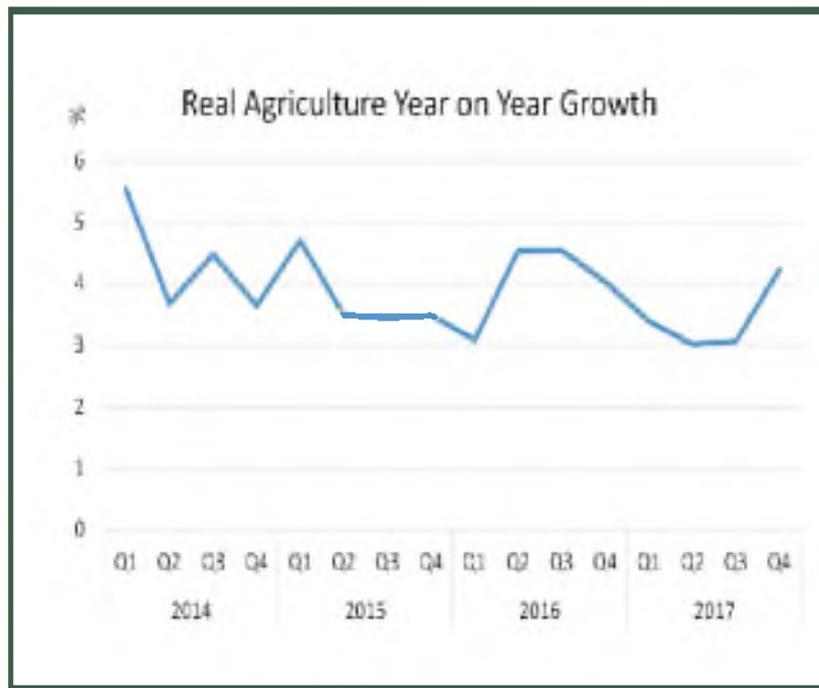


Figure 5: Agriculture real growth

The agricultural sector in the Fourth quarter of 2017 grew by 4.23% (year-on-year) in real terms, an increase by 0.20% points from the corresponding period of 2016 and from the preceding quarter by 1.17%. An annual growth rate of 3.45% was recorded, a decrease from 2016 annual growth rate of 4.11%. The sector in the current quarter contributed 26.18% to overall GDP in real terms higher than the contributions in the fourth quarter of 2016 and lower than third quarter of 2017 which stood at 25.60% and 29.15% respectively. Annual contribution for 2017 was recorded as 25.08% and 24.45% for 2016.

Manufacturing

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

Nominal GDP growth of Manufacturing in the fourth Quarter of 2017 was recorded at 9.20% (year-on-year), 5.64% points higher than figures recorded in the corresponding period of 2016 (3.56%) however -1.12% points lower than the preceding quarter figure of 10.32%. Quarter on Quarter growth of the sector is recorded at 5.95%. Annual growth rate was recorded as 12.82% higher than -0.79% recorded the previous year. The contribution of Manufacturing to Nominal GDP in the current quarter was 8.54%, higher than figures recorded in the corresponding period of 2016 at 8.37% and third quarter of 2017 at 8.55%. Annual contribution was recorded as 8.83% in 2017 and 8.77% in 2016.

Real GDP growth in the manufacturing sector in the current quarter of 2017 was 0.14% (year on year), higher than the same quarter of 2016 and the preceding quarter by 2.68% points and 2.99% points respectively (Figure 6). Growth rate of the sector on a quarter-on-quarter basis stands at 5.02% and annually, stands at -0.21%. This is 4.11% points higher than the 2016 annual growth rate of -4.32. Real contribution to GDP in 2017 fourth quarter is 8.88% with an annual contribution of 9.18% in 2017 and 9.28% in 2016.

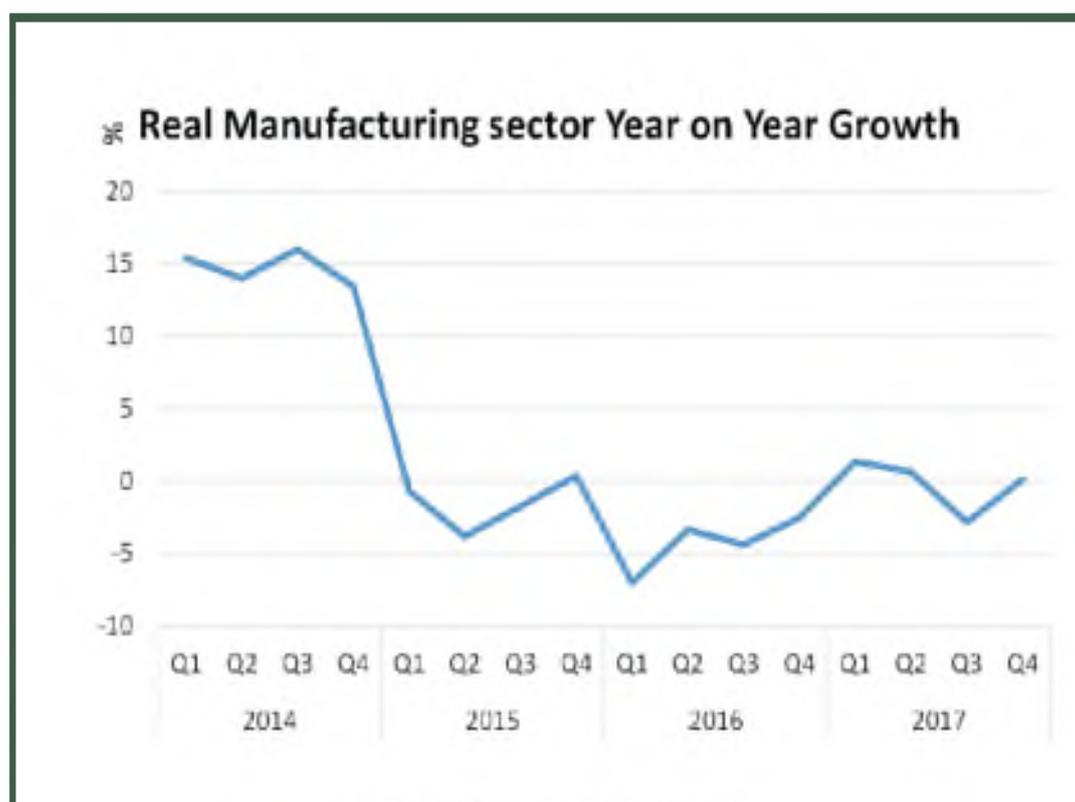


Figure 6: Manufacturing real growth

Electricity, Gas, Steam and Air Conditioning Supply

The Electricity, Gas, Steam and Air conditioning Supply sector recorded year on year growth of 25.45% in the fourth quarter of 2017. This is 14.28% points higher than the 11.18% growth rate recorded in the corresponding quarter of 2016, and -0.43% points lower than the growth rate of 25.88% recorded in the quarter before. Quarter-on-Quarter, the sector recorded a growth rate of 61.52% and an annual growth rate of 27.30%. The contribution of Electricity, Gas, Steam and Air Conditioning Supply to Nominal GDP in the quarter under review is 0.82% higher than the contribution made in the corresponding quarter of 2016 of 0.70%. On an annual basis, the sector contributed 0.59% to total GDP in 2017 and 0.52% in 2016.

In real terms, the sector grew by 16.03% in 2017 quarter four, an increase from a growth rate of -5.16% recorded in the same quarter of 2016 and 11.46% recorded in the third quarter of 2017. Quarter-on-Quarter, the sector grew at a rate of 60.45% and annually by 16.43%, a significant growth from 2016 annual growth of -15.00%. The contribution of this sector to real GDP in the quarter was 0.56%. Annual contribution in 2017 stands at 0.39% and 0.34% in 2016.

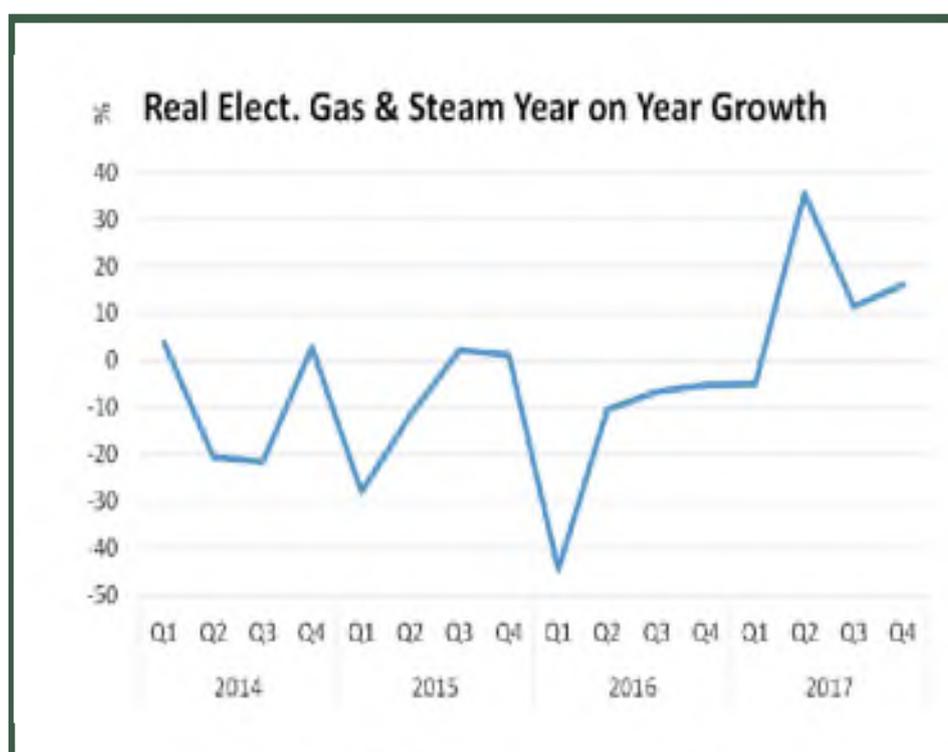


Figure 7: Elect. Gas an Steam real growth

Construction

The Construction sector grew by 19.25% in nominal terms (year on year) in the fourth quarter of 2017, an increase of 11.59% points compared to the rate of 7.66% recorded in the same quarter of 2016. There was also an increase of 2.57% points when compared to the rate recorded in the preceding quarter. Nominal growth quarter on quarter was 21.76% and annual growth stood at 18.72%; higher than 2016 annual growth rate by 14.85% points. Construction contributed 3.58% to nominal GDP in the fourth quarter of 2017 higher than the rate of 3.22% it contributed a year earlier, still higher than 3.12% contributed in the third Quarter of 2017. Annual contribution stood at 3.77% in 2017 and 3.55% in 2016.

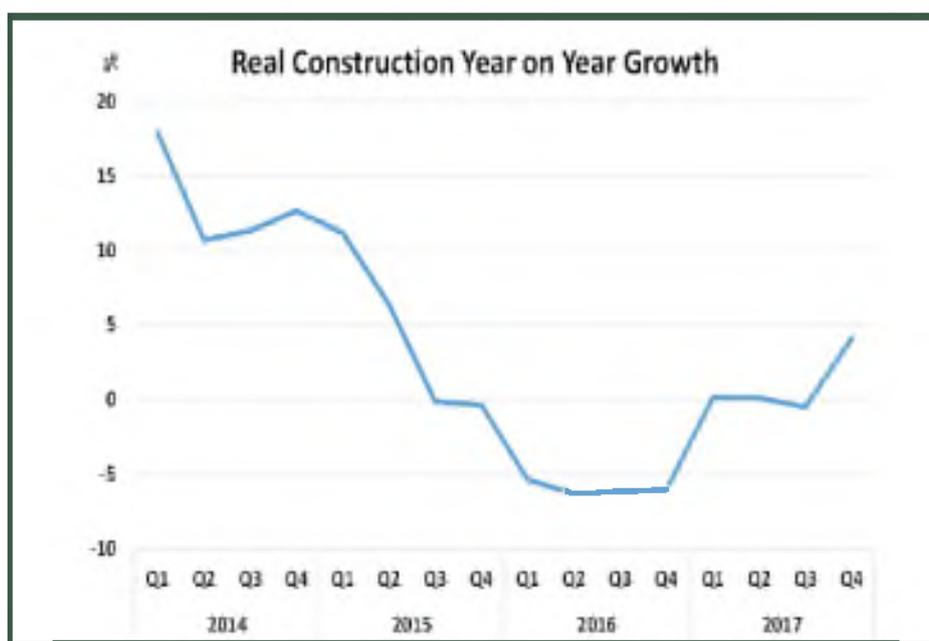


Figure 8: Construction real growth

The real growth rate of the construction sector in the fourth quarter of 2017 is recorded at 4.14% (year on year), higher by 10.17% points from the rate recorded a year previous. Relative to the preceding quarter, there was an increase of 4.60% points. Quarter on quarter, the sector grew by 19.92% in real terms and 1.00% annually. In 2016, the annual growth rate was -5.95%. Its contribution to total real GDP is 3.50% in fourth quarter, 2017; higher than its contribution of 3.42% in the previous year and in the previous quarter where it contributed 3.04%. Its annual contribution stood at 3.72% in 2017 and 3.71% in 2016.

Trade

The nominal year on year growth rate of Trade in the fourth quarter of 2017 stood at 3.11%. This indicates a drop by -11.46% points when compared to the fourth quarter of 2016 and 2.68% points higher than the third quarter of 2017. The quarter on quarter growth rate was 9.97%. Trade's contribution to Nominal GDP in the fourth quarter of 2017 was 18.64%, lower than the contribution in the same quarter of the previous year of 19.34%, but higher than in the preceding quarter recorded at 17.96%. The sector recorded an annual nominal growth rate of 4.34% lower than 2016 annual growth rate of 14.68%. Annual contribution of trade to GDP in 2017 was 18.97% and 20.37% in 2016.

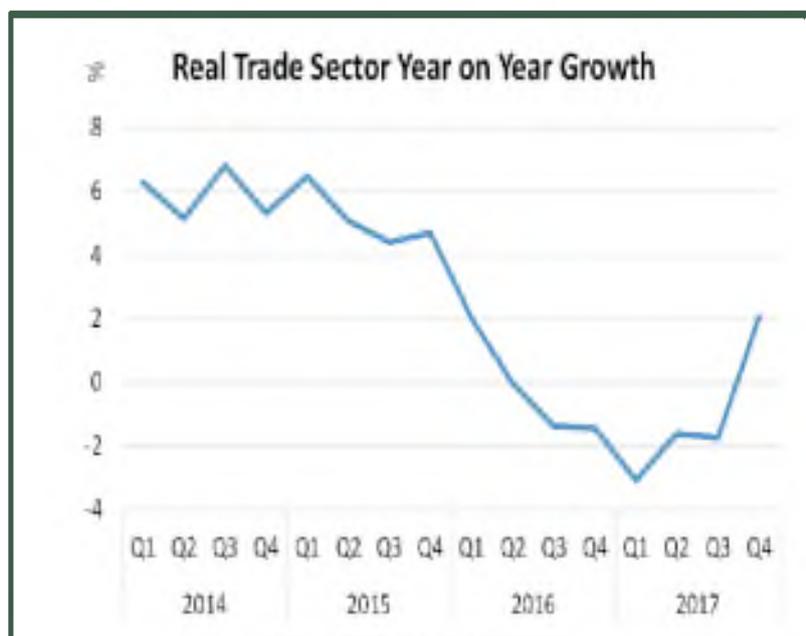


Figure 9: Trade real growth

In real terms, Trade's year on year growth stood at 2.07%, which is 3.51% points higher than the rate recorded one year previous, and 3.80% points higher than in the preceding quarter. Quarter on quarter growth stood at 9.89%. In real terms, Trade's contribution to GDP was 16.75%, higher than the 16.73% it represented in the previous year and the 15.90% recorded in 2017 third quarter. On an annual basis, Trade recorded a growth rate of -1.05% and as a share of GDP had a contribution of 16.86% in 2017 while in 2016 rates recorded were -0.24% and 17.18% respectively.

Accommodation and Food Services

In nominal terms, Accommodation and Food Services grew by 7.16% year on year in the fourth quarter of 2017. This represents a decrease of -2.18% points relative to the same quarter of 2016, when the growth rate was 9.35%. Growth was also lower than in the preceding quarter by -1.58% points when growth was 8.74%. The sector's contribution to nominal GDP was 0.93% in the quarter under review relatively same with the figure recorded a year previous. Nominal annual growth rate and contribution were 6.39% and 0.87% respectively.

The real year on year growth rate for this sector in 2017 fourth quarter was 0.78%, higher by 3.52% points from -2.74% recorded a year previous. Relative to the preceding quarter, growth rate was 0.60% points higher from 0.18% recorded. Quarter on quarter real growth was 15.81%. The sector in fourth quarter of 2017 represented 0.96% of the real GDP, which was lower by a small margin than the contribution of 0.97% recorded in the fourth quarter of 2016 but higher than the third quarter 2017 contribution of 0.86%. The sector had an annual growth rate of -1.61% in 2017 and -5.32% in 2016.

Transportation and Storage

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

The sector grew by 24.10% in nominal terms in the fourth quarter of 2017 (year on year). This rate is higher relative to figure recorded at 10.55% for the corresponding quarter of 2016 and 0.58% in the previous quarter. The fastest growing activities in this quarter were road transport at a rate of 27.23% and Air Transport at a rate of 12.08% year on year. Transport contributed 1.74% to Nominal GDP, an incline from the 1.50% recorded in the corresponding period of 2016, and higher than 1.43% recorded in the third quarter of 2017. Annual growth and contribution stand at 13.60% and 1.57% respectively.

In real terms, the Transportation and Storage sector grew by 16.57% in Q4 of 2017. This rate represented an incline of 21.89% points relative to the same quarter of the previous year and an increase of 22.82% points relative to the preceding quarter. Quarter on Quarter, growth was 28.08% in real terms. The contribution of the sector to real GDP in the fourth quarter of 2017 totaled 1.36%, an increase from 1.19% recorded a year previous also higher than 1.11% recorded in the third quarter of 2017. Real annual growth and contribution stood at 3.86% and 1.23% respectively.

Information & Communication

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

In nominal terms, the sector declined by -0.55% (year-on-year) in the fourth quarter of 2017, a -17.98% points decrease from the rate of 17.43% recorded in the same quarter of 2016, however, it is 2.11% points higher than rate recorded in the preceding quarter. The Quarter on Quarter growth rate was 22.68%. The Information and Communications sector contributed 10.06% to total Nominal GDP in the fourth quarter of 2017, lower than the rate of 10.83% recorded in the same quarter of 2016 but higher than the 8.69% it contributed in the preceding quarter. The annual growth rate and contribution of this sector were 2.07% and 10.30% in 2017 respectively compared to 2016 rates of 6.48% and 11.31% respectively.

The sector slowed by -1.46% in real terms, year on year in 2017 fourth quarter. From the rate recorded in the corresponding period of 2016, there was a decline by -2.84% points. Quarter on Quarter, the sector exhibited a growth of 22.54% in real terms. Of total real GDP, the sector contributed 11.24% in 2017 fourth quarter, lower than in the same quarter of the previous year in which it represented 11.62% and higher than the preceding quarter, in which it represented 9.56%. Real annual growth rate was recorded as -1.04%, lower than 1.95% recorded in 2016. The annual contribution was 11.35% in 2017 and 11.57% in 2016.

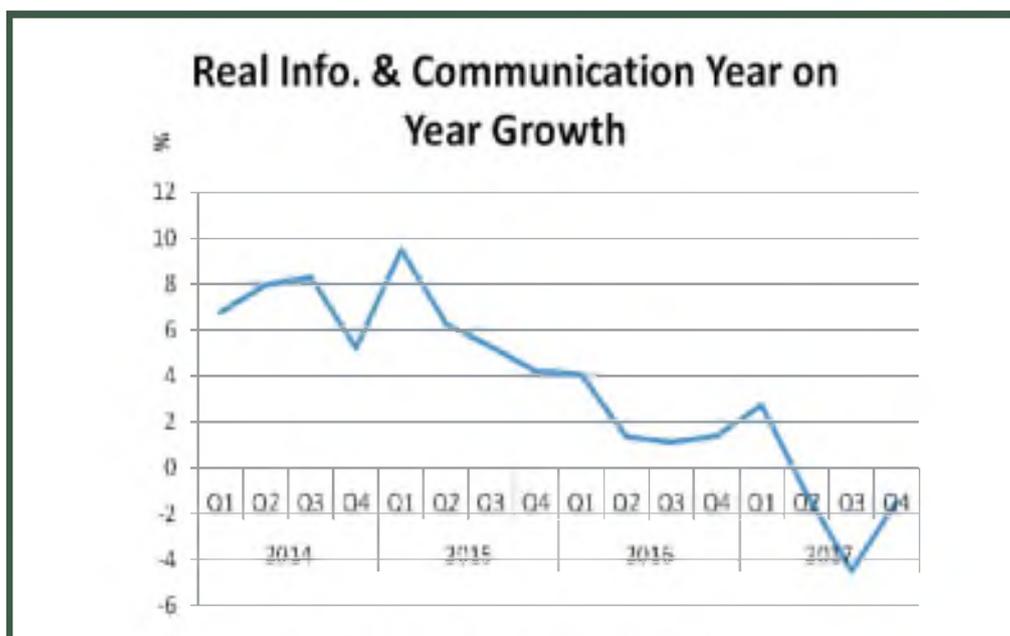


Figure 10: Info and Communication real growth

Arts, Entertainment and Recreation

Nominal growth in the Arts, Entertainment and Recreation sector was 4.18% in fourth quarter 2017 (year-on-year), representing an decrease of -7.93% points relative to the same period a year earlier, and an increase of 0.72% points compared with the preceding quarter. On a quarterly basis, growth was recorded at 9.56%, while annual growth rate in 2017 was 9.07% compared to 13.76% recorded in 2016. The activity contributed 0.20% to total nominal GDP in fourth quarter 2017, relatively same with it's contribution in Q4 2016 but slightly higher than 0.19% it contributed in the preceding quarter of 2017. Moreover, 2017 annual contribution was recorded at 0.23%, lower compared to 0.24% recorded in 2016.

In real terms, the activity grew by 3.54% year on year, which was higher than the rate recorded in Q4 2016 by 1.50% points and higher by 3.10% points when compared with that of the preceding quarter. Quarter on Quarter, growth stood at 9.54% in real terms, while annual real growth was 4.13%, higher than 3.72% recorded in 2016. Arts, Entertainment and Recreation contributed 0.19% to real GDP in Q4 2017, relatively same with 0.19% recorded one year previous and higher from 0.18% recorded in the third quarter of 2017. Overall, 2017 contribution stood at 0.22%, relatively the same with 2016.

Real Estate Services

In nominal terms, Real Estate Services in the fourth quarter of 2017 grew by -3.34%, lower by -5.24% points than the growth rate reported for the same period in 2016 and lower by -4.93% points compared to the preceding Quarter. Quarter-on-Quarter, the sector growth rate was 8.40%. Annual 2017 growth was recorded at 3.01% against 1.87% in 2016. The contribution to nominal GDP in Q4 2017 was 7.69%, lower than the 8.51% reported in corresponding quarter of 2016 and higher than the 7.52% reported in the preceding quarter. Overall, 2017 annual nominal contribution was 7.56%, lower than 8.22% recorded in 2016.

Real GDP growth recorded in the sector in Q4 2017 stood at -5.92%, higher from growth recorded in Q4 2016 by 3.35% points and lower by -1.80% points relative to Q3 2017. Quarter-on-quarter, the sector grew by 8.21% in the Q4 2017. 2017 annual growth was -4.27% compared to -6.86% in 2016. It contributed 7.04% to real GDP in Q4 2017, lower than the 7.63% it recorded in the corresponding quarter of 2016 but higher than the 6.79% in the preceding quarter. Overall, 2017 contribution was 6.85% compared to 7.22% in 2016.

Finance and Insurance

The Finance and Insurance Sector consists of the two subsectors, Financial Institutions and Insurance, which account for 89.07% and 10.93% of the sector respectively in real terms in Q4 2017. However, 2017 annual share stood at 86.82% and 13.18% compared to 86.25% and 13.75% in 2016 respectively.

As a whole the sector grew at 1.25% in nominal terms (year on year), with the growth rate of Financial Institutions as 3.66% and -14.85% growth rate recorded for Insurance. The overall rate was lower than that in Q4 2016 by -18.49% points, and higher by 5.14% points than the preceding quarter. Quarter on Quarter growth was 10.10%, while 2017 annual growth was 6.75% as against 10.21% recorded in 2016. The sector's contribution to the overall nominal GDP was 3.16% in Q4 2017, lower than the 3.34% it represented a year previous, but higher from the contribution of 3.04% it made in the preceding quarter. 2017 annual contribution was recorded at 3.37% as against 3.54% recorded in 2016, a fall of -0.17% points.

Again driven by the Financial Institutions activity, growth of the sector in real terms totaled 0.22%, lower by -2.46% points from the rate recorded in 2016 fourth quarter but up by 6.19% points from the rate recorded in the preceding quarter. Quarter on Quarter growth in real terms stood at 10.02%. Annual growth in 2017 was 1.26% from -4.54% recorded in 2016. The contribution of Finance and Insurance to real GDP totaled 2.84%, lower than the contribution of 2.89% recorded in the fourth quarter of 2016, but higher than 2.69% recorded in the preceding quarter. Annual contribution in 2017 was 3.00% higher than 2.98% recorded in 2016.

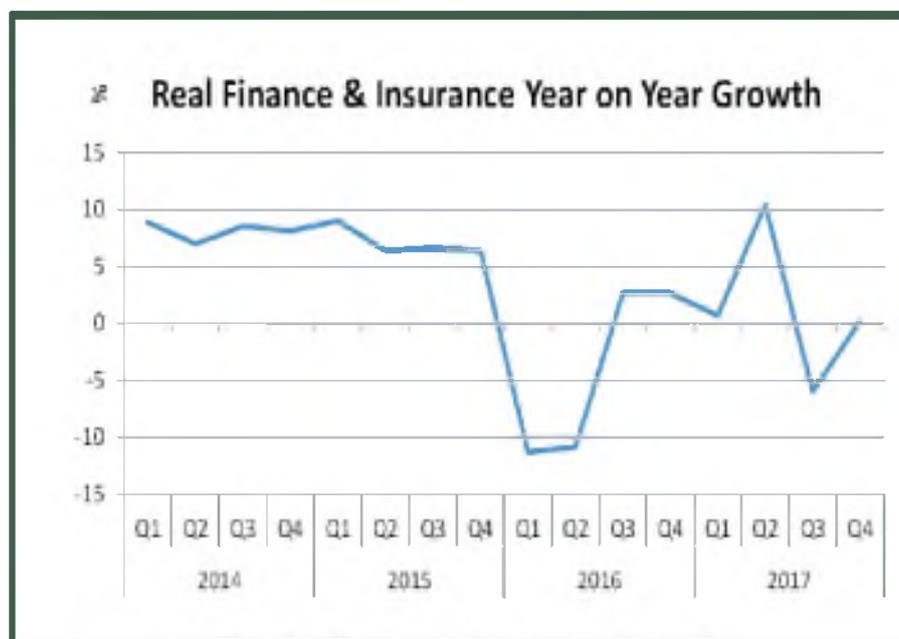


Figure 11: Finance and Insurance real growth

Administrative and Support Services

In nominal terms, the Administrative and Support Services sector grew by 3.21% (year on year) in Q4 2017, lower by -16.20% points compared to fourth quarter, 2016, and higher by 0.30% points than the growth rate in the previous quarter. Quarter on Quarter growth rate in the sector was 3.01% in Q4 2017, while 2017 annual growth stood at 5.90% compared to 14.71% in 2016. The contribution of Administrative and Support Services to nominal GDP was 0.02% in Q4 2017, same from the 0.02% it contributed in the same period in 2016 and relatively same with the 0.02% it contributed in the preceding quarter. Annual contribution stood at 0.02% in 2017.

In real terms, the sector recorded a growth rate of 2.16% (year-on-year), an increase of 0.09% points from the corresponding quarter of 2016 and an increase of 1.48% point from the rate recorded in Q3 2017. Quarter-on-Quarter, the sector grew by 2.94% in Q4 2017. Annual real growth stood at 0.64% in 2017 as against -0.69 in 2016. The sector's contribution to real GDP was 0.02% in 2017 fourth quarter, roughly unchanged from the corresponding quarter in 2016, 2017 third quarter, 2016 and 2017 annual shares.

Education

Nominal growth in the Education sector in the fourth quarter of 2017 was 1.37% (year-on-year), down by -13.68% points from the growth of 15.05% reported in the corresponding quarter of 2016, and down by -2.00% points when compared to Q3 2017 growth rate of 3.37%. 2017 annual growth stood at 5.92% as against 15.57% recorded in 2016. The contribution of Education to nominal GDP in Q4 2017 was 2.63%; down from 2.78% estimated in Q4 2016 and up from 2.27% in Q3 2017. The sector contributed 2.28% in 2017.

Real growth in Education year-on-year stood at -1.04% in Q4 2017; a decrease of -0.95% points from the corresponding quarter of 2016 which was estimated at -0.09% . When compared with the previous quarter's rate of -1.22%, the sector increased by 0.18% points. Annual growth rate in 2017 was -0.72% and 1.35% in 2016. The Sector contributed 2.57% to total real GDP in Q4 2017 which was lower as against 2.64% reported for corresponding Quarter of 2016 but higher than 2.18% recorded in Q3 2017. Education contributed 2.20% in 2017 from 2.24% recorded in 2016.

Professional, Scientific and Technical Services

In Q4 2017, Professional, Scientific and Technical Services recorded a nominal growth of 1.67% (year-on-year), which is -16.75% points lower than Q4 2016, and 0.87% points up from the rate recorded in Q3 2017. Quarter-on-Quarter, the sector grew by 5.84% In 2017. Annually, the growth of the sector stood at 4.86% from 14.78% in 2016. The Contribution of Professional, Scientific and Technical Services to nominal GDP was 4.22% in Q4 2017, down from the 4.44% contribution in Q4 2016 and relatively same as 4.22% recorded in Q3 2017. Annual contribution in 2017 stood at 4.16%, down from 4.44% recorded in 2016.

Real growth in the sector was recorded at 0.64% in Q4 2017, a decrease of -0.82% points relative to the rate recorded in the corresponding period of 2016, and 2.02% points higher than that of Q3 2017. On a quarter-on-quarter basis, the sector grew by 5.77% in Q4 2017. Annual growth in 2017 was recorded at -0.26% compared to 0.80% recorded in 2016, a fall of -1.06% points. Professional, Scientific and Technical Services contributed 3.79% to aggregate GDP in Q4 2017, lower than the 3.84% it contributed in Q4 2016 but higher than 3.74% in Q3 2017. For the year, the sector contributed 3.69% in 2017 compared to 3.73% recorded in 2016.

Public Administration

In nominal terms, the Public Administration sector grew by 0.57% in Q4 2017, lower by -7.86% points from the corresponding quarter of 2016 and lower by -0.90% points relative to Q3 2017. Quarter-on-Quarter, the sector grew by 16.31%. Annual growth of 2017 was 4.95%, lower than 9.06% recorded in 2016. The contribution of Public Administration to Nominal GDP stood at 2.57% in Q4 2017, lower than the 2.74% recorded in Q4 2016 and higher than 2.34% recorded in Q3 2017 by 0.24% points. Annual contribution stood at 2.57% in 2017, lower than 2.74% recorded in 2016.

In real terms, the sector recorded a growth rate of -0.45% (year on year) in Q4 2017, higher by 3.70% points and higher by 0.27% points from the Q4 2016 rate and the Q3 2017 rate respectively. On Quarter on Quarter, the sector grew by 16.23% in Q4 2017. Annual growth in 2017 stood at -0.38% compared to -4.58% in 2016. The contribution of Public Administration to Real GDP stood at 2.31% in Q4 2017, lower compared to 2.37% in Q4 2016 and higher from 2.07% in Q3 2017. Annually, 2017 real GDP recorded a share of 2.28% from the sector as against 2.31% in 2016.

Human Health and Social Services

The year on year growth rate for Health and Social Services in nominal terms was 1.91%, a decrease relative to the growth rate of 8.29 % reported in the same quarter of 2016 by -6.38% points. Quarter on Quarter growth was 5.51%, while 2017 annual growth stood at 5.26% against 9.21% in 2016. The contribution to nominal GDP was 0.66% in Q4 2017, down from the 0.70% recorded in Q4 2016 and lower than 0.67% recorded in Q3 2017. Overall, 2017 contribution was 0.69% from 0.73% in 2016.

Real GDP growth of Health and Social Services for Q4 2017 stood at -0.38% (year-on-year) compared to -2.49% for the corresponding period of 2016, which shows an increase of 2.11% points. Quarter-on-Quarter, this sector grew by 5.33%, while annual growth stood at -0.31% compared to -1.79% in 2016. The contribution of Human Health and Social Services to real GDP was 0.67% in Q4 2017, down slightly from the 0.69 % recorded in Q4 2016 but up from the 0.66 % recorded for the preceding quarter. Overall, 0.69% was contributed by the sector in 2017 lower than 0.70% of 2016.

Other Services

In nominal terms, Other Services grew by 4.52% (year-on-year) in Q4 2017. This growth rate is less than the 21.60% growth rate recorded in the same quarter of the previous year and higher than the growth rate of 3.97 % in Q3 2017 by -17.08 % points and 0.54% points respectively. Quarter on Quarter growth was 53.80%, while annual growth in 2017 stood at 8.21% compared to 21.06% in 2016. This sector contributed 4.13% to the aggregate nominal GDP in Q4 2017, lower than the 4.22% it contributed in the same period of the previous year but higher than 2.84% it contributed in the preceding quarter. Annual contribution was 3.80% in 2017.

Other Services real GDP grew by 3.46% (year-on-year) in Q4 2017. This growth is higher by 0.39% points than the growth recorded in the same period of the previous year, and higher by 1.73% points from Q3 2017. Quarter on Quarter growth was 53.68%, while annual growth stood at 2.35% in 2017, lower than 4.93% in 2016. The sector contributed 3.71 % to real GDP in Q4 2017 as against the 3.65 % reported for the corresponding quarter of 2016. Annual contribution stood at 3.37% compared to 3.32% recorded in 2016.

GDP REPORT Q4 2017

Agriculture: Q1 2016 - Q4 2017

Agriculture sector



Agriculture sector grew by 4.23% in Q4 2017 from 3.06% in Q3 2017 and 4.03% in Q4 2016.



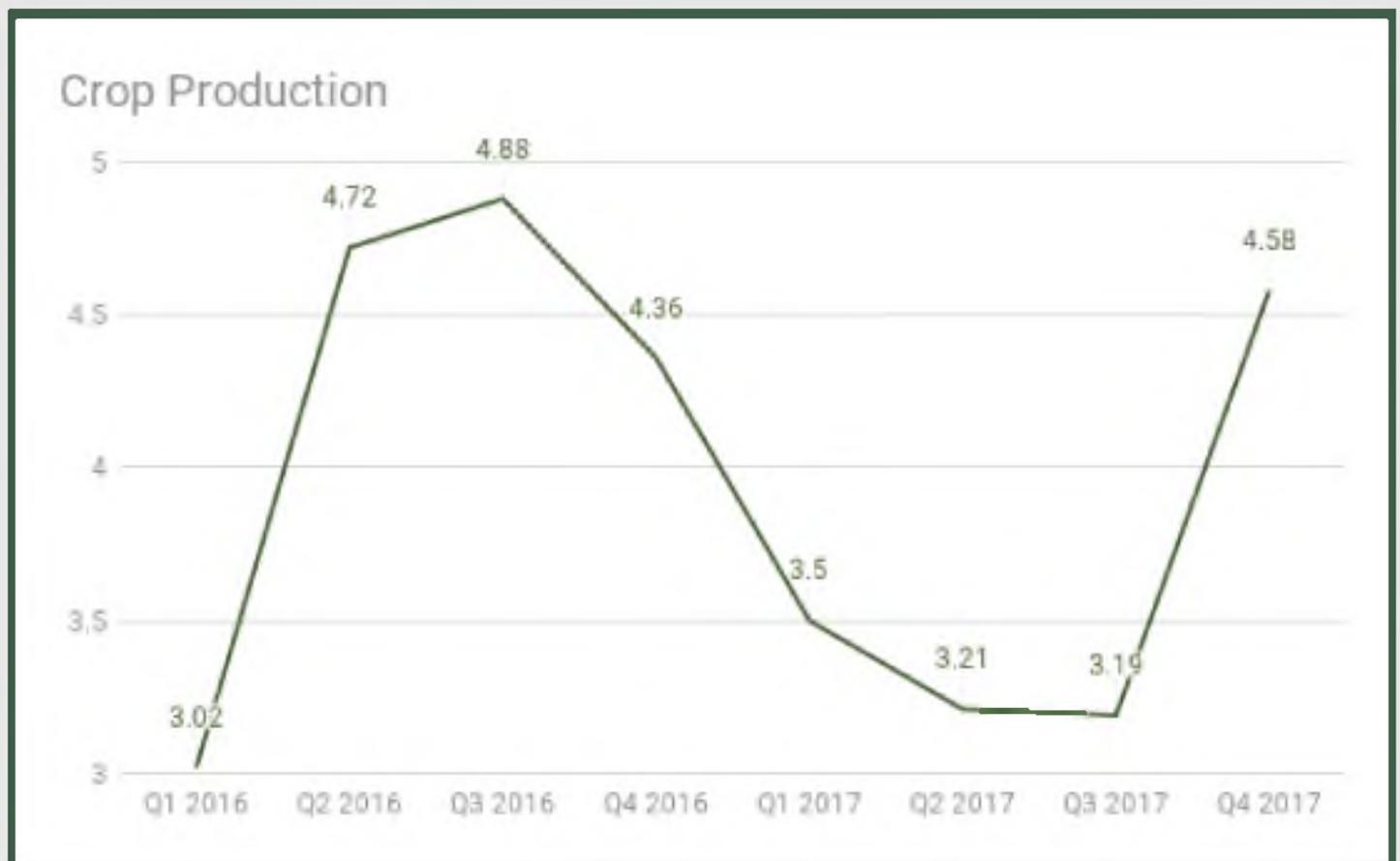
GDP REPORT Q4 2017

Crop Production: Q1 2016 - Q4 2017

Crop Production



Crop production under agriculture sector grew by 4.58% in Q4 2017 from 3.19% in Q3 2017 and 4.36% in Q4 2016.



GDP REPORT Q4 2017

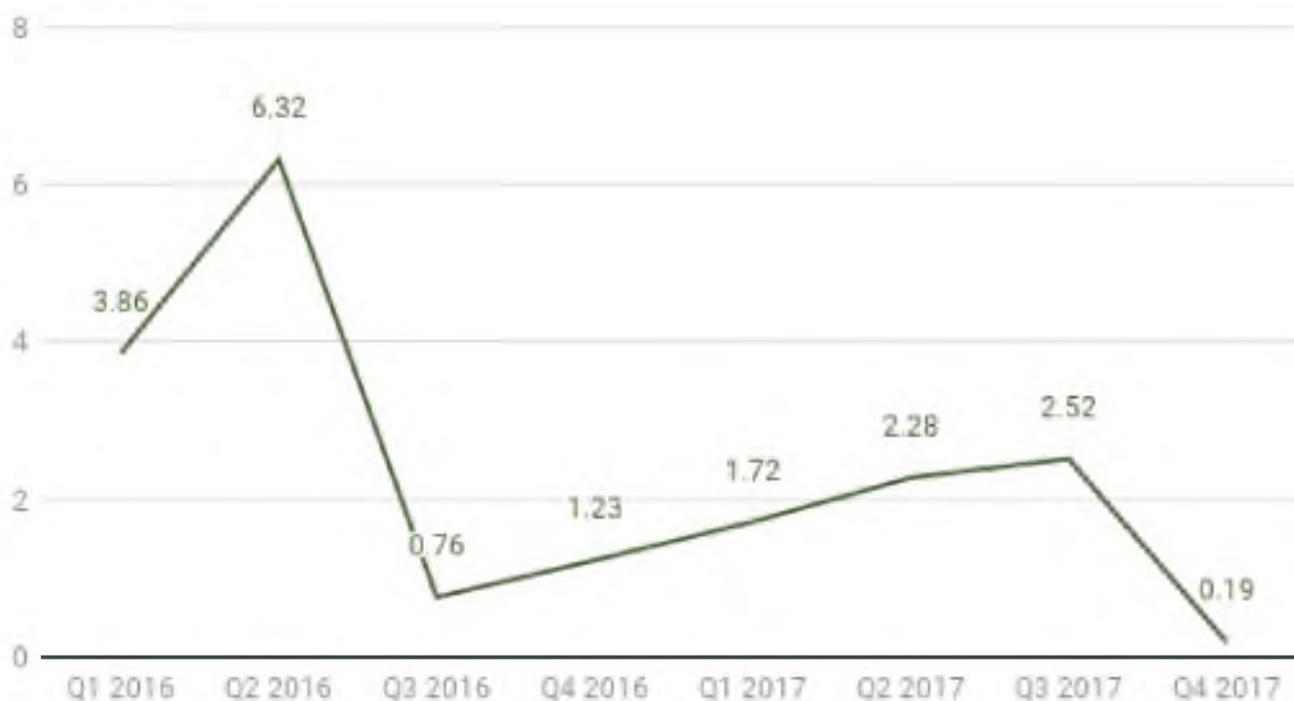
Livestock: Q1 2016 - Q4 2017

Livestock



Livestock under agriculture sector grew by 0.19% in Q4 2017 from 2.52% in Q3 2017 and 1.23% in Q4 2016.

Livestock



GDP REPORT Q4 2017

Forestry: Q1 2016 - Q4 2017

Forestry



Forestry under agriculture sector grew by 2.83% in Q4 2017 from 3.95% in Q3 2017 and 2.22% in Q4 2016.



GDP REPORT Q4 2017

Fishing: Q1 2016 - Q4 2017

Fishing



Fishing under agriculture sector grew by 4.05% in Q4 2017 from -2.84% in Q3 2017 and 0.76% in Q4 2016.

Fishing



GDP REPORT Q4 2017

Mining and Quarrying: Q1 2016 - Q4 2017

Mining and Quarrying sector



Mining and Quarrying grew by 7.96% in Q4 2017 from 25.44% in Q3 2017 and -17.26% in Q4 2016.

MINING AND QUARRYING



GDP REPORT Q4 2017

Crude Petroleum and Natural Gas: Q1 2016 - Q4 2017

Crude Petroleum



Crude Petroleum and Natural Gas under Mining And Quarrying sector grew by 8.38% in Q4 2017 from 25.89% in Q3 2017 and -17.7% in Q4 2016.

Crude Petroleum and Natural Gas



GDP REPORT Q4 2017

Coal Mining: Q1 2016 - Q4 2017

Coal Mining



Coal Mining under Mining And Quarrying sector grew by 2.86% in Q4 2017 from -38.49% in Q3 2017 and 0.44% in Q4 2016.



GDP REPORT Q4 2017

Metal Ores: Q1 2016 - Q4 2017

Metal Ores



Metal Ores under Mining and Quarrying sector grew by 31.86% in Q4 2017 from 10.70% in Q3 2017 and 7.03% in Q4 2016.

Metal Ores



GDP REPORT Q4 2017

Quarrying and Other Minerals: Q1 2016 - Q4 2017

Quarrying and Other Minerals



Quarrying and Other Minerals under Mining and Quarrying sector contracted by -10.94% in Q4 2017 from 1.86% in Q3 2017 and 6.13% in Q4 2016.

Quarrying and Other Minerals



GDP REPORT Q4 2017

Manufacturing: Q1 2016 - Q4 2017

Manufacturing sector



Manufacturing sector grew by 0.14% in Q4 2017 from -2.85% in Q3 2017 and -2.54% in Q4 2016.



GDP REPORT Q4 2017

Oil Refining: Q1 2016 - Q4 2017

Oil Refining



Oil Refining under Manufacturing sector contracted by -46.24% in Q4 2017 from -45.4% in Q3 2017 and -0.97% in Q4 2016



GDP REPORT Q4 2017

Cement: Q1 2016 - Q4 2017

Cement



Cement under Manufacturing sector contracted by -1.92% in Q4 2017 from -4.56% in Q3 2017 and -5.32% in Q4 2016.



GDP REPORT Q4 2017

Food, Beverage and Tobacco: Q1 2016 – Q4 2017

Food, Beverage and Tobacco



Food, Beverage and Tobacco under Manufacturing sector grew by 2.18% in Q4 2017 from 0.58% in Q3 2017 and -2.65% in Q4 2016.

Food, Beverage and Tobacco



GDP REPORT Q4 2017

Textile, Apparel and Footwear: Q1 2016 - Q4 2017

Textile, Apparel and Footwear



Textile, Apparel and Footwear under Manufacturing sector grew by 1.65% in Q4 2017 from 0.19% in Q3 2017 and 1.08% in Q4 2016

Textile, Apparel and Footwear



GDP REPORT Q4 2017

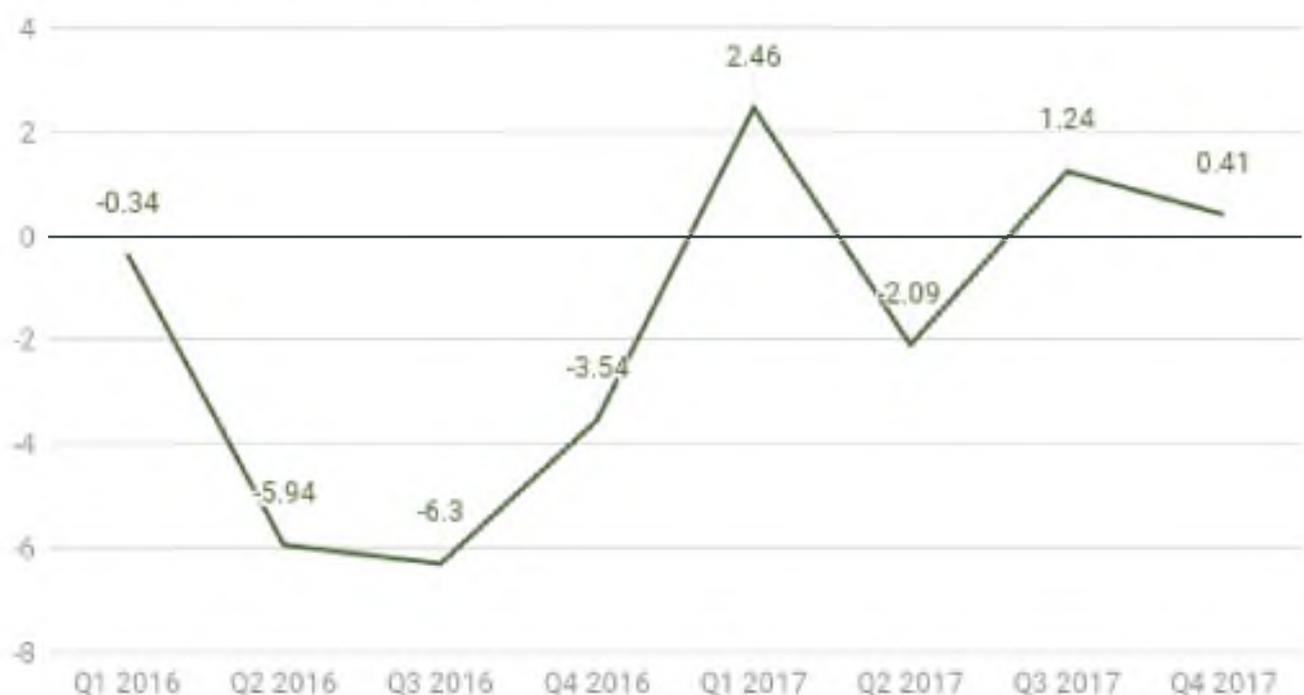
Wood and Wood Products: Q1 2016 - Q4 2017

Wood and Wood Products



Wood and Wood Products under Manufacturing sector grew by 0.41% in Q4 2017 from 1.24% in Q3 2017 and -3.54% in Q4 2016.

Wood and Wood Products



GDP REPORT Q4 2017

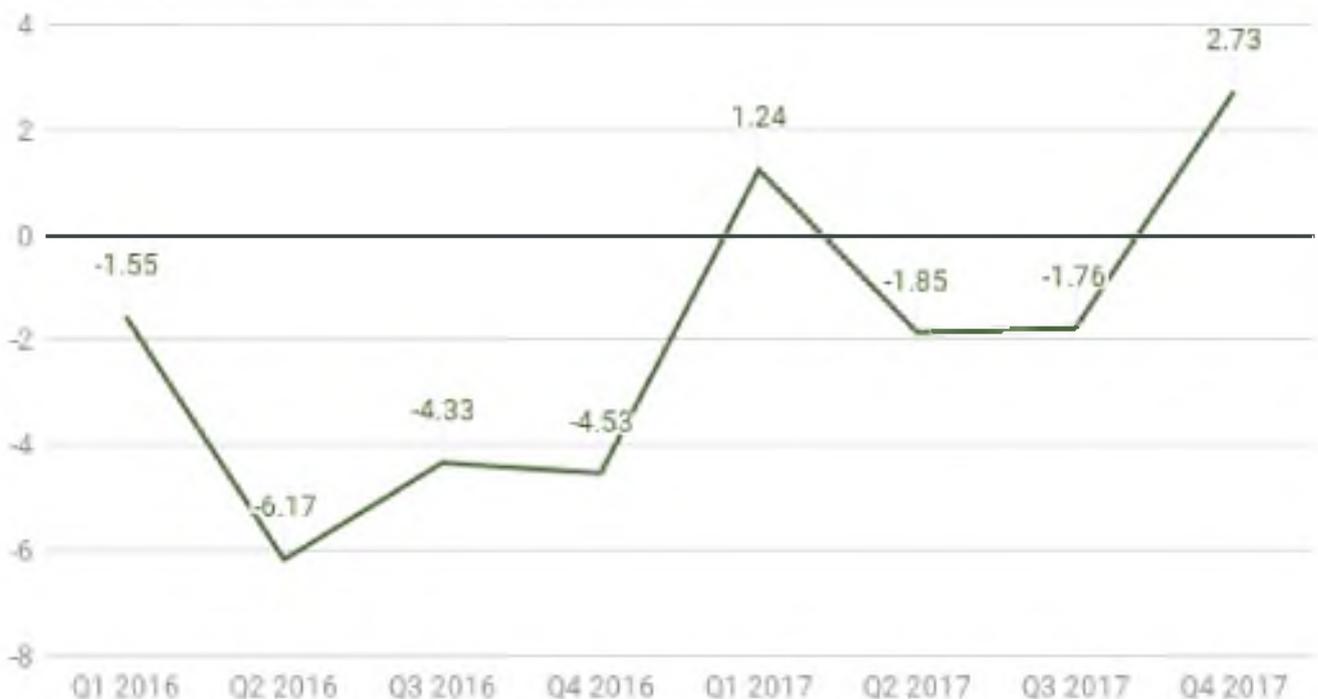
Pulp, Paper and Paper Products : Q1 2016 - Q4 2017

Pulp, Paper and Paper



Pulp, Paper and Paper Products under Manufacturing sector grew by 2.73% in Q4 2017 from -1.76% in Q3 2017 and -4.53% in Q4 2016.

Pulp, Paper and Paper Products



GDP REPORT Q4 2017

Chemical and Pharmaceutical Products: Q1 2016 - Q4 2017

Chemical and Pharmaceutical Products



Chemical and Pharmaceutical Products under Manufacturing sector grew by 4.8% in Q4 2017 from 0.24% in Q3 2017 and -1.38% in Q4 2016.

Chemical and Pharmaceutical Products



GDP REPORT Q4 2017

Non-Metallic Products: Q1 2016 – Q4 2017

Non-Metallic Products



Non-Metallic Products under Manufacturing sector grew by 3.25% in Q4 2017 from 1.79% in Q3 2017 and 1.22% in Q4 2016.

Non-Metallic Products



GDP REPORT Q4 2017

Plastic and Rubber Products: Q1 2016 - Q4 2017

Plastic and Rubber Products



Plastic and Rubber Products under Manufacturing sector grew by 3.41% in Q4 2017 from 0.67% in Q3 2017 and 3.25% in Q4 2016.

Plastic and Rubber products



GDP REPORT Q4 2017

Electrical and Electronics: Q1 2016 - Q4 2017

Electrical and Electronics



Electrical and Electronics under Manufacturing sector grew by 0.66% in Q4 2017 from 0.76% in Q3 2017 and -5.37% in Q4 2016.

Electrical and Electronics



GDP REPORT Q4 2017

Basic Metal , Iron and Steel: Q1 2016 - Q4 2017

Basic metal , Iron and Steel



Basic Metal , Iron and Steel under Manufacturing sector grew by 1.53% in Q4 2017 from -0.35% in Q3 2017 and 1.02% in Q4 2016.

Basic metal , Iron and Steel



GDP REPORT Q4 2017

Motor Vehicles & Assembly: Q1 2016 - Q4 2017

Motor Vehicles & Assembly



Motor Vehicles & Assembly under Manufacturing sector grew by 0.23% in Q4 2017 from -21.26% in Q3 2017 and -36.31% in Q4 2016.

Motor vehicles & assembly



GDP REPORT Q4 2017

Other Manufacturing: Q1 2016 - Q4 2017

Other Manufacturing



Other Manufacturing under Manufacturing sector grew by 2.84% in Q4 2017 from -9.72% in Q3 2017 and -15.73% in Q4 2016.

Other Manufacturing



GDP REPORT Q4 2017

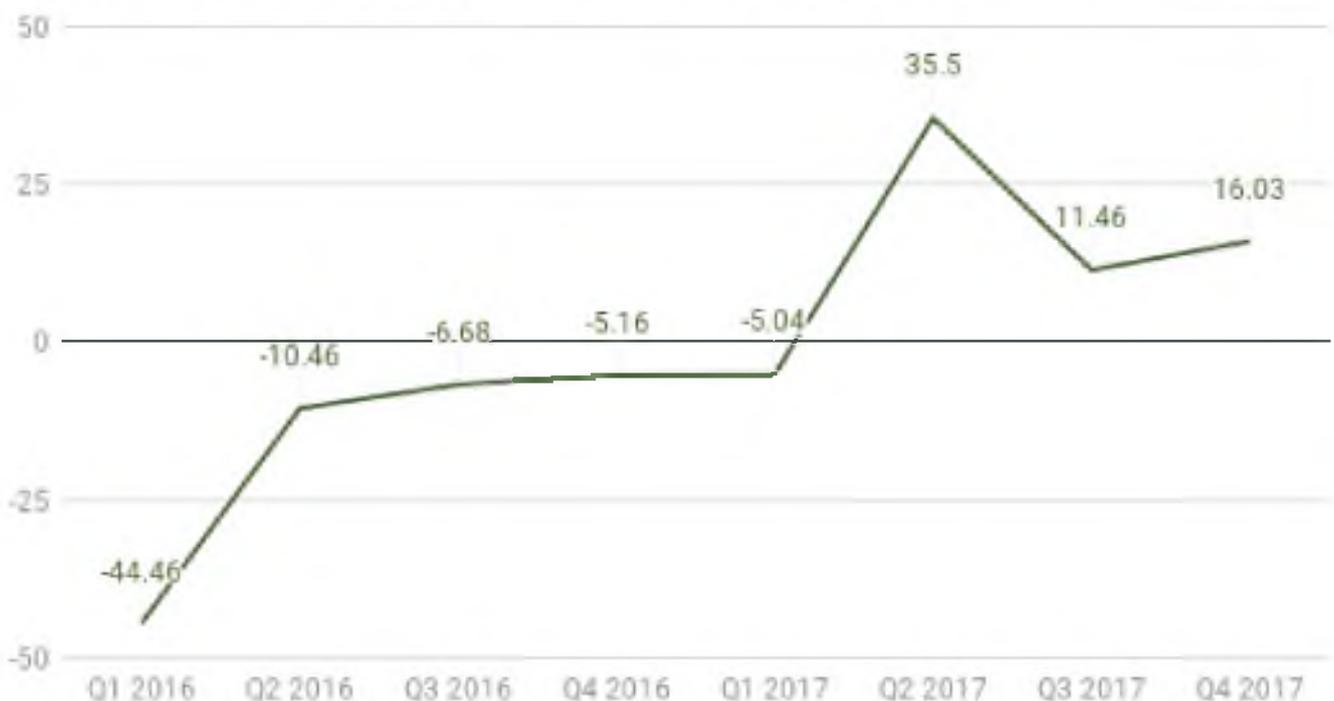
Electricity, Gas ,Steam and Air Conditioning Supply: Q1 2016 – Q4 2017

Electricity, Gas ,Steam And Air Conditioning Supply



Electricity, Gas ,Steam and Air Conditioning Supply sector grew by 16.03% in Q4 2017 from 11.46% in Q3 2017 and -5.16% in Q4 2016.

ELECTRICITY, GAS ,STEAM AND AIR CONDITIONING SUPPLY



GDP REPORT Q4 2017

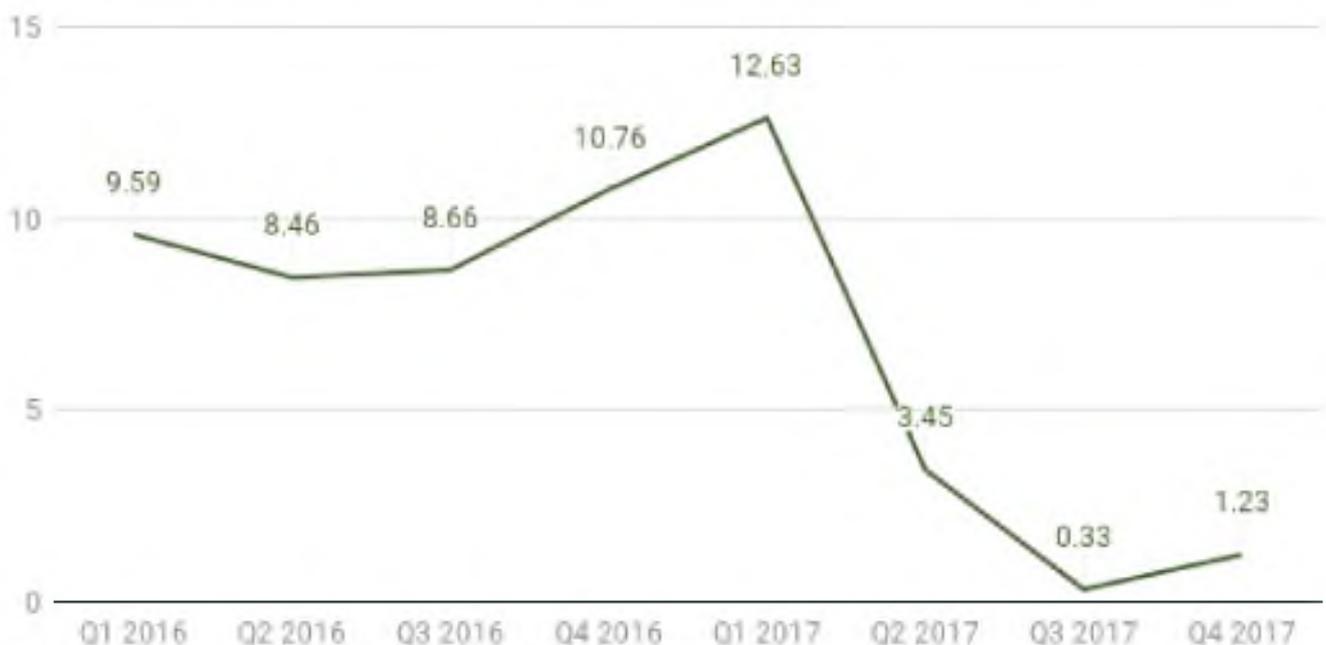
Water Supply, Sewerage, Waste Management And Remediation: Q1 2016 – Q4 2017

Water Supply, Sewerage, Waste Management And Remediation



Water Supply, Sewerage, Waste Management and Remediation sector grew by 1.23% in Q4 2017 from 0.33% in Q3 2017 and 10.76% in Q4 2016.

WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION



GDP REPORT Q4 2017

Construction: Q1 2016 - Q4 2017

Construction



Construction sector grew by 4.14% in Q4 2017 from -0.46% in Q3 2017 and -6.03% in Q4 2016.

CONSTRUCTION



GDP REPORT Q4 2017

Trade: Q1 2016 - Q4 2017

Wholesale and Retail Trade



Trade sector grew by 2.07% in Q4 2017 from -1.74% in Q3 2017 and -1.44% in Q4 2016.



GDP REPORT Q4 2017

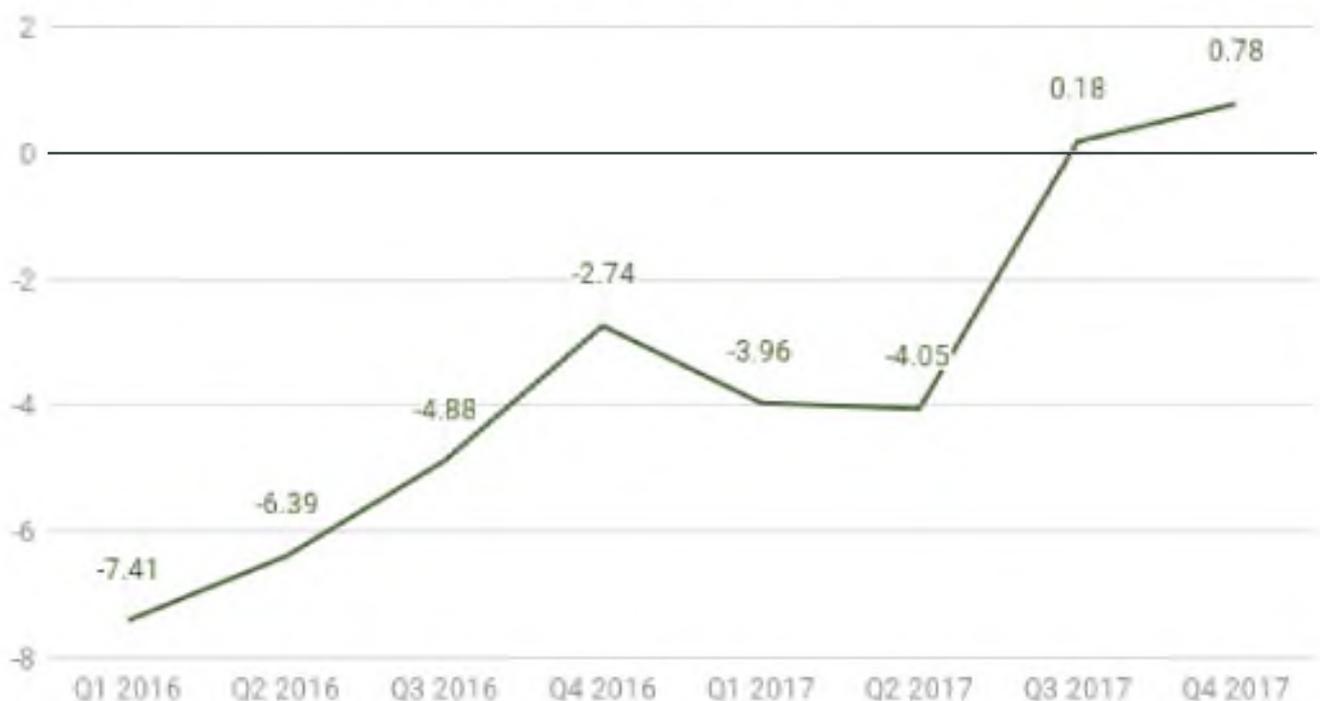
Accommodation and Food Services: Q1 2016 - Q4 2017

Accommodation and Food Services



Accommodation and Food Services sector grew by 0.78% in Q4 2017 from 0.18% in Q3 2017 and -2.74% in Q4 2016.

ACCOMMODATION AND FOOD SERVICES



GDP REPORT Q4 2017

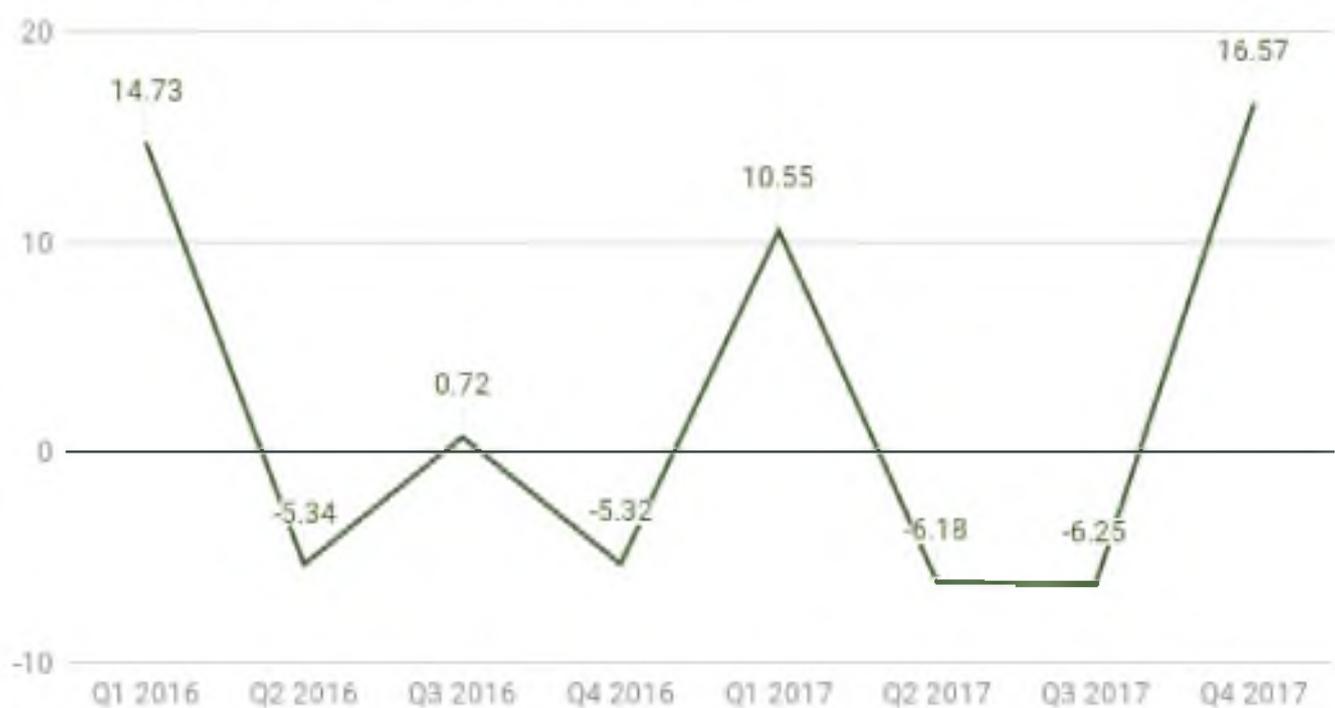
Transportation and Storage: Q1 2016 - Q4 2017

Transportation and Storage sector



Transportation and Storage sector grew by 16.57% in Q4 2017 from -6.25% in Q3 2017 and -5.32% in Q4 2016.

TRANSPORTATION AND STORAGE



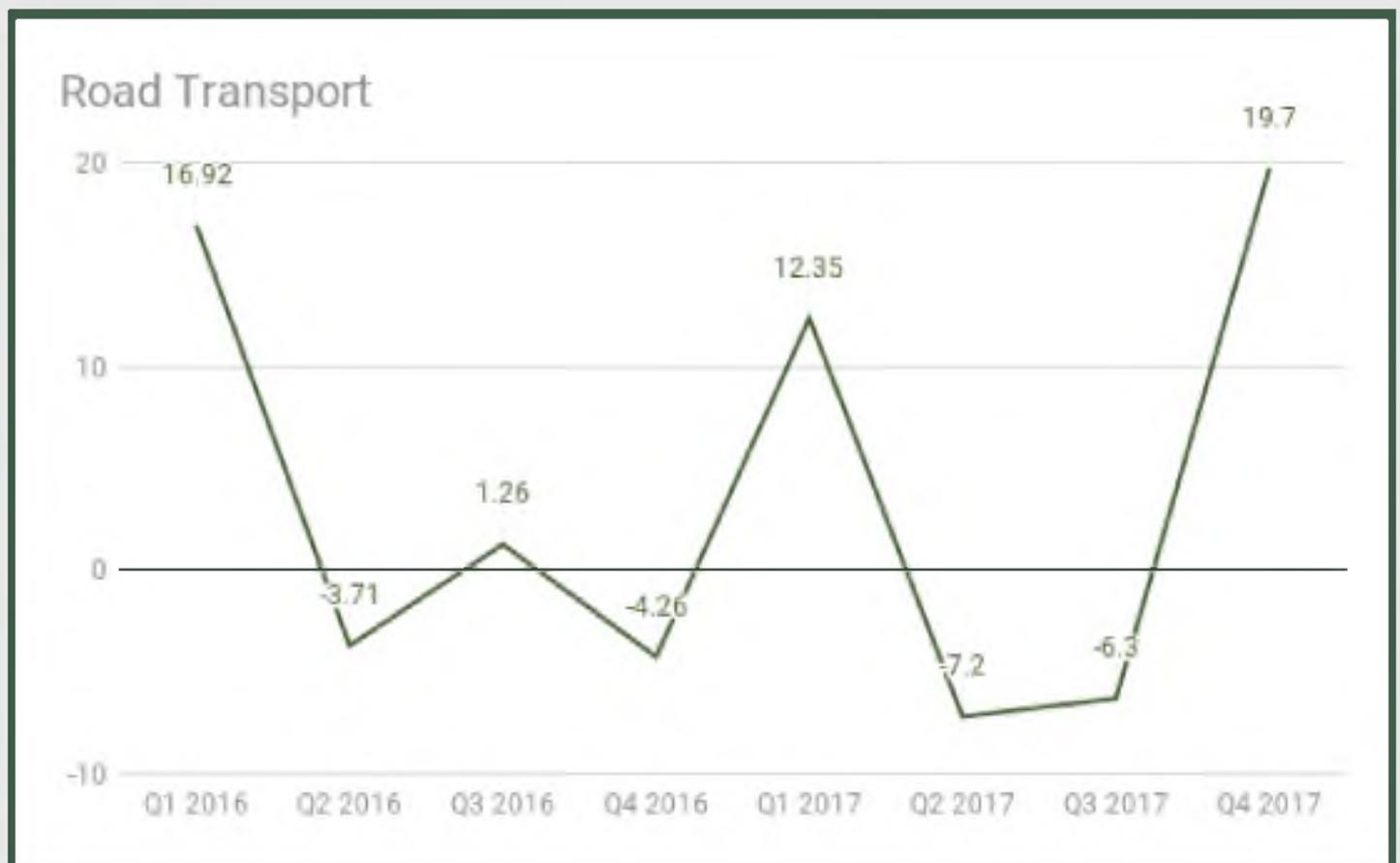
GDP REPORT Q4 2017

Road Transport: Q1 2016 - Q4 2017

Road Transport



Road Transport under Transportation and Storage sector grew by 19.70% in Q4 2017 from -6.30% in Q3 2017 and -4.26% in Q4 2016.



GDP REPORT Q4 2017

Rail Transport & Pipelines: : Q1 2016 - Q4 2017

Rail Transport & Pipelines



Rail Transport and Pipelines under Transportation and Storage sector grew by 1.04% in Q4 2017 from 0.45% in Q3 2017 and 0.3% in Q4 2016.

Rail Transport & Pipelines



GDP REPORT Q4 2017

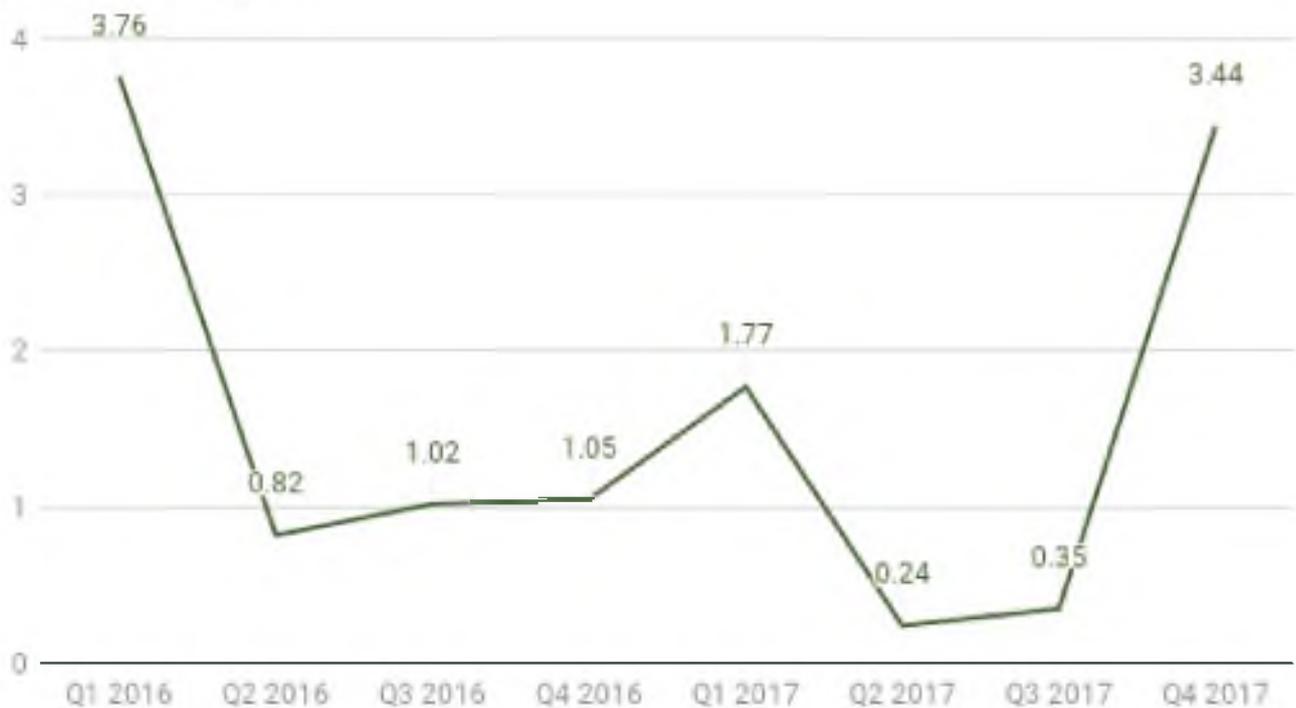
Water Transport: Q1 2016 - Q4 2017

Water Transport



Water Transport under Transportation and Storage sector grew by 3.44% in Q4 2017 from 0.35% in Q3 2017 and 1.05% in Q4 2016.

Water Transport



GDP REPORT Q4 2017

Air Transport: Q1 2016 - Q4 2017

Air Transport



Air Transport under Transportation and Storage sector grew by 4.71% in Q4 2017 from 0.48% in Q3 2017 and -13.25% in Q4 2016.

Air Transport



GDP REPORT Q4 2017

Transport Services: Q1 2016 - Q4 2017

Transport Services



Transport Services under Transportation and Storage sector grew by 2.75% in Q4 2017 from 0.24% in Q3 2017 and -2.63% in Q4 2016.

Transport Services



GDP REPORT Q4 2017

Information and Communication: Q1 2016 - Q4 2017

Information and Communication sector



Information and Communication sector contracted by -1.46% in Q4 2017 from -4.48% in Q3 2017 and 1.38% in Q4 2016.

INFORMATION AND COMMUNICATION



GDP REPORT Q4 2017

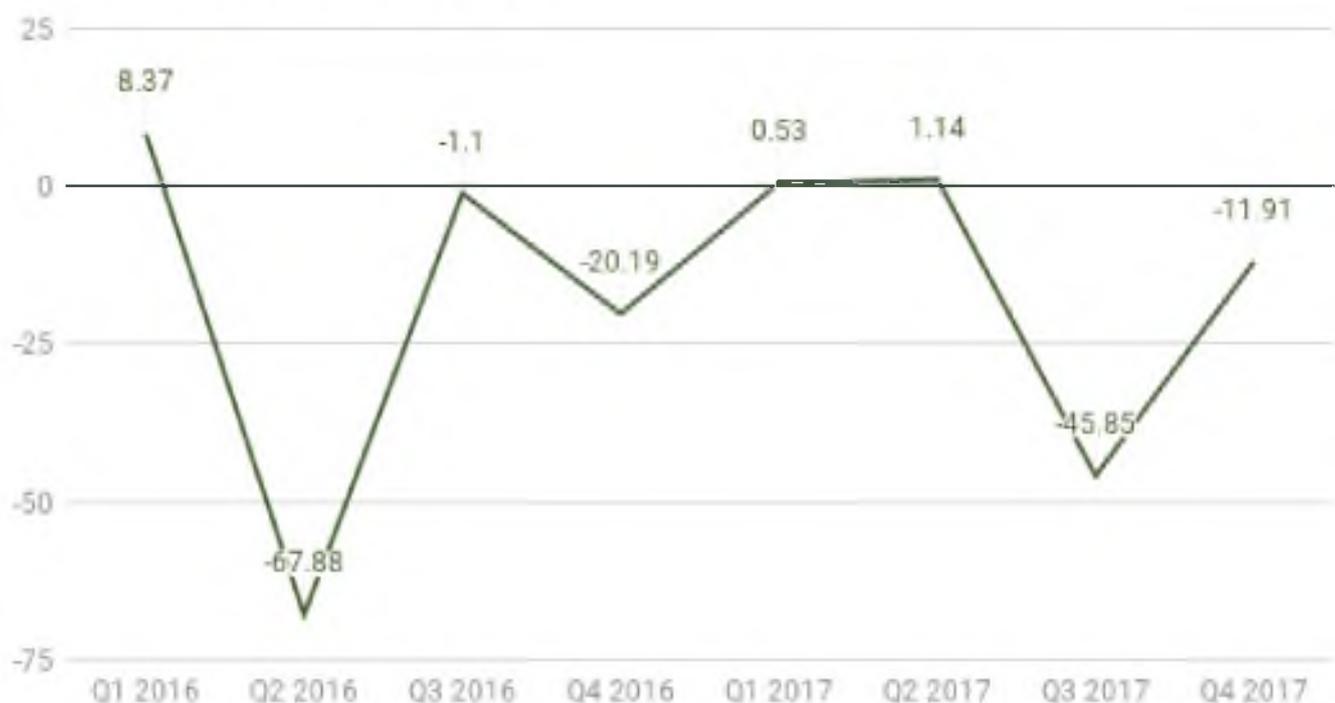
Post and Courier Services: Q1 2016 - Q4 2017

Post and Courier Services



Post and Courier Services under Transportation and Storage sector contracted by -11.91% in Q4 2017 from -45.85% in Q3 2017 and -20.19% in Q4 2016.

Post and Courier Services



GDP REPORT Q4 2017

Telecommunications: Q1 2016 - Q4 2017

Telecommunications



Telecommunications & Information Services under Information and Communication sector contracted by -3.28% in Q4 2017 from -5.68% in Q3 2017 and 1.03% in Q4 2016 Q3

Telecommunications & Information Services



GDP REPORT Q4 2017

Publishing: Q1 2016 - Q4 2017

Publishing



Publishing under Information and Communication sector grew by 3.16% in Q4 2017 from 2.12% in Q3 2017 and 0.46% in Q4 2016.

Publishing



GDP REPORT Q4 2017

Motion Pictures, Sound recording and Music production: Q1 2016 – Q4 2017

Motion Pictures, Sound recording and Music production



Motion Pictures, Sound recording and Music production under Information and Communication sector grew by 1.02% in Q4 2017 from -2.33% in Q3 2017 and -1.08% in Q4 2016.

Motion Pictures, Sound recording and Music production



GDP REPORT Q4 2017

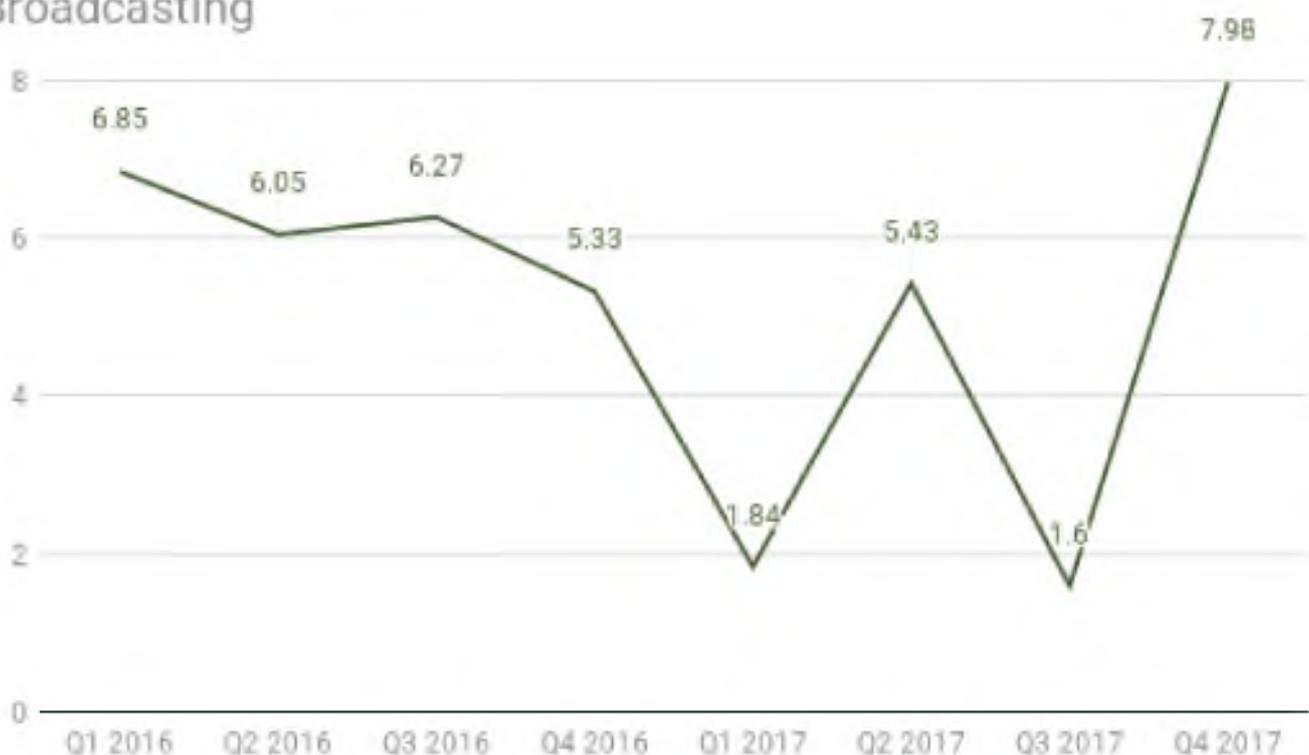
Broadcasting: Q1 2016 - Q4 2017

Broadcasting



Broadcasting under Information and Communication sector grew by 7.98% in Q4 2017 from 1.60% in Q3 2017 and 5.33% in Q4 2016.

Broadcasting



GDP REPORT Q4 2017

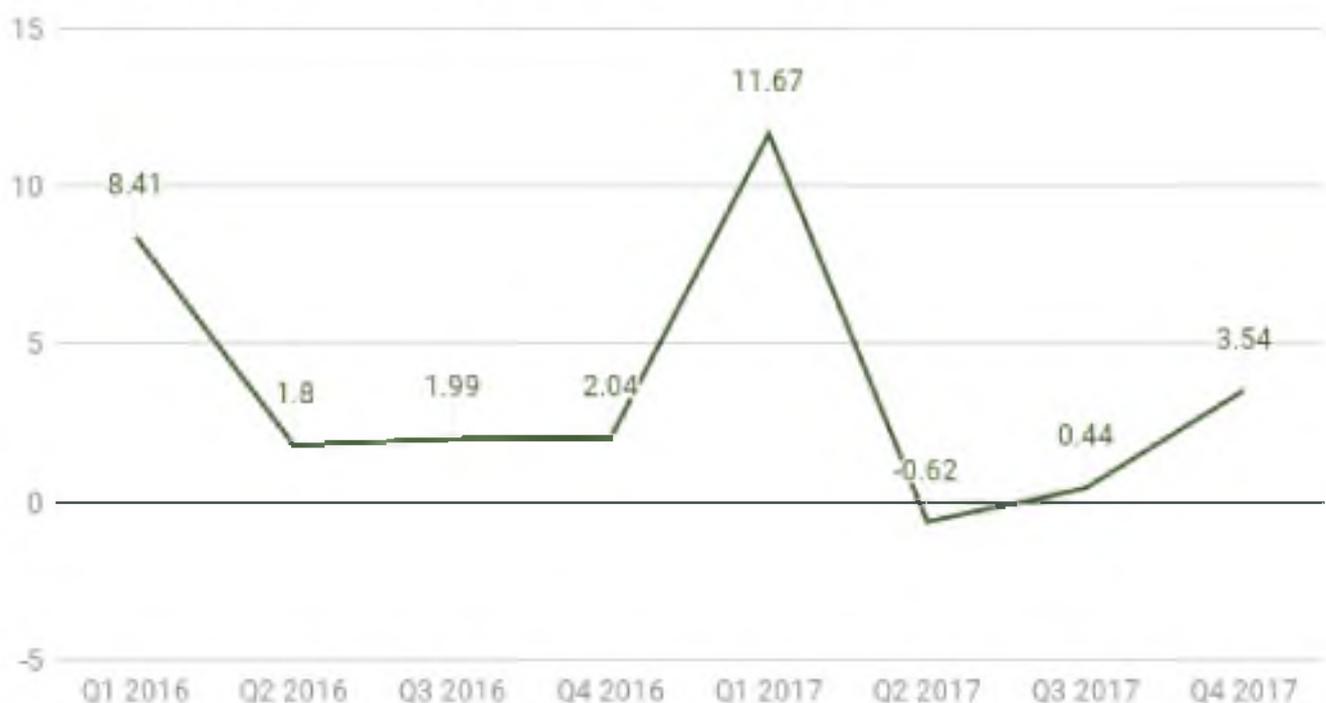
Arts, Entertainment and Recreation: Q1 2016 - Q4 2017

Arts, Entertainment and Recreation



Arts, Entertainment and Recreation sector grew by 3.54% in Q4 2017 from 0.44% in Q3 2017 and 2.04% in Q4 2016.

ARTS, ENTERTAINMENT AND RECREATION



GDP REPORT Q4 2017

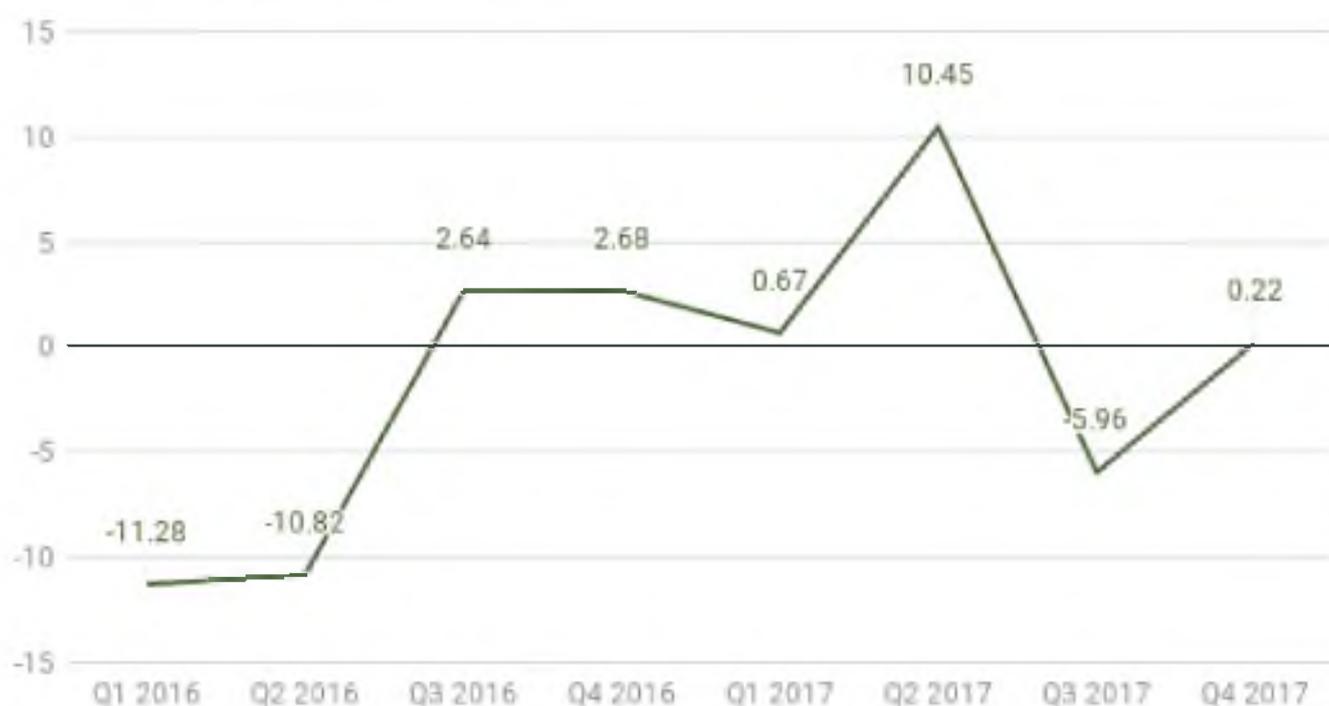
Financial and Insurance: Q1 2016 - Q4 2017

Financial and Insurance Sector



Financial and Insurance sector grew by 0.22% in Q4 2017 from -5.96% in Q3 2017 and 2.68% in Q4 2016.

FINANCIAL AND INSURANCE



GDP REPORT Q4 2017

Financial Institutions: Q1 2016 - Q4 2017

Financial Institutions



Financial Institutions under Finance and Insurance sector grew by 2.61% in Q4 2017 from -6.54% in Q3 2017 and 2.92% in Q4 2016.

Financial Institutions



GDP REPORT Q4 2017

Insurance: Q1 2016 - Q4 2017

Insurance



Insurance under Finance and Insurance sector contracted by -15.71% in Q4 2017 from -1.86% in Q3 2017 and 1.09% in Q4 2016.



GDP REPORT Q4 2017

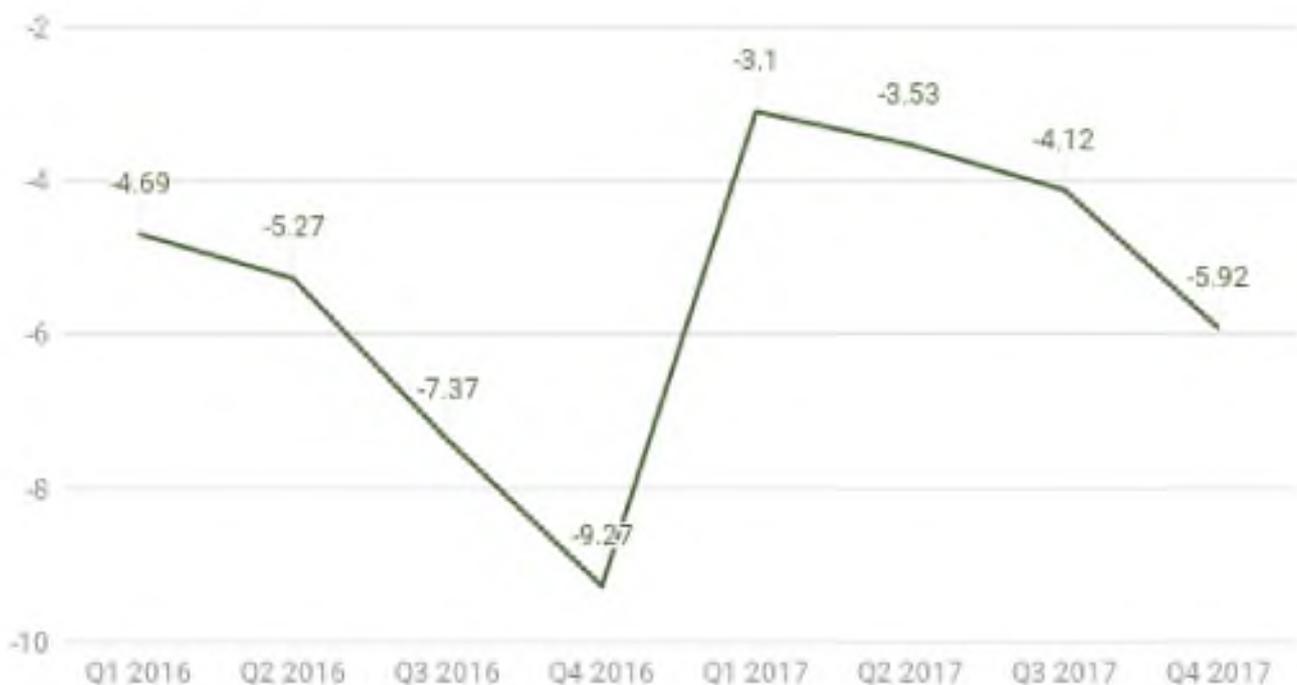
Real Estate: Q1 2016 - Q4 2017

Real Estate



Real Estate sector contracted by -5.92% in Q4 2017 from -4.12% in Q3 2017 and -9.27% in Q4 2016.

REAL ESTATE



GDP REPORT Q4 2017

Professional, Scientific and Technical Services: Q1 2016 – Q4 2017

Professional, Scientific and Technical Services



Professional, Scientific and Technical Services sector grew by 0.64% in Q4 2017 from -1.38% in Q3 2017 and 1.45% in Q4 2016.

PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES



GDP REPORT Q4 2017

Administrative & Support Services: Q1 2016 – Q4 2017

Administrative & Support Services



Administrative & Support Services sector grew by 2.16% in Q4 2017 from 0.68% in Q3 2017 and 2.07% in Q4 2016.

ADMINISTRATIVE & SUPPORT SERVICES



GDP REPORT Q4 2017

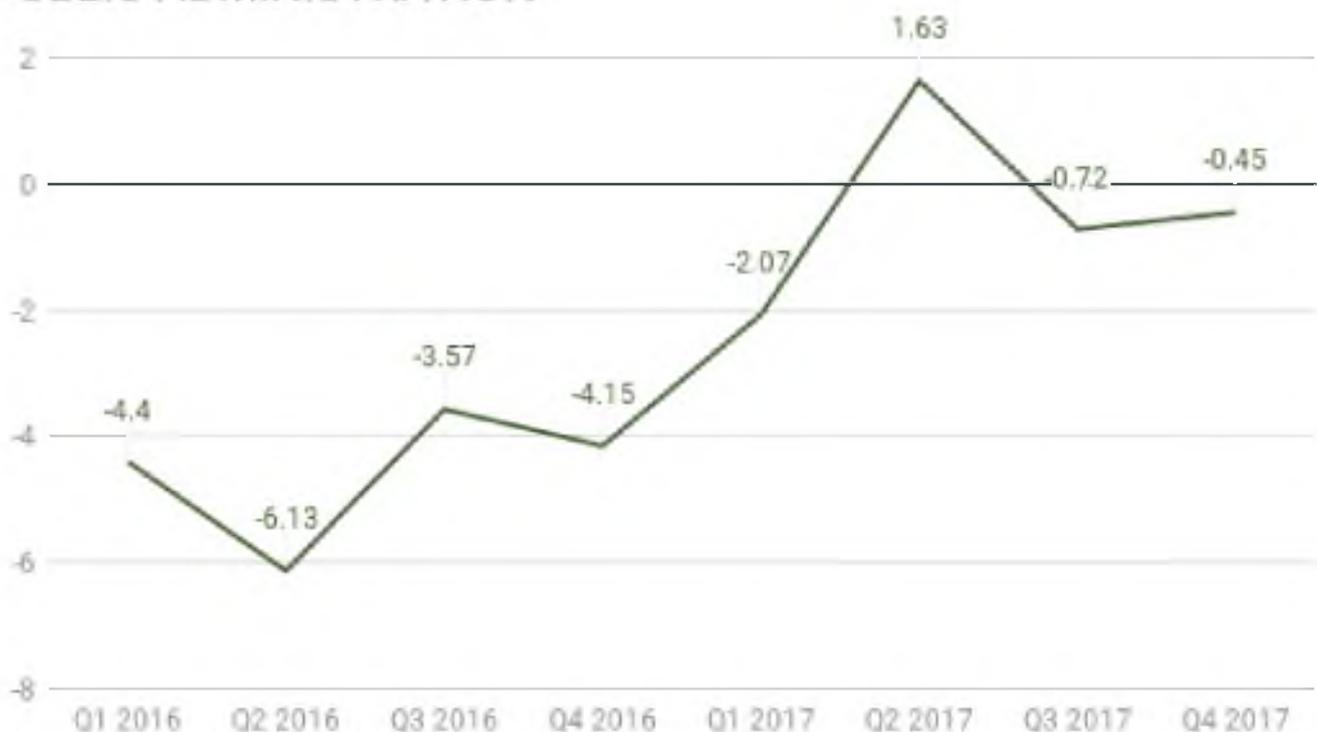
Public Administration: Q1 2016 - Q4 2017

Public Administration



Public Administration sector contracted by -0.45% in Q4 2017 from -0.72% in Q3 2017 and -4.15% in Q4 2016.

PUBLIC ADMINISTRATION



GDP REPORT Q4 2017

Education: Q1 2016 - Q4 2017

Education



Education sector contracted by -1.04% in Q4 2017 from -1.22% in Q3 2017 and -0.09% in Q4 2016.



GDP REPORT Q4 2017

Human Health and Social Services: Q1 2016 - Q4 2017

Human Health and Social Services



Human Health and Social Services sector contracted by -0.38% in Q4 2017 from -0.85% in Q3 2017 and -2.49% in Q4 2016

HUMAN HEALTH AND SOCIAL SERVICES



GDP REPORT Q4 2017

Other Services: Q1 2016 - Q4 2017

Other Services



Other Services sector grew by 3.46% in Q4 2017 from 1.72% in Q3 2017 and 3.07% in Q4 2016.

OTHER SERVICES



GDP REPORT Q4 2017

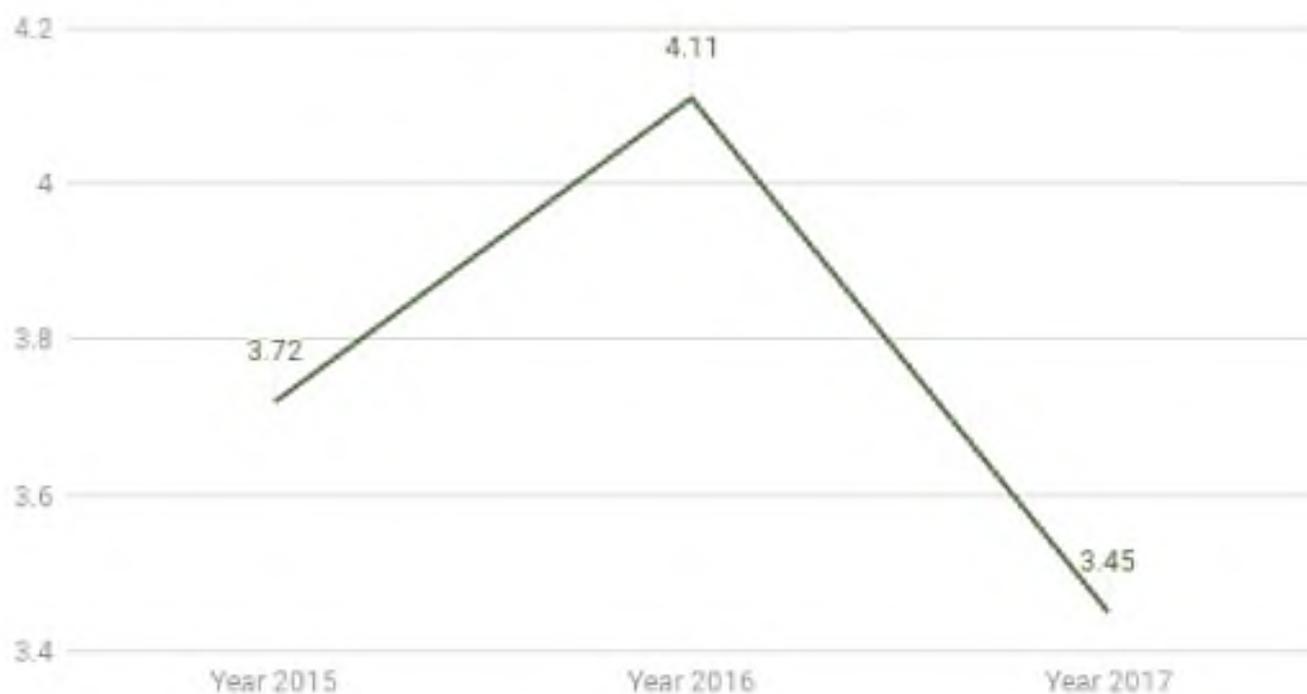
Agriculture: Year 2015 - Year 2017

Agriculture sector



Agriculture sector grew by 3.45% in full year 2017 from 4.11% in 2016 and 3.72% in 2015.

AGRICULTURE



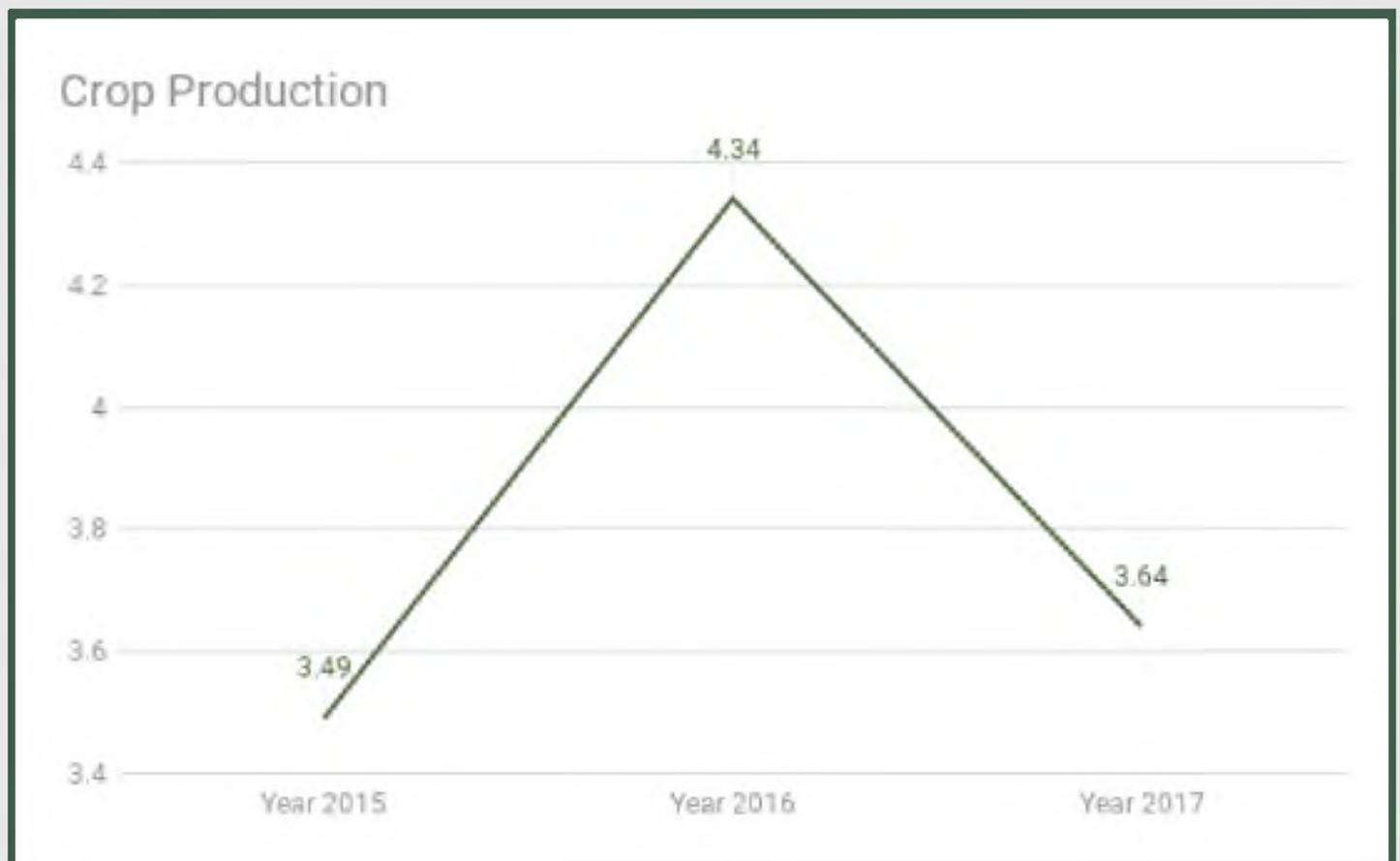
GDP REPORT Q4 2017

Crop Production: Year 2015 – Year 2017

Crop Production



Crop Production under agriculture sector grew by 3.64% in full year 2017 from 4.34% in 2016 and 3.49% in 2015.



GDP REPORT Q4 2017

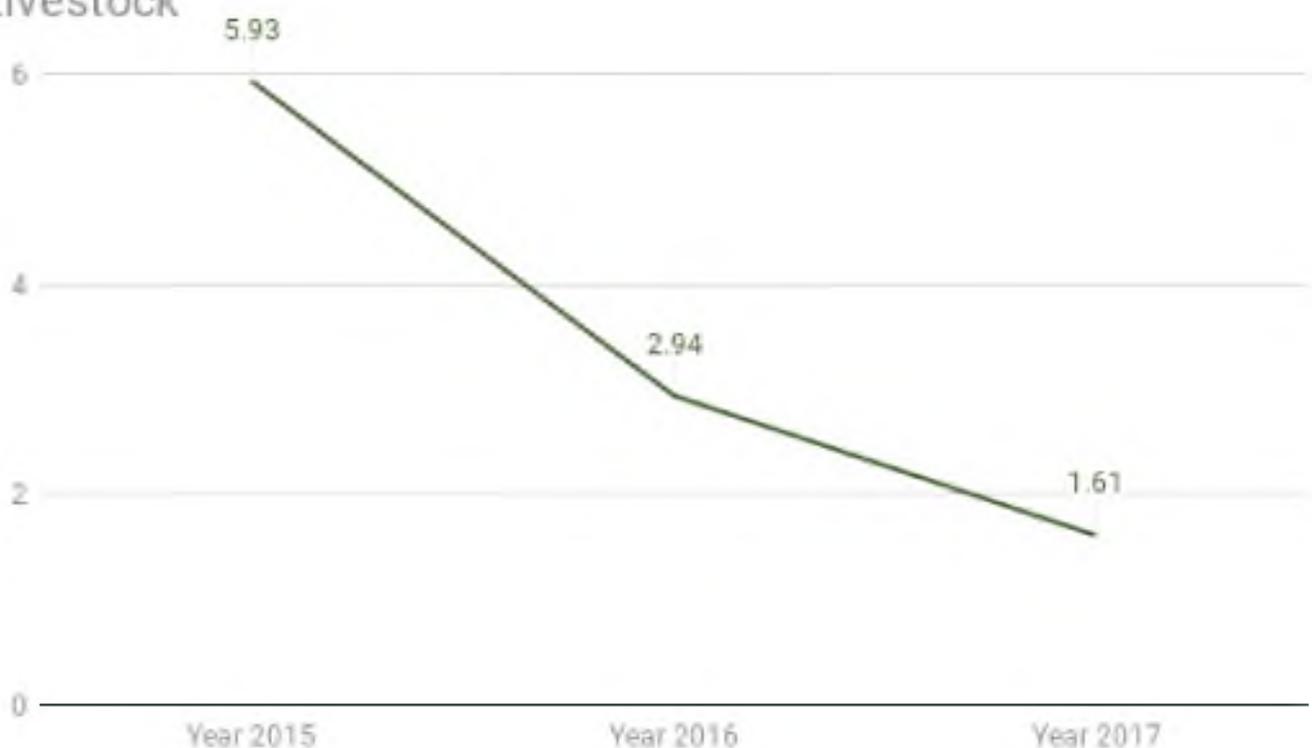
Livestock: Year 2015 – Year 2017

Livestock



Livestock under agriculture sector grew by 1.61% in full year 2017 from 2.94% in 2016 and 5.93% in 2015.

Livestock



GDP REPORT Q4 2017

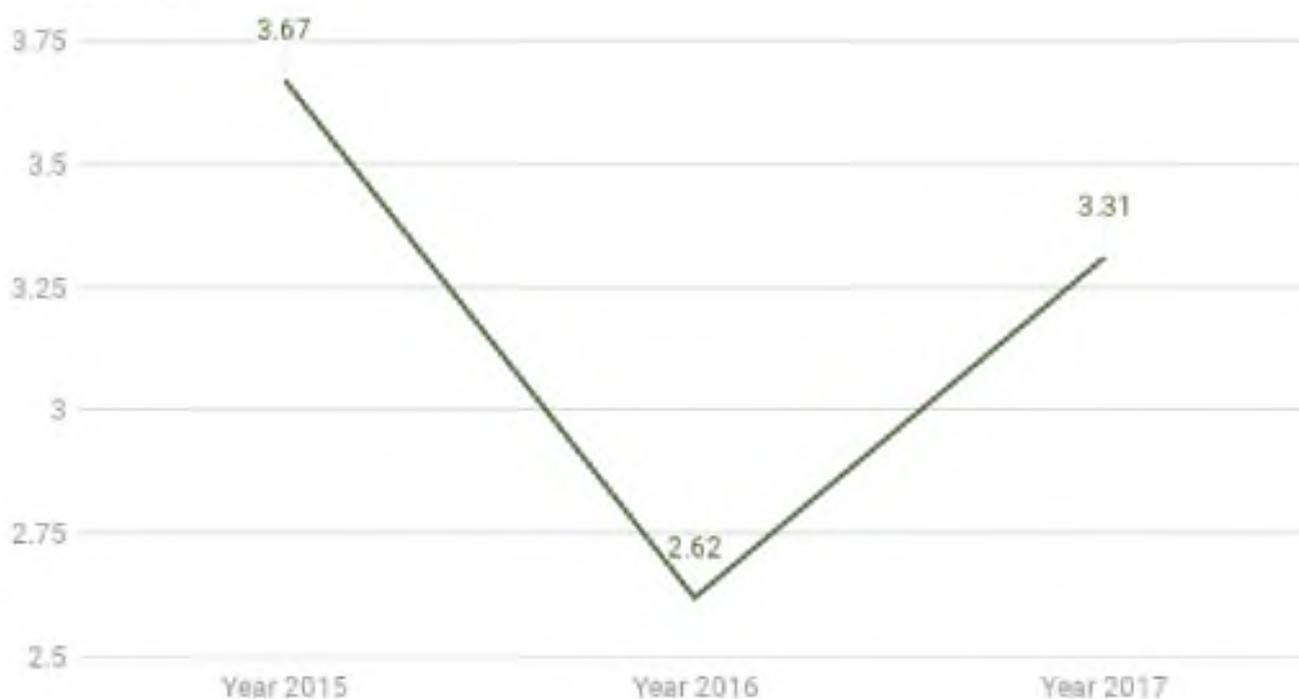
Forestry: Year 2015 – Year 2017

Forestry



Forestry under agriculture sector grew by 3.31% in full year 2017 from 2.62% in 2016 and 3.67% in 2015.

Forestry



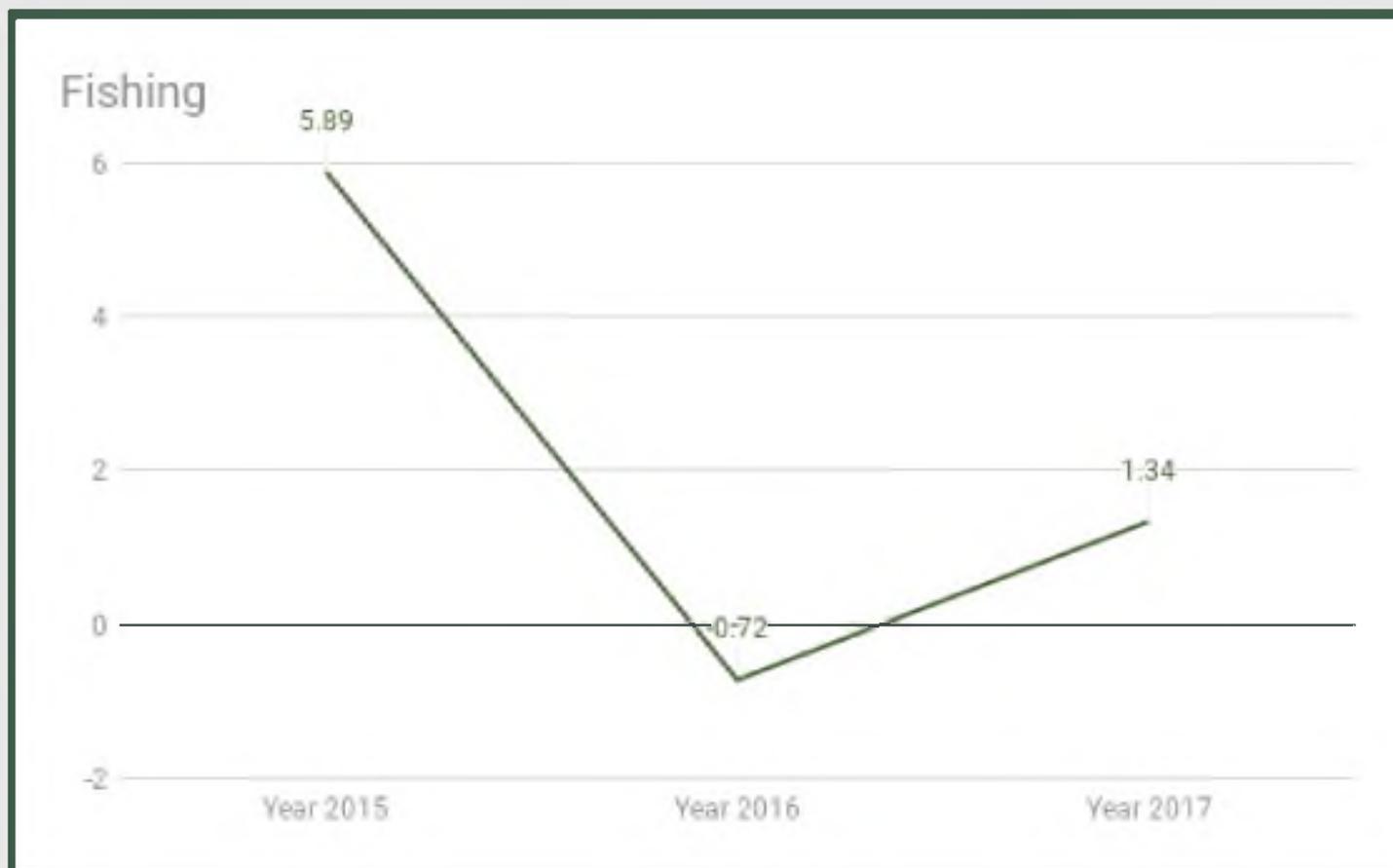
GDP REPORT Q4 2017

Fishing: Year 2015 - Year 2017

Fishing



Fishing under agriculture sector grew by 1.34% in full year 2017 from -0.72% in 2016 and 5.89% in 2015.



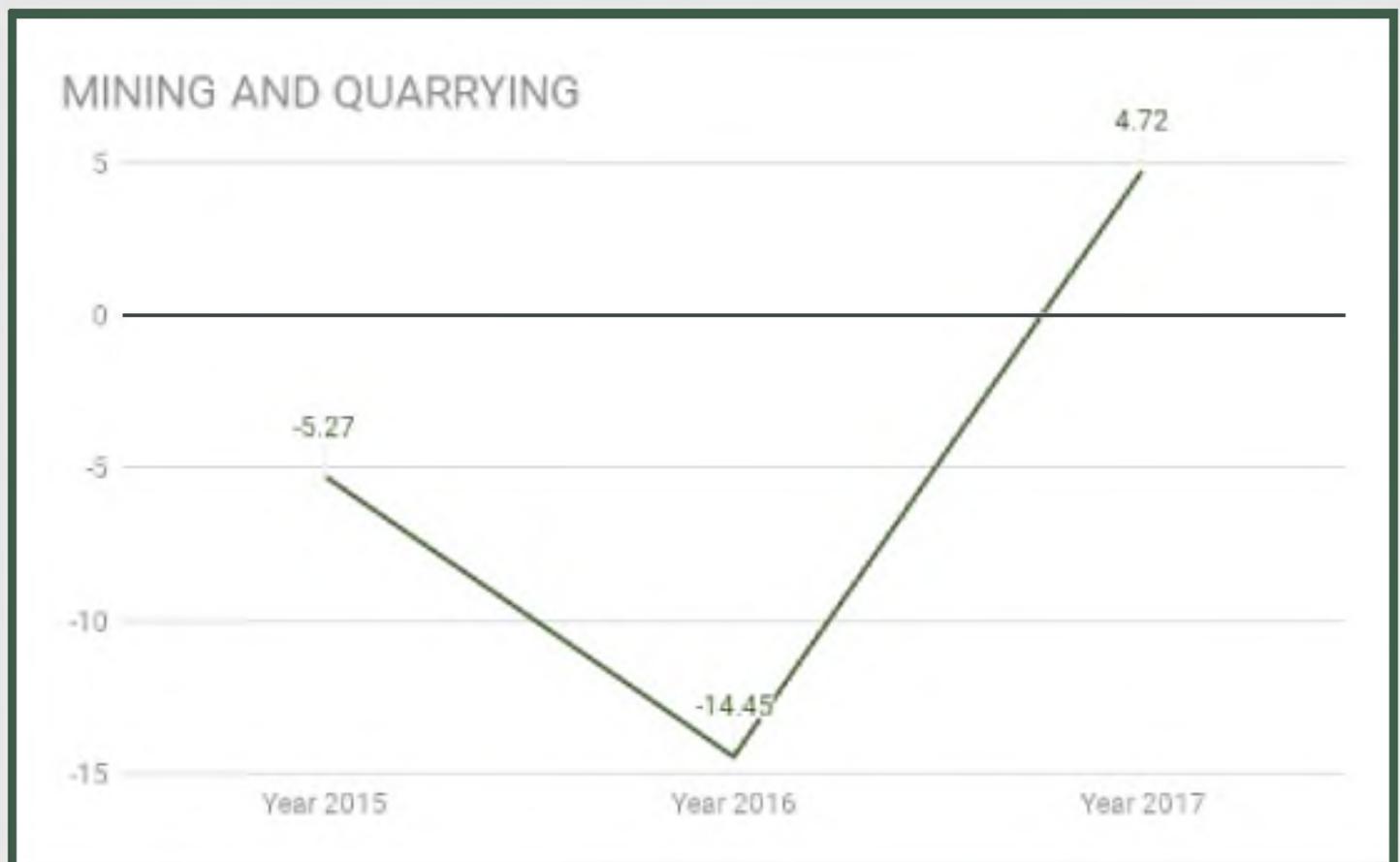
GDP REPORT Q4 2017

Mining and Quarrying: Year 2015 - Year 2017

Mining and Quarrying sector



Mining and Quarrying sector grew by 4.72% in full year 2017 from -14.45% in 2016 and -5.27% in 2015.



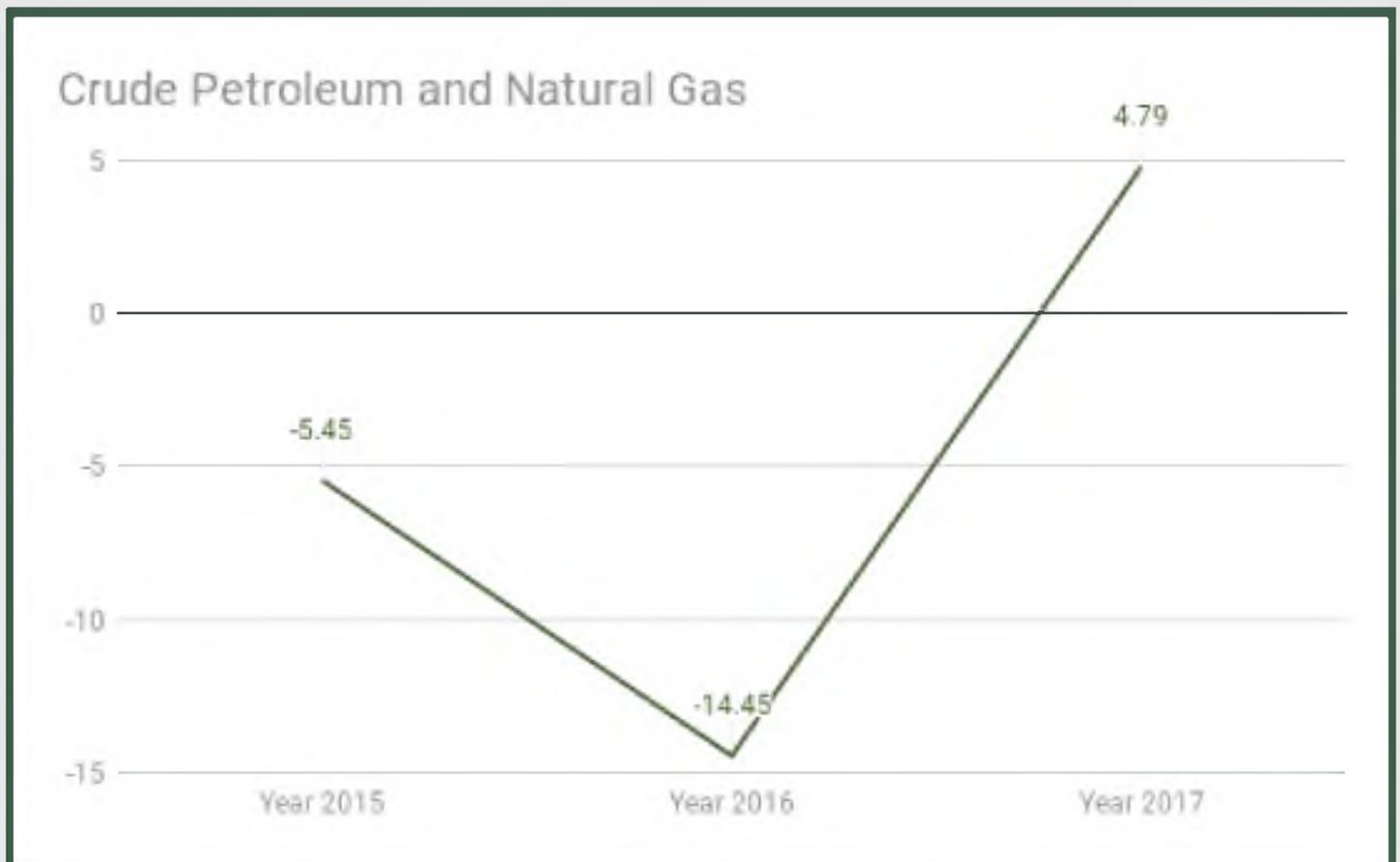
GDP REPORT Q4 2017

Crude Petroleum and Natural Gas: Year 2015 – Year 2017

Crude Petroleum



Crude Petroleum and Natural Gas under Mining And Quarrying sector grew by 4.79% in full year 2017 from -14.45% in 2016 and -5.45% in 2015.



GDP REPORT Q4 2017

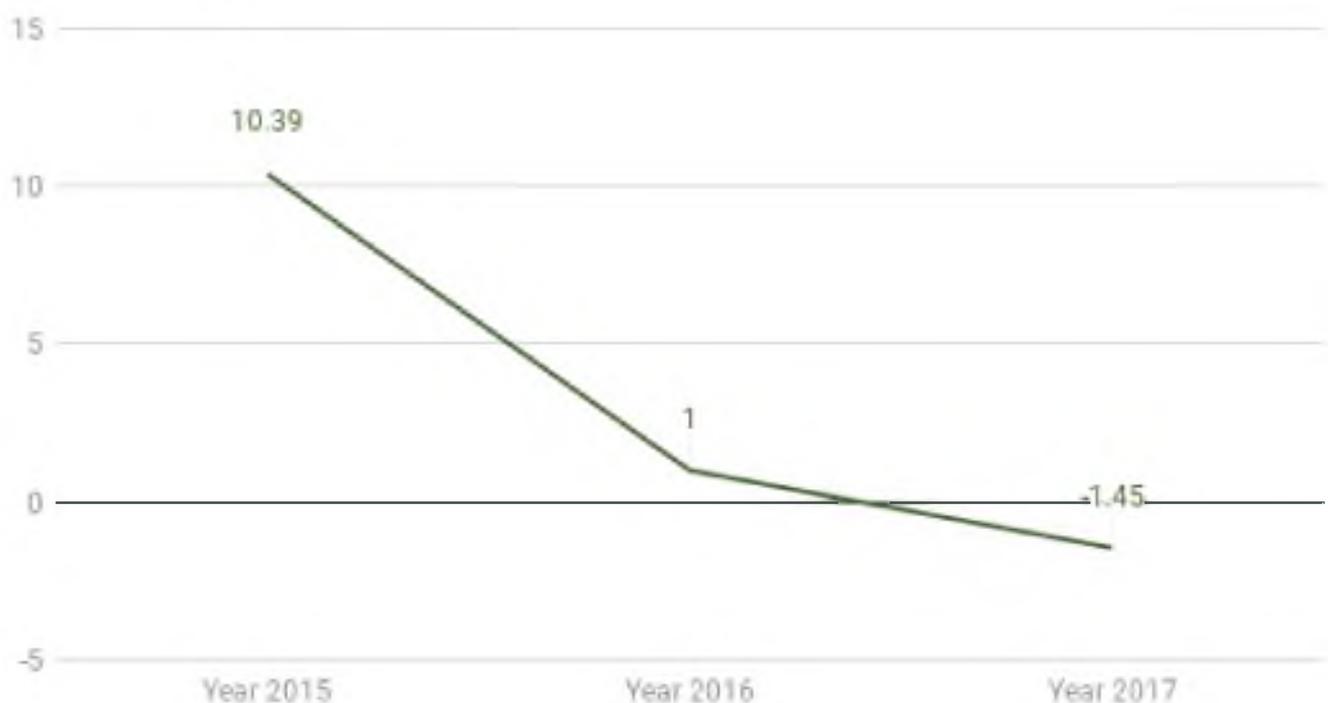
Coal Mining: Year 2015 - Year 2017

Coal Mining



Coal Mining under Mining And Quarrying sector contracted by -1.45% in full year 2017 from 1% in 2016 and 10.39% in 2015.

Coal Mining



GDP REPORT Q4 2017

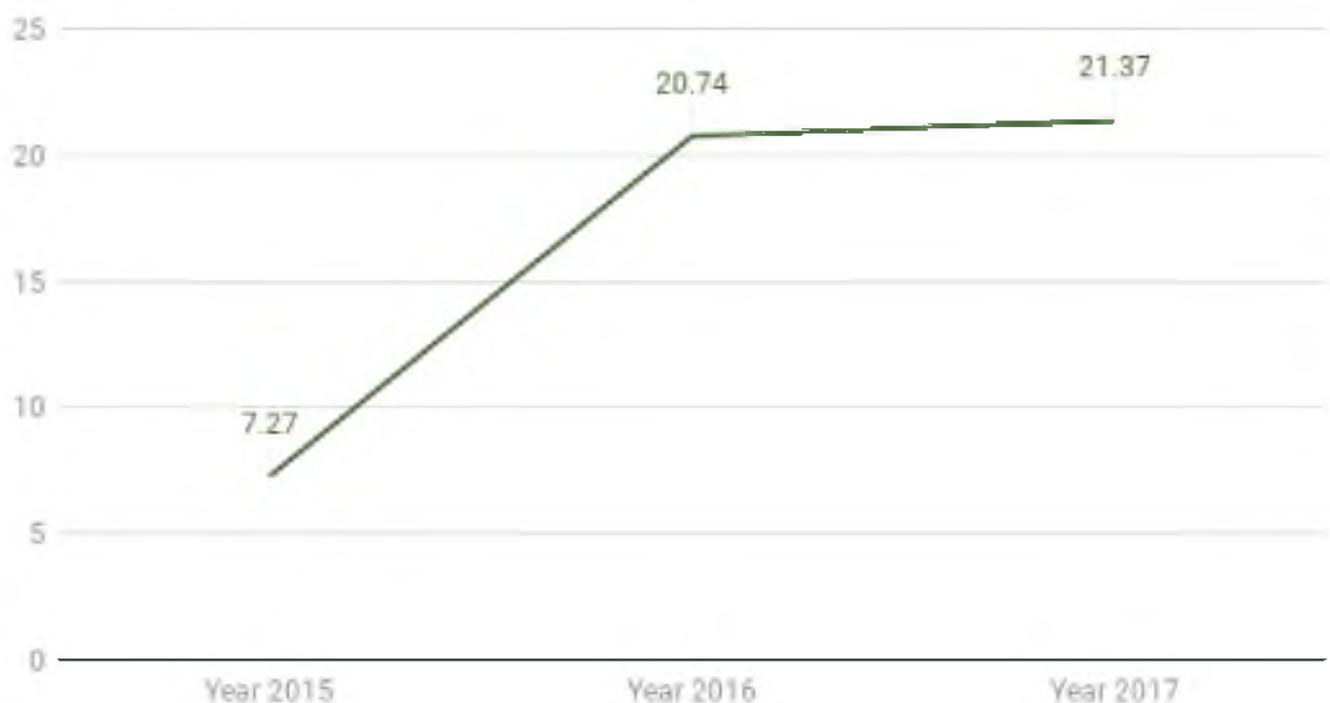
Metal Ores: Year 2015 – Year 2017

Metal Ores



Metal Ores under Mining And Quarrying sector grew by 21.37% in full year 2017 from 20.74% in 2016 and 7.27% in 2015.

Metal Ores



GDP REPORT Q4 2017

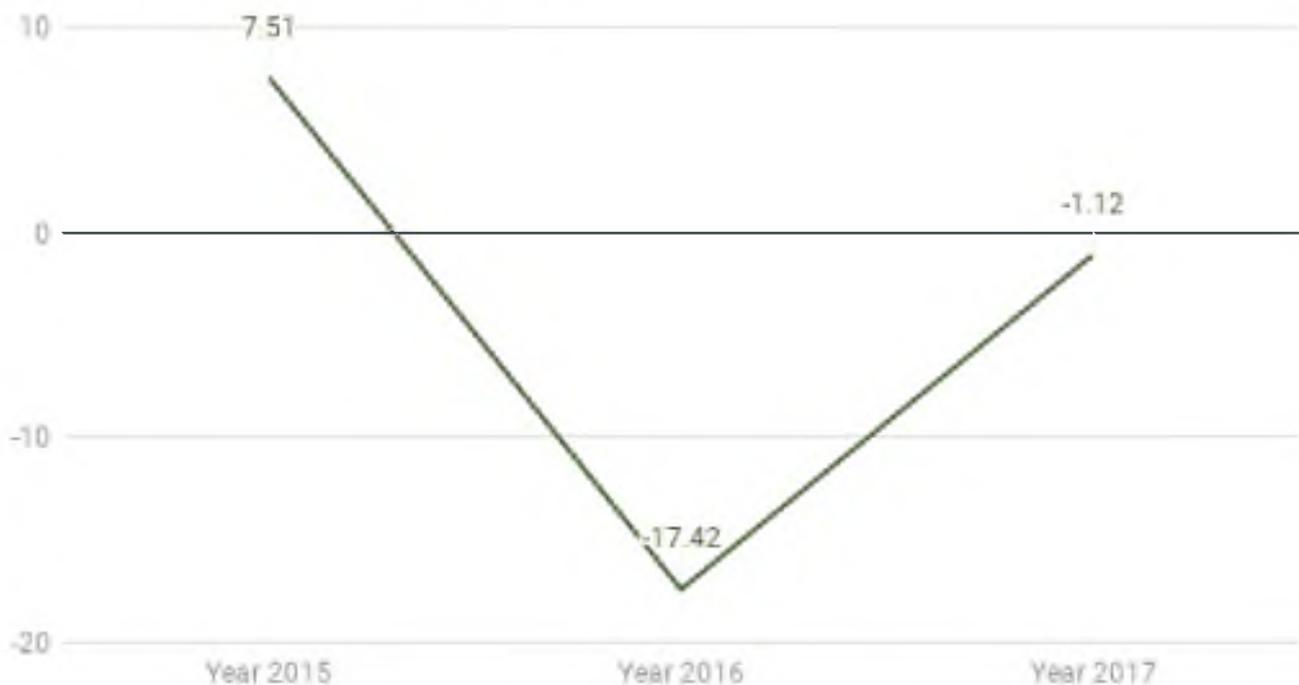
Quarrying and Other Minerals: Year 2015 - Year 2017

Quarrying and Other Minerals



Quarrying and Other Minerals under Mining And Quarrying sector contracted by -1.12% in full year 2017 from -17.42% in 2016 and 7.51% in 2015.

Quarrying and Other Minerals



GDP REPORT Q4 2017

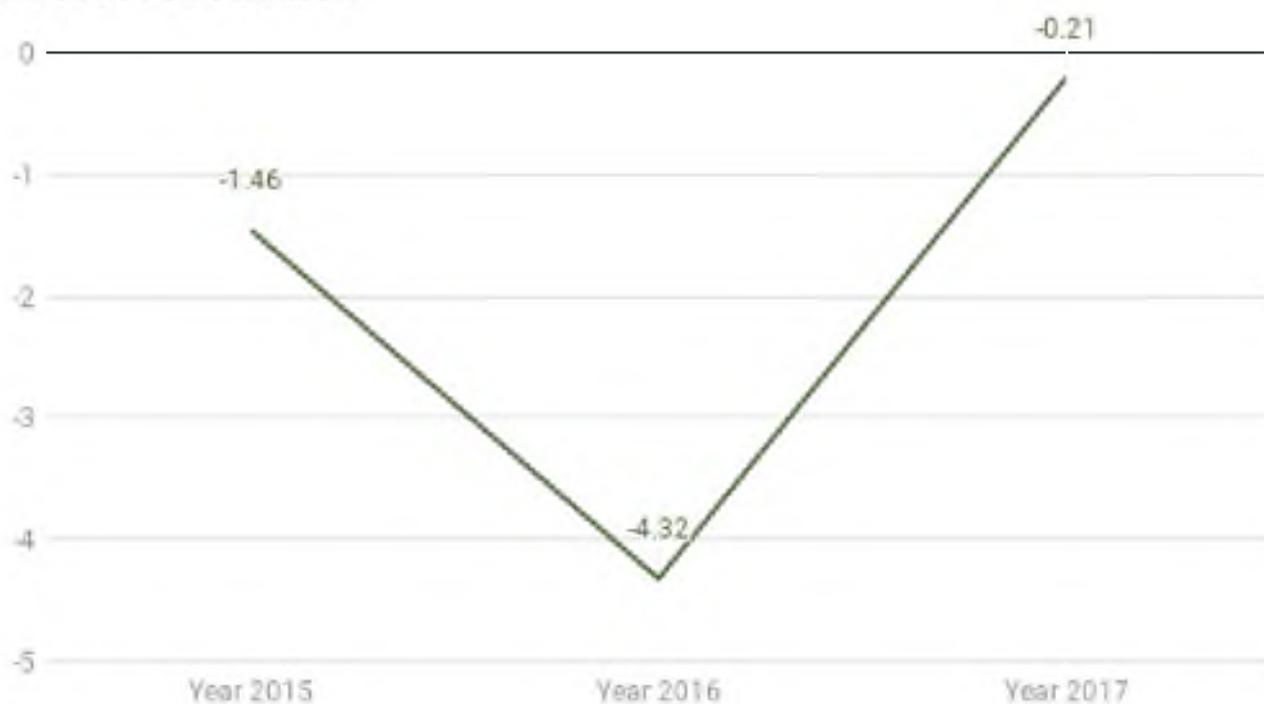
Manufacturing: Year 2015 - Year 2017

Manufacturing sector



Manufacturing sector contracted by -0.21% in full year 2017 from -4.32% in 2016 and -1.46% in 2015.

MANUFACTURING



GDP REPORT Q4 2017

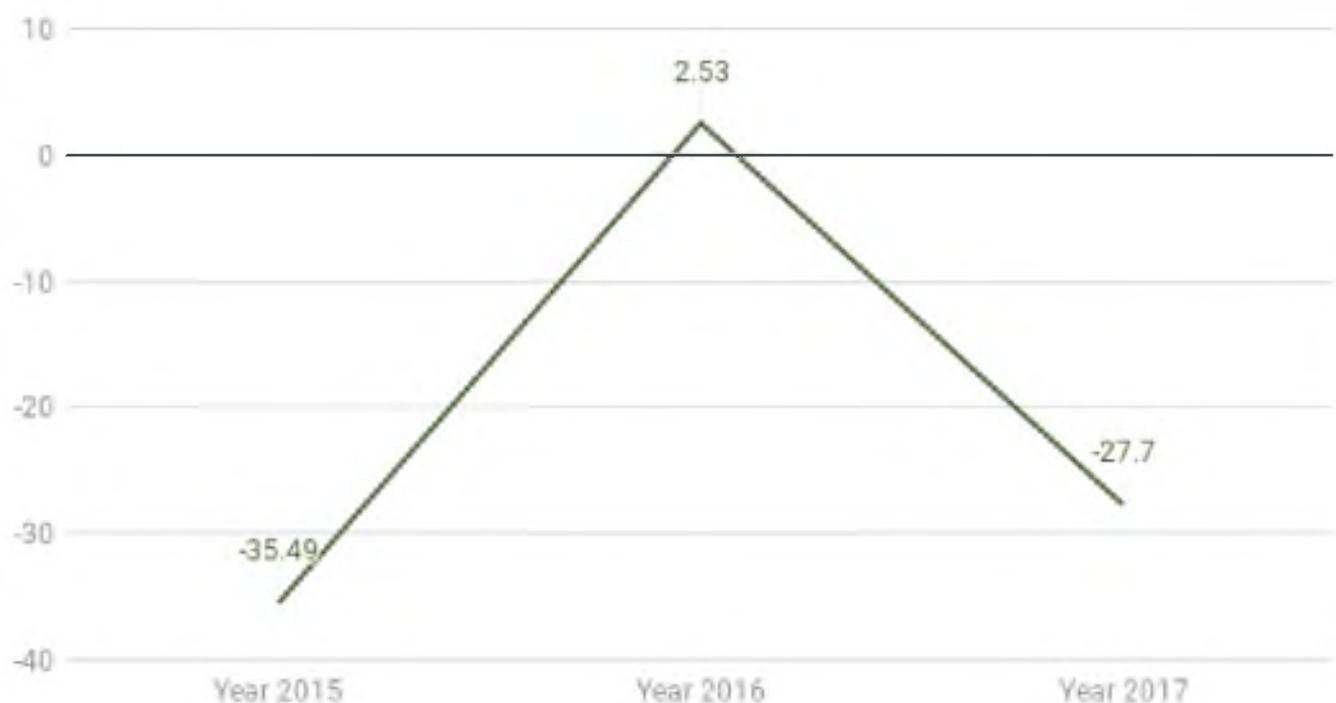
Oil Refining: Year 2015 - Year 2017

Oil Refining



Oil Refining under manufacturing sector contracted by -27.7% in full year 2017 from 2.53% in 2016 and -35.49% in 2015.

Oil Refining



GDP REPORT Q4 2017

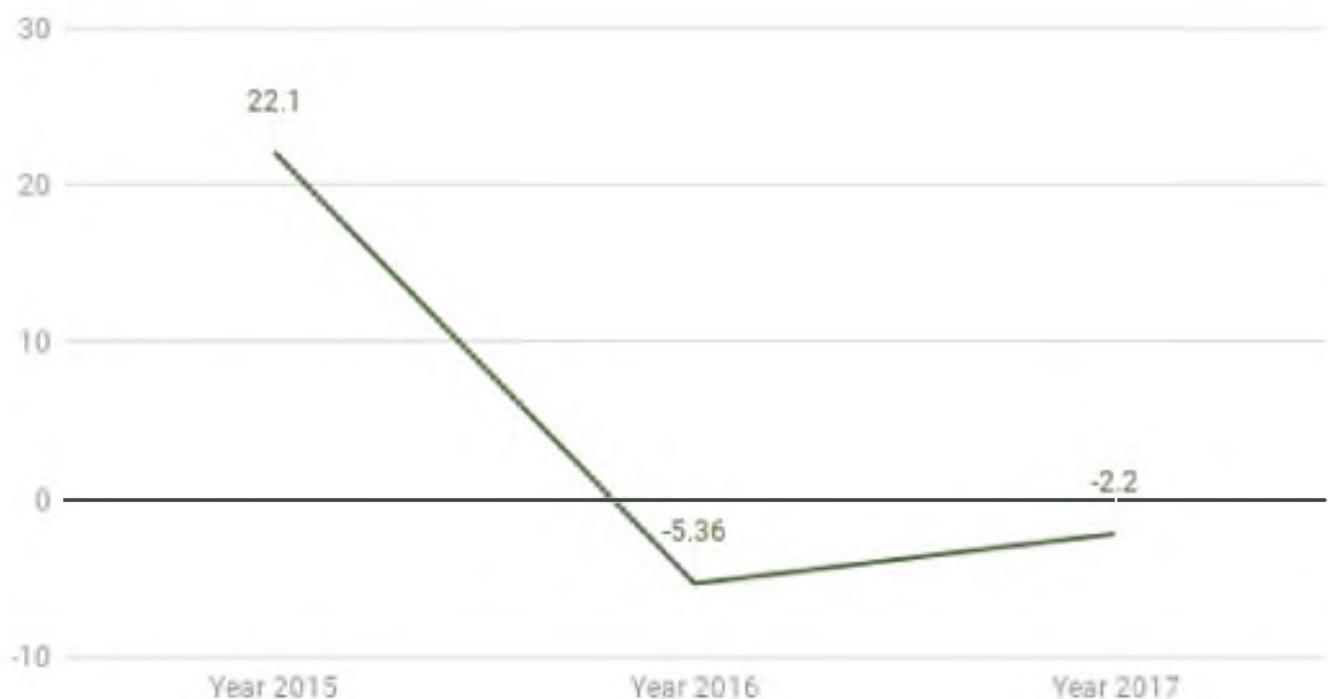
Cement: Year 2015 – Year 2017

Cement



Cement under manufacturing sector contracted by -2.2% in full year 2017 from -5.36% in 2016 and 22.1% in 2015.

Cement



GDP REPORT Q4 2017

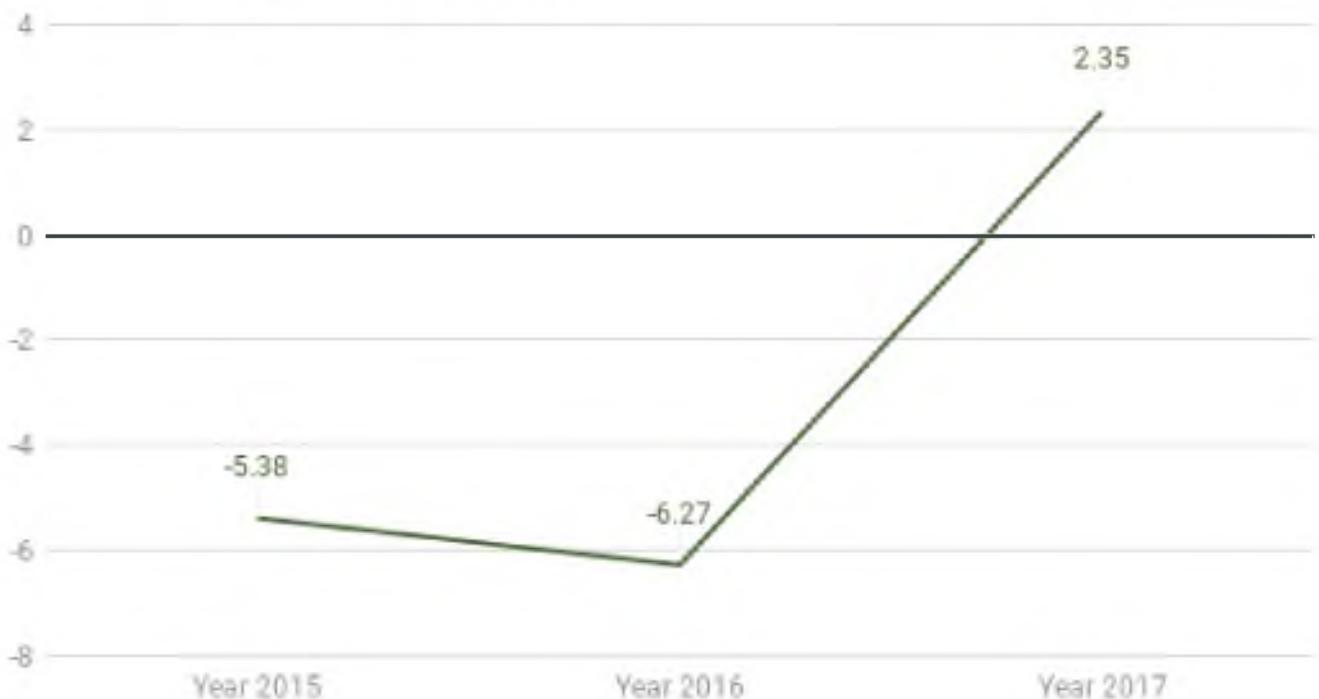
Food, Beverage and Tobacco: Year 2015 – Year 2017

Food, Beverage and Tobacco



Food, Beverage and Tobacco under manufacturing sector grew by 2.35% in full year 2017 from -6.27% in 2016 and -5.38% in 2015.

Food, Beverage and Tobacco



GDP REPORT Q4 2017

Textile, Apparel and Footwear: Year 2015 - Year 2017

Textile, Apparel and Footwear



Textile, Apparel and Footwear under manufacturing sector grew by 0.82% in full year 2017 from -1.09% in 2016 and -1.07% in 2015.

Textile, Apparel and Footwear



GDP REPORT Q4 2017

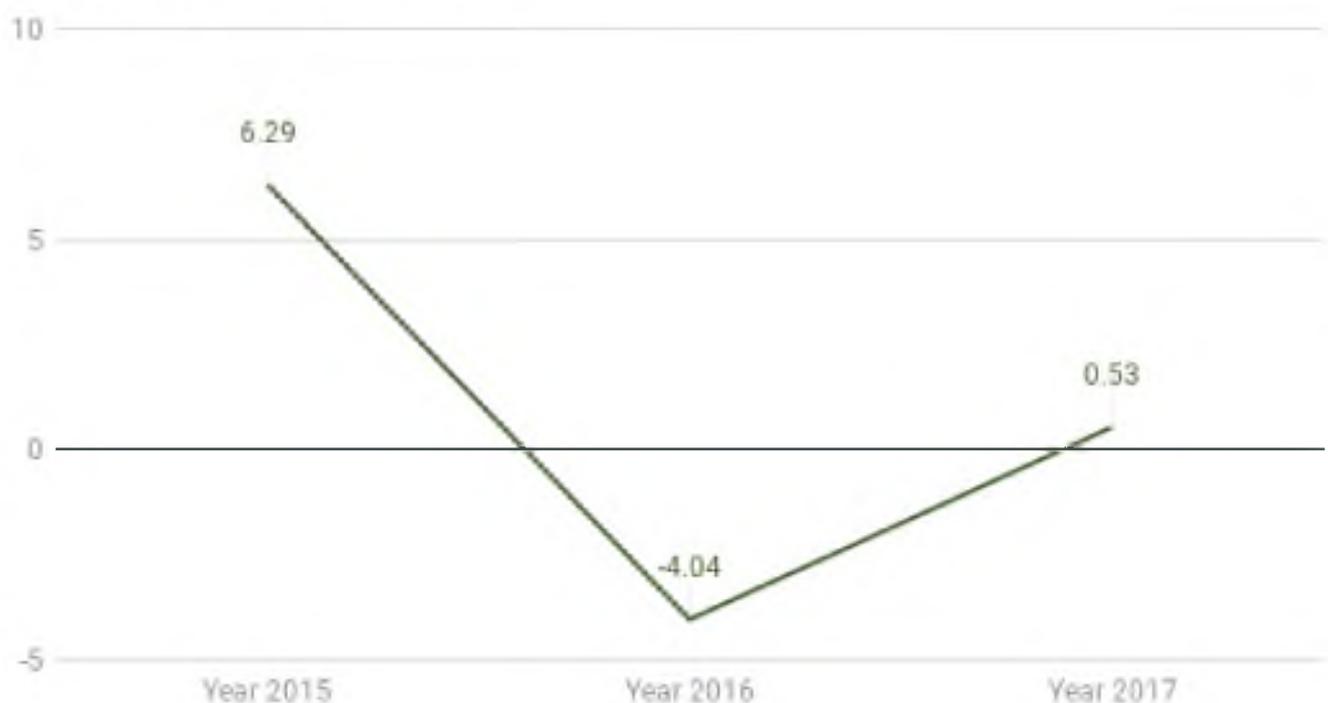
Wood and Wood Products: Year 2015 – Year 2017

Wood and Wood Products



Wood and Wood Products under manufacturing sector grew by 0.53% in full year 2017 from -4.04% in 2016 and 6.29% in 2015.

Wood and Wood Products



GDP REPORT Q4 2017

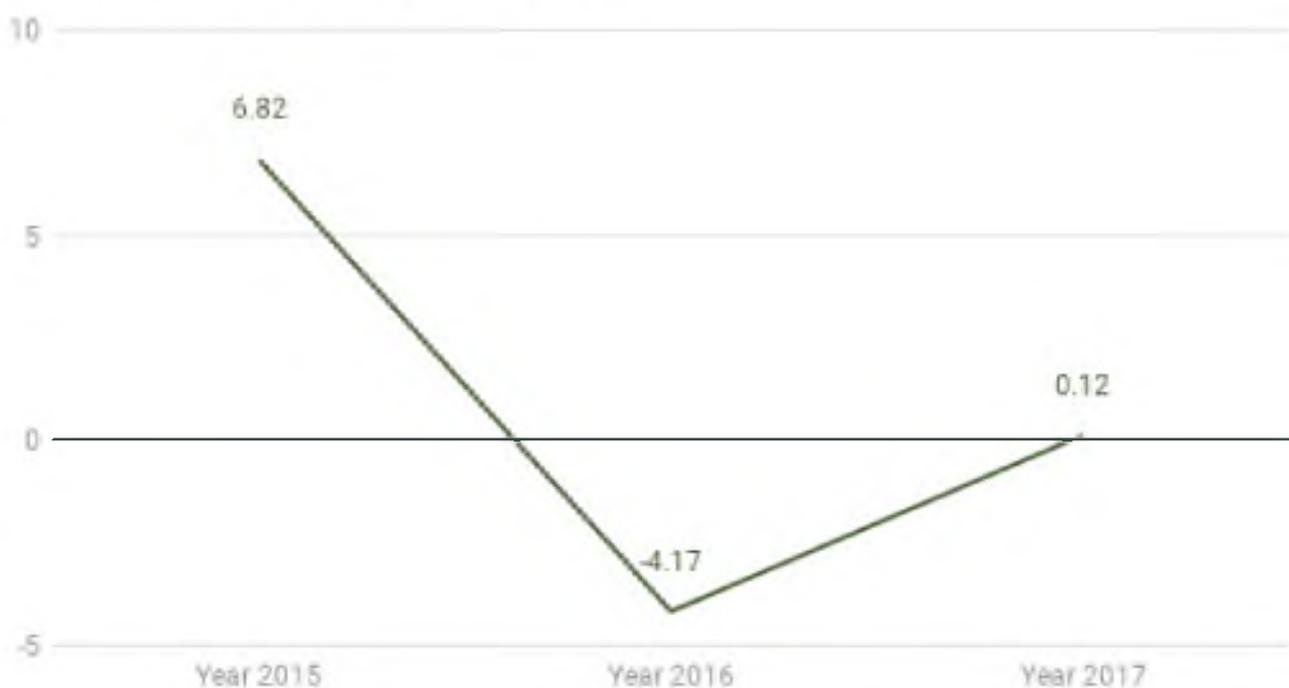
Pulp, Paper and Paper Products : Year 2015 – Year 2017

Pulp, Paper and Paper



Pulp, Paper and Paper Products under manufacturing sector grew by 0.12% in full year 2017 from 4.17% in 2016 and 6.82% in 2015.

Pulp, Paper and Paper Products



GDP REPORT Q4 2017

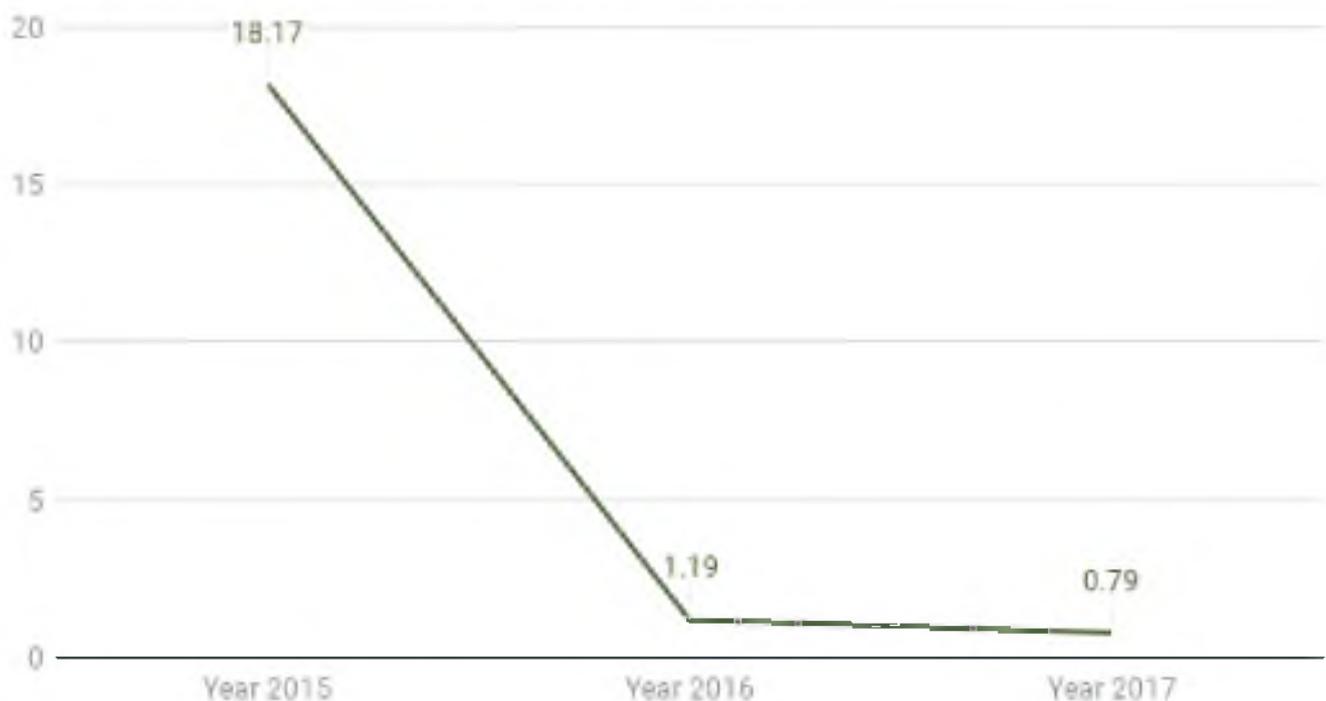
Chemical and Pharmaceutical Products: Year 2015 – Year 2017

Chemical and Pharmaceutical Products



Chemical and Pharmaceutical Products under manufacturing sector grew by 0.79% in full year 2017 from 1.19% in 2016 and 18.17% in 2015

Chemical and Pharmaceutical Products



GDP REPORT Q4 2017

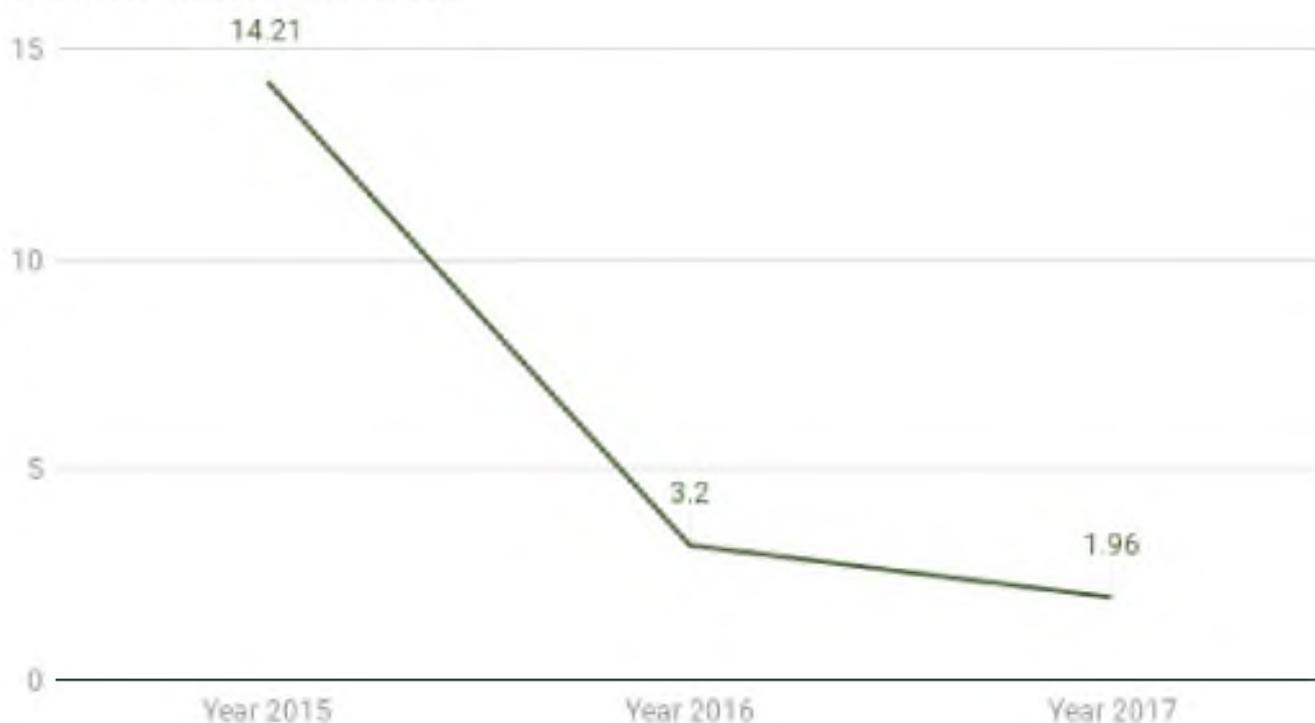
Non-Metallic Products: Year 2015 – Year 2017

Non-Metallic Products



Non-Metallic Products under manufacturing sector grew by 1.96% in full year 2017 from 3.2% in 2016 and 14.21% in 2015.

Non-Metallic Products



GDP REPORT Q4 2017

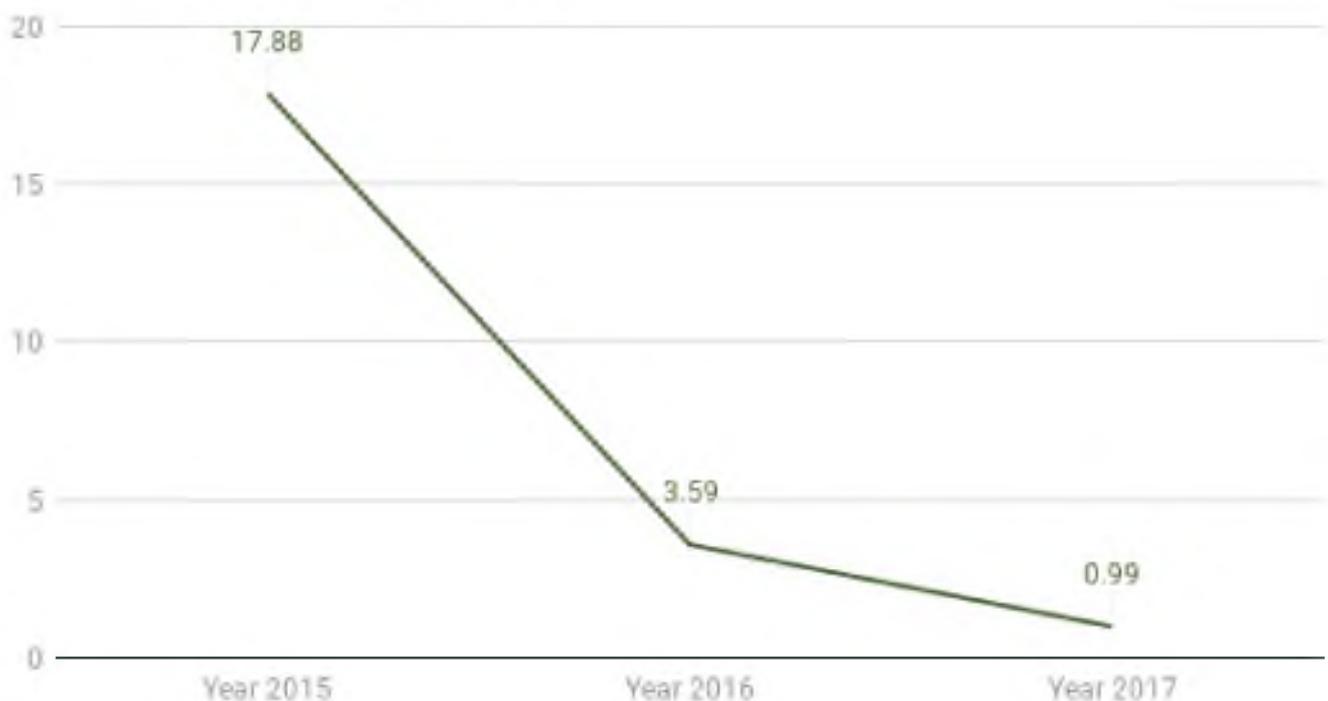
Plastic and Rubber Products: Year 2015 – Year 2017

Plastic and Rubber Products



Plastic and Rubber Products under manufacturing sector grew by 0.99% in full year 2017 from 3.59% in 2016 and 17.88% in 2015.

Plastic and Rubber products



GDP REPORT Q4 2017

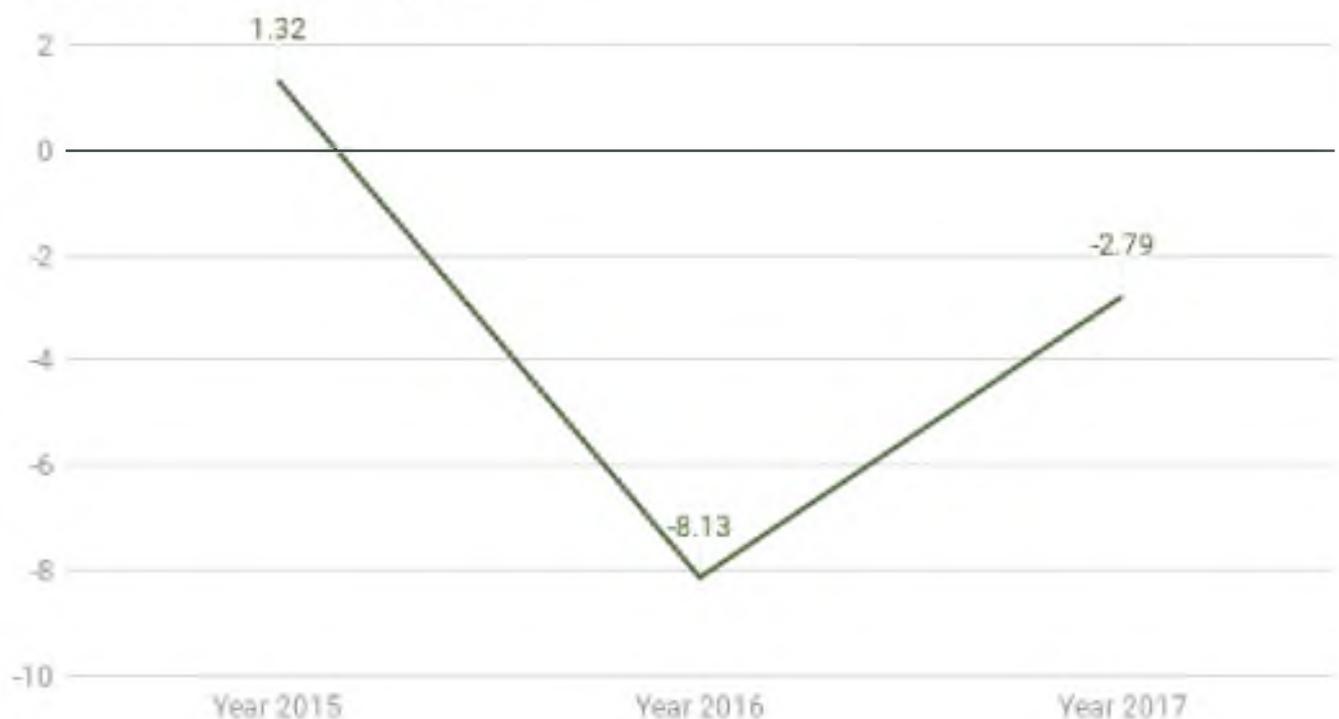
Electrical and Electronics: Year 2015 - Year 2017

Electrical and Electronics



Electrical and Electronics under manufacturing sector contracted by -2.79% in full year 2017 from -8.13% in 2016 and 1.32% in 2015.

Electrical and Electronics



GDP REPORT Q4 2017

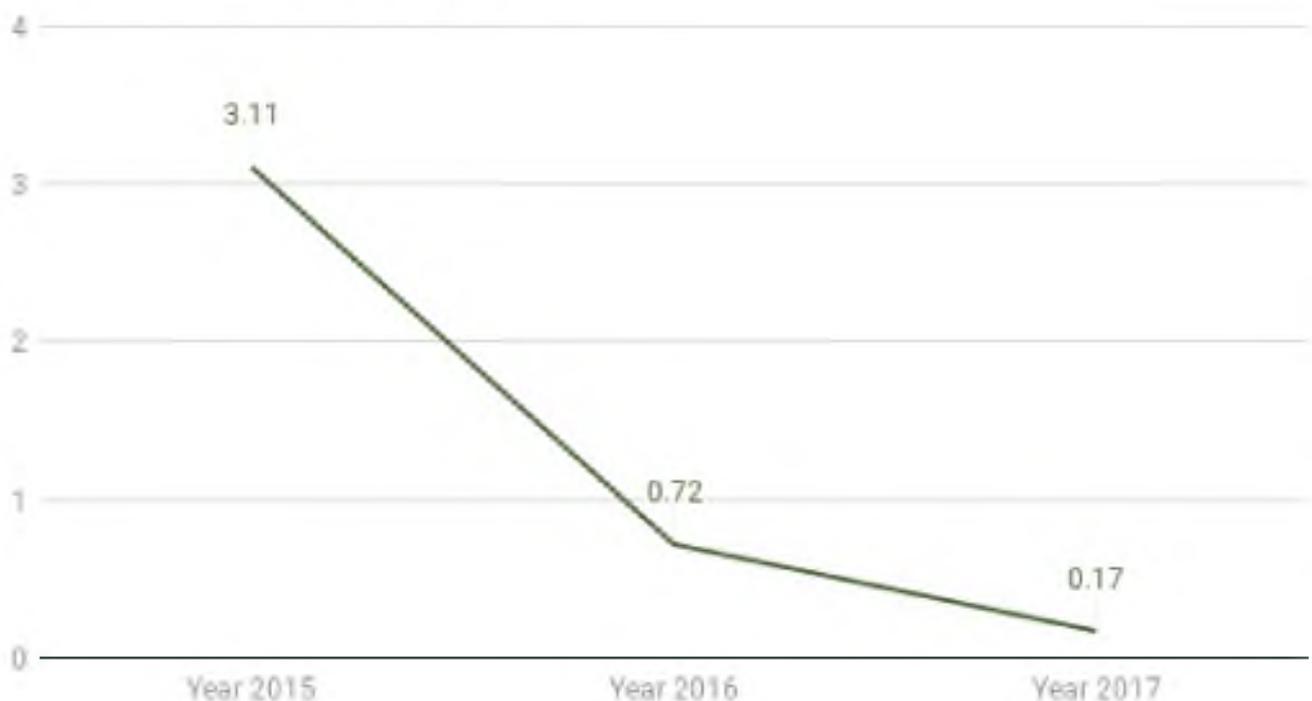
Basic Metal , Iron and Steel: Year 2015 - Year 2017

Basic metal , Iron and Steel



Basic metal , Iron and Steel under manufacturing sector grew by 0.17% in full year 2017 from 0.72% in 2016 and 3.11% in 2015.

Basic metal , Iron and Steel



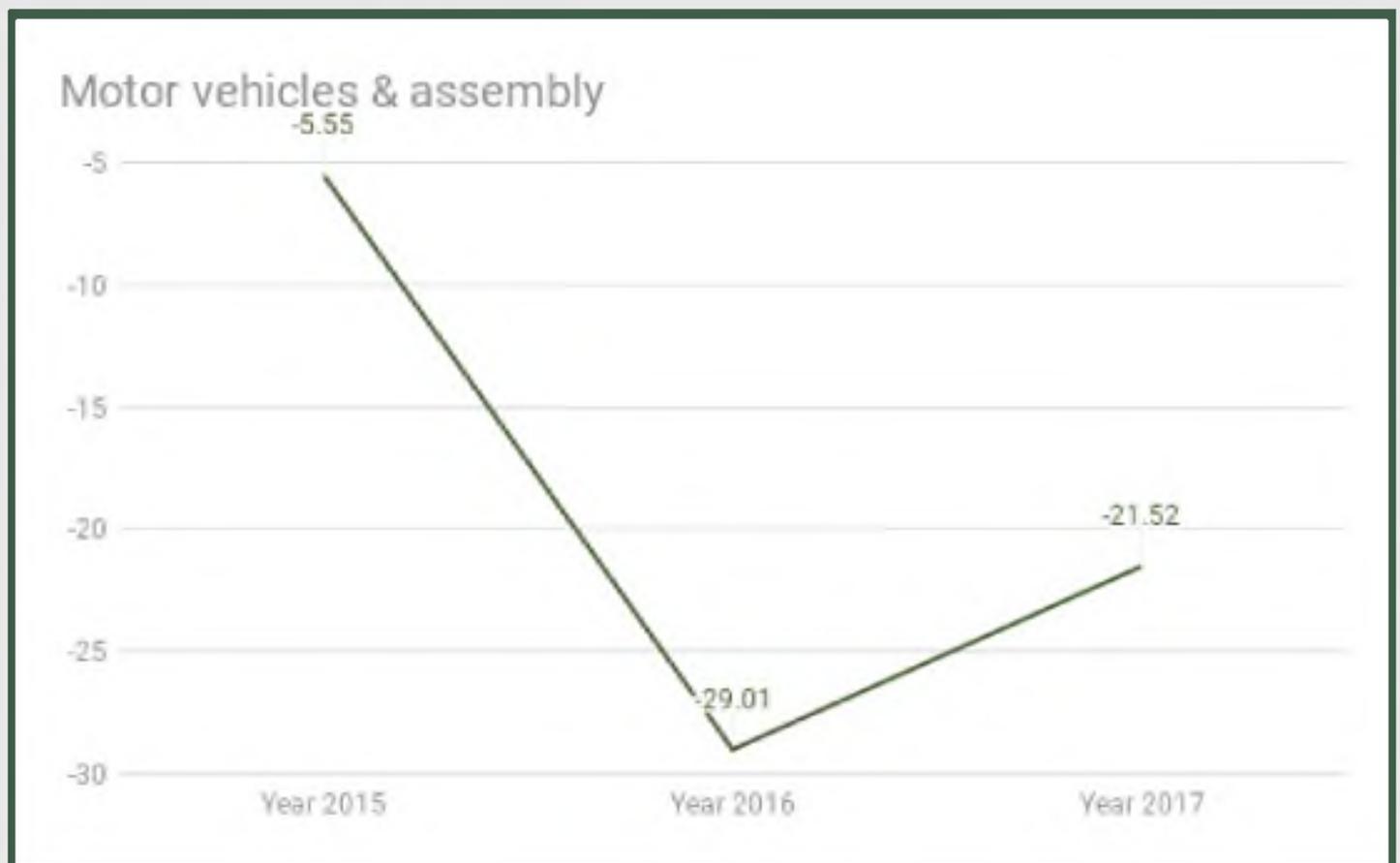
GDP REPORT Q4 2017

Motor Vehicles & Assembly: Year 2015 – Year 2017

Motor Vehicles & Assembly



Motor Vehicles & Assembly under manufacturing sector contracted by -21.52% in full year 2017 from -29.01% in 2016 and -5.55% in 2015.



GDP REPORT Q4 2017

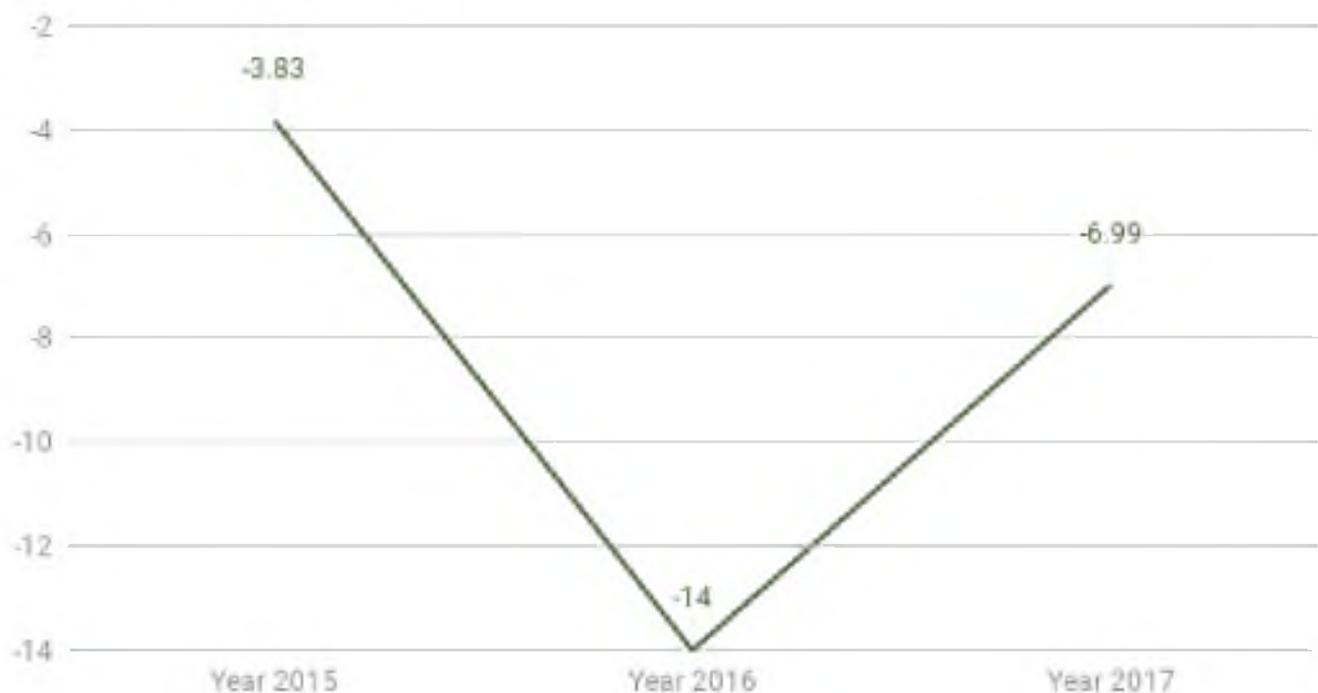
Other Manufacturing: Year 2015 – Year 2017

Other Manufacturing



Other Manufacturing under manufacturing sector contracted by -6.99% in full year 2017 from -14% in 2016 and -3.83% in 2015.

Other Manufacturing



GDP REPORT Q4 2017

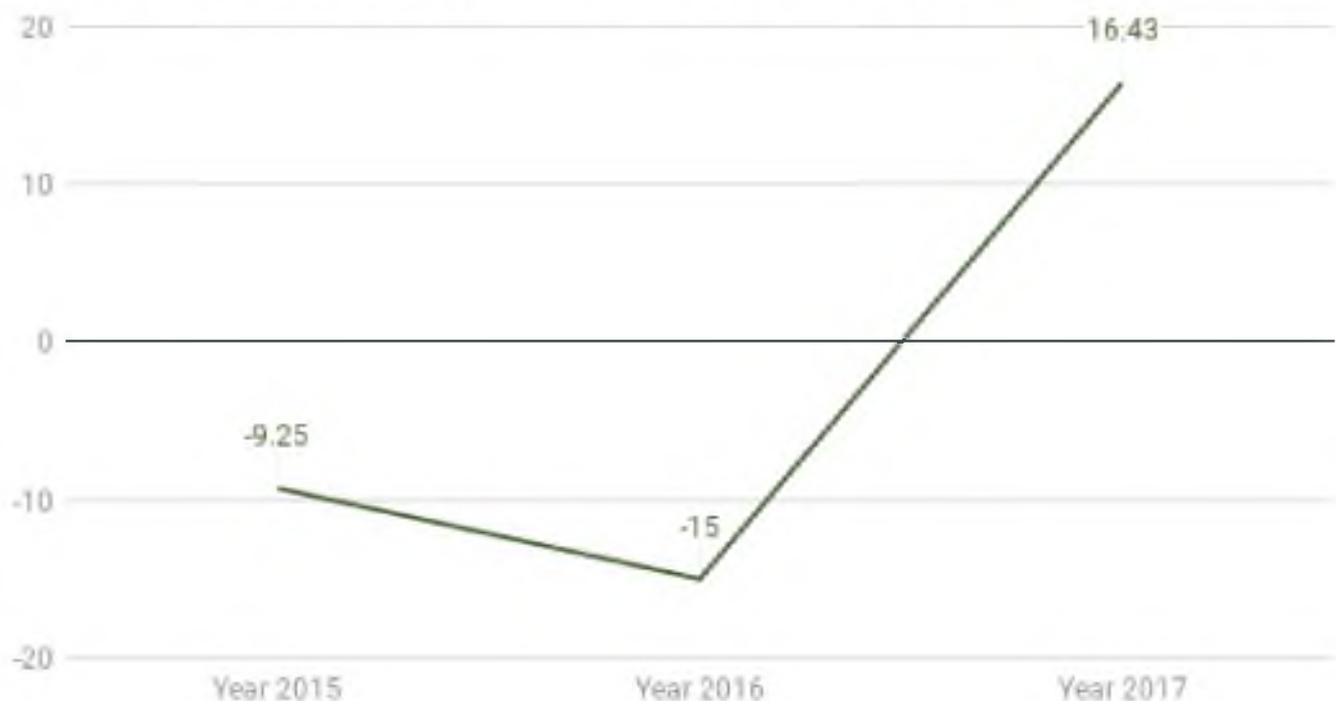
Electricity, Gas ,Steam and Air Conditioning Supply: Year 2015 – Year 2017

Electricity, Gas ,Steam And Air Conditioning Supply



Electricity, Gas ,Steam And Air Conditioning Supply sector grew by 16.43% in full year 2017 from -15% in 2016 and -9.25% in 2015.

ELECTRICITY, GAS ,STEAM AND AIR CONDITIONING SUPPLY



GDP REPORT Q4 2017

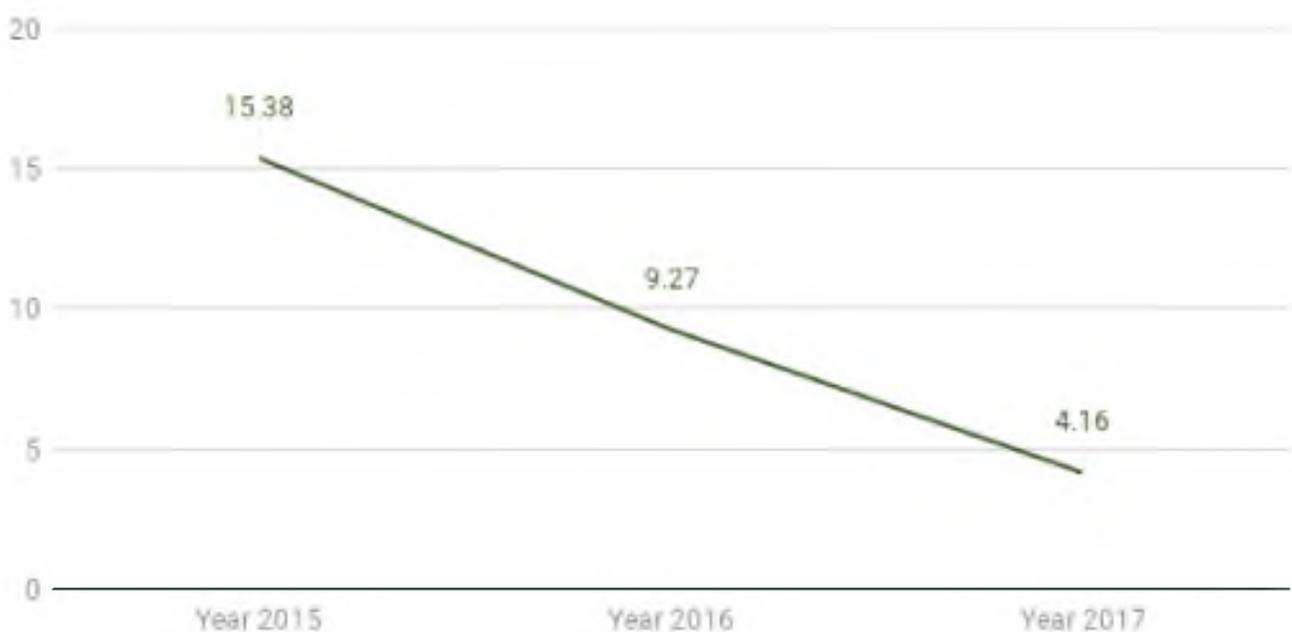
Water Supply, Sewerage, Waste Management And Remediation: Year 2015 – Year 2017

Water Supply, Sewerage, Waste Management And Remediation



Water Supply, Sewerage, Waste Management and Remediation sector grew by 4.16% in full year 2017 from 9.27% in 2016 and 15.38% in 2015.

WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION



GDP REPORT Q4 2017

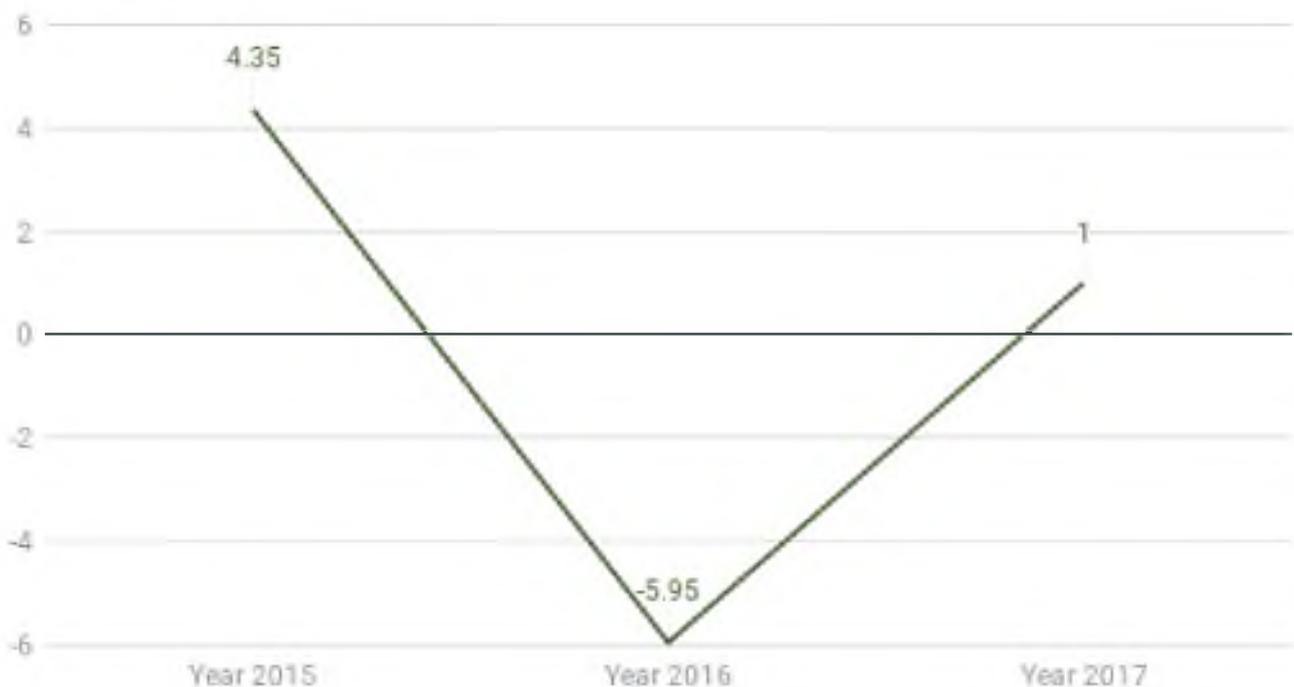
Construction: Year 2015 – Year 2017

Construction



Construction sector grew by 1% in full year 2017 from -5.95% in 2016 and 4.35% in 2015

CONSTRUCTION



GDP REPORT Q4 2017

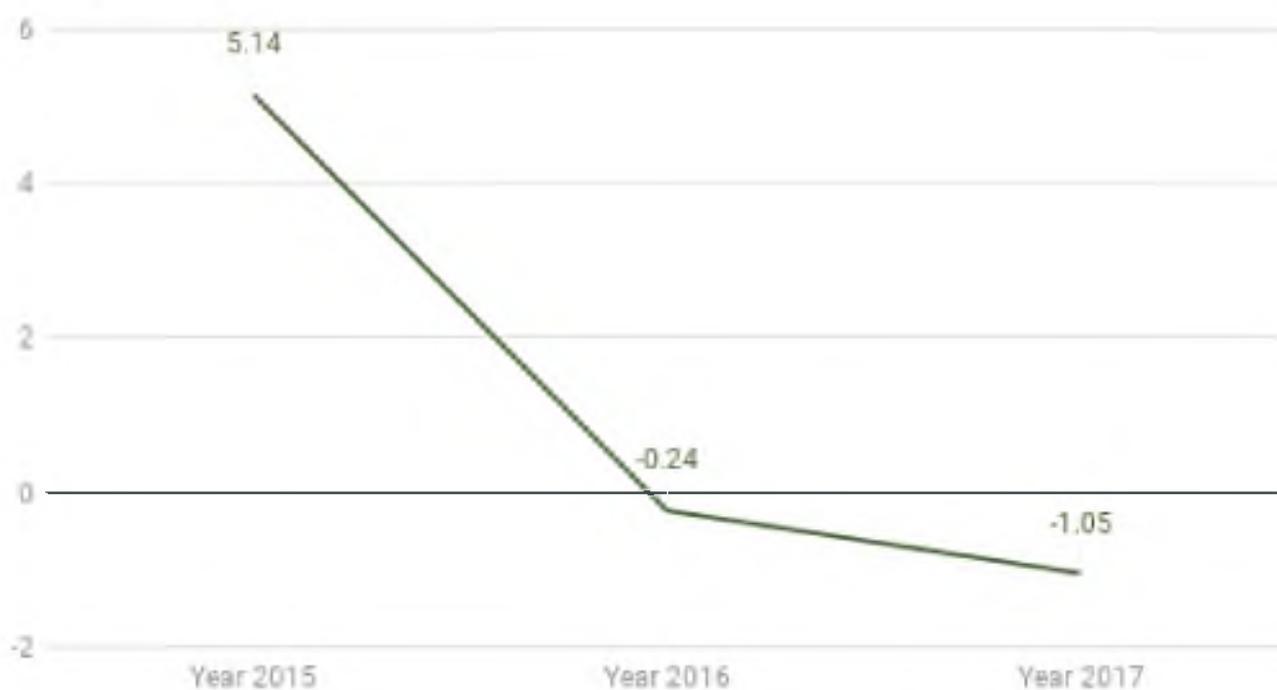
Trade: Year 2015 - Year 2017

Wholesale and Retail Trade



Trade sector contracted by -1.05% in full year 2017 from -0.24% in 2016 and 5.14% in 2015.

TRADE



GDP REPORT Q4 2017

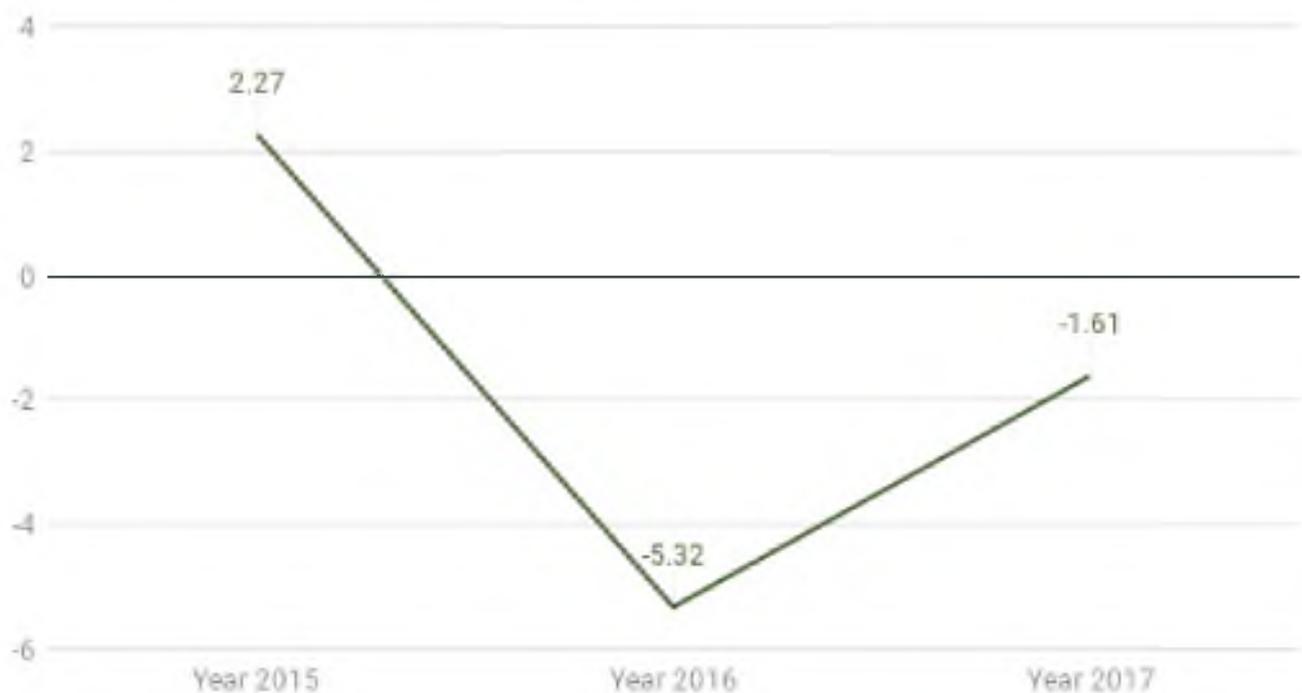
Accommodation and Food Services: Year 2015 – Year 2017

Accommodation and Food Services



Accommodation and Food Services sector contracted by -1.61% in full year 2017 from -5.32% in 2016 and 2.27% in 2015.

ACCOMMODATION AND FOOD SERVICES



GDP REPORT Q4 2017

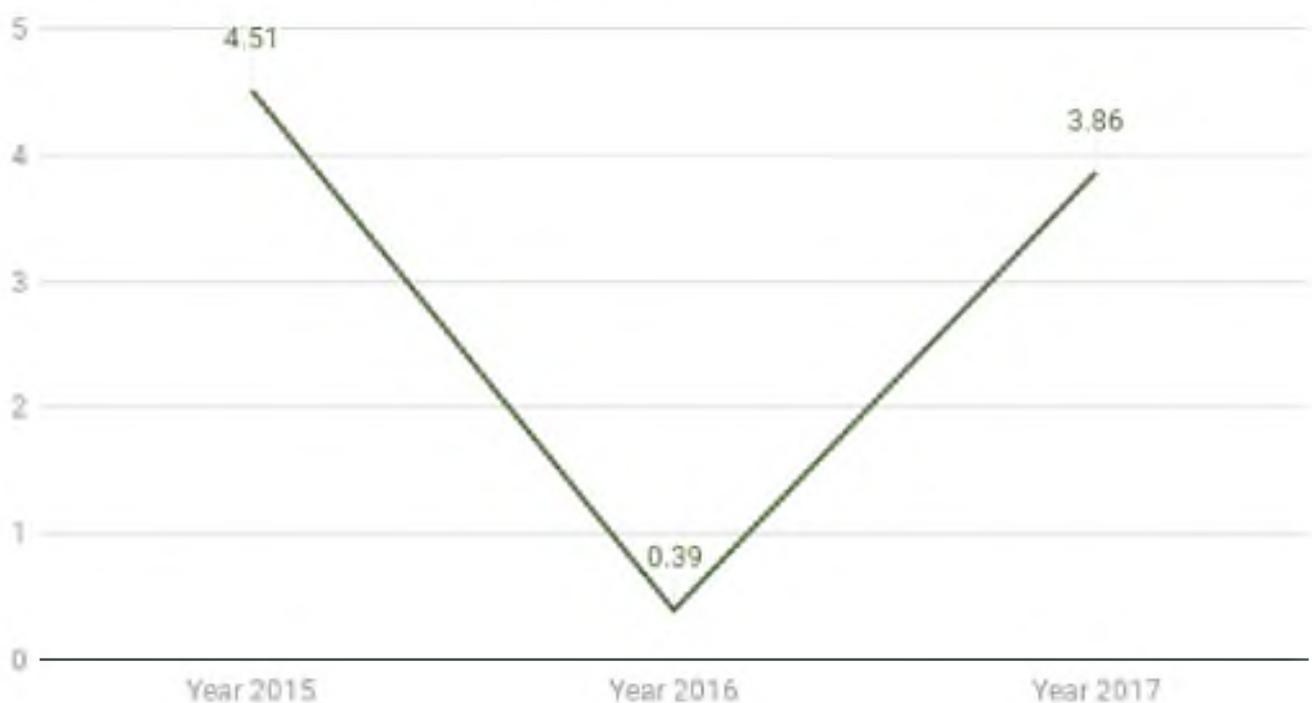
Transportation and Storage: Year 2015 - Year 2017

Transportation and Storage sector



Transportation and Storage sector grew by 3.86% in full year 2017 from 0.39% in 2016 and 4.51% in 2015.

TRANSPORTATION AND STORAGE



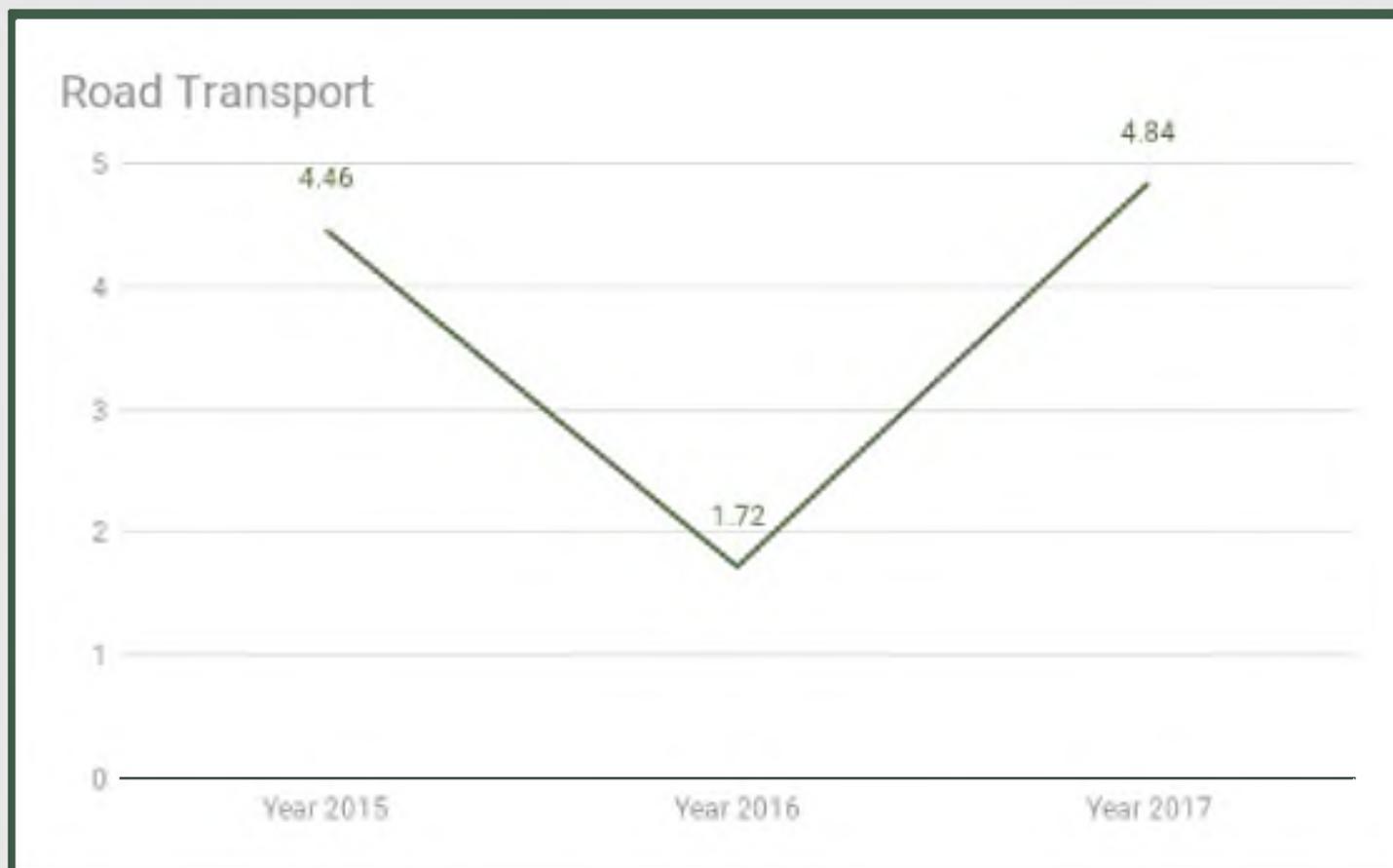
GDP REPORT Q4 2017

Road Transport: Year 2015 - Year 2017

Road Transport



Road Transport under Transportation and Storage sector grew by 4.84% in full year 2017 from 1.72% in 2016 and 4.46% in 2015.



GDP REPORT Q4 2017

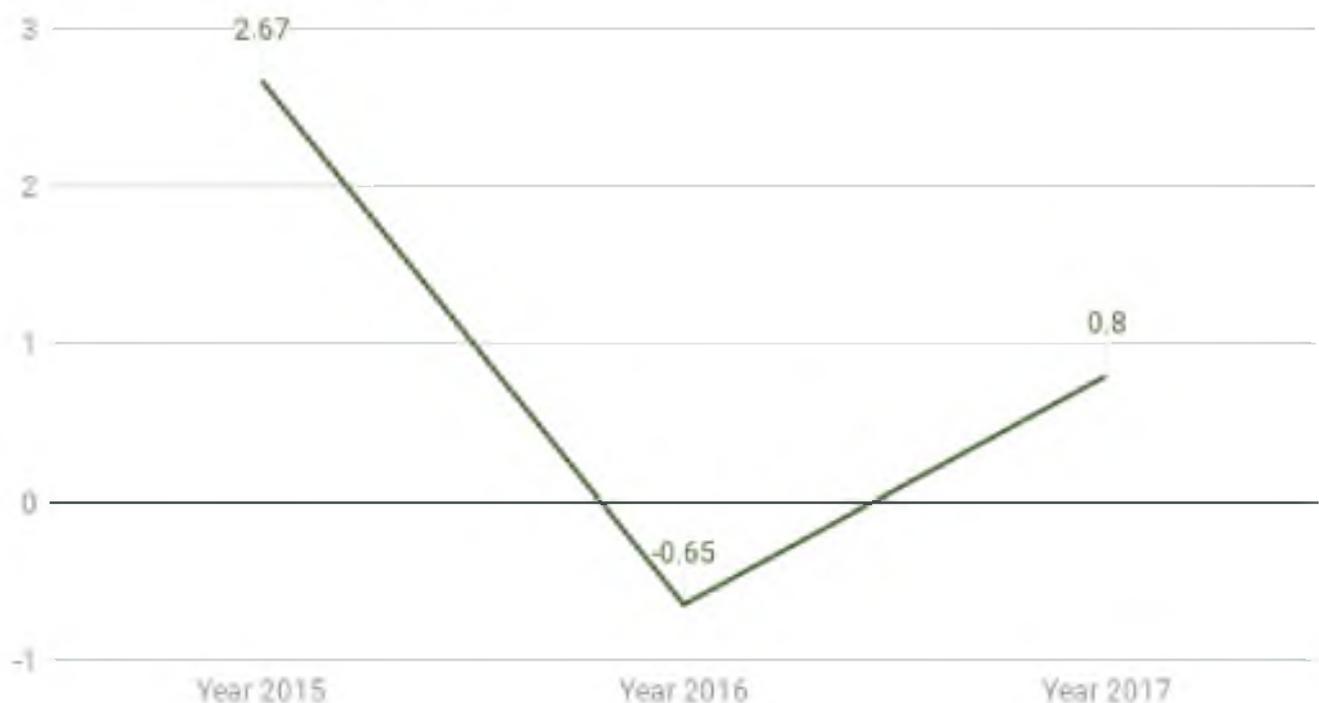
Rail Transport & Pipelines: : Year 2015 - Year 2017

Rail Transport & Pipelines



Rail Transport & Pipelines under Transportation and Storage sector grew by 0.8% in full year 2017 from -0.65% in 2016 and 2.67% in 2015.

Rail Transport & Pipelines



GDP REPORT Q4 2017

Water Transport: Year 2015 – Year 2017

Water Transport



Water Transport under Transportation and Storage sector grew by 1.25% in full year 2017 from 1.4% in 2016 and 8.45 in 2015.

Water Transport



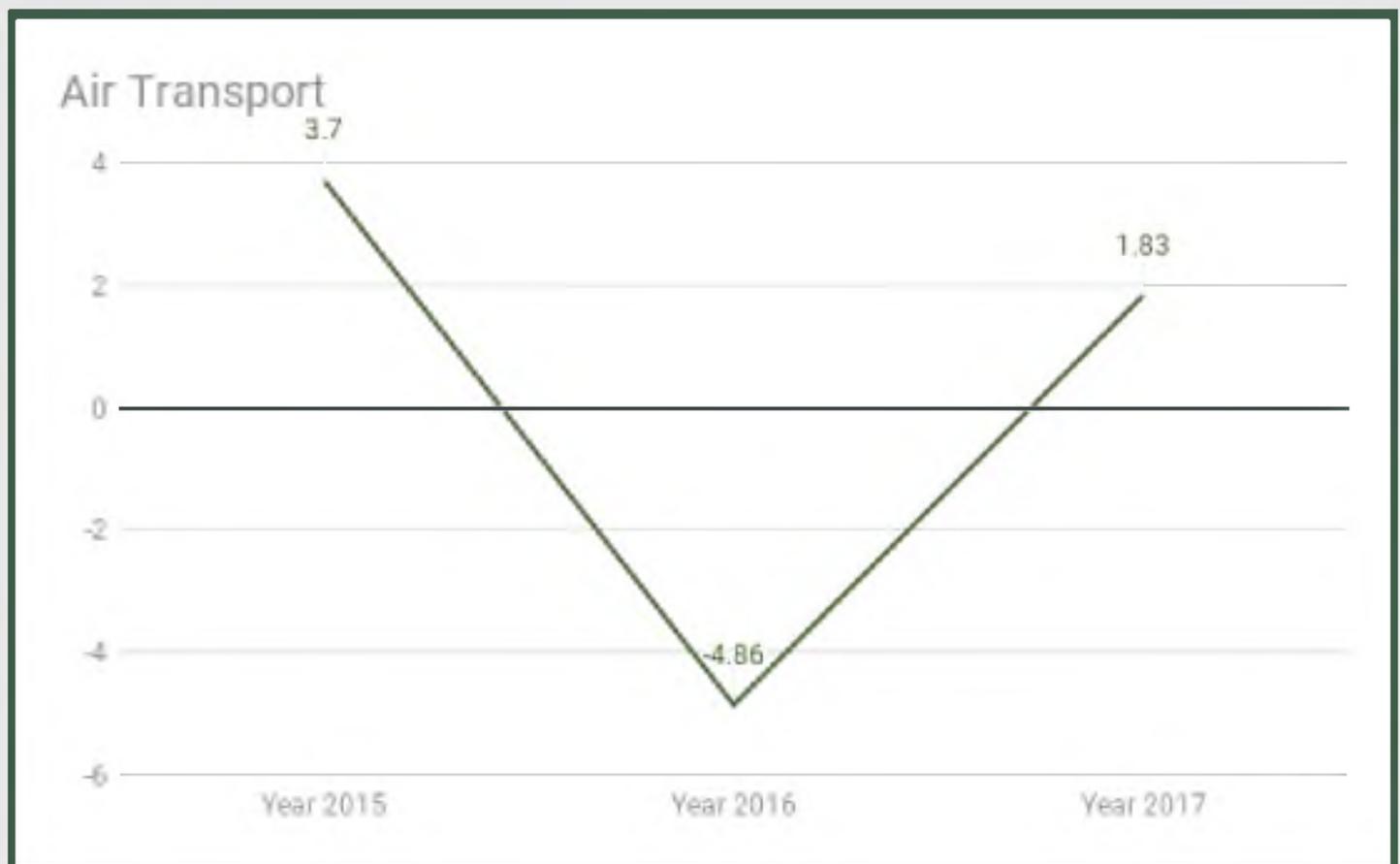
GDP REPORT Q4 2017

Air Transport: Year 2015 - Year 2017

Air Transport



Air Transport under Transportation and Storage sector grew by 1.83% in full year 2017 from -4.86% in 2016 and 3.7% in 2015.



GDP REPORT Q4 2017

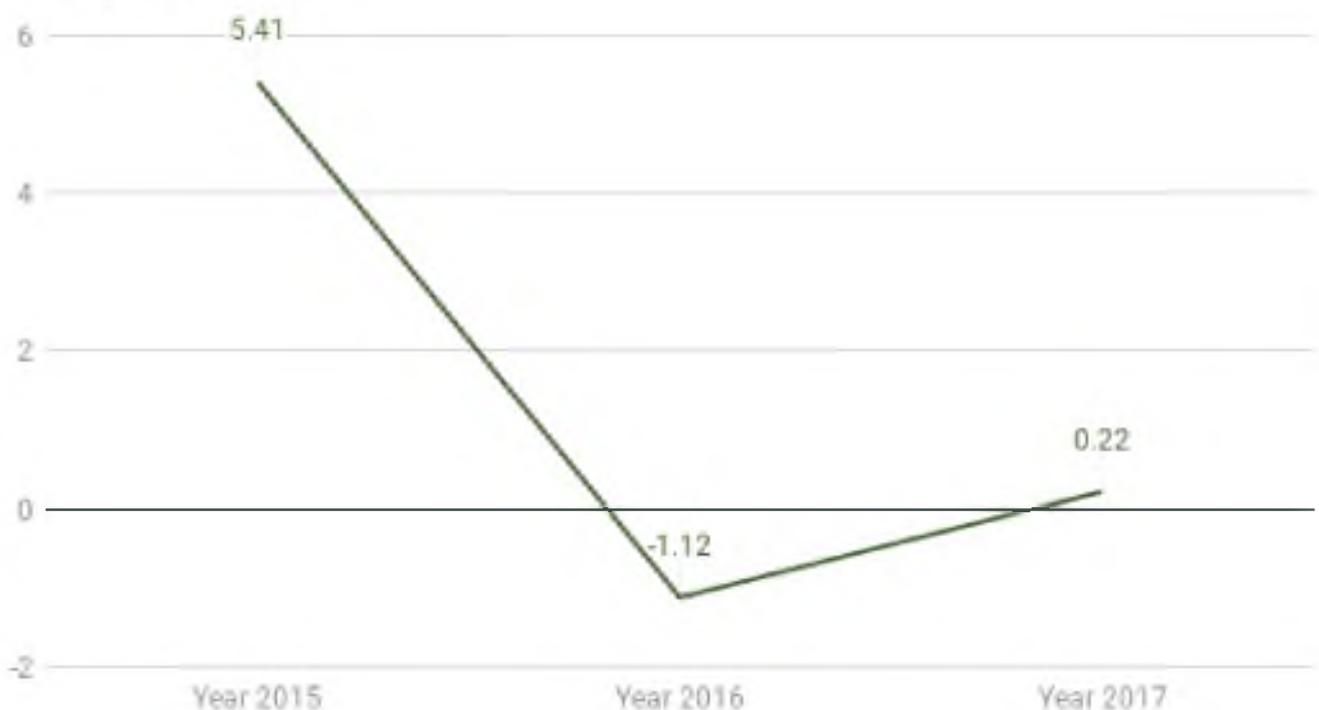
Transport Services: Year 2015 - Year 2017

Transport Services



Transport Services under Transportation and Storage sector grew by 0.22% in full year 2017 from -1.12% in 2016 and 5.41% in 2015.

Transport Services



GDP REPORT Q4 2017

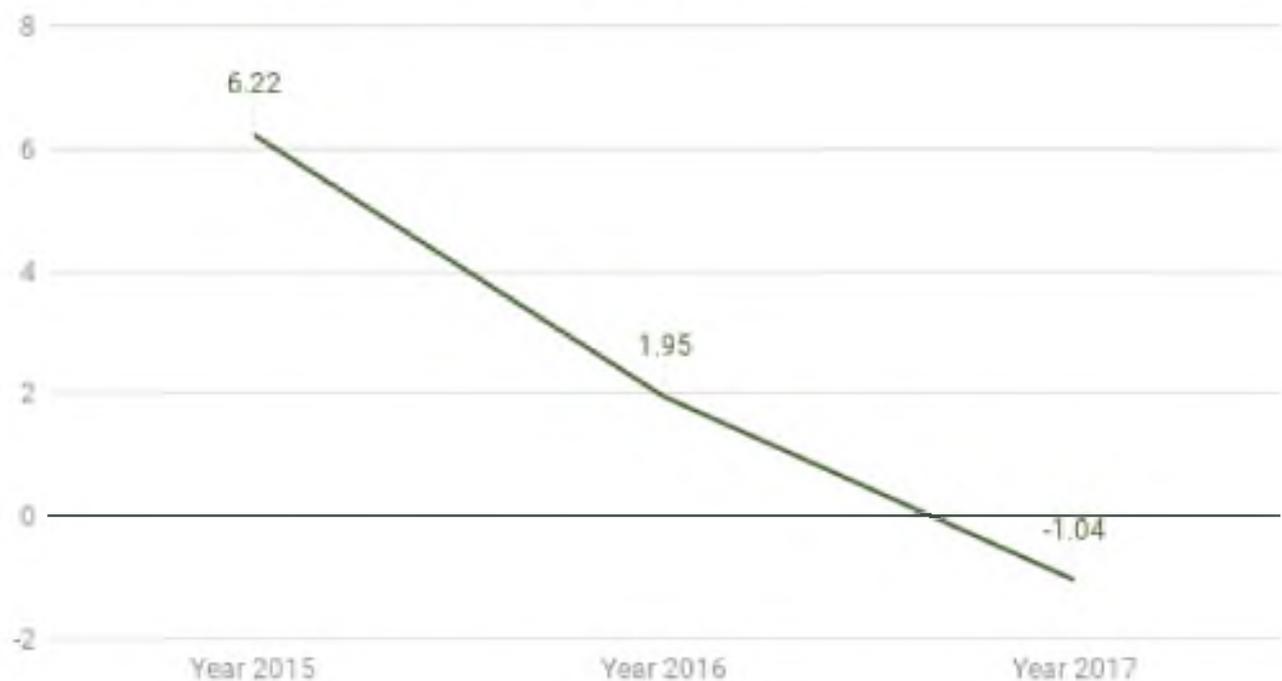
Information and Communication: Year 2015 – Year 2017

Information and Communication sector



Information and Communication sector contracted by -1.04% in full year 2017 from 1.95% in 2016 and 6.22% in 2015.

INFORMATION AND COMMUNICATION



GDP REPORT Q4 2017

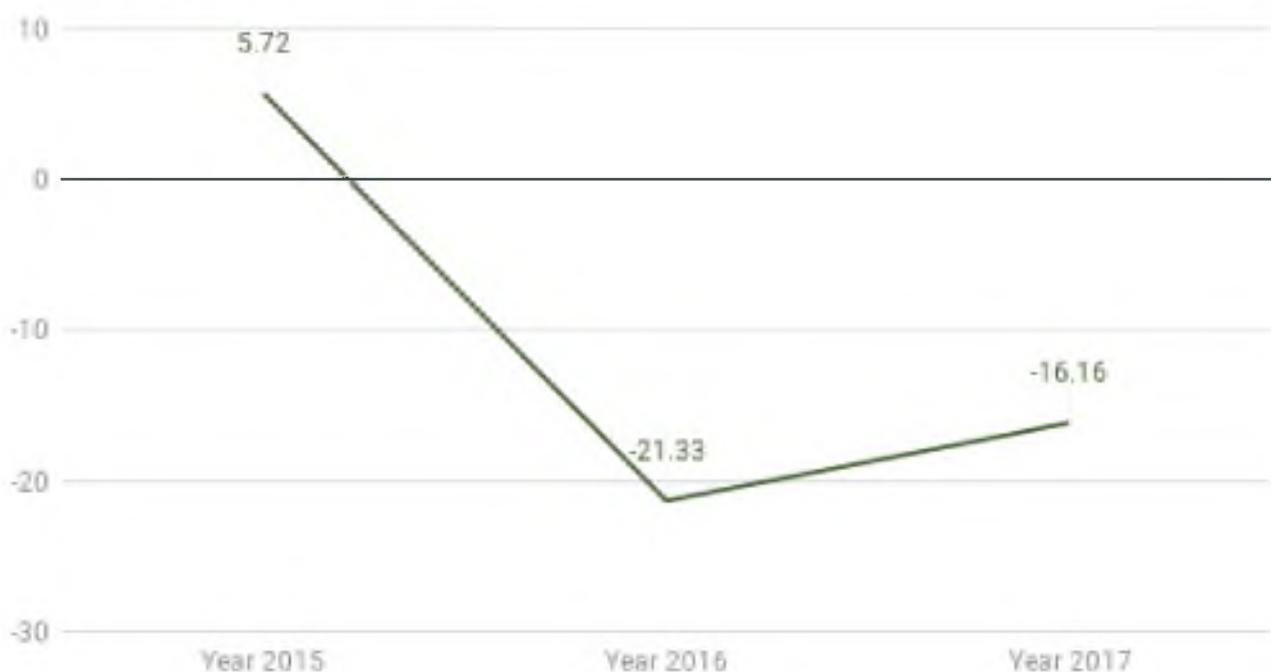
Post and Courier Services: Year 2015 - Year 2017

Post and Courier Services



Post and Courier Services under Transportation and Storage sector contracted by -16.16% in full year 2017 from -21.33% in 2016 and 5.72% in 2015.

Post and Courier Services



GDP REPORT Q4 2017

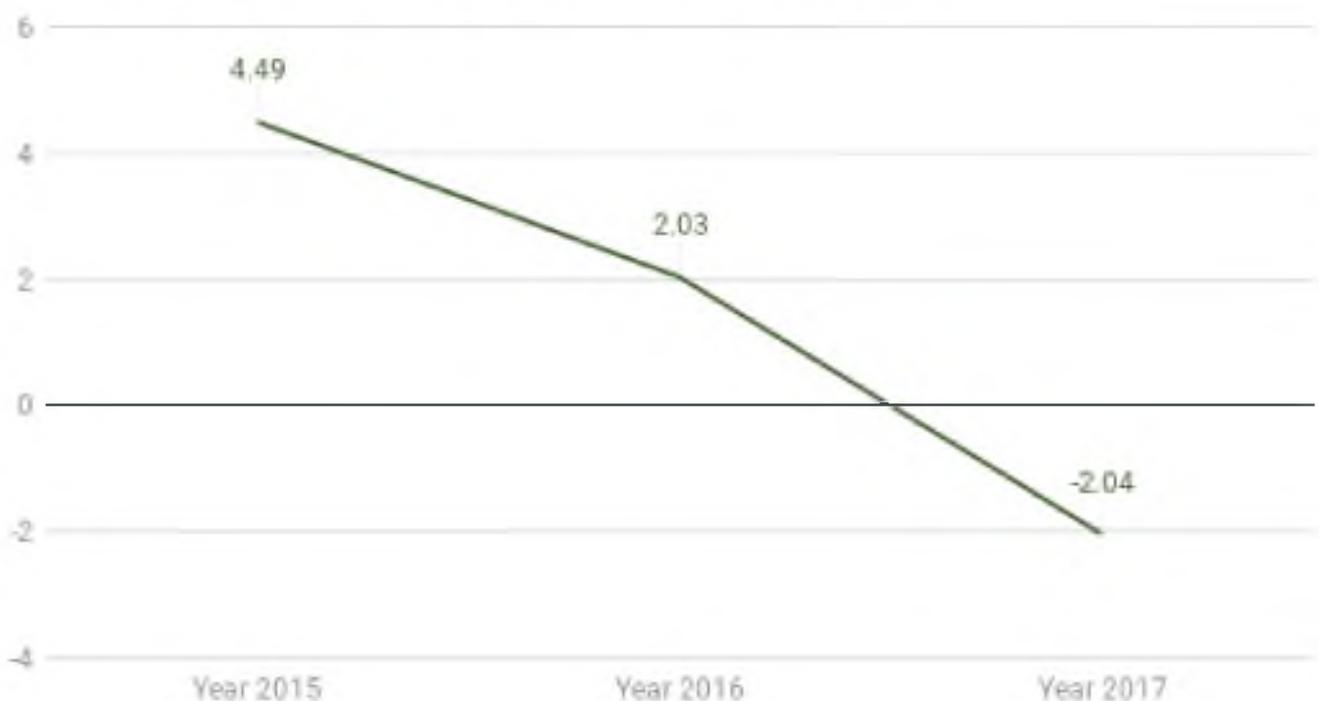
Telecommunications: Year 2015 - Year 2017

Telecommunications



Telecommunications under Information and Communication sector contracted by -2.04% in full year 2017 from 2.03% in 2016 and 4.49% in 2015

Telecommunications & Information Services



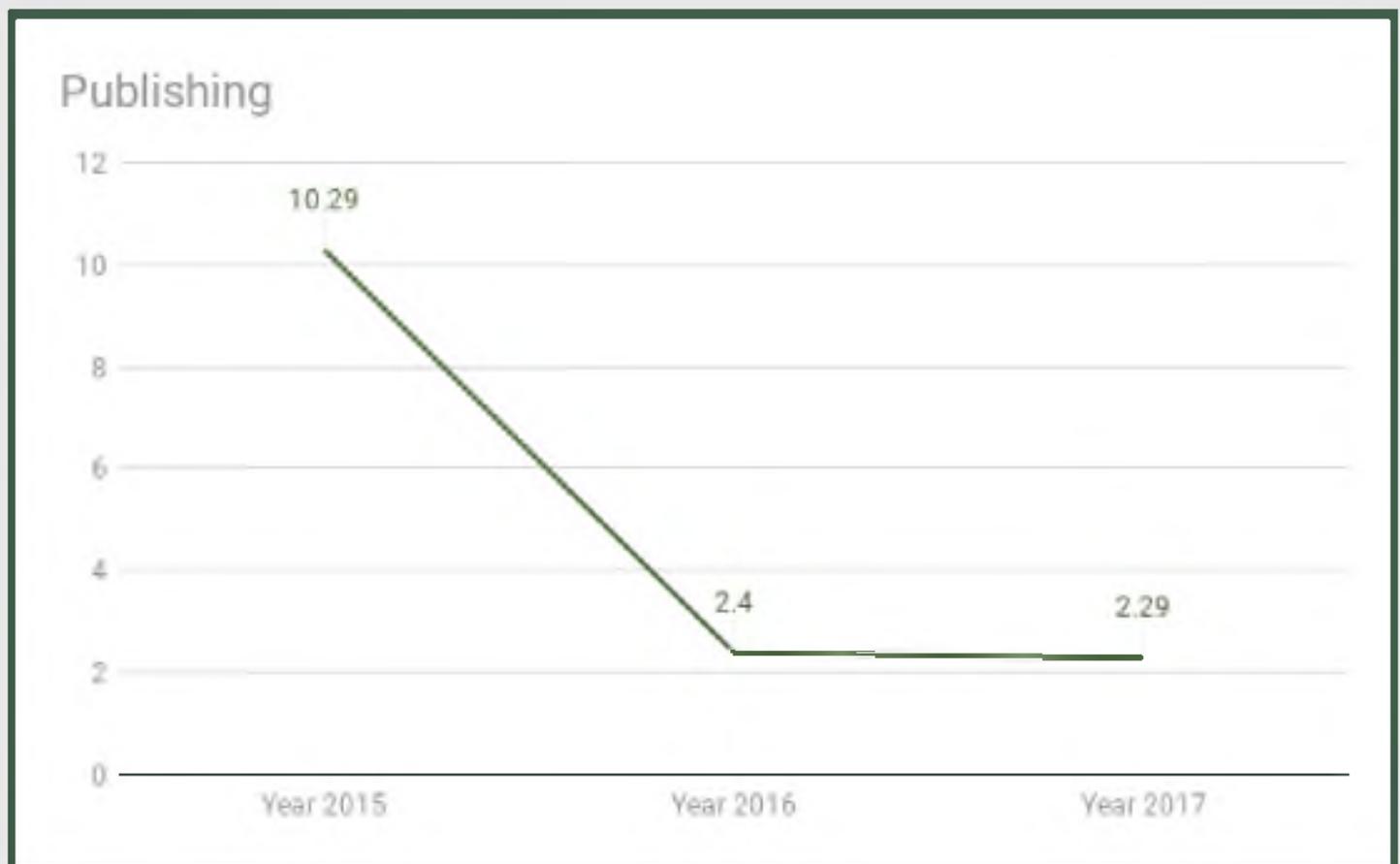
GDP REPORT Q4 2017

Publishing: Year 2015 - Year 2017

Publishing



Publishing under Information and Communication sector grew by 2.29% in full year 2017 from 2.4% in 2016 and 10.29% in 2015.



GDP REPORT Q4 2017

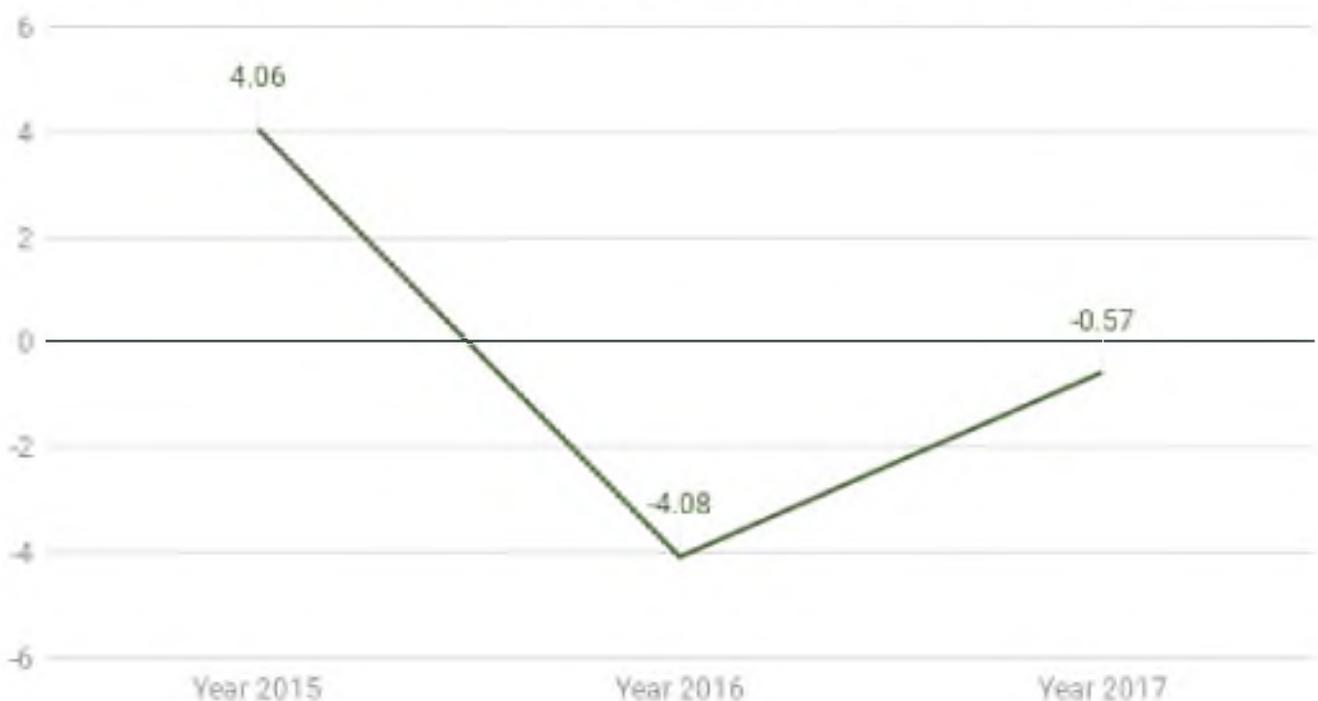
Motion Pictures, Sound recording and Music production: Year 2015 – Year 2017

Motion Pictures, Sound recording and Music production



Motion Pictures, Sound recording and Music production under Information and Communication sector contracted by -0.57% in full year 2017 from -4.08% in 2016 and 4.06% in 2015.

Motion Pictures, Sound recording and Music production



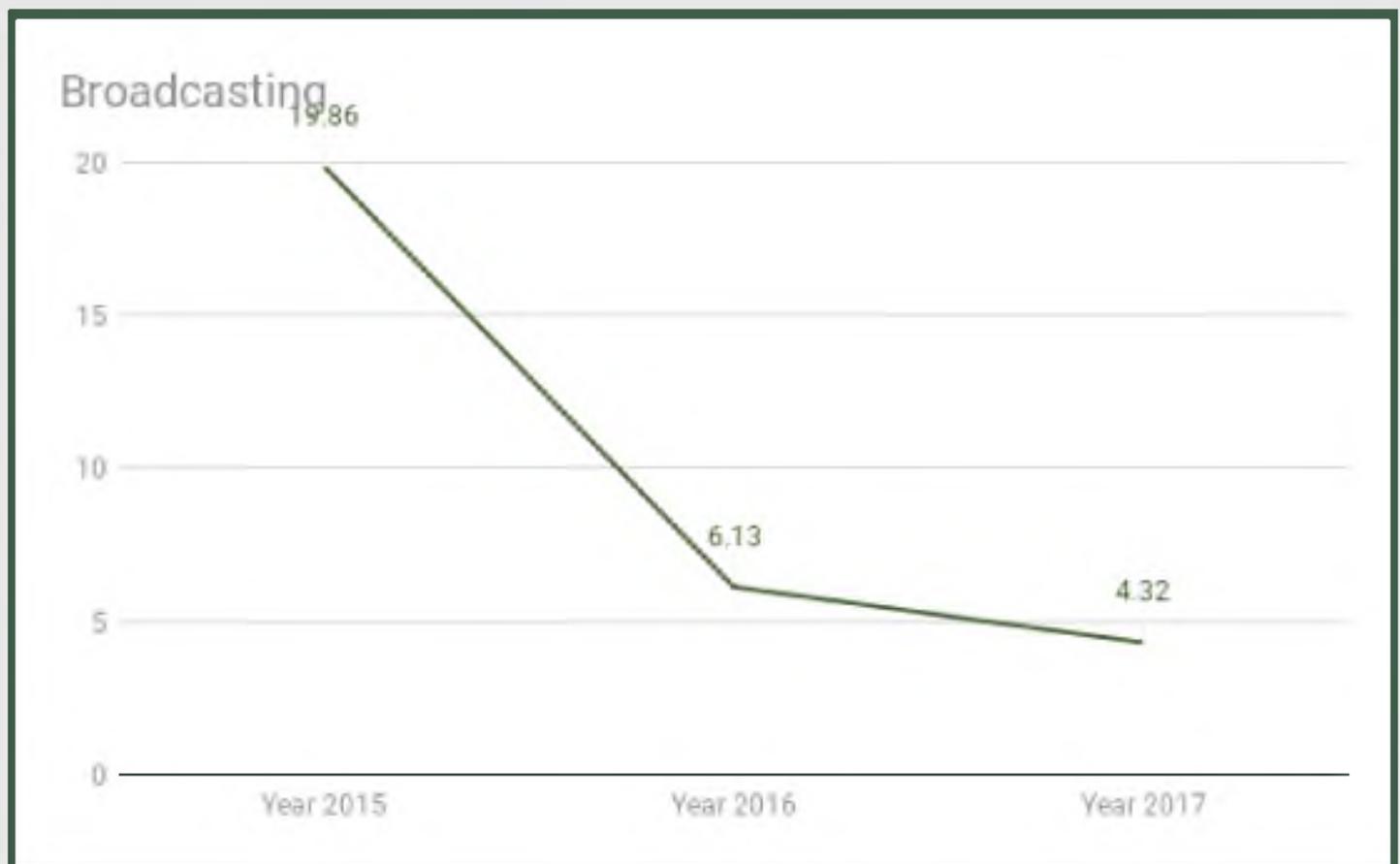
GDP REPORT Q4 2017

Broadcasting: Year 2015 - Year 2017

Broadcasting



Broadcasting under Information and Communication sector grew by 4.32% in full year 2017 from 6.13% in 2016 and 19.86% in 2015.



GDP REPORT Q4 2017

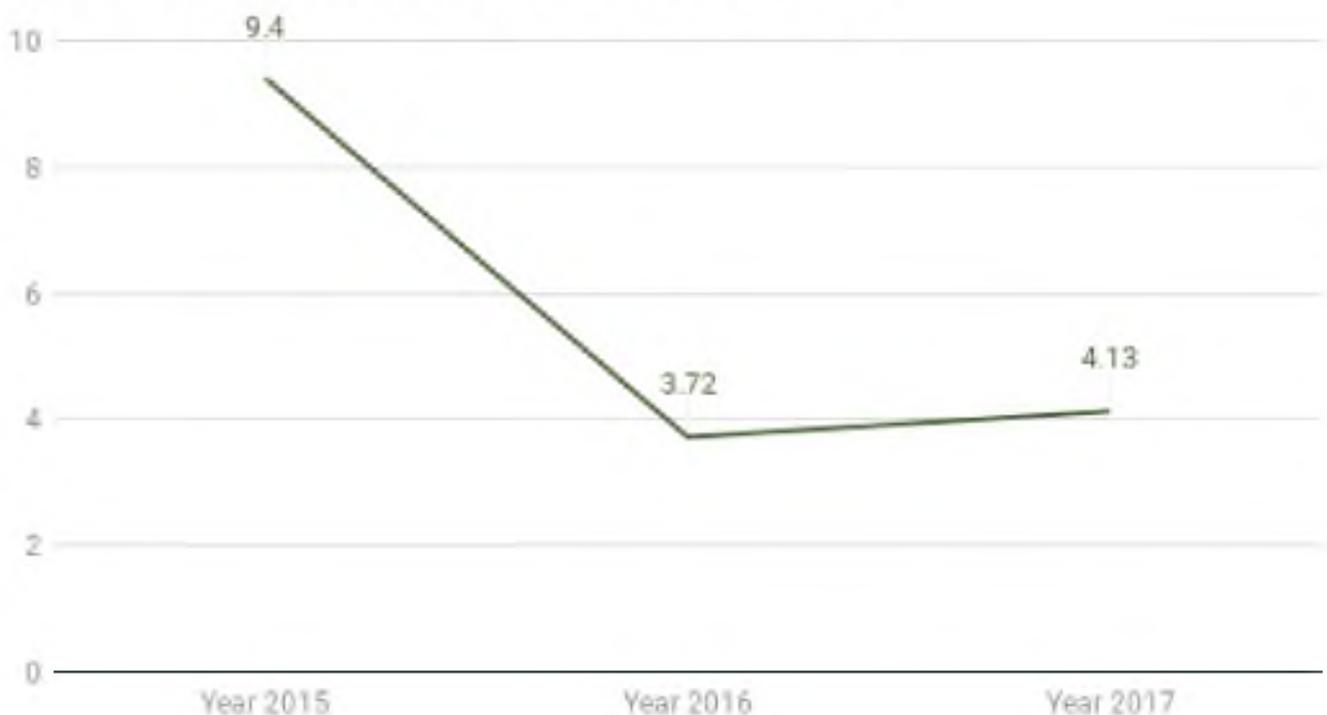
Arts, Entertainment and Recreation: Year 2015 – Year 2017

Arts, Entertainment and Recreation



Arts, Entertainment and Recreation sector grew by 4.13% in full year 2017 from 3.72% in 2016 and 9.4% in 2015.

ARTS, ENTERTAINMENT AND RECREATION



GDP REPORT Q4 2017

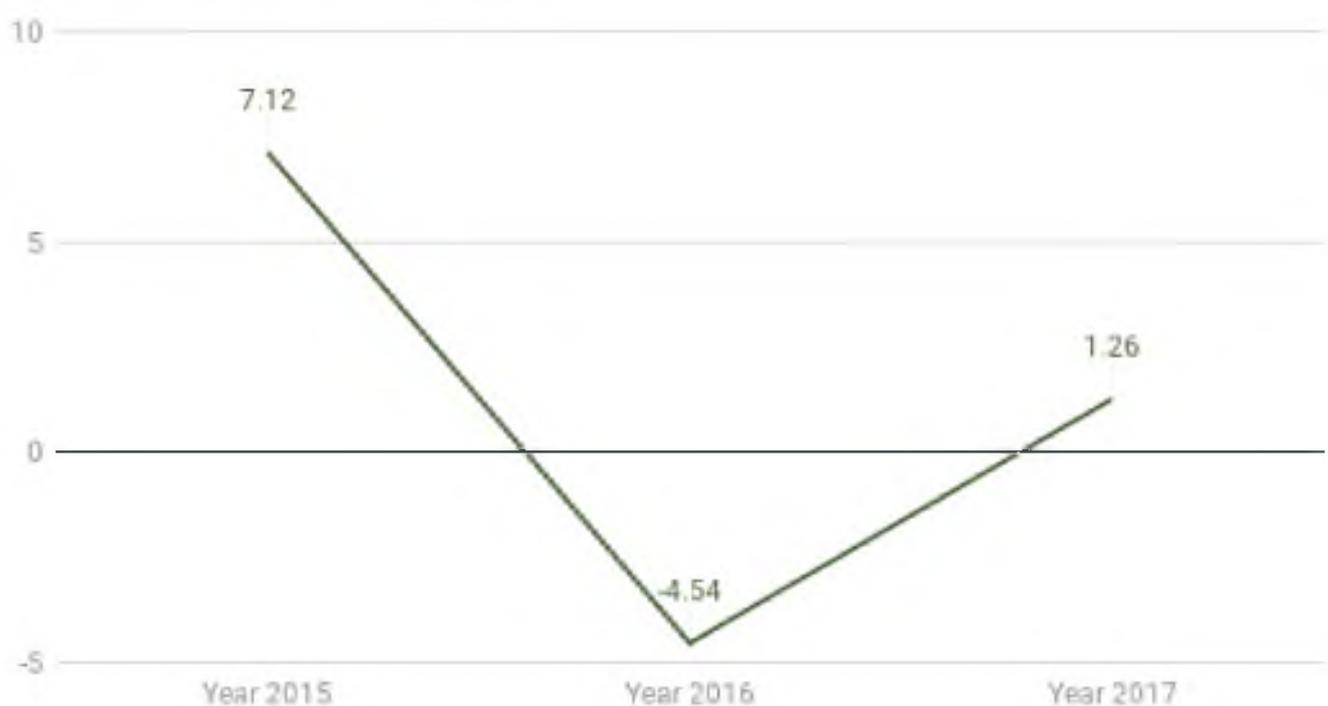
Financial and Insurance: Year 2015 - Year 2017

Financial and Insurance Sector



Financial and Insurance sector grew by 1.26% in full year 2017 from -4.54% in 2016 and 7.12% in 2015.

FINANCIAL AND INSURANCE



GDP REPORT Q4 2017

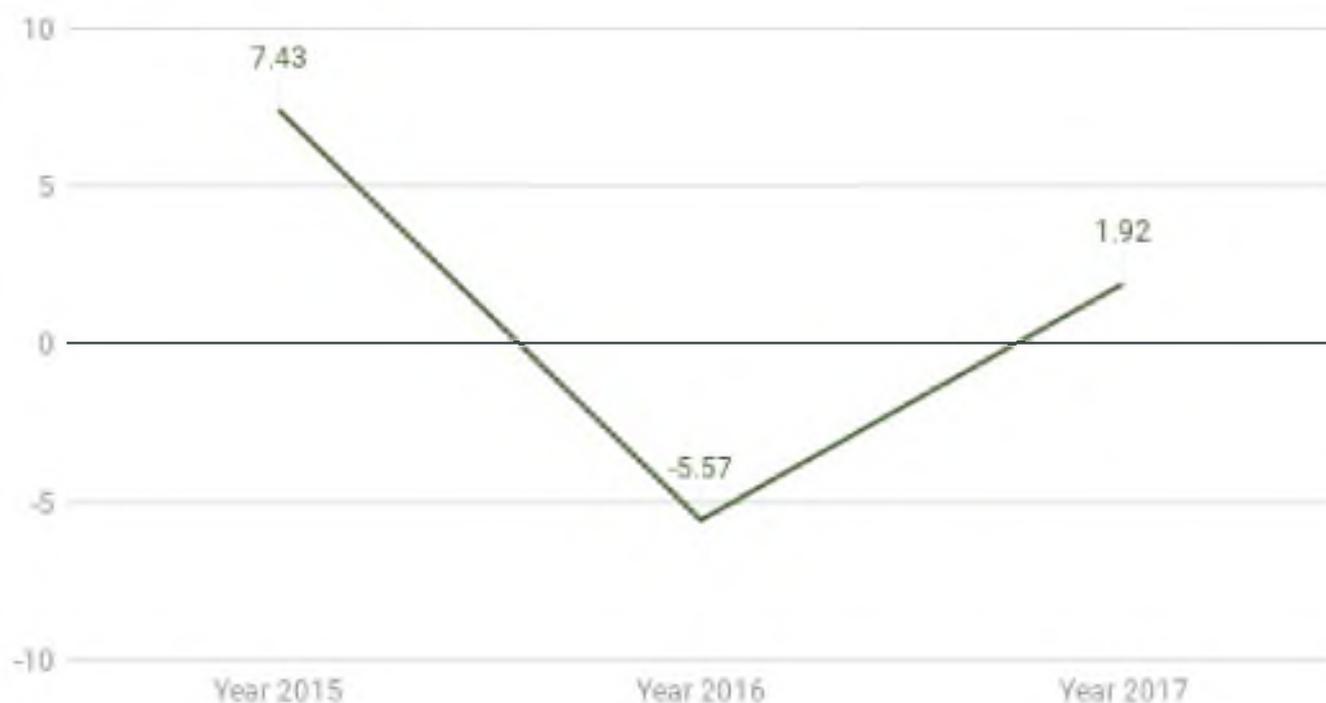
Financial Institutions: Year 2015 – Year 2017

Financial Institutions



Financial Institutions under Financial and Insurance sector grew by 1.92% in full year 2017 from -5.57% in 2016 and 7.43% in 2015

Financial Institutions



GDP REPORT Q4 2017

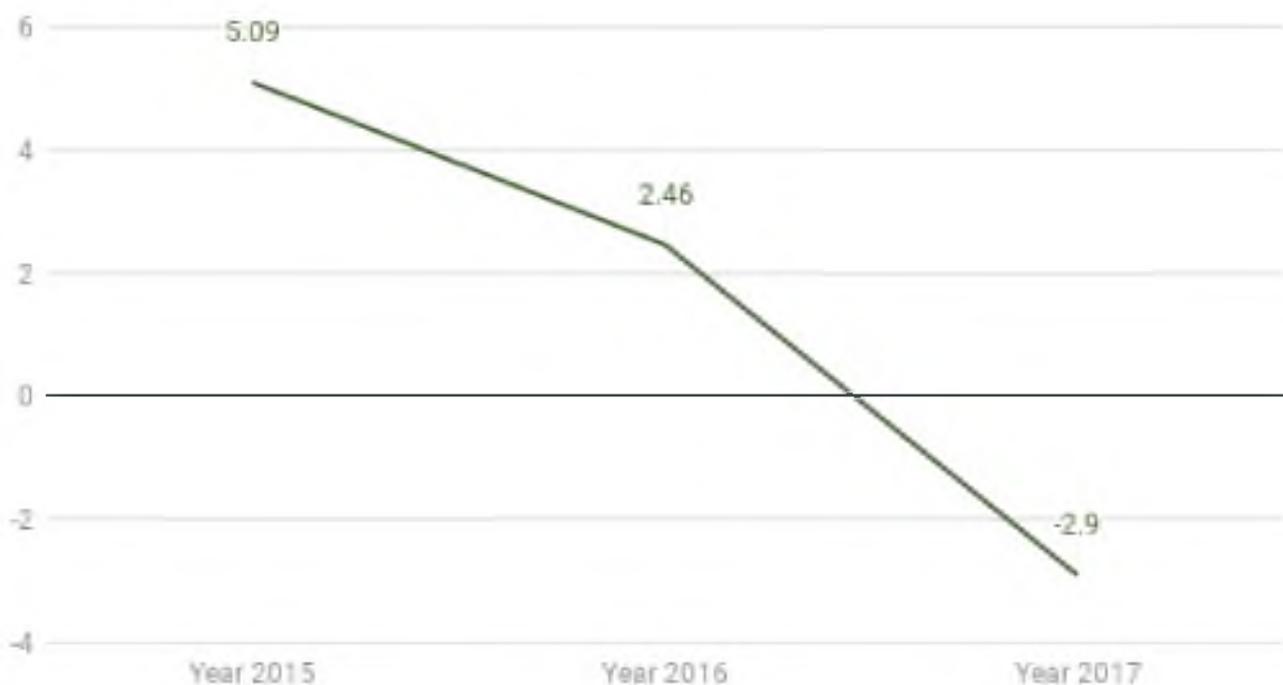
Insurance: Year 2015 – Year 2017

Insurance



Insurance under Financial and Insurance sector contracted by -2.9% in full year 2017 from 2.46% in 2016 and 5.09% in 2015.

Insurance



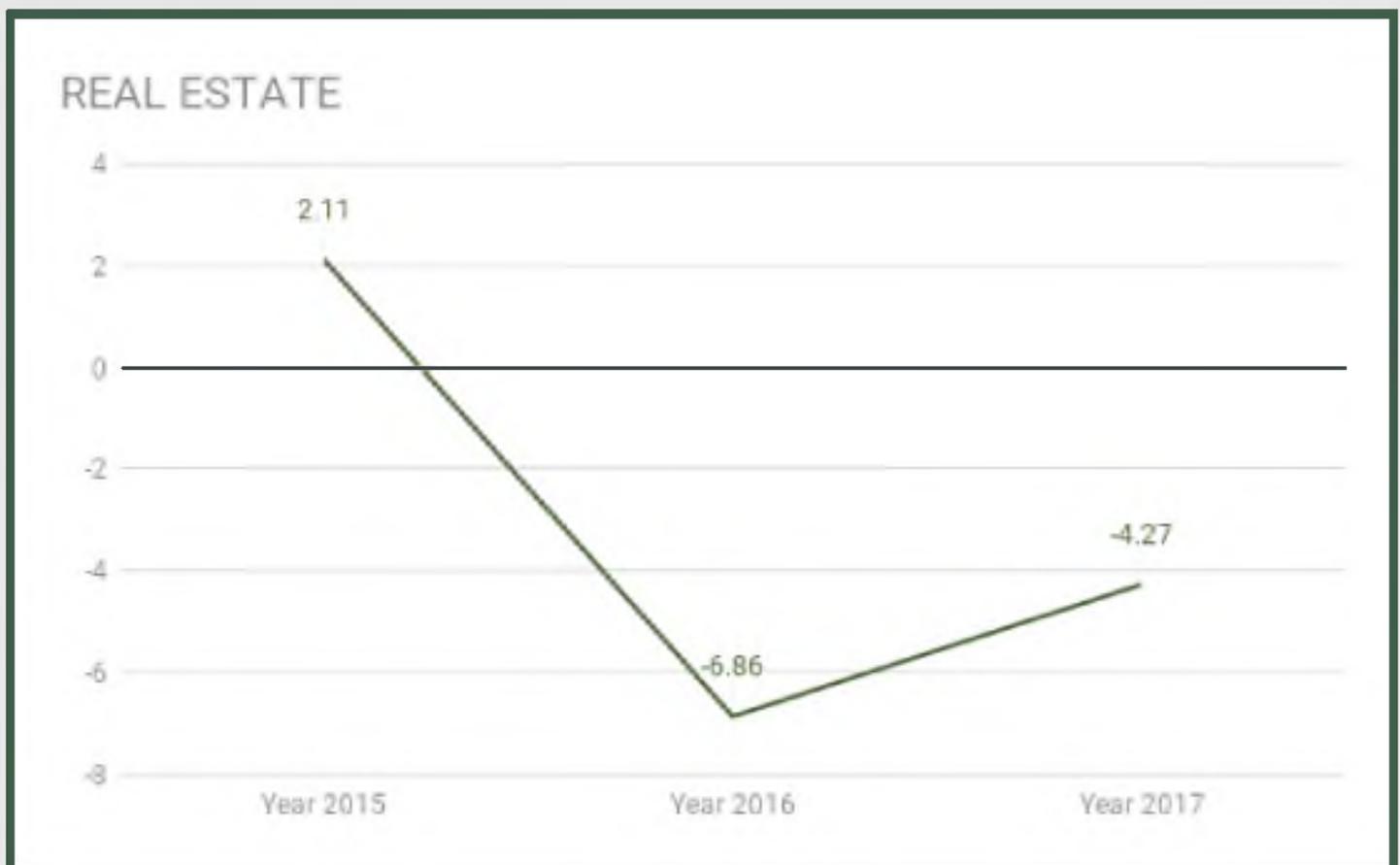
GDP REPORT Q4 2017

Real Estate: Year 2015 – Year 2017

Real Estate



Real Estate sector contracted by -4.27% in full year 2017 from -6.86% in 2016 and 2.11% in 2015.



GDP REPORT Q4 2017

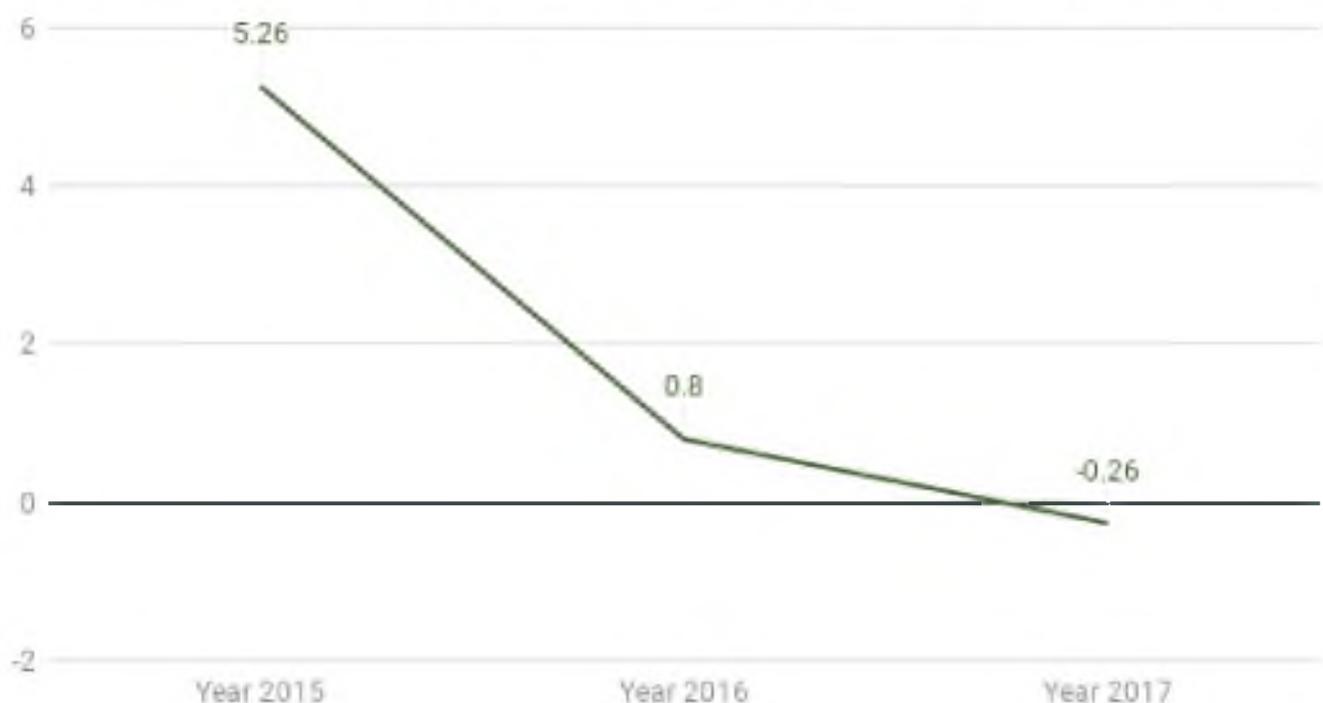
Professional, Scientific and Technical Services: Year 2015 – Year 2017

Professional, Scientific and Technical Services



Professional, Scientific and Technical Services sector contracted by -0.26% in full year 2017 from 0.8% in 2016 and 5.26% in 2015.

PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES



GDP REPORT Q4 2017

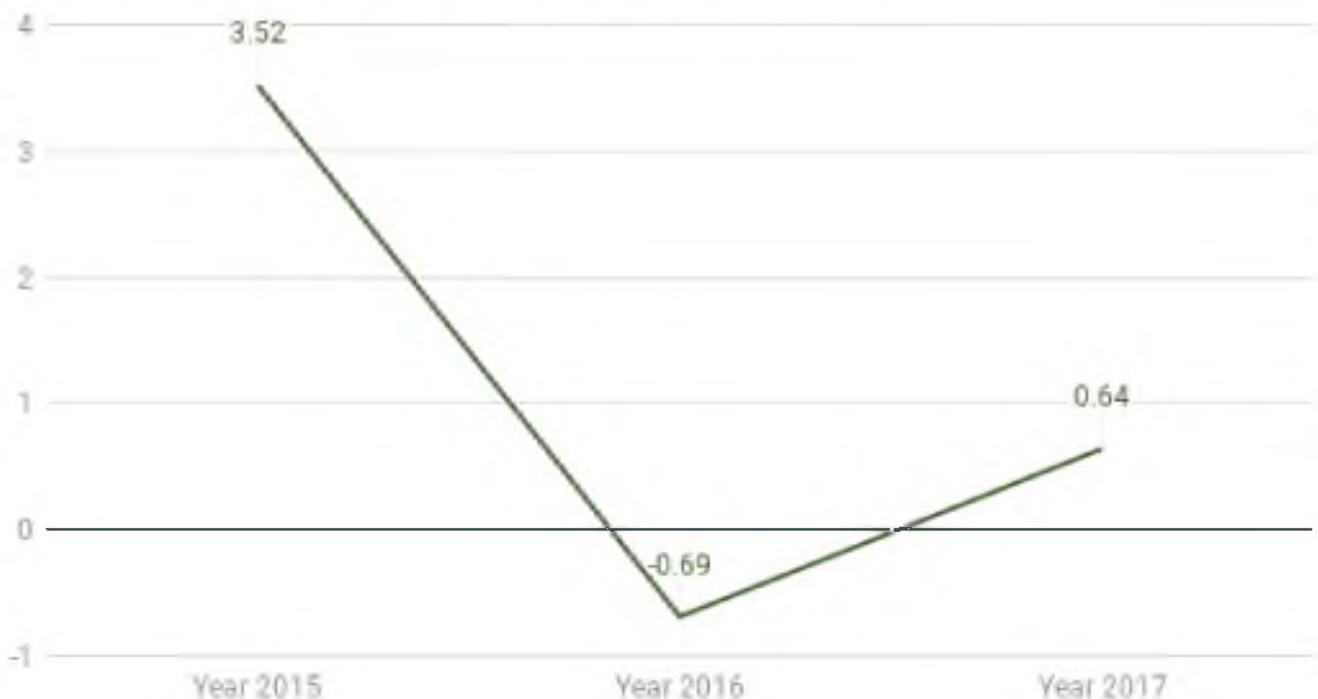
Administrative & Support Services: Year 2015 – Year 2017

Administrative & Support Services



Administrative & Support Services sector grew by 0.64% in full year 2017 from -0.69% in 2016 and 3.52% in 2015.

ADMINISTRATIVE & SUPPORT SERVICES



GDP REPORT Q4 2017

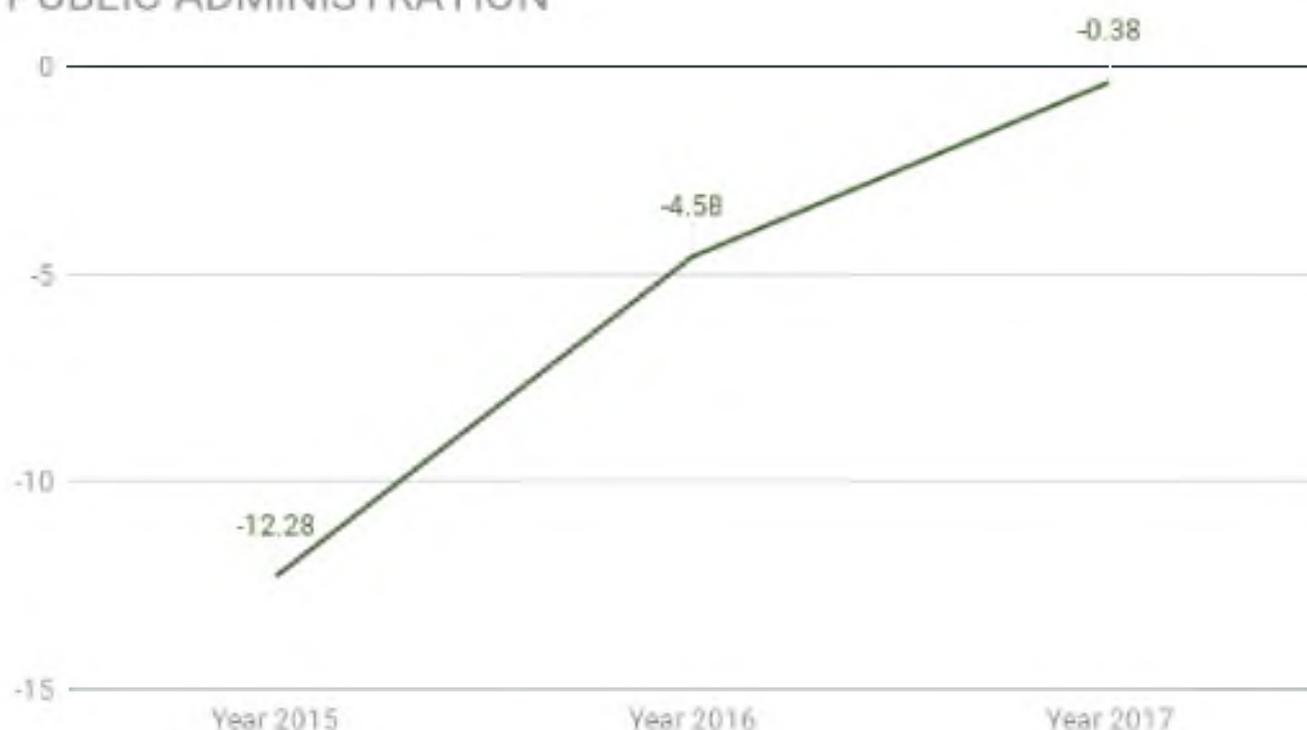
Public Administration: Year 2015 - Year 2017

Public Administration



Public Administration sector contracted by -0.38% in full year 2017 from -4.58% in 2016 and -12.28% in 2015.

PUBLIC ADMINISTRATION



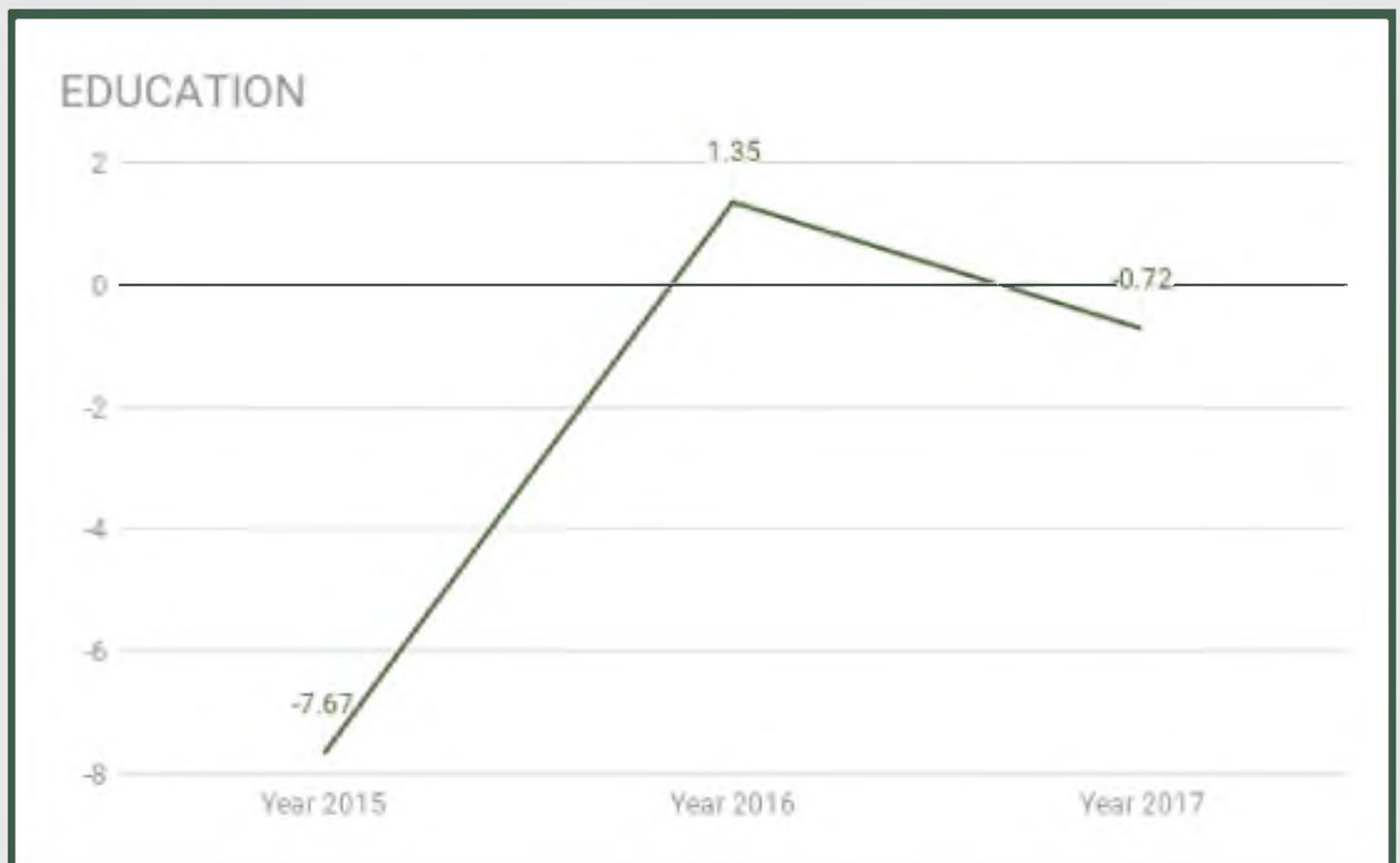
GDP REPORT Q4 2017

Education: Year 2015 – Year 2017

Education



Education sector contracted by -0.72% in full year 2017 from 1.35% in 2016 and -7.67% in 2015.



GDP REPORT Q4 2017

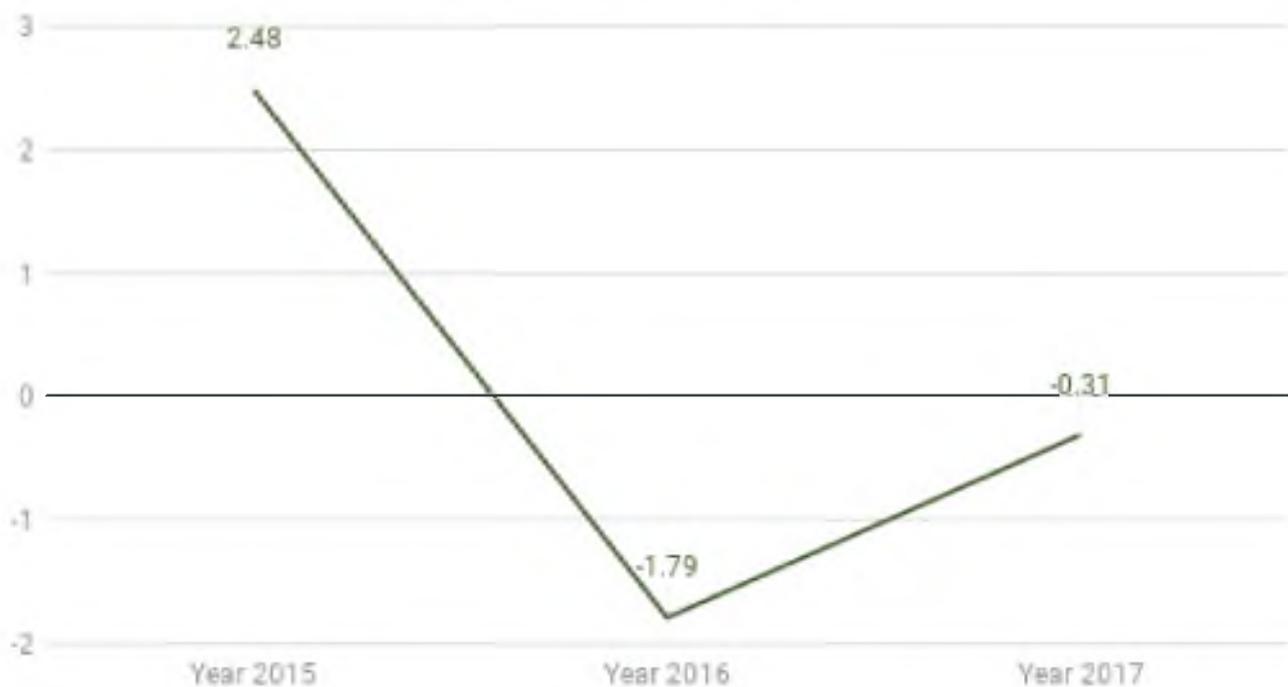
Human Health and Social Services: Year 2015 – Year 2017

Human Health and Social Services



Human Health and Social Services sector contracted by -0.31% in full year 2017 from -1.79% in 2016 and 2.48% in 2015.

HUMAN HEALTH AND SOCIAL SERVICES



GDP REPORT Q4 2017

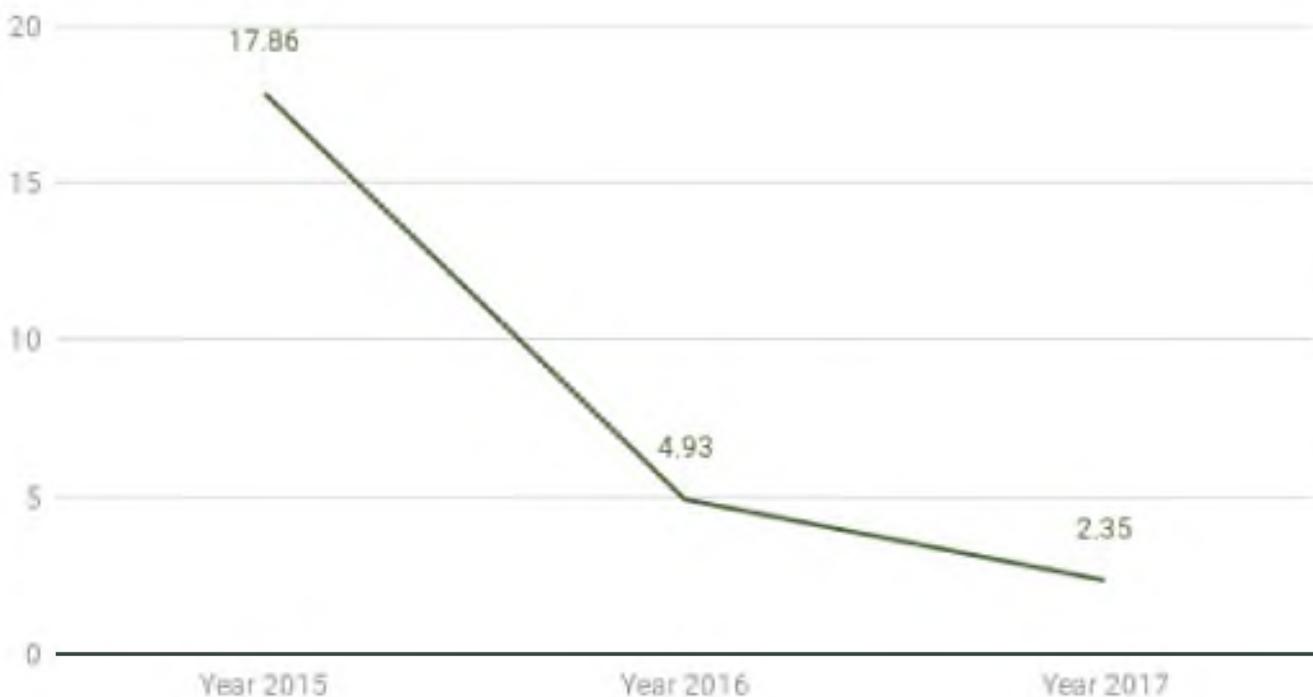
Other Services: Year 2015 - Year 2017

Other Services



Other Services sector grew by 2.35% in full year 2017 from 4.93% in 2016 and 17.86% in 2015.

OTHER SERVICES



Methodological Notes

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

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

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

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

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

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

1. AGRICULTURE

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

1.1 CROP PRODUCTION

Section A, Division 01 of ISIC Rev 4

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

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

1.2 LIVESTOCK PRODUCTION

Section A, Division 01 of ISIC Rev 4

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

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

1.3 FORESTRY

Section A, Division 02 of ISIC Rev 4

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

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

1.4 FISHING

Section A, Division 03 of ISIC Rev 4

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

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

2. MINING AND QUARRYING

Section B, Division 05-09 of ISIC Rev 4.0

2.1 CRUDE PETROLEUM AND NATURAL GAS

Section B, Division 06 of ISIC Rev 4

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

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

2.2 COAL MINING

Section B, Division 05 of ISIC Rev 4

Gross Output: Quantity produced multiplied by the average price.

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

2.3 METAL ORES

Section B, Division 07 of ISIC Rev 4

Gross Output: Quantity produced multiplied by the average price

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

2.4 QUARRYING AND OTHER MINING

Section B, Division 08 of ISIC Rev 4

Gross Output: Quantity produced multiplied by the average price

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

Methodological Notes

3. MANUFACTURING

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

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

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

4. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY

Section D, Division 35 of ISIC Rev 4.

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

Intermediate Consumption = other cost of sales + Indirect expenses

5. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION

Section E, Division 36 of ISIC Rev. 4

Gross output = Water revenue + Sewage revenue + New connections

Intermediate Consumption = other cost of sales + Indirect expenses

6. TRADE

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

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

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

7. CONSTRUCTION

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

Gross Output: Value of work done and other incomes.

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

8. ACCOMMODATION AND FOOD SERVICES

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

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

Intermediate Consumption includes expenses incurred in running the businesses.

9. TRANSPORTATION AND STORAGE

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

Methodological Notes

9.1 ROAD TRANSPORT

Section H, Division 49 of ISIC Rev 4

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

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

9.2 RAIL TRANSPORT AND PIPELINES

Section H, Division 49 of ISIC Rev 4

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

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

9.3 WATER TRANSPORT

Section H, Division 50 of ISIC Rev 4

Gross Output: Receipts from passengers and goods traffic.

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

9.4 AIR TRANSPORT

Section H, Division 51 of ISIC Rev 4

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

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

9.5 TRANSPORT SERVICES

Section H, Division 52 of ISIC Rev 4

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

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

9.6 POST AND COURIER SERVICES

Section H, Division 53 of ISIC Rev 4

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

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

10. INFORMATION AND COMMUNICATION

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

10.1 TELECOMMUNICATION AND INFORMATION SERVICES

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

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

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

10.2 PUBLISHING

Section J, Division 58 of ISIC Rev 4

Gross Output: Revenue from publishing services.

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

10.3 MOTION PICTURE AND SOUND RECORDING

Section J, Division 59 of ISIC Rev 4.

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

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

10.4 BROADCASTING

Section J, Division 60 of ISIC Rev 4

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

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

11. ARTS ENTERTAINMENT AND RECREATION

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

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

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

12. FINANCE AND INSURANCE SERVICES

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

12.1 FINANCIAL INSTITUTIONS

Section K, Division 64 of ISIC Rev 4

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

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

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

12.2. INSURANCE

Section K, Division 65 of ISIC Rev 4

Gross Output:

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

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

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

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

13. REAL ESTATE

Section L, Division 68 of ISIC Rev 4

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

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

14. PROFESSIONAL SCIENTIFIC AND TECHNICAL SERVICES

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

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

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

15. ADMINISTRATIVE AND SUPPORT SERVICES

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

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

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

16. PUBLIC ADMINISTRATION

Section O, Division 48 of ISIC Rev. 4

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

Methodological Notes

17. EDUCATION

Section P, division 85 of ISIC Rev. 4.

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

Government Production (non-market service):

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

Private Production (market service):

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

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

18. HUMAN HEALTH AND SOCIAL SERVICES

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

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

Government production (non-market service):

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

Private production (market service):

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

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

19. OTHER SERVICE ACTIVITIES

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

Gross Output: Income generated from the various services rendered

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

ACTIVITY SECTOR	2016					2017				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
AGRICULTURE	4,267,891.06	4,629,859.12	4,398,462.72	6,227,299.59	21,523,512.50	4,686,221.53	5,210,147.05	7,198,210.14	8,037,975.98	23,952,554.20
1. Crop Production	3,583,980.17	4,017,083.56	5,801,028.13	5,480,989.64	18,883,081.50	3,969,515.26	4,530,128.43	6,536,584.78	6,059,876.78	21,096,105.25
2. Livestock	464,969.11	437,827.87	433,401.39	539,584.99	1,875,783.35	487,870.92	474,213.64	465,642.41	546,720.78	1,974,447.76
3. Forestry	53,486.95	59,790.68	54,677.39	68,299.96	236,254.98	58,244.18	66,980.17	60,618.56	71,366.54	257,209.46
4. Fishing	165,454.83	115,157.00	109,355.82	138,425.01	528,392.66	170,591.17	138,824.80	135,364.39	180,011.39	624,791.74
MINING AND QUARRYING	894,875.82	984,631.23	1,633,051.61	1,954,986.52	5,469,543.18	2,153,730.67	2,451,642.64	3,288,254.07	3,591,758.74	10,489,386.12
5. Crude Petroleum and Natural Gas	887,489.93	959,563.14	1,602,716.19	1,917,553.43	5,367,322.68	2,141,964.14	2,420,354.42	3,250,087.96	2,550,953.23	10,363,359.75
6. Coal Mining	2,611.14	2,466.24	977.20	2,439.75	8,494.33	3,114.70	3,003.22	666.51	2,650.79	9,435.23
7. Metal Ores	2,120.44	1,652.10	1,197.00	773.20	5,742.73	3,490.31	1,896.67	1,469.26	1,076.96	7,933.20
8. Quarrying and Other Minerals	2,654.31	22,949.75	28,161.23	34,220.15	87,985.44	5,161.51	30,388.33	36,030.34	37,077.76	108,657.94
MANUFACTURING	3,077,044.07	2,107,844.50	2,281,441.18	2,441,886.53	8,903,235.28	3,422,504.72	2,438,599.01	2,516,862.31	2,864,289.91	10,044,404.95
9. Oil Refining	33,885.21	56,267.45	108,535.68	77,903.66	276,591.99	38,598.24	67,406.56	63,142.02	42,693.41	211,840.22
10. Cement	150,194.69	154,003.08	161,657.38	183,745.57	649,600.71	207,456.89	202,365.47	207,723.55	228,807.23	846,353.13
11. Food, Beverage and Tobacco	963,392.71	989,801.93	1,028,338.77	1,120,140.15	4,101,673.53	1,100,504.47	1,124,771.88	1,135,903.57	1,207,663.93	4,568,843.85
12. Textile, Apparel and Footwear	467,483.61	465,097.89	519,538.79	574,892.91	2,027,013.20	565,538.33	545,746.65	590,960.29	642,554.37	2,344,799.63
13. Wood and Wood Products	66,381.01	66,657.13	67,652.95	74,410.34	275,101.44	71,976.15	71,976.15	75,465.90	78,851.91	305,125.83
14. Pulp, Paper and Paper Products	16,106.38	16,495.54	18,354.49	19,756.30	70,712.70	20,429.23	20,198.64	21,885.68	23,678.96	86,192.51
15. Chemical and Pharmaceutical Products	46,277.50	50,384.71	49,434.19	51,631.12	197,727.53	51,561.70	57,459.04	57,193.09	58,911.99	225,125.81
16. Non-Metallic Products	88,691.97	80,878.46	87,443.92	87,076.50	344,090.85	103,797.46	102,818.52	107,446.40	104,177.74	418,240.11
17. Plastic and Rubber products	73,238.12	69,020.20	72,756.24	76,428.02	291,442.58	80,457.12	80,225.35	81,954.62	84,593.48	327,230.57
18. Electrical and Electronics	1,473.25	1,449.49	1,581.45	1,695.30	6,199.49	1,181.58	1,686.45	1,857.10	1,904.63	6,629.76
19. Basic metal, Iron and Steel	51,087.56	52,104.48	54,896.21	61,482.12	219,570.37	56,220.98	59,318.51	61,156.70	66,682.03	243,378.22
20. Motor vehicles & assembly	15,108.02	12,857.94	12,684.66	12,142.93	52,793.55	14,413.41	15,756.58	13,647.40	16,479.38	60,296.77
21. Other Manufacturing	103,724.05	87,844.20	98,566.44	100,581.62	390,718.31	103,513.43	88,859.22	98,526.01	109,529.86	400,478.53
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	81,605.50	111,451.87	126,536.16	205,083.38	524,676.91	74,078.41	177,267.07	159,286.13	257,286.20	667,917.81
23. WATER SUPPLY,SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	26,105.47	40,303.31	38,104.46	32,634.04	137,147.28	38,739.46	46,684.05	42,555.45	35,771.94	153,750.91
24. CONSTRUCTION	889,059.58	992,157.05	787,336.72	938,006.83	3,606,560.18	1,077,986.60	1,166,447.71	918,732.50	1,118,609.30	4,281,776.11
25. TRADE	4,796,793.53	4,969,298.29	5,267,421.16	5,642,347.03	20,675,860.01	5,256,545.00	5,208,659.47	5,290,494.84	5,618,029.93	21,573,729.25
26. ACCOMMODATION AND FOOD SERVICES	270,155.23	156,591.86	228,424.31	269,892.85	925,064.25	280,471.93	166,111.19	248,398.40	289,221.69	984,203.20
TRANSPORTATION AND STORAGE	345,733.61	370,575.49	418,741.66	438,469.36	1,573,520.12	443,591.30	378,606.50	421,159.81	544,133.28	1,787,490.89
27. Road Transport	303,508.85	321,487.88	358,720.46	374,965.78	1,358,682.97	396,619.77	330,356.64	360,765.61	477,071.70	1,564,813.72
28. Rail Transport & Pipelines	33.65	96.61	63.66	115.81	309.73	37.87	105.50	66.78	118.36	328.51
29. Water Transport	1,384.91	2,535.54	2,904.71	2,099.73	8,924.90	1,536.58	2,692.01	3,011.63	2,189.42	9,429.63
30. Air Transport	22,187.70	19,473.23	25,813.97	27,025.69	94,500.59	25,492.71	21,909.99	28,170.55	30,289.23	105,862.50
31. Transport Services	11,265.33	19,339.87	24,390.99	27,249.70	82,245.90	11,876.88	20,944.65	25,354.37	28,252.89	86,428.79
32. Post and Courier Services	7,353.17	7,642.36	6,847.87	7,012.65	28,856.04	8,027.49	2,597.70	3,790.87	6,211.68	20,627.75
INFORMATION AND COMMUNICATION	2,728,033.98	2,963,871.65	2,629,802.92	3,157,787.05	11,479,495.60	2,974,666.69	3,042,611.04	2,559,896.76	3,140,380.97	11,717,555.46
33. Telecommunications & Information Services	1,935,952.68	2,214,081.36	1,993,611.15	2,385,747.33	8,529,392.52	2,093,280.68	2,236,521.29	1,905,116.96	2,323,196.52	8,558,115.45
34. Publishing	7,415.25	7,742.30	6,914.29	7,749.12	29,820.96	8,130.38	8,703.43	7,335.02	8,063.05	32,231.88
34. Motion Pictures, Sound recording and Music production	326,908.48	296,731.27	273,585.92	302,753.05	1,199,978.72	366,113.40	300,071.12	275,218.32	307,703.32	1,249,106.17
36. Broadcasting	457,757.56	445,316.72	355,691.56	461,537.56	1,720,303.40	507,142.23	497,315.19	372,226.47	501,418.07	1,878,101.96
37. ARTS, ENTERTAINMENT AND RECREATION	66,140.35	60,249.17	54,113.27	58,875.40	239,378.20	80,344.17	63,426.48	55,982.25	61,333.59	261,086.50
FINANCIAL AND INSURANCE	825,589.28	861,337.29	932,150.02	974,250.80	3,593,327.39	939,747.14	1,013,586.15	895,973.70	986,469.77	3,835,776.76
38. Financial Institutions	717,338.93	718,080.15	816,822.29	847,631.03	3,099,872.40	815,974.46	855,185.40	780,280.32	878,646.78	3,330,086.95
39. Insurance	108,250.35	143,257.14	115,327.72	126,619.77	493,454.99	123,772.68	158,400.76	115,693.39	107,822.99	505,689.81
40. REAL ESTATE	1,649,385.19	2,029,084.56	2,179,118.81	2,482,836.65	8,340,425.20	1,823,650.64	2,154,258.54	2,213,792.25	2,399,842.66	8,591,544.09
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	939,623.00	1,040,119.54	1,233,523.54	1,294,497.73	4,507,763.81	1,078,130.37	1,089,087.78	1,243,454.39	1,316,130.31	4,726,802.85
42. ADMINISTRATIVE & SUPPORT SERVICES	5,416.58	6,135.56	6,892.82	7,079.86	25,524.81	6,199.42	6,431.15	7,093.21	7,307.07	27,030.85
43. PUBLIC ADMINISTRATION	614,130.42	691,747.57	679,963.00	797,987.74	2,783,828.73	680,037.73	748,997.23	689,995.70	802,554.71	2,921,585.36
44. EDUCATION	515,975.60	473,766.31	646,096.43	810,113.13	2,445,951.47	587,788.16	513,997.20	667,850.53	821,220.13	2,590,856.01
45. HUMAN HEALTH AND SOCIAL SERVICES	165,052.26	186,446.84	191,163.52	202,919.55	745,582.17	186,243.85	195,759.21	195,998.93	206,800.80	784,802.80
46. OTHER SERVICES	1,076,704.78	874,975.70	805,306.68	1,232,104.94	3,989,092.10	1,237,678.25	953,940.99	837,312.61	1,287,782.25	4,318,714.11
GDP Current Basic Price	22,235,315.29	23,547,466.91	26,537,651.01	29,169,058.99	101,489,492.20	26,028,356.03	27,030,250.47	29,451,303.99	31,309,137.74	113,719,048.23
Net Indirect Taxes on Products	200,149.01	189,830.58	333,359.75	362,586.50	1,085,925.83	200,495.49	236,144.45	378,336.31	372,639.03	1,187,615.29
GDP Current Market Price	22,435,464.29	23,737,297.49	26,871,010.76	29,531,645.49	102,575,418.03	26,228,851.52	27,266,394.92	29,829,640.30	31,581,776.77	114,906,663.52

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

ACTIVITY SECTOR	2016					Total	2017				Total
	Q1	Q2	Q3	Q4	Q1		Q2	Q3	Q4		
AGRICULTURE	3,274,725.01	3,635,533.13	5,035,069.06	4,662,010.12	16,607,337.33	3,385,600.83	3,745,091.59	5,189,365.99	4,859,436.87	17,179,495.29	
1. Crop Production	2,844,122.16	3,224,828.52	4,639,609.64	4,185,887.50	14,894,447.82	2,943,533.29	3,328,488.10	4,787,569.00	4,377,459.30	15,437,049.70	
2. Livestock	292,862.48	282,785.95	276,910.05	332,559.97	1,185,118.44	297,903.42	289,226.70	283,888.28	333,186.85	1,204,205.25	
3. Forestry	39,164.90	44,448.45	40,197.38	47,831.92	171,642.65	40,177.39	46,178.84	41,785.42	49,185.32	177,326.97	
4. Fishing	98,575.47	83,470.22	78,352.00	95,730.73	356,128.42	103,986.72	81,197.95	76,123.29	99,605.40	360,913.36	
MINING AND QUARRYING	1,033,899.50	1,450,437.26	1,446,354.49	1,759,135.50	5,759,816.75	1,356,847.14	1,501,304.41	1,814,242.80	1,359,423.26	6,031,717.60	
5. Crude Petroleum and Natural Gas	1,597,161.50	1,426,084.54	1,420,267.99	1,228,692.98	5,672,207.01	1,347,988.99	1,476,395.35	1,787,915.72	1,331,685.22	5,943,985.28	
6. Coal Mining	2,364.12	2,193.56	827.39	1,959.58	7,344.65	2,412.00	2,301.48	508.94	2,015.59	7,238.00	
7. Metal Ores	1,919.84	1,469.44	1,013.49	621.03	5,023.79	2,702.87	1,453.48	1,121.90	818.89	6,097.14	
8. Quarrying and Other Minerals	2,454.04	20,689.72	24,245.62	27,851.92	75,241.30	3,743.28	21,154.10	24,696.25	24,803.55	74,397.17	
MANUFACTURING	1,532,488.04	1,519,446.03	1,614,894.65	1,445,401.73	6,302,232.45	1,543,187.49	1,529,172.70	1,568,854.70	1,547,485.91	6,288,896.80	
9. Oil Refining	26,410.96	42,587.24	81,231.08	55,737.15	205,966.43	27,206.96	47,391.31	44,354.72	29,963.41	148,916.39	
10. Cement	138,280.63	138,121.89	140,420.39	147,390.95	564,213.86	140,817.47	132,380.87	134,023.07	144,554.09	551,775.50	
11. Food, Beverage and Tobacco	659,616.06	675,879.24	694,139.75	723,263.90	2,752,898.95	686,440.44	693,948.73	698,174.96	738,999.49	2,817,563.62	
12. Textile, Apparel and Footwear	345,416.24	330,071.83	354,977.89	377,038.36	1,407,504.32	349,453.19	330,719.15	355,652.09	383,250.01	1,419,074.45	
13. Wood and Wood Products	50,453.54	47,707.31	48,201.76	50,566.66	196,929.27	51,695.97	46,709.66	48,798.24	50,773.95	197,977.82	
14. Pulp, Paper and Paper Products	12,492.59	12,333.79	13,192.34	13,412.39	51,431.11	12,646.91	12,105.22	12,960.33	13,778.12	51,490.58	
15. Chemical and Pharmaceutical Products	36,307.23	39,742.31	38,819.59	37,923.39	152,792.52	35,980.46	39,354.50	38,914.52	39,745.04	153,994.53	
16. Non-Metallic Products	61,778.63	56,733.98	59,780.13	56,202.26	234,495.00	61,327.61	58,894.29	60,848.00	58,029.85	239,099.75	
17. Plastic and Rubber products	56,510.39	53,631.97	55,097.84	55,027.86	220,268.05	55,504.21	54,564.76	55,465.63	56,906.27	222,440.87	
18. Electrical and Electronics	969.10	1,190.88	1,268.82	1,288.19	4,716.98	839.32	1,170.67	1,278.52	1,296.74	4,585.25	
19. Basic metal, Iron and Steel	40,084.41	41,337.24	42,624.12	45,353.33	169,399.09	39,766.45	41,393.54	42,475.63	46,049.35	169,684.98	
20. Motor vehicles & assembly	11,900.31	9,628.57	8,305.61	7,559.88	37,394.36	7,500.40	7,729.40	6,539.57	7,576.98	29,346.34	
21. Other Manufacturing	81,267.96	70,481.78	76,835.33	78,637.42	304,222.48	74,008.09	62,810.58	69,369.42	76,758.62	282,946.71	
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	32,114.12	53,030.91	57,617.36	88,807.34	231,569.73	30,495.03	71,858.90	64,222.68	103,044.30	269,620.92	
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	23,090.92	29,775.46	27,815.32	22,993.73	103,675.42	26,007.05	30,801.31	27,906.10	23,276.55	107,991.01	
24. CONSTRUCTION	659,950.18	693,744.65	543,808.12	623,349.23	2,520,852.18	660,920.64	694,618.72	541,311.33	649,140.64	2,545,991.32	
25. TRADE	2,909,263.86	2,833,632.17	2,879,664.75	3,046,500.61	11,669,061.39	2,819,562.17	2,787,855.05	2,829,605.68	3,109,422.75	11,546,445.65	
26. ACCOMMODATION AND FOOD SERVICES	183,250.31	107,242.41	152,906.74	176,019.77	619,419.23	175,995.55	102,896.77	177,393.88	609,465.66	609,465.66	
TRANSPORTATION AND STORAGE	190,912.72	189,398.68	210,972.66	217,313.23	808,597.29	211,047.14	177,693.89	197,780.18	253,325.52	839,846.73	
27. Road Transport	162,955.48	162,141.86	174,540.74	179,667.15	679,305.23	183,087.18	150,467.56	163,552.58	215,060.92	712,168.24	
28. Rail Transport & Pipelines	19.91	56.65	35.75	62.95	175.25	20.40	56.75	35.91	63.60	176.65	
29. Water Transport	761.08	1,351.68	1,509.67	1,064.21	4,686.63	774.52	1,354.88	1,514.99	1,100.81	4,745.20	
30. Air Transport	14,729.99	12,651.49	16,131.20	16,541.41	60,054.09	14,955.75	12,670.16	16,208.84	17,320.88	61,155.63	
31. Transport Services	6,665.68	11,340.04	13,695.53	14,883.01	46,584.26	6,398.28	11,266.34	13,728.09	15,291.76	46,684.47	
32. Post and Courier Services	5,780.58	1,856.97	5,059.77	5,094.51	17,791.83	5,811.02	1,878.20	2,739.78	4,487.54	14,916.54	
INFORMATION AND COMMUNICATION	1,915,707.67	2,044,476.85	1,781,886.93	2,116,626.83	7,858,698.29	1,968,087.82	2,020,909.34	1,702,138.41	2,085,761.40	7,776,896.97	
33. Telecommunications & Information Services	1,411,743.39	1,580,140.43	1,398,963.43	1,662,816.04	6,053,663.28	1,452,572.74	1,549,800.78	1,319,535.29	1,608,337.27	5,930,246.07	
34. Publishing, Motion Pictures, Sound recording and Music production	4,706.75	4,843.28	4,108.69	4,469.17	18,127.90	4,755.39	4,980.54	4,195.90	4,610.60	18,542.43	
35. Broadcasting	208,001.25	183,742.81	164,694.28	177,994.53	734,432.87	214,136.58	175,412.54	160,854.80	179,807.74	730,211.66	
36. Other Information and Communication	291,256.28	275,750.33	214,120.54	271,347.09	1,052,474.24	296,623.12	290,715.48	217,552.43	293,005.78	1,097,896.81	
37. ARTS, ENTERTAINMENT AND RECREATION	42,082.96	37,307.67	32,575.31	34,614.02	146,579.96	46,992.61	37,077.21	32,719.53	35,840.55	152,629.90	
FINANCIAL AND INSURANCE											
38. Financial Institutions	435,067.34	409,469.28	446,551.41	457,665.65	1,748,753.70	437,681.16	457,724.86	417,330.64	469,589.25	1,782,325.91	
39. Insurance	65,654.03	81,689.21	63,048.91	68,366.44	278,758.60	66,390.52	84,781.57	61,878.27	57,625.56	270,675.93	
40. REAL ESTATE	1,033,869.15	1,220,527.28	1,259,867.76	1,389,340.45	4,903,604.64	1,001,774.13	1,177,497.33	1,207,994.54	1,307,125.27	4,694,391.27	
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	569,883.03	593,105.10	674,359.27	698,944.63	2,536,292.03	578,299.17	582,917.52	665,057.94	703,400.56	2,529,675.19	
42. ADMINISTRATIVE & SUPPORT SERVICES	3,285.16	3,498.66	3,768.26	3,822.66	14,374.75	3,325.31	3,442.17	3,793.78	3,905.23	14,466.50	
43. PUBLIC ADMINISTRATION	372,471.20	394,453.72	371,731.33	430,861.50	1,569,517.75	364,765.95	400,889.27	369,042.18	428,922.14	1,563,619.55	
44. EDUCATION	341,069.10	303,373.68	393,011.56	481,478.75	1,518,933.09	344,006.91	299,293.86	388,210.65	476,471.37	1,507,982.79	
45. HUMAN HEALTH AND SOCIAL SERVICES	111,906.83	119,462.76	119,281.89	125,038.53	475,690.00	118,310.03	118,310.52	118,263.47	124,563.23	474,237.26	
46. OTHER SERVICES	653,023.38	498,935.49	440,255.90	665,256.58	2,257,471.35	663,879.18	510,582.27	447,834.20	688,250.06	2,310,545.71	
GDP at 2010 constant price	15,943,714.54	16,218,542.41	17,555,441.69	18,213,537.29	67,931,235.93	15,797,965.83	16,334,719.27	17,800,732.97	18,563,499.87	68,496,917.93	
Net Indirect Taxes on Products	143,515.78	130,747.62	220,527.34	226,403.69	721,194.44	121,691.16	142,705.05	228,671.15	221,849.34	714,718.71	
GDP Constant Market Price	16,087,230.32	16,349,290.03	17,775,969.03	18,439,940.98	68,652,430.36	15,919,656.99	16,477,424.32	18,029,404.12	18,785,349.20	69,211,636.64	

Implicit Price Deflators

	2016					2017				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
ACTIVITY SECTOR										
AGRICULTURE										
1. Crop Production	126.01	124.57	125.03	130.94	126.78	134.86	136.10	136.53	138.43	136.66
2. Livestock	158.77	154.83	156.51	162.25	158.28	163.77	163.96	164.02	164.09	163.96
3. Forestry	136.57	134.52	136.02	142.79	137.64	144.97	145.05	145.07	145.10	145.05
4. Fishing	167.85	137.96	139.57	144.60	148.37	164.05	170.97	177.82	180.72	173.11
MINING AND QUARRYING										
5. Crude Petroleum and Natural Gas	55.57	67.29	112.85	156.06	94.62	158.90	163.94	181.78	191.56	174.35
6. Coal Mining	110.45	112.43	118.11	124.50	115.65	129.13	130.49	130.96	131.51	130.36
7. Metal Ores	110.45	112.43	118.11	124.50	114.31	129.13	130.49	130.96	131.51	130.11
8. Quarrying and Other Minerals	108.16	110.92	116.15	122.86	116.94	137.89	143.65	145.89	149.49	146.05
MANUFACTURING										
9. Oil Refining	128.30	132.12	133.61	139.77	134.29	141.87	142.23	142.36	142.49	142.25
10. Cement	108.62	111.50	115.12	124.67	115.13	147.32	152.87	154.99	158.28	153.39
11. Food, Beverage and Tobacco	146.05	146.45	148.15	154.87	148.99	160.32	162.08	162.70	163.42	162.16
12. Textile, Apparel and Footwear	135.34	140.91	146.36	152.48	144.01	161.84	165.02	166.16	167.66	165.23
13. Wood and Wood Products	131.57	139.72	140.35	147.15	139.70	152.49	154.09	154.65	155.30	154.12
14. Pulp, Paper and Paper Products	128.93	133.74	139.13	147.30	137.49	161.54	166.86	168.87	171.86	167.39
15. Chemical and Pharmaceutical Products	127.46	126.78	127.34	136.15	129.41	143.30	146.00	146.97	148.22	146.19
16. Non-Metallic Products	143.56	142.56	146.28	154.93	146.74	169.25	174.58	176.58	179.52	174.92
17. Plastic and Rubber products	129.60	128.69	132.05	138.89	132.31	144.96	147.03	147.76	148.65	147.11
18. Electrical and Electronics	152.02	121.72	124.64	131.60	131.43	140.78	144.06	145.25	146.88	144.59
19. Basic metal , Iron and Steel	127.45	126.05	128.79	135.56	129.62	141.38	143.30	143.98	144.81	143.43
20. Motor vehicles & assembly	126.95	133.54	152.72	160.62	141.18	192.17	203.85	208.69	217.49	205.47
21. Other Manufacturing	126.08	124.64	128.28	134.76	128.43	139.87	141.47	142.03	142.69	141.52
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	254.11	210.16	219.61	230.93	226.57	242.92	246.69	248.02	249.69	247.72
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	113.06	135.36	136.99	141.93	132.29	148.96	151.57	152.50	153.68	151.63
24. CONSTRUCTION	134.72	143.01	144.78	150.48	143.07	163.10	167.93	169.72	172.32	168.18
25. TRADE	164.88	175.37	182.92	185.21	177.19	186.43	186.83	186.97	187.11	186.84
26. ACCOMMODATION AND FOOD SERVICES	147.42	146.02	149.39	153.33	149.34	159.36	161.43	162.16	163.04	161.49
TRANSPORTATION AND STORAGE										
27. Road Transport	186.25	198.28	205.52	208.70	200.01	216.63	219.55	220.58	221.83	219.73
28. Rail Transport & Pipelines	169.00	170.55	178.09	183.98	176.73	185.63	185.90	186.00	186.09	185.96
29. Water Transport	181.97	187.58	192.41	197.31	190.43	198.39	198.69	198.79	198.89	198.72
30. Air Transport	150.63	153.92	160.03	163.38	157.36	170.45	172.93	173.80	174.87	173.10
31. Transport Services	169.00	170.55	178.09	183.09	176.55	185.63	185.90	184.69	184.76	185.13
32. Post and Courier Services	127.20	411.55	135.34	137.65	162.19	138.14	138.31	138.36	138.42	138.29
INFORMATION AND COMMUNICATION										
33. Telecommunications & Information Services	137.13	140.12	142.51	143.48	140.90	144.11	144.31	144.38	144.45	144.31
34. Publishing	157.54	159.86	168.28	173.39	164.50	170.97	174.75	174.81	174.88	173.83
34. Motion Pictures, Sound recording and Music production	157.17	161.49	166.12	170.09	163.39	170.97	171.07	171.10	171.13	171.06
36. Broadcasting	157.17	161.49	166.12	170.09	163.45	170.97	171.07	171.10	171.13	171.06
37. ARTS, ENTERTAINMENT AND RECREATION	157.17	161.49	166.12	170.09	163.31	170.97	171.07	171.10	171.13	171.06
FINANCIAL AND INSURANCE										
38. Financial Institutions	164.88	175.37	182.92	185.21	177.26	186.43	186.83	186.97	187.11	186.84
39. Insurance	164.88	175.37	182.92	185.21	177.02	186.43	186.83	186.97	187.11	186.82
40. REAL ESTATE	159.54	166.25	172.96	178.71	170.09	182.04	182.95	183.26	183.60	183.02
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	164.88	175.37	182.92	190.79	177.73	186.43	186.83	186.97	187.11	186.85
42. ADMINISTRATIVE & SUPPORT SERVICES	164.88	175.37	182.92	190.79	177.57	186.43	186.83	186.97	187.11	186.85
43. PUBLIC ADMINISTRATION	164.88	175.37	182.92	190.79	177.37	186.43	186.83	186.97	187.11	186.85
44. EDUCATION	151.28	156.17	164.40	173.06	161.03	170.87	171.74	172.03	172.35	171.81
45. HUMAN HEALTH AND SOCIAL SERVICES	147.49	156.07	160.26	164.57	156.74	164.67	165.46	165.73	166.02	165.49
46. OTHER SERVICES	164.88	175.37	182.92	190.79	176.71	186.43	186.83	186.97	187.11	186.83
GDP Deflator constant price	139.46	145.19	151.16	160.15	149.40	164.76	165.48	165.45	168.12	166.02

ACTIVITY SECTOR	Q1 2016	Q2 2016	Q3 2016	Q4 2016	2016 Full	Q1 2017	Q2 2017	Q3 2017	Q4 2017	2017 FULL YEAR
AGRICULTURE	3.09	4.53	4.54	4.03	4.11	3.39	3.01	3.06	4.23	3.45
1. Crop Production	3.02	4.72	4.88	4.36	4.34	3.50	3.21	3.19	4.58	3.64
2. Livestock	3.86	6.32	0.76	1.23	2.94	1.72	2.28	2.52	0.19	1.61
3. Forestry	2.31	3.84	2.08	2.22	2.62	2.59	3.89	3.95	2.83	3.31
4. Fishing	3.25	-6.85	-0.34	0.76	-0.72	5.49	-2.72	-2.84	4.05	1.34
MINING AND QUARRYING	-5.84	-11.42	-22.65	-17.26	-14.45	-15.40	3.51	25.44	7.96	4.72
5. Crude Petroleum and Natural Gas	-4.81	-11.63	-23.04	-17.70	-14.45	-15.60	3.53	25.89	8.38	4.79
6. Coal Mining	3.34	2.68	-7.76	0.44	1.00	2.03	4.92	-38.49	2.86	-1.45
7. Metal Ores	57.03	4.22	6.89	7.03	20.74	40.79	-1.09	10.70	31.86	21.37
8. Quarrying and Other Minerals	-88.87	2.52	7.07	6.13	-17.42	52.54	2.24	1.86	-10.94	-1.12
MANUFACTURING	-7.00	-3.36	-4.38	-2.54	-4.32	1.36	0.64	-2.85	0.14	-0.21
9. Oil Refining	-22.59	49.19	-0.86	-0.97	2.53	3.01	11.28	-45.40	-46.24	-27.70
10. Cement	-4.35	-5.48	-6.26	-5.32	-5.36	1.83	-4.16	-4.56	-1.92	-2.20
11. Food, Beverage and Tobacco	-11.12	-5.53	-5.75	-2.65	-6.27	4.07	2.67	0.58	2.18	2.35
12. Textile, Apparel and Footwear	-2.96	-1.71	-0.91	1.08	-1.09	1.17	0.20	0.19	1.65	0.82
13. Wood and Wood Products	-0.34	-5.94	-6.30	-3.54	-4.04	2.46	-2.09	1.24	0.41	0.53
14. Pulp, Paper and Paper Products	-1.55	-6.17	-4.33	-4.53	-4.17	1.24	-1.85	-1.76	2.73	0.12
15. Chemical and Pharmaceutical Products	5.89	2.35	-1.53	-1.38	1.19	-0.90	-0.98	0.24	4.80	0.79
16. Non-Metallic Products	5.51	2.92	3.02	1.22	3.20	-0.73	3.81	1.79	3.25	1.96
17. Plastic and Rubber products	4.80	3.11	3.18	3.25	3.59	-1.78	1.74	0.67	3.41	0.99
18. Electrical and Electronics	-21.25	-2.36	-4.08	-5.37	-8.13	-13.39	-1.70	0.76	0.66	-2.79
19. Basic metal, Iron and Steel	-1.04	1.87	0.97	1.02	0.72	-0.79	0.14	-0.35	1.53	0.17
20. Motor vehicles & assembly	-19.19	-29.35	-33.31	-36.31	-29.01	-36.97	-19.72	-21.26	0.23	-21.52
21. Other Manufacturing	-12.22	-13.13	-14.92	-15.73	-14.00	-10.04	-10.88	-9.72	2.84	-6.99
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	-44.46	-10.46	-6.68	-5.16	-15.00	-5.04	35.50	11.46	16.03	16.43
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	9.59	8.46	8.66	10.76	9.27	12.63	3.45	0.33	1.23	4.16
24. CONSTRUCTION	-5.37	-6.28	-6.13	-6.03	-5.95	0.15	0.13	-0.46	4.14	1.00
25. TRADE	2.02	-0.03	-1.38	-1.44	-0.24	-3.08	-1.62	-1.74	2.07	-1.05
26. ACCOMMODATION AND FOOD SERVICES	-7.41	-6.39	-4.88	-2.74	-5.32	-3.96	-4.05	0.18	0.78	-1.61
TRANSPORTATION AND STORAGE	14.73	-5.34	0.72	-5.32	0.39	10.55	-6.18	-6.25	16.57	3.86
27. Road Transport	16.92	-3.71	1.26	-4.26	1.72	12.35	-7.20	-6.30	19.70	4.84
28. Rail Transport & Pipelines	-3.27	-1.23	0.15	0.30	-0.65	2.47	0.18	0.45	1.04	0.80
29. Water Transport	3.76	0.82	1.02	1.05	1.40	1.77	0.24	0.35	3.44	1.25
30. Air Transport	2.18	-2.56	-3.12	-13.25	-4.86	1.53	0.15	0.48	4.71	1.83
31. Transport Services	2.23	-1.52	-0.70	-2.63	-1.12	-4.01	-0.65	0.24	2.75	0.22
32. Post and Courier Services	8.37	-67.88	-1.10	-20.19	-21.33	0.53	1.14	-45.85	-11.91	-16.16
INFORMATION AND COMMUNICATION	4.07	1.35	1.11	1.38	1.95	2.73	-1.15	-4.48	-1.46	-1.04
33. Telecommunications & Information Services	5.00	1.49	0.95	1.03	2.03	2.89	-1.92	-5.68	-3.28	-2.04
34. Publishing,	4.31	2.37	2.42	0.46	2.40	1.03	2.83	2.12	3.16	2.29
34. Motion Pictures, Sound recording and Music production	-5.12	-6.01	-3.69	-1.08	-4.08	2.95	-4.53	-2.33	1.02	-0.57
36. Broadcasting	6.85	6.05	6.27	5.33	6.13	1.84	5.43	1.60	7.98	4.32
37. ARTS, ENTERTAINMENT AND RECREATION	8.41	1.80	1.99	2.04	3.72	11.67	-0.62	0.44	3.54	4.13
FINANCIAL AND INSURANCE	-11.28	-10.82	2.64	2.68	-4.54	0.67	10.45	-5.96	0.22	1.26
38. Financial Institutions	-13.16	-13.24	2.85	2.92	-5.57	0.60	11.78	-6.54	2.61	1.92
39. Insurance	3.57	3.72	1.22	1.09	2.46	1.12	3.79	-1.86	-15.71	-2.90
40. REAL ESTATE	-4.69	-5.27	-7.37	-9.27	-6.86	-3.10	-3.53	-4.12	-5.92	-4.27
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	-0.93	1.07	1.40	1.45	0.80	1.48	-1.72	-1.38	0.64	-0.26
42. ADMINISTRATIVE & SUPPORT SERVICES	-0.88	-4.06	0.01	2.07	-0.69	1.22	-1.61	0.68	2.16	0.64
43. PUBLIC ADMINISTRATION	-4.40	-6.13	-3.57	-4.15	-4.58	-2.07	1.63	-0.72	-0.45	-0.38
44. EDUCATION	3.82	2.88	-0.11	-0.09	1.35	0.86	-1.34	-1.22	-1.04	-0.72
45. HUMAN HEALTH AND SOCIAL SERVICES	0.55	-2.64	-2.31	-2.49	-1.79	1.07	-0.96	-0.85	-0.38	-0.31
46. OTHER SERVICES	8.04	4.32	4.01	3.07	4.93	1.66	2.33	1.72	3.46	2.35
GDP at 2010 constant price	-0.67	-1.49	-2.34	-1.73	-1.58	-0.91	0.72	1.40	1.92	0.83

ACTIVITY SECTOR	Q1 2016	Q2 2016	Q3 2016	Q4 2016	2016 Full	Q1 2017	Q2 2017	Q3 2017	Q4 2017	2017 FULL YEAR
AGRICULTURE	14.15	13.24	7.37	6.45	9.61	9.80	12.53	12.50	10.13	11.29
1. Crop Production	14.09	14.40	7.76	6.34	9.85	10.76	12.77	12.68	10.56	11.72
2. Livestock	10.45	9.20	3.47	6.37	7.31	4.93	8.31	7.44	1.32	5.26
3. Forestry	3.69	5.69	4.51	9.54	6.03	8.89	12.02	10.87	4.49	8.87
4. Fishing	32.41	-3.91	3.98	9.71	10.97	3.10	20.55	23.78	30.04	18.24
MINING AND QUARRYING	-36.90	-44.32	4.29	45.46	-10.34	140.67	148.89	101.36	32.57	91.78
5. Crude Petroleum and Natural Gas	-36.20	-45.05	4.09	46.02	-10.40	141.35	152.24	102.79	33.03	93.08
6. Coal Mining	7.06	1.06	1.06	14.16	6.40	19.28	21.77	-31.79	8.65	11.08
7. Metal Ores	62.69	9.14	17.11	24.24	28.72	64.60	14.80	22.75	39.29	38.14
8. Quarrying and Other Minerals	-88.69	6.61	16.46	22.30	-9.43	94.46	32.41	27.94	8.35	23.50
MANUFACTURING	-2.98	-1.02	-2.93	3.56	-0.79	16.63	15.97	10.32	9.20	12.82
9. Oil Refining	-18.36	59.67	6.46	12.37	11.52	13.91	19.80	-41.82	-45.20	-23.41
10. Cement	-16.92	-16.43	-14.50	-6.16	-13.38	38.13	31.40	28.50	24.52	30.29
11. Food, Beverage and Tobacco	-4.66	-2.06	-8.95	-1.83	-4.42	14.23	13.64	10.46	7.81	11.39
12. Textile, Apparel and Footwear	2.25	1.82	11.31	17.13	8.30	20.98	17.34	13.75	11.77	15.68
13. Wood and Wood Products	4.58	3.66	3.66	12.36	6.11	18.76	7.98	11.55	5.97	10.91
14. Pulp, Paper and Paper Products	4.01	2.00	7.10	14.23	6.99	26.84	22.45	19.24	19.86	21.89
15. Chemical and Pharmaceutical Products	9.12	4.06	-0.65	4.21	4.00	11.42	14.04	15.70	14.10	13.86
16. Non-Metallic Products	10.20	6.10	7.87	11.90	9.03	17.03	27.13	22.87	19.64	21.55
17. Plastic and Rubber products	9.10	5.52	7.54	14.13	9.09	9.86	16.23	12.64	10.68	12.28
18. Electrical and Electronics	2.88	1.29	1.29	6.22	2.97	-19.80	16.35	17.43	12.35	6.94
19. Basic metal, Iron and Steel	3.23	4.13	4.66	11.12	5.92	10.05	13.85	11.40	8.46	10.84
20. Motor vehicles & assembly	-17.47	-24.80	-28.77	-27.92	-24.64	-4.60	22.54	7.59	35.71	14.21
21. Other Manufacturing	-7.98	-10.80	-10.80	-8.07	-9.37	-0.20	1.15	-0.04	8.90	2.49
22. ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	-28.47	-4.26	3.97	11.18	-2.24	-9.22	59.05	25.88	25.45	27.30
23. WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION	11.35	31.71	32.95	40.90	29.55	48.40	15.83	11.68	9.62	19.40
24. CONSTRUCTION	1.14	3.77	2.81	7.66	3.87	21.25	17.57	16.69	19.25	18.72
25. TRADE	13.51	15.23	15.36	14.58	14.68	9.58	4.82	0.44	3.11	4.34
26. ACCOMMODATION AND FOOD SERVICES	0.81	0.06	2.73	9.35	3.51	3.82	6.08	8.74	7.16	6.39
TRANSPORTATION AND STORAGE	30.18	6.18	19.69	10.55	15.61	28.30	2.17	0.58	24.10	13.60
27. Road Transport	33.44	7.13	21.89	12.11	17.50	30.68	2.76	0.57	27.23	15.17
28. Rail Transport & Pipelines	8.12	8.33	12.10	10.29	9.80	12.54	9.20	4.91	2.20	6.06
29. Water Transport	10.12	9.10	10.53	12.74	10.57	10.95	6.17	3.68	4.27	5.66
30. Air Transport	7.71	-10.51	4.87	-6.03	-1.29	14.90	12.51	9.13	12.08	12.02
31. Transport Services	14.27	9.43	11.15	16.07	12.74	5.43	8.30	3.95	3.68	5.09
32. Post and Courier Services	15.14	8.48	8.48	-12.18	4.06	9.17	-66.01	-44.64	-11.42	-28.51
INFORMATION AND COMMUNICATION	8.70	-6.66	9.26	17.43	6.48	9.04	2.66	-2.66	-0.55	2.07
33. Telecommunications & Information Services	7.63	-11.61	8.24	19.16	4.69	8.13	1.01	-4.44	-2.62	0.34
34. Publishing,	16.51	14.46	21.38	22.66	18.61	9.64	12.41	6.08	4.05	8.08
34. Motion Pictures, Sound recording and Music production	4.07	3.33	6.53	8.68	5.57	11.99	1.13	0.60	1.64	4.09
36. Broadcasting	17.20	18.32	17.54	14.78	16.90	10.79	11.68	4.65	8.64	9.17
37. ARTS, ENTERTAINMENT AND RECREATION	18.91	10.95	12.81	12.11	13.76	21.48	5.27	3.45	4.18	9.07
FINANCIAL AND INSURANCE	-1.29	2.80	20.65	19.74	10.21	13.83	17.68	-3.88	1.25	6.75
38. Financial Institutions	-3.38	0.00	20.89	20.02	9.06	13.75	19.09	-4.47	3.66	7.43
39. Insurance	15.24	19.55	18.98	17.89	18.02	14.34	10.57	0.32	-14.85	2.48
40. REAL ESTATE	0.61	2.12	2.56	1.89	1.87	10.57	6.17	1.59	-3.34	3.01
41. PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES	10.23	9.86	19.18	18.42	14.78	14.74	4.71	0.81	1.67	4.86
42. ADMINISTRATIVE & SUPPORT SERVICES	10.29	10.59	17.55	19.41	14.71	14.45	4.82	2.91	3.21	5.90
43. PUBLIC ADMINISTRATION	6.37	8.21	13.34	8.43	9.06	10.73	8.28	1.48	0.57	4.95
44. EDUCATION	15.96	15.96	15.64	15.05	15.57	13.92	8.49	3.37	1.37	5.92
45. HUMAN HEALTH AND SOCIAL SERVICES	9.12	9.12	10.37	8.29	9.21	12.84	4.99	2.53	1.91	5.26
46. OTHER SERVICES	20.21	20.25	22.25	21.60	21.06	14.95	9.02	3.97	4.52	8.21
GDP at 2010 constant price	5.67	3.01	9.15	12.49	7.80	17.06	14.79	10.98	6.99	12.05

	2016					2017				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
CONTRIBUTION TO GDP										
AGRICULTURE	20.54	22.42	28.68	25.60	24.45	21.43	22.93	29.15	26.18	25.08
INDUSTRIES	24.09	23.10	21.02	19.98	21.96	22.90	23.43	22.56	20.38	22.26
SERVICES	55.37	54.48	50.30	54.42	53.59	55.67	53.64	48.28	53.45	52.66
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
NON OIL	89.98	91.21	91.91	93.25	91.65	91.47	90.96	89.96	92.83	91.32
OIL	10.02	8.79	8.09	6.75	8.35	8.53	9.04	10.04	7.17	8.68
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
GROWTH										
AGRICULTURE	3.09	4.53	4.54	4.03	4.11	3.39	3.01	3.06	4.23	3.45
INDUSTRIES	- 6.68	- 7.19	- 12.66	- 8.73	- 8.85	- 5.83	2.17	8.83	3.92	2.19
SERVICES	0.80	- 1.25	- 1.17	- 1.52	- 0.82	- 0.37	- 0.85	- 2.66	0.10	- 0.91
REAL GROWTH RATE AT BASIC PRICE	- 0.67	- 1.49	- 2.34	- 1.73	- 1.58	- 0.91	0.72	1.40	1.92	0.83
REAL GROWTH RATE AT MARKET PRICE	- 0.72	- 1.65	- 2.38	- 1.63	- 1.62	- 1.04	0.78	1.43	1.87	0.81
NON OIL GROWTH RATE	- 0.18	- 0.38	0.03	- 0.33	- 0.22	0.72	0.45	- 0.76	1.45	0.47
OIL GROWTH RATE	- 4.81	- 11.63	- 23.04	- 17.70	- 14.45	- 15.60	3.53	25.89	8.38	4.79

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