

Office of the Chief Government Statistician

Gross Domestic Product



Sept 2017 quarter

14th December 2017

Overview

Gross Domestic Product positively performed by 5.5 percent in Sept quarter following the positive performances of 7.4 percent, 6.3 percent and 4.2 in the June 2017, March 2017 and December 2016 quarters respectively. In Sept 2017, the increase in the y-o-y growth rate was a result of a mix performance by the industries.

Gross Domestic Product for the **Sept 2017 quarter** at constant 2007 prices was 333,041 TZS million recording an increase of 5.5 percent over the Sept 2016 quarter. This follows a revised y-o-y growth rate of 7.4 percent in the June 2017 quarter.

Chart 1: Total GDP & Growth in quarterly GDP at constant 2007 prices

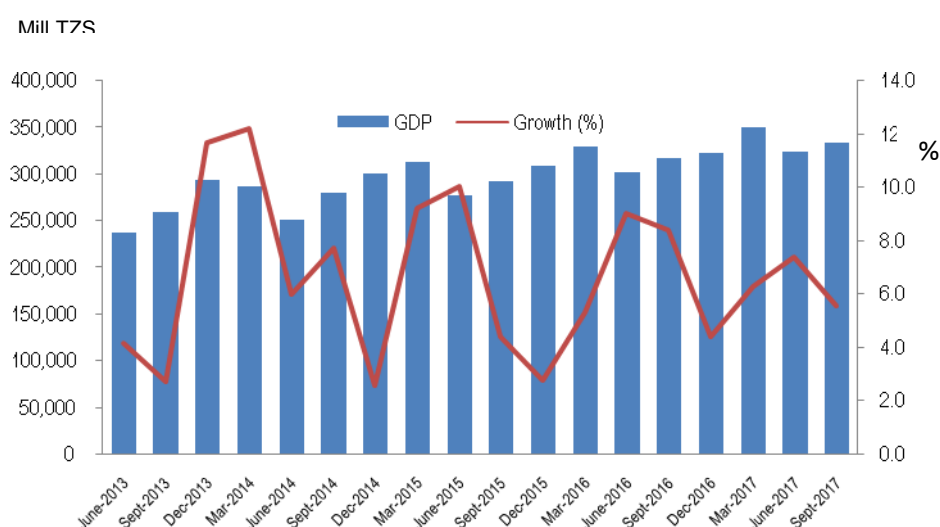


Chart 1 shows the total value added at constant 2007 prices and the quarterly y-o-y GDP growth rates from June 2013 quarter to Sept 2017 quarter. As shown by the chart, quarterly value added was the highest in March 2017 and the lowest was on June quarter 2013. The June quarter 2013 marked the declined indicating the slowdown in overall economic performance in the period under review.

Chart 2: Percentage point contributions to change in real GDP, by industry September 2017 Quarter

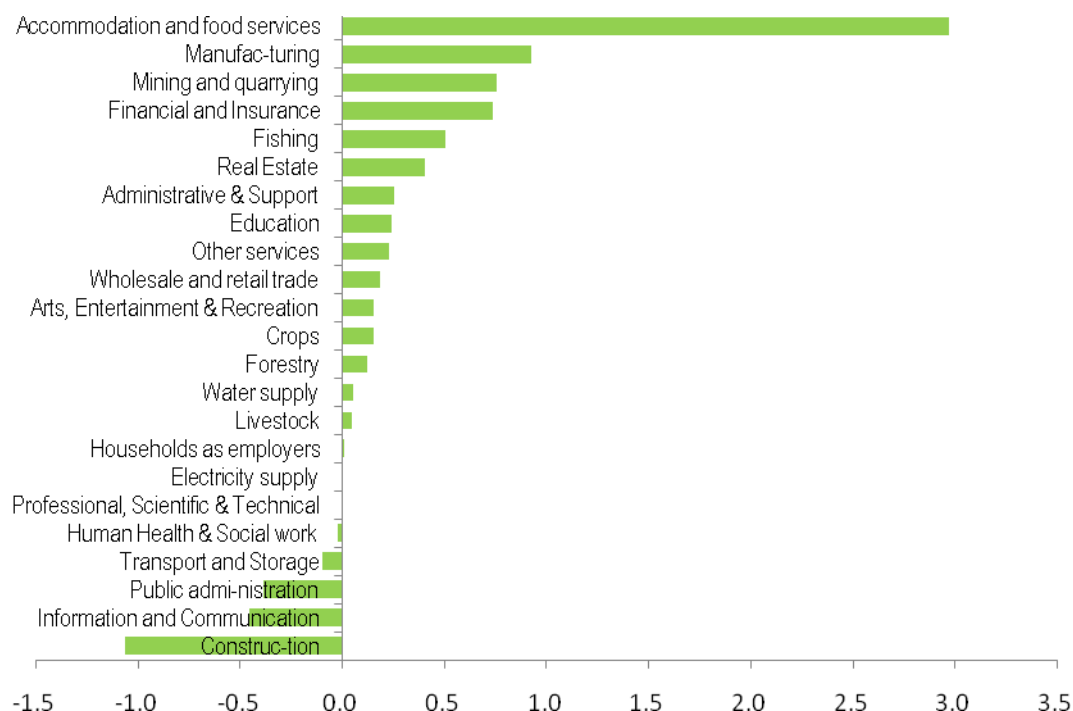


Chart 2 shows the percentage-point contribution of each industry to the overall growth of 5.5 percent in the Sept 2017 quarter. The main contributors were Accommodation and food services (3.0 percentage points), Manufacturing (0.9 percentage points), Mining and quarrying (0.8 percentage points), Financial and Insurance (0.7 percentage points) and Fishing (0.5 percentage points). Other contributors to growth were Real Estate (0.4 percentage points), Administrative and support (0.3 percentage points), Education, other services, Wholesale and Retail trade, Entertainment & Recreation and crops all have (0.2 percentage points), Forestry and Water supply all have (0.1 percentage point).

The lowest negative performance observed in Sept quarter was experienced in Construction which accounts for negative 1.1 percentage points, Information and Communication which accounts for negative 0.5 percent point contribution, Public Administration which accounts for negative 0.4 percentage points and Transport & Storage which accounts for negative 0.1 percentage points contribution.

GDP levels (Nominal or Current Prices):

Total GDP for the Sept 2017 quarter in nominal terms stood at 790,324 TZS million in nominal terms, climbing 21.1 percentage compared to Sept 2016. Accommodation and food services was higher in value added at current prices with a contribution of 4.4 percentage-points followed by Taxes on Products with a contribution of 3.5 percentage-points.

Chart 3: Composition of GDP, September 2017 Quarter

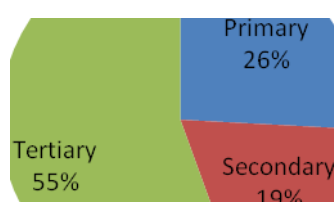


Chart 3 shows the composition of GDP at current prices for Sept 2017 quarter, categorized into the three main broad sectors of the economy, Primary Sector, Secondary Sector and Tertiary Sector (Services Sector).

Tertiary sector remains the largest comprising a total share of 55 percent of aggregate GDP, increasing by decreased rate of 3.2 percent compared to its share in similar quarter 2016 quarter. Secondary sector recorded a share of 26 percent rose its share by 2.0 percent compared to Sept 2016. Primary sector recorded a total share of 19 percent, decreased by 7.4 percent compared to Sept 2016 quarter.

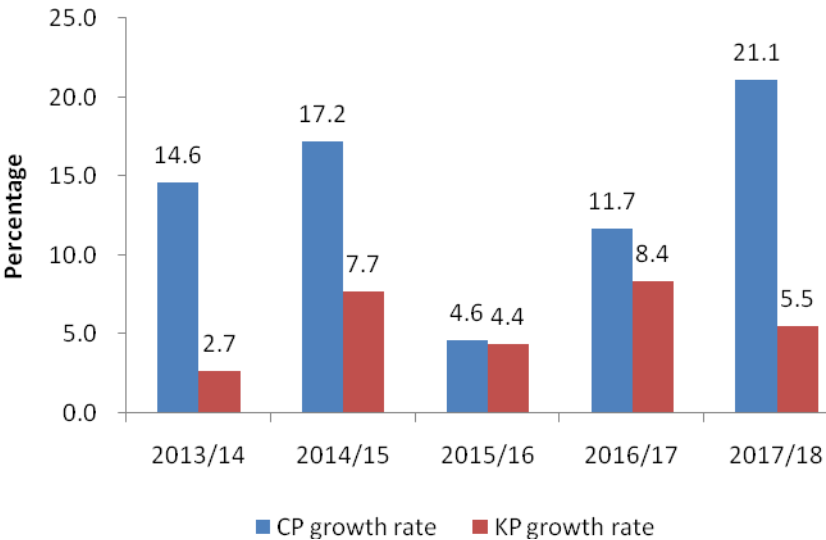
Twelve Months Review (Dec 2016—Sept 2017):

GDP for the 12 months period ended Sept 2017 at current prices (nominal terms) stood at 2,893,751 TZS million, an increase of 15.0 percent compared to 12 months period ended Sept 2016.

At constant 2007 prices (real terms), GDP stood at 1,326,823 TZS million recording an increase of 5.9 percent compared to the 12 months period ended Sept 2016. This increase of 5.9 percent in the year ended Sept 2017 was evident of the favourable economic performance attributed by industries such as Accommodation and food services (contributed 2.6 percentage points), Manufacturing (contributed 0.9 percentage points), Construction (contributed 0.8 percentage points), Mining and Quarrying (contributed 0.5 percentage points), Crops, Real Estate and Wholesale and retail (contributed 0.4 percentage points respectively) (contributed 0.7 percentage points), Fishing Financial and Insurance Administrative Support, Education, Transport and Storage, Other services (contributed each 0.2 percentage points) and among others.

Chart 4 shows the growth rates for the 12 months period ending June for the years 2013/14 to 2017/18. As shown by the chart, economic activities in the 12 months period June 13/14 to Sept 17/18 have been steadily showing favorable performances for the 12 months period ending Sept 2017.

Chart 4: Percentage change in Current and Constant Prices for the year ended September (2013/14—2017/18)



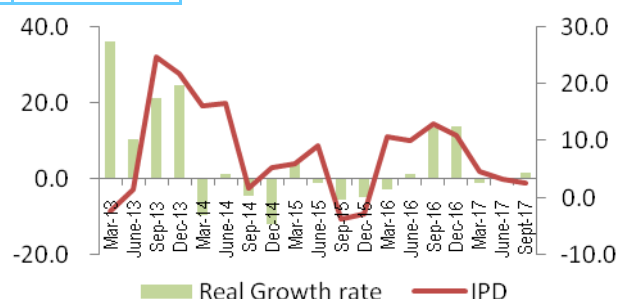
As indicated by the chart above there was consecutive positive growth at 2007 constant prices since period ending June 2013/14 to the same period of 2017/18. At current prices the pick have experienced on 2017/18 compared to other years. This contribute to high volume of number of tourist arrived in Zanzibar.

Individual Industry Quarterly Performance

CROPS	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	111,693	64,022	116,628	82.2	4.4
Value added (constant 2007 prices) TZS (Millions)	28,108	22,567	28,589	26.7	1.7
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	1.1	0.0	0.2	Chart 5: Percentage change in Crops; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	8.9	7.0	8.6		

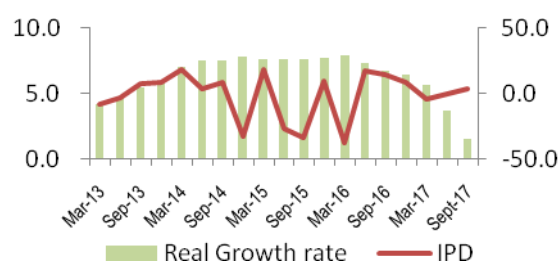
The Crops sub sector generated a total value added in real terms of 28,589 TZS million in the period under review. Compared to September 2016 quarter, the activity went up by 1.7 percent and further increased by 26.7 percent when compared to June 2017 quarter. The industry contributed a positive 0.2 percentage points to overall GDP growth.

Current prices marked the value added of 116,628 TZS million that result a positive growth of 82.2 percent (q-o-q). Again there was a positive performance (y-o-y) of 4.4 percent from sept quarter 2016.



LIVESTOCK	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	14,993	15,321	15,699	2.5	4.7
Value added (constant 2007 prices) TZS (Millions)	8,933	9,401	9,076	-3.5	1.6
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.2	0.1	0.0	Chart 6: Percentage change in Livestock; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	2.8	2.9	2.7		

Livestock recorded a total value added of 9,076 TZS million in constant prices for the period under review. That make the positive performance of 1.6 percent y-o-y for September quarter 2017 compared to the corresponding quarter of 2016. The industry experienced the level of 2.7 percentage share to the overall GDP. The current price value added marked 15,699 for sept quarter of 2017 that make the positive performance of 4.7 percent (y-o-y). The sector observed a positive growth of 2.5 from June quarter 2017 to Sept quarter of 2017 (q-o-q).



	GDP Sept 2016	GDP June 2017	GDP Sept 2017	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
FORESTRY	Quarter	Quarter	Quarter		
Value Added (current prices) TZS (Millions)	17,228	18,007	19,602	8.9	13.8
Value added (constant 2007 prices) TZS (Millions)	7,373	7,592	7,745	2.0	5.1
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.1	0.1	0.1		
Contribution to aggregate GDP: percent	2.3	2.4	2.3		

**Chart 7: Percentage change in Forestry;
Mar 2013– Sept
2017**



Forestry registered a total value added of 7,745 TZS million in constant prices for the period under review. The industry contributed positively to the overall growth with 0.1 percentage points. The favorable performance by the industry was in line with the increased volume of forestry product. Current prices marked the value added of 19,602 TZS million that result a positive growth of 13.8 percent (y-o-y). This activity accounts for 2.3 percent share to total GDP.

	GDP Sept 2016	GDP June 2017	GDP Sept 2017	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
FISHING	Quarter	Quarter	Quarter		
Value Added (current prices) TZS (Millions)	38,146	48,212	52,220	8.3	36.9
Value added (constant 2007 prices) TZS (Millions)	14,868	16,081	16,457	2.3	10.7
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	-0.2	0.0	0.5		
Contribution to aggregate GDP: percent	4.7	5.0	4.9		

**Chart 8: Percentage change in Fishing;
Mar 2013– Sept
2017**



Fishing recorded a total value added of 16,457 TZS million in constant prices for the period under review. The industry contributed positively to the overall growth with 0.5 percentage points for september quarter. The favorable performance by the industry was in line with the high volume of fish catch in Zanzibar. This volume of fishes led to y-o-y change of positive performance of 10.7 percent for the same quarter. The change from June recorded a positive growth of 2.3 percent.

The value added at current prices registered 52,220 TZS million for the september quarter (y-o-y) that marked 36.9 percent of growth. The industry account for 4.9 percent share to total

GDP

	GDP Sept 2016	GDP June 2017	GDP Sept 2017	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
MINING AND QUARRYING	Quarter	Quarter	Quarter		
Value Added (current prices) TZS (Millions)	13,423	13,823	27,467	98.7	104.6
Value added (constant 2007 prices) TZS (Millions)	6,010	5,953	8,387	40.9	39.5
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.4	0.6	0.8		
Contribution to aggregate GDP: percent	1.9	1.8	2.5		

Chart 9: Percentage change in Mining and Quarrying;
Mar 2013– Sept 2017

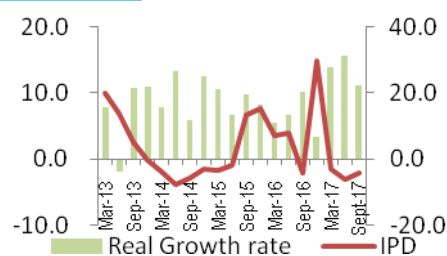


Mining and Quarrying registered a total value added of 8,387 TZS million in constant prices for the period under review. The industry contributed positively to the overall growth with 40.9 percentage (q-o-q) for September 2017 quarter, and the favorable performance of 39.5 percent (y-o-y) by the industry was in line with the increases of volume of quarrying products within Zanzibar.

The industry accounts for positive performance of 104.6 percent (y-o-y) at current prices that marked 27,467 TZS Million value added. Change from June 2017 quarter experience 98.7 percent (q-o-q)

	GDP Sept 2016	GDP June 2017	GDP Sept 2017	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
MANUFACTURING	Quarter	Quarter	Quarter		
Value Added (current prices) TZS (Millions)	42,838	41,739	45,552	9.1	6.3
Value added (constant 2007 prices) TZS (Millions)	26,062	27,485	28,980	5.4	11.2
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.8	1.2	0.9		
Contribution to aggregate GDP: percent	8.3	8.5	8.7		

Chart 10: Percentage change in Manufacturing;
Mar 2013– Sept 2017

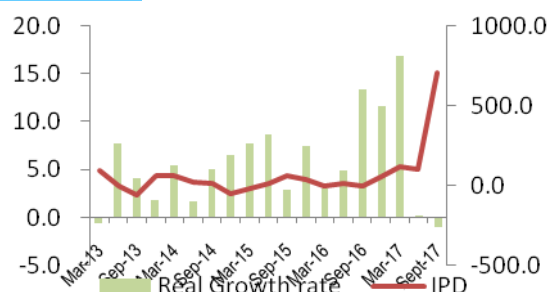


Manufacturing marked a total value added of 28,980 TZS million in real term for the period under review. The industry contributed positively to the overall growth with 5.4 percent for September 2017 quarter (q-o-q) and 0.9 percentage points for September quarter.

Current prices registered a positive growth of 6.3 percent for September 2017 quarter (y-o-y) and positive growth of 9.1 percent for June quarter 2017(q-o-q).

ELECTRICITY SUPPLY	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	2,329	4,835	18,564	283.9	696.9
Value added (constant 2007 prices) TZS (Millions)	1,046	994	1,035	4.2	-1.0
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.0	0.0	0.0	Chart 11: Percentage change in Electricity supply; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	0.3	0.3	0.3		

Electricity Supply value added at constant prices stood at 1,035 TZS million as a result of 4.2 percent positive growth for September 2017 quarter compared to June 2017 quarter(q-o-q). The industry accounts for positive performance that marked 18,564 TZS million in September 2017 quarter that registered a share of 0.3 percent to total GDP.



WATER SUPPLY	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	4,568	4,389	4,967	13.2	8.7
Value added (constant 2007 prices) TZS (Millions)	1,220	1,231	1,392	13.1	14.0
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.0	0.0	0.1	Chart 12: Percentage change in Water supply; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	0.4	0.4	0.4		

Water was among the industries that have shown a positive performance. As it stood, the industry recorded a 1,392 TZS million in value added in real terms for the period under review. The industry contributed positively growth of 13.1 percent for September 2017 quarter (q-o-q) and 14.0 percent for september quarter (y-o-y). In current prices, the industry recorded a value added of 4,967 TZS million with a positive growth of 13.2 percent for september 2017 (q-o-q) and 8.7 percent for quarter (y-o-y).The industry registering a total share of 0.4 percent and contribution of 0.1 percentage points to overall growth.

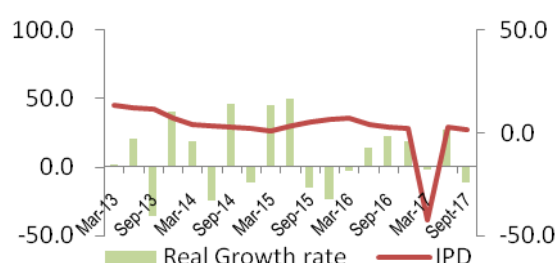


	GDP Sept 2016	GDP June 2017	GDP Sept 2017	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
CONSTRUCTION	Quarter	Quarter	Quarter		
Value Added (current prices) TZS (Millions)	55,935	90,727	50,541	-44.3	-9.6
Value added (constant 2007 prices) TZS (Millions)	30,349	48,371	26,991	-44.2	-11.1
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	1.9	3.5	-1.1	Chart 13: Percentage change in Construction; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	9.6	15.0	8.1		

At constant 2007 prices, Construction industry registered a negative 44.2 percent compared to its output in June 2017 (q-o-q). Construction activities contributed negative 1.1 percentage point to overall GDP. The performance by the industry was consistent with the completion of major construction projects activities performed in the period under review.

However, when compared to September 2016 (y-o-y) again the industry value added also recorded a negative of 11.1 percent and it had share of 8.1 percent.

Current prices marked 50,541 TZS million for the September 2017 quarter.

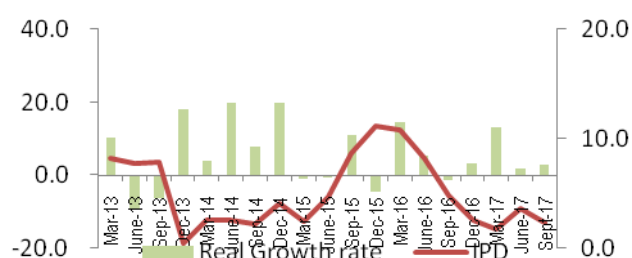


	GDP Sept 2016	GDP June 2017	GDP Sept 2017	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
WHOLESALE AND RETAIL	Quarter	Quarter	Quarter		
Value Added (current prices) TZS (Millions)	45,637	47,305	48,018	1.5	5.2
Value added (constant 2007 prices) TZS (Millions)	20,918	21,424	21,502	0.4	2.8
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	-0.1	0.1	0.2	Chart 14: Percentage change in Wholesale and Retail; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	6.6	6.6	6.5		

Wholesale and retail Trade industry generated a total value added of 21,502 TZS million at constant 2007 prices. Value added went up by 2.8 percent from the same quarter of the previous year. (y-o-y)

In Current prices, the industry recorded a value added of 48,018 TZS million with a positive growth of 1.5 percent (q-o-q) and positive growth of 5.2 of same quarter of previous year (y-o-y).

The industry was one of the contributors to the overall GDP growth, registering a total share of 6.5 percent and a contribution of 0.2 percentage points to overall growth.



ACCOMMODATION AND FOOD SERVICES	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	64,946	66,630	93,332	40.1	43.7
Value added (constant 2007 prices) TZS (Millions)	26,495	25,615	35,883	40.1	35.4
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.0	2.0	3.0	Chart 15: Percentage change in Accommodation and Food Services; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	8.4	7.9	10.8		

Accommodation and Food Services recorded a total value added of 35,883 TZS million at constant 2007 prices. Compared to its total value added it recorded in the same quarter of the previous year, the industry was increase by 35.4 percent (y-o-y) and increase by 40.1 percent (q-o-q). The positive performance by the industry was the risen in the number of visitor arrivals during the period; compared to September 2016.

Current prices performed a positive y-o-y growth rate of 43.7 percent which accounts for total value added of 93,332 TZs million. Change from June quarter 2017 observed to be positive 40.1 percent.



TRANSPORT AND STORAGE	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	26,492	26,538	21,016	-20.8	-20.7
Value added (constant 2007 prices) TZS (Millions)	17,158	17,967	16,848	-6.2	-1.8
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.6	0.5	-0.1	Chart 16: Percentage change in Transport and Storage; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	5.4	5.6	5.1		

Transport and Storage sector accumulated a total value added of 16,848 TZS million in real terms. This was a decrease of 6.2 percent June 2017 (q-o-q). This reflects the decrease in number of passengers and cargo.

Compared to previous quarter of 2017, there was a decreases of value added by 1.8 percent at constant prices. At current prices a decreases from June quarter of 2017 (q-o-q) was 20.8 percent which accounts for 21,016 TZS millions.



INFORMATION AND COMMUNICATION	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	17,485	29,865	29,010	-2.9	65.9
Value added (constant 2007 prices) TZS (Millions)	8,534	7,339	7,095	-3.3	-16.9
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	-0.2	-1.8	-0.5		
Contribution to aggregate GDP: percent	2.7	2.3	2.1		

Chart 17: Percentage change in Information and Communication; Mar 2013– Sept 2017



Communication total value added in real terms amounted to 7,095 TZS million. This was translated into a decrease of 3.3 percent compared to June quarter of 2016 (q-o-q). The industry contributed negative 0.5 percentage points to growth and took out a total share of 2.1 percent of overall GDP.

In current prices, the industry value added stood at 29,010 TZS million, down by 2.9 percent on a q-o-q basis. The sector's performance in the period reflects the decrease of sales of airtime in that period under review.

FINANCIAL AND INSURANCE	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	24,439	28,135	30,426	8.1	24.5
Value added (constant 2007 prices) TZS (Millions)	14,115	15,306	16,432	7.4	16.4
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.2	0.6	0.7		
Contribution to aggregate GDP: percent	4.5	4.7	4.9		

Chart 18: Percentage change in Financial and Insurance; Mar 2013– Sept 2017



In the September 2017 quarter, Financial and Insurance recorded a total value added in real terms of 16,432 TZS million, this was 16.4 higher compared to the same period of the previous year. When compared to the previous quarter, the industry went up by 7.4 percent.

The industry's y-o-y growth was assisted by the increasing loan and deposits in financial activities compared to June 2017.

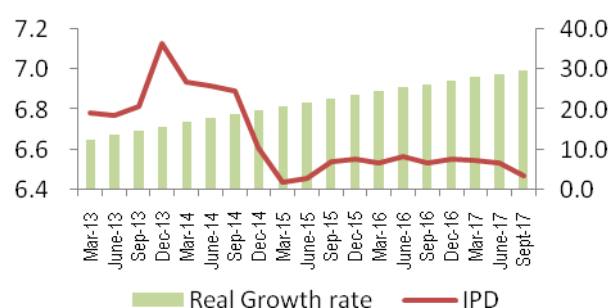
However, Current value added went up by 24.5 percent (y-o-y) growth for September quarter of 2017 when compared to September 2016.

REAL ESTATE	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	48,252	52,559	53,471	1.7	10.8
Value added (constant 2007 prices) TZS (Millions)	18,245	19,193	19,521	1.7	7.0
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.4	0.4	0.4	Chart 19: Percentage change in Real Estate; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	5.8	5.9	5.9		

At constant 2007 prices, Real Estate value added stood at 19,521 TZS million in the September quarter of 2017. The industry's performance increased by 7.0 percent when compared to the same period last year, contributing a 5.9 percentage points to the overall performance. The increase in value added reflects the increasing demand by the real estate activities.

When compared to the June 2017 quarter, value added went up by 1.7 percent.

In current prices the value added stood at 53,471 TZS million that reflects 10.8 percent (y-o-y) positive growth.



PROFESIONAL, SCIENTIFIC & TECHNICAL	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	2,662	3,375	2,782	-17.6	4.5
Value added (constant 2007 prices) TZS (Millions)	1,012	1,217	998	-18.0	-1.4
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.0	0.1	0.0	Chart 20: Percentage change in Profesional, Scientific & Technical; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	0.3	0.4	0.3		

In real term the value added for professional, scientific and technical amounted to 998 TZS million. This was translated into a decrease of 1.4 percent (y-o-y) compared to Sept quarter of 2016. Since March quarter 2013, the chart 20 marked much downturn in three quarters, Sept 2015; March 2016 and March 2017.

In current prices, the industry value added stood at 2,782 TZS million, up by 4.5 percent on a y-o-y basis.

The share for the industry increased to 0.3 percent.

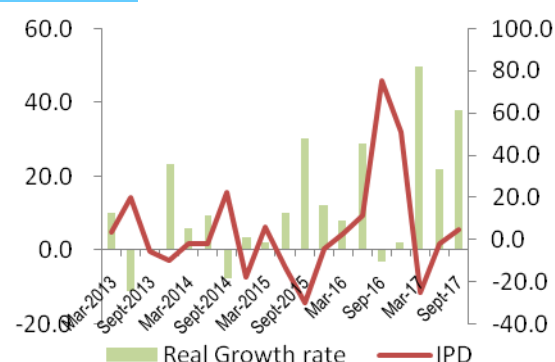


ADMINISTRATIVE AND SUPPORT	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	5,351	4,023	7,737	92.3	44.6
Value added (constant 2007 prices) TZS (Millions)	2,108	2,094	2,906	38.8	37.9
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.0	0.1	0.3	Chart 21: Percentage change in Administrative and Support; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	0.7	0.6	0.9		

Value added for Administrative and support at constant prices stood at 2,906 TZS millions. This was 37.9 percent higher compared to corresponding quarter of 2016. Compare to June quarter went down up by 38.8 percent which marked the value added of 2,094 TZS million.

Current price have shown the increase in value added by 44.6 percent on y-o-y basis. Compare to June quarter the went up by 92.3 percent on q-o-q basis.

The share of June 2017 quarter increased to 0.9 percent from 0.6 percent in previous quarter.



PUBLIC ADMINISTRATION	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	27,703	34,637	34,337	-0.9	23.9
Value added (constant 2007 prices) TZS (Millions)	35,974	35,426	34,755	-1.9	-3.4
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	1.1	0.0	-0.4	Chart 22: Percentage change in Public Administration; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	11.4	11.0	10.4		

The value added for Public administration amounted to 34,755 in real term for Sept quarter 2017. The change in value added from Sept 2017 to same quarter of 2016 was negative 3.4 percent on y-o-y basis. The value added from June 2017 quarter declined to 1.9 percent. The industry contributed a negative 0.4 percentage point to overall GDP growth.

In nominal term the value added registered 34,337 TZS million as a result of upturn of 23.9 percent. June quarter marked negative performance of 0.9 q-o-q basis. The share slow down slightly from 11.0 percent in June 2017 quarter to 10.4 percent in Sept 2017 quarter.



EDUCATION	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	12,901	16,374	16,475	0.6	27.7
Value added (constant 2007 prices) TZS (Millions)	7,181	7,922	7,939	0.2	10.6
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.2	0.2	0.2	Chart 23: Percentage change in Education; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	2.3	2.5	2.4		

The Education sector generated a total value added in real terms of 7,939 TZS million in the period under review. Compared to the Sept 2016 quarter, the activity went up by 10.6 percent, and further increased by 0.2 percent when compared to June 2017 quarter. The industry contributed a positive 0.2 percentage points to overall GDP growth.

The current prices registered a positive performance of 27.7 percent from Sept quarter 2016 (y-o-y). When compared to June 2017 quarter the value added increased by 0.6 percent on q-o-q basis. The share marked 2.4 percent for the Sept 2017 quarter.



HUMAN HEALTH AND SOCIAL WORKS	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	5,854	12,430	11,620	-6.5	98.5
Value added (constant 2007 prices) TZS (Millions)	2,782	2,801	2,715	-3.1	-2.4
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.0	0.0	0.0	Chart 24: Percentage change in Human Health and Social works; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	0.9	0.9	0.8		

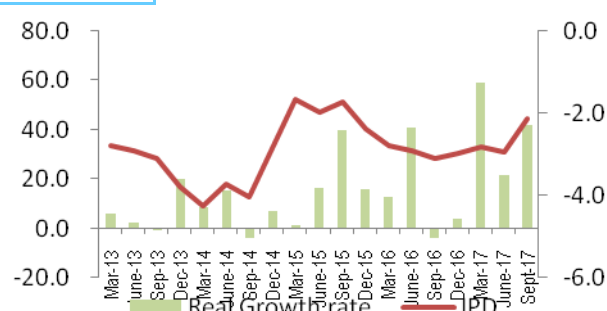
For the period under review, the industry generated a value added in constant prices of 2,715 TZS million, this was a negative 2.4 percent lower than the value added it produced in the Sept 2016 quarter, and went down by 3.1 percent compared to the previous quarter.

Normal term the value added for Sept 2017 marked to 11,620 TZS million, this was 98.5 higher than Sept quarter 2016. In Sept 2017 quarter the share amounted to 0.8 percent where June quarter registered to 0.9 percent.



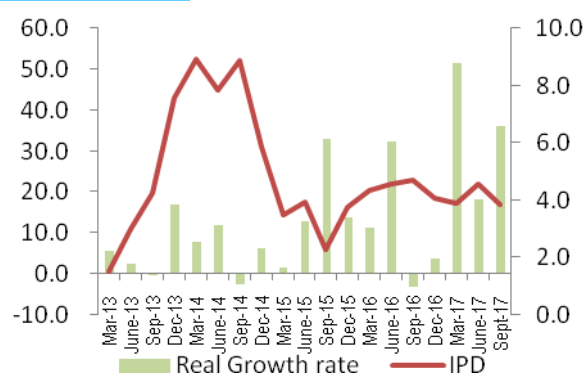
ARTS, ENTERTAINMENT AND RECREATION	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	2,446	2,349	3,400	44.8	39.0
Value added (constant 2007 prices) TZS (Millions)	1,164	1,140	1,654	45.0	42.0
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.0	0.1	0.2	Chart 25: Percentage change in Arts, Entertainment and Recreation; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	0.4	0.4	0.5		

Arts, Entertainment and Recreation industry registered a total value added of 1,654 TZS million at constant 2007 prices. In June 2017 quarter, the industry recorded a value added of 2,349 TZS million;. Value added up by 42.0 percent in real and 39.0 percent in nominal for the respective periods. The industry accounted for 0.5 percent share to total GDP.



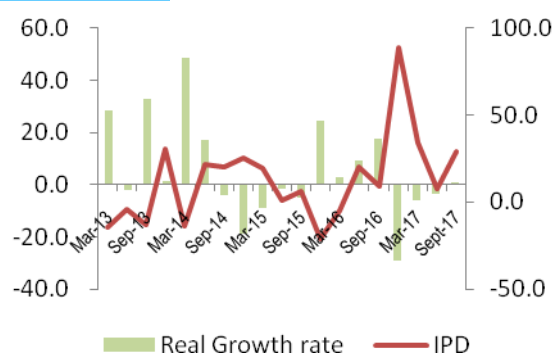
OTHER SERVICES	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	2,492	2,542	3,522	38.5	41.4
Value added (constant 2007 prices) TZS (Millions)	1,974	1,945	2,686	38.1	36.1
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	0.0	0.1	0.2	Chart 26: Percentage change in Other Services; Mar 2013– Sept 2017	
Contribution to aggregate GDP: percent	0.6	0.6	0.8		

At constant 2007 prices, Other Services industry amounted 2,686 TZS million value added for Sept 2017 quarter. This translated as 36.1 higher than the similar 2016 quarter whereas, June 2017 quarter marked a positive performance of 38.1 percent on q-o-q basis. Current prices rehead to 3,522 TZS million for Sept 2017 quarter which reflect the positive performance of 41.4 on y-o-y basis. Compared to June 2017 quarter the result has shown a positive performance that marked 2,542 TZS million which accounts for 38.5 percent (q-o-q). The Sept quarter presented a 0.8 percent of share to total GDP.



TAXES ON PRODUCTS	GDP Sept 2016 Quarter	GDP June 2017 Quarter	GDP Sept 2017 Quarter	% change from June 2017 quarter (q-o-q)	% change from Sept 2016 quarter (y-o-y)
Value Added (current prices) TZS (Millions)	70,083	74,081	90,901	22.7	29.7
Value added (constant 2007 prices) TZS (Millions)	37,742	27,973	38,003	35.9	0.7
Contribution to aggregate (y-o-y) real growth rate: <i>percentage points</i>	1.9	-0.3	0.1		
Contribution to aggregate GDP: percent	12.0	8.7	11.4		

**Chart 27: Percentage change in Taxes on Products;
Mar 2013– Sept 2017**



The Taxes on Products generated a total value added in real terms of 38,003 TZS million in the period under review. The value added for Sept 2017 quarter inclined by 0.7 percent higher than the value added for the same quarter of previous year. Compared to the June 2017 quarter, the activity again increased by 35.9 percent. The industry contributed a positive 0.1 percentage points to overall GDP growth.

The current prices registered a positive performance of 22.7 percent from June quarter 2017 (q-o-q). When compared to Sept 2016 quarter the value added increased by 29.7 percent on y-o-y basis. The Sept 2017 quarter made a share of 11.4 percent.

Introduction

The compilation of national accounts statistics is a dynamic process, and therefore needs to adapt to reflect a variety of measures and indicators consistent with developments and structural changes in the economy over a period of time. It is therefore expected that revisions and updates are made to the historical series on a quarterly or annual basis as new data sources are brought into the model and as various benchmarks and assumptions are validated and updated.

This quarterly report is the Third published by the Office of the Chief Government Statistician of the new quarterly series of GDP estimates at constant 2007 prices. This report is an ongoing publication and can also be downloaded from our website www.ocgs.go.tz.

Revisions

This update incorporates some revisions to estimates of value added for Information and communication for September quarter 2015 as data for mobile companies produced available source on a regular basis.

Office of the Chief Government Statistician



OCGS VISION

"to become a centre of excellence for statistical production and promoting a culture of evidence based policy and decision making"

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Table 1(a): GDP by Industry – Constant prices

Quarter	Crops	Livestock	Forestry	Fishing	Mining and quarrying	Manufac- turing	Electricity supply	Water supply	Construc- tion	Wholesale and retail trade	Accommodation and food services	Transport and Storage	Information and Communication	Financial and Insurance
2012-Mar	18,383	6,697	6,219	11,437	4,470	18,336	899	988	21,197	16,796	20,476	12,345	9,059	10,337
2012-June	20,242	6,968	6,239	12,262	3,470	18,808	794	893	24,227	18,406	12,556	11,990	9,196	10,070
2012-Sept	22,740	6,851	6,311	12,961	4,101	18,346	819	1,041	31,172	18,850	22,548	13,015	7,271	10,696
2012-Dec	34,996	7,124	6,368	10,984	4,129	19,242	873	990	18,584	17,678	18,951	12,849	10,015	11,522
2013-Mar	25,002	6,981	6,415	11,510	3,987	19,756	893	1,077	21,667	18,511	23,834	13,534	7,171	10,977
2013-June	22,326	7,296	6,463	12,849	3,358	18,445	856	929	29,191	16,707	13,548	13,001	7,730	11,369
2013-Sept	27,525	7,225	6,537	13,086	4,156	20,328	853	1,045	19,974	17,683	20,653	14,063	7,742	11,354
2013-Dec	43,562	7,540	6,594	11,911	4,091	21,337	889	1,098	26,163	20,904	23,604	14,310	8,135	11,100
2014-Mar	22,606	7,477	6,656	12,321	4,034	21,324	942	1,134	25,665	19,278	25,793	13,865	10,311	11,286
2014-June	22,611	7,843	6,709	13,429	3,478	20,915	870	976	22,138	20,049	14,548	14,575	10,524	12,469
2014-Sept	26,271	7,768	6,796	14,083	4,578	21,514	897	1,092	29,224	19,073	22,207	13,262	9,113	12,662
2014-Dec	38,369	8,134	6,862	13,926	4,804	24,027	948	1,147	23,205	25,023	24,726	17,031	8,431	13,136
2015-Mar	23,747	8,048	6,945	14,433	5,401	23,586	1,015	1,173	37,197	19,153	26,239	15,747	12,696	13,316
2015-June	22,338	8,446	6,971	15,405	3,848	22,298	945	1,029	33,108	19,898	16,346	14,985	11,334	13,815
2015-Sept	24,550	8,365	7,058	15,316	4,713	23,636	923	1,183	24,783	21,184	26,504	15,555	9,102	13,641
2015-Dec	35,825	8,712	7,126	13,522	4,779	26,164	1,019	1,212	17,668	24,014	27,186	15,508	8,187	14,341
2016-Mar	25,000	8,689	7,213	15,365	5,612	24,862	1,046	1,220	36,276	22,147	27,843	16,055	12,430	17,427
2016-June	22,617	9,065	7,242	16,068	4,192	23,776	992	1,099	37,869	20,998	19,732	16,499	12,140	13,636
2016-Sept	28,108	8,933	7,373	14,868	6,010	26,062	1,046	1,220	30,349	20,918	26,495	17,158	10,529	14,115
2016-Dec	41,492	9,332	7,459	14,006	6,449	26,875	1,137	1,299	21,039	24,679	31,233	16,270	9,863	14,808
2017-Mar	22,539	9,186	7,514	15,744	5,789	28,340	1,223	1,297	35,691	24,785	41,414	16,391	11,496	14,974
2017-June	22,567	9,401	7,592	16,081	5,953	27,485	994	1,231	48,371	21,424	25,615	17,967	7,339	15,306
2017-Sept	28,589	9,076	7,745	16,457	8,387	28,980	1,035	1,392	26,991	21,502	35,883	16,848	7,095	16,432

Table 1(b): GDP by Industry – Constant prices

Quarter	Real Estate	Professional, Scientific & Technical	Administrative & Support	Public administration	Education	Human Health & Social work	Arts, Entertainment & Recreation	Other services	Households as employers	FISIM	All indust. at basic prices	Taxes on products	GDP at market prices
2012-Mar	13,574	442	1,841	24,018	5,920	2,443	967	1,655	299	-2,736	206,061	25,170	231,231
2012-June	13,793	422	1,250	24,558	5,843	2,379	483	960	301	-2,649	203,463	23,570	227,033
2012-Sept	14,016	411	1,829	24,608	5,877	2,385	906	1,571	303	-2,787	225,841	26,472	252,313
2012-Dec	14,244	411	1,626	25,307	5,929	2,432	872	1,525	306	-3,070	223,886	37,981	261,867
2013-Mar	14,476	612	2,022	25,528	6,005	2,426	1,027	1,749	308	-2,948	222,520	32,357	254,876
2013-June	14,713	637	1,109	25,928	5,926	2,430	495	986	311	-3,171	213,430	23,072	236,501
2013-Sept	14,955	613	1,821	26,267	5,963	2,468	900	1,570	313	-3,190	223,906	35,154	259,060
2013-Dec	15,201	633	2,002	25,856	6,272	2,608	1,047	1,783	315	-3,142	253,812	38,588	292,400
2014-Mar	15,452	621	2,135	27,525	6,513	2,656	1,117	1,886	318	-3,187	237,725	48,099	285,824
2014-June	15,707	619	1,212	27,131	6,616	2,643	571	1,102	320	-3,505	223,550	26,989	250,539
2014-Sept	15,968	1,172	1,676	29,540	6,464	2,668	867	1,530	323	-3,550	245,199	33,811	279,010
2014-Dec	16,234	1,164	2,069	30,621	6,474	2,695	1,119	1,894	326	-3,630	268,736	31,345	300,081
2015-Mar	16,505	1,164	2,179	31,861	6,701	2,703	1,133	1,917	328	-3,743	269,444	43,725	313,169
2015-June	16,781	748	1,334	32,433	6,753	2,700	663	1,243	331	-3,982	249,769	26,515	276,284
2015-Sept	17,063	1,225	2,177	32,863	6,725	2,722	1,213	2,035	333	-3,923	258,946	32,137	291,084
2015-Dec	17,350	974	2,317	32,939	6,799	2,557	1,296	2,157	336	-4,129	267,861	39,059	306,919
2016-Mar	17,642	1,172	2,353	34,589	7,308	2,756	1,281	2,137	339	-4,907	285,854	45,007	330,861
2016-June	17,941	1,052	1,718	35,517	7,252	2,763	937	1,644	341	-3,952	271,138	28,965	300,103
2016-Sept	18,245	1,012	2,108	35,974	7,181	2,782	1,164	1,974	344	-4,072	279,896	37,742	317,638
2016-Dec	18,555	1,046	2,363	35,774	7,058	2,790	1,346	2,237	347	-4,321	293,135	27,742	320,877
2017-Mar	18,871	1,042	3,518	35,512	7,714	2,773	2,040	3,237	350	-4,321	307,117	42,182	349,299
2017-June	19,193	1,217	2,094	35,426	7,922	2,801	1,140	1,945	352	-4,486	294,931	27,973	322,904
2017-Sept	19,521	998	2,906	34,755	7,939	2,715	1,654	2,686	355	-4,903	295,038	38,003	333,041

Table 2(a): GDP by Industry – Current prices

Quarter	Crops	Livestock	Forestry	Fishing	Mining and quarrying	Manufacturing	Electricity supply	Water supply	Construction	Wholesale and retail trade	Accommodation and food services	Transport and Storage	Information and Communication	Financial and Insurance
2012-Mar	36,090	13,337	11,926	29,874	7,087	25,348	756	1,567	29,808	27,976	35,012	15,282	2,265	9,700
2012-June	39,131	13,392	11,708	27,696	5,629	27,450	1,113	1,406	34,820	31,352	22,844	15,864	3,080	9,930
2012-Sept	65,574	13,133	11,880	25,969	6,833	27,951	2,178	1,560	45,926	32,780	41,612	18,612	2,729	11,087
2012-Dec	100,456	13,685	11,797	28,475	6,988	29,848	1,734	1,481	28,681	31,656	33,971	17,812	3,889	12,621
2013-Mar	47,924	12,791	12,180	29,827	6,967	32,768	1,478	2,660	34,634	33,378	44,583	20,411	2,407	13,171
2013-June	43,835	13,512	12,663	28,972	5,947	30,575	1,239	2,275	47,197	30,656	26,277	19,431	2,869	14,590
2013-Sept	98,920	14,813	13,436	31,935	7,706	32,547	994	2,573	32,872	33,163	39,899	22,547	7,485	15,793
2013-Dec	152,295	15,636	13,657	29,010	7,703	33,045	2,906	3,225	43,310	37,588	46,517	24,099	11,678	17,050
2014-Mar	50,348	16,191	13,719	34,056	7,795	34,035	2,498	4,296	42,715	35,650	52,096	21,375	21,995	19,408
2014-June	51,726	15,040	14,462	34,255	6,763	31,995	1,546	3,643	37,153	37,729	29,775	21,205	27,741	21,974
2014-Sept	96,078	17,305	15,486	33,753	9,100	32,517	1,202	4,118	49,440	36,537	45,720	19,004	33,508	22,760
2014-Dec	141,333	11,343	15,658	33,761	9,551	36,081	1,522	4,339	39,294	46,857	51,152	22,754	31,528	22,340
2015-Mar	55,923	20,549	15,985	35,837	10,849	36,399	2,302	4,443	62,582	36,296	54,304	28,128	35,455	20,906
2015-June	55,711	11,824	16,045	37,918	8,050	33,523	1,998	3,842	57,586	39,198	34,928	28,948	30,374	20,576
2015-Sept	86,743	12,279	16,000	36,978	10,049	40,559	2,060	4,463	44,281	44,096	59,274	28,149	30,286	19,678
2015-Dec	128,928	10,494	16,218	34,688	10,258	45,395	2,189	4,576	31,930	49,990	62,072	30,135	26,874	20,369
2016-Mar	137,473	13,786	16,906	38,271	12,188	41,146	2,080	4,593	65,647	46,480	64,654	26,956	46,282	27,256
2016-June	62,093	14,812	17,021	35,907	9,190	38,515	2,325	4,094	68,807	44,745	46,688	30,758	31,197	22,584
2016-Sept	111,693	14,993	17,228	38,146	13,423	42,838	2,329	4,568	55,935	45,637	64,946	26,492	25,325	24,507
2016-Dec	164,814	15,431	17,297	36,978	14,544	60,374	4,065	4,764	38,990	52,689	77,862	29,556	27,954	26,336
2017-Mar	61,589	13,908	17,172	43,022	13,069	45,502	6,098	5,208	37,345	52,912	100,890	22,021	17,328	26,978
2017-June	64,022	15,321	18,007	48,212	13,823	41,739	4,835	4,389	90,727	47,305	66,630	26,538	29,865	28,135
2017-Sept	116,628	15,699	19,602	52,220	27,467	45,552	18,564	4,967	50,541	48,018	93,332	21,016	29,010	30,426

Table 2(b): GDP by Industry – Current prices

Quarter	Real Estate	Professional, Scientific & Technical	Administrative & Support	Public administration	Education	Human Health & Social work	Arts, Entertainment & Recreation	Other services	Households as employers	FISIM	All indust. at basic prices	Taxes on products	GDP at market prices
2011-Mar	15,900	477	2,995	20,076	7,801	3,249	1,299	1,638	289	-2,114	276,960	34,251	311,210
2011-June	16,505	476	1,667	20,090	7,653	3,274	583	885	292	-2,282	260,962	31,467	292,429
2011-Sept	17,488	518	3,255	15,424	6,289	3,379	1,828	1,722	294	-2,471	329,119	34,204	363,323
2011-Dec	19,842	523	3,113	20,944	7,093	3,843	2,045	1,617	329	-2,319	383,641	36,127	419,768
2012-Mar	20,669	699	3,728	35,434	9,882	4,118	2,321	1,716	397	-2,419	322,573	42,269	364,842
2012-June	21,234	689	2,172	27,455	8,050	4,503	1,151	994	400	-2,457	309,606	40,907	350,513
2012-Sept	21,535	690	3,286	28,368	7,851	4,635	2,149	1,632	403	-2,852	375,521	40,212	415,733
2012-Dec	21,890	707	3,176	17,794	6,701	4,802	2,059	1,574	407	-3,611	378,597	42,772	421,369
2013-Mar	26,274	1,109	4,246	24,465	8,008	4,794	2,396	1,840	411	-4,244	364,478	46,613	411,091
2013-June	26,857	1,194	2,309	28,754	8,679	4,736	1,147	1,052	414	-5,189	349,993	38,316	388,309
2013-Sept	27,760	1,188	3,079	30,577	9,210	4,739	2,068	1,700	417	-5,685	429,739	46,613	476,351
2013-Dec	31,892	1,287	3,515	34,443	10,919	5,001	2,377	1,980	421	-5,966	523,585	56,756	580,342
2014-Mar	35,566	1,342	4,389	27,879	11,216	4,948	2,496	2,162	424	-6,281	440,318	60,009	500,326
2014-June	36,129	1,347	2,469	24,075	11,183	4,877	1,273	1,268	427	-6,742	411,315	54,669	465,984
2014-Sept	36,928	2,653	3,464	30,110	11,937	5,324	1,913	1,804	646	-6,813	504,494	53,982	558,475
2014-Dec	37,692	2,631	2,989	26,890	11,186	5,347	2,469	2,227	651	-6,616	552,978	57,701	610,679
2015-Mar	38,727	2,669	4,747	27,284	11,874	5,404	2,490	2,274	656	-6,504	509,582	65,261	574,843
2015-June	39,671	1,745	2,343	27,301	11,848	6,099	1,450	1,486	662	-6,697	466,430	54,247	520,677
2015-Sept	42,275	2,935	3,155	28,364	11,832	5,840	2,629	2,454	667	-6,539	528,507	54,558	583,065
2015-Dec	43,349	2,381	3,192	28,790	12,435	5,878	2,792	2,632	672	-6,893	569,343	56,767	626,110
2016-Mar	44,175	2,940	5,267	26,799	13,466	6,110	2,735	2,646	677	-8,067	640,466	63,657	704,123
2016-June	46,004	2,688	3,362	27,915	13,257	6,568	1,988	2,055	683	-5,970	527,286	71,405	598,691
2016-Sept	48,252	2,662	5,351	27,703	12,901	5,854	2,446	2,492	688	-6,124	590,285	70,083	660,368
2016-Dec	49,896	2,790	4,921	27,651	12,653	5,900	2,814	2,841	694	-6,470	675,342	76,196	751,537
2017-Mar	50,787	2,832	5,890	27,739	14,754	5,893	4,235	4,164	699	-6,590	573,444	80,134	653,578
2017-June	52,559	3,375	4,023	34,637	16,374	12,430	2,349	2,542	705	-6,985	621,556	74,081	695,637
2017-Sept	53,471	2,782	7,737	34,337	16,475	11,620	3,400	3,522	710	-7,674	699,423	90,901	790,324

Table 3(a): GDP by Industry - Percentage change from same quarter of previous year - Current Prices

Quarter	Crops	Livestock	Forestry	Fishing	Mining and quarrying	Manufacturing	Electricity	Water supply	Construction	Wholesale and retail trade	Accommodation and food services	Transport and Storage	Information and Communication	Financial and Insurance
2012-Mar	-27.7	34.2	40.6	18.9	60.0	26.3	-39.4	38.9	29.2	4.9	13.4	9.8	22.0	12.1
2012-June	-26.7	30.9	24.5	49.8	35.6	43.1	-7.5	41.7	18.0	17.6	43.0	21.1	202.2	16.3
2012-Sept	-20.4	19.3	15.1	12.2	18.9	30.2	73.7	23.8	32.7	8.8	16.0	28.8	234.3	24.2
2012-Dec	-15.8	1.1	8.7	9.5	8.5	20.7	39.5	-1.3	7.3	-13.1	-1.1	14.2	204.1	46.3
2013-Mar	32.8	-4.1	2.1	-0.2	-1.7	29.3	95.4	69.7	16.2	19.3	27.3	33.6	6.3	35.8
2013-June	12.0	0.9	8.2	4.6	5.6	11.4	11.3	61.8	35.5	-2.2	15.0	22.5	-6.9	46.9
2013-Sept	50.9	12.8	13.1	23.0	12.8	16.4	-54.4	64.9	-28.4	1.2	-4.1	21.1	174.3	42.5
2013-Dec	51.6	14.3	15.8	1.9	10.2	10.7	67.6	117.7	51.0	18.7	36.9	35.3	200.2	35.1
2014-Mar	5.1	26.6	12.6	14.2	11.9	3.9	69.1	61.5	23.3	6.8	16.9	4.7	813.8	47.3
2014-June	18.0	11.3	14.2	18.2	13.7	4.6	24.7	60.1	-21.3	23.1	13.3	9.1	867.1	50.6
2014-Sept	-2.9	16.8	15.3	5.7	18.1	-0.1	20.9	60.0	50.4	10.2	14.6	-15.7	347.7	44.1
2014-Dec	-7.2	-27.5	14.7	16.4	24.0	9.2	-47.6	34.6	-9.3	24.7	10.0	-5.6	170.0	31.0
2015-Mar	11.1	26.9	16.5	5.2	39.2	6.9	-7.9	3.4	46.5	1.8	4.2	31.6	61.2	7.7
2015-June	7.7	-21.4	10.9	10.7	19.0	4.8	29.2	5.5	55.0	3.9	17.3	36.5	9.5	-6.4
2015-Sept	-9.7	-29.0	3.3	9.6	10.4	24.7	71.3	8.4	-10.4	20.7	29.6	48.1	-9.6	-13.5
2015-Dec	-8.8	-7.5	3.6	2.7	7.4	25.8	43.9	5.4	-18.7	6.7	21.3	32.4	-14.8	-8.8
2016-Mar	7.6	-32.9	5.8	7.4	12.4	13.0	3.1	3.4	4.9	26.8	19.1	-4.5	35.2	33.1
2016-June	11.4	25.3	6.1	-4.9	14.2	14.9	21.2	6.6	19.5	14.1	33.7	6.1	5.6	11.4
2016-Sept	27.8	22.1	7.7	3.1	33.6	5.6	14.2	2.4	26.3	3.4	9.6	-5.9	-17.0	24.5
2016-Dec	26.3	15.2	6.7	5.6	41.8	33.9	74.2	4.4	22.1	5.8	25.4	-1.4	-2.5	25.5
2017-Mar	3.3	0.9	1.6	12.4	7.2	10.6	162.0	13.4	-43.1	15.1	56.0	-18.3	-64.4	-2.1
2017-June	3.1	3.4	5.8	34.3	50.4	8.4	108.0	7.2	31.9	5.7	42.7	-13.7	-11.8	24.5
2017-Sept	4.4	4.7	13.8	36.9	104.6	6.3	696.9	8.7	-9.6	5.2	43.7	-20.7	65.9	24.5

Table 3(b): GDP by Industry - Percentage change from same quarter of previous year - Current Prices

Quarter	Real Estate	Professional, Scientific & Technical	Administrative & Support	Public administration	Education	Human Health & Social work	Arts, Entertainment & Recreation	Other services	Households as employers	FISIM	All indust. at basic prices	Taxes on products	GDP at market prices
2012-Mar	30.0	46.3	24.5	76.5	26.7	26.8	78.7	4.7	37.3	14.4	16.5	23.4	17.2
2012-June	28.7	44.7	30.2	36.7	5.2	37.5	97.6	12.4	37.3	7.7	18.6	30.0	19.9
2012-Sept	23.1	33.2	1.0	83.9	24.8	37.2	17.5	-5.2	37.3	15.4	14.1	17.6	14.4
2012-Dec	10.3	35.3	2.0	-15.0	-5.5	25.0	0.7	-2.7	23.5	55.7	-1.3	18.4	0.4
2013-Mar	27.1	58.8	13.9	-31.0	-19.0	16.4	3.2	7.3	3.5	75.4	13.0	10.3	12.7
2013-June	26.5	73.2	6.3	4.7	7.8	5.2	-0.4	5.8	3.5	111.2	13.0	-6.3	10.8
2013-Sept	28.9	72.2	-6.3	7.8	17.3	2.3	-3.7	4.2	3.5	99.3	14.4	15.9	14.6
2013-Dec	45.7	82.0	10.6	93.6	62.9	4.1	15.5	25.8	3.5	65.2	38.3	32.7	37.7
2014-Mar	35.4	21.0	3.4	14.0	40.1	3.2	4.2	17.5	3.2	48.0	20.8	28.7	21.7
2014-June	34.5	12.8	7.0	-16.3	28.9	3.0	11.0	20.6	3.2	29.9	17.5	42.7	20.0
2014-Sept	33.0	123.3	12.5	-1.5	29.6	12.3	-7.5	6.1	54.8	19.8	17.4	15.8	17.2
2014-Dec	18.2	104.4	-14.9	-21.9	2.5	6.9	3.8	12.5	54.8	10.9	5.6	1.7	5.2
2015-Mar	8.9	98.9	8.2	-2.1	5.9	9.2	-0.2	5.2	54.8	3.6	15.7	8.8	14.9
2015-June	9.8	29.5	-5.1	13.4	5.9	25.1	13.9	17.2	54.8	-0.7	13.4	-0.8	11.7
2015-Sept	14.5	10.6	-8.9	-5.8	-0.9	9.7	37.4	36.1	3.2	-4.0	4.8	1.1	4.4
2015-Dec	15.0	-9.5	6.8	7.1	11.2	9.9	13.1	18.2	3.2	4.2	3.0	-1.6	2.5
2016-Mar	14.1	10.1	11.0	-2.8	11.3	12.7	9.9	16.3	3.2	21.2	10.8	-2.5	9.3
2016-June	16.0	54.0	43.5	1.3	9.6	7.4	37.1	38.3	3.2	-12.6	13.3	31.6	15.2
2016-Sept	14.1	9.0	69.6	-2.3	7.5	0.3	-7.0	1.5	3.2	-6.2	11.6	28.5	13.1
2016-Dec	15.1	17.2	54.2	-2.2	7.3	0.9	0.8	7.9	3.2	-2.3	17.4	34.2	18.9
2017-Mar	15.0	-3.7	11.8	3.5	9.6	-3.6	54.8	57.4	3.2	-18.3	1.5	25.9	4.0
2017-June	14.2	25.6	19.7	24.1	23.5	89.3	18.2	23.7	3.2	17.0	17.3	3.7	15.7
2017-Sept	10.8	4.5	44.6	23.9	27.7	98.5	39.0	41.4	3.2	25.3	20.1	29.7	21.1

Table 4(a): GDP by Industry - Percentage change from same quarter of previous year - Constant Prices

Quarter	Crops	Livestock	Forestry	Fishing	Mining and quarrying	Manufacturing	Electricity	Water supply	Construction	Wholesale and retail trade	Accommodation and food services	Transport and Storage	Information and Communication	Financial and Insurance
2012-Mar	-28.9	8.0	4.4	3.1	39.8	0.3	11.8	2.1	16.5	-10.3	0.0	18.4	18.1	7.4
2012-June	-28.9	7.1	3.9	11.3	16.9	10.3	10.7	8.8	6.4	0.5	23.3	10.6	26.9	2.8
2012-Sept	-15.6	6.5	3.6	14.7	4.2	0.6	8.9	3.6	19.8	-6.0	1.3	22.3	-6.9	3.3
2012-Dec	-5.0	5.4	3.6	-15.9	-2.8	3.6	6.6	0.3	-5.1	-23.1	-7.7	9.1	11.0	17.2
2013-Mar	36.0	4.2	3.1	0.6	-10.8	7.7	-0.6	8.9	2.2	10.2	16.4	9.6	-20.8	6.2
2013-June	10.3	4.7	3.6	4.8	-3.2	-1.9	7.7	4.1	20.5	-9.2	7.9	8.4	-15.9	12.9
2013-Sept	21.0	5.5	3.6	1.0	1.3	10.8	4.2	0.3	-35.9	-6.2	-8.4	8.1	6.5	6.2
2013-Dec	24.5	5.8	3.6	8.4	-0.9	10.9	1.9	10.9	40.8	18.2	24.6	11.4	-18.8	-3.7
2014-Mar	-9.6	7.1	3.8	7.0	1.2	7.9	5.4	5.3	18.4	4.1	8.2	2.4	43.8	2.8
2014-June	1.3	7.5	3.8	4.5	3.6	13.4	1.7	5.0	-24.2	20.0	7.4	12.1	36.1	9.7
2014-Sept	-4.6	7.5	4.0	7.6	10.2	5.8	5.1	4.5	46.3	7.9	7.5	-5.7	17.7	11.5
2014-Dec	-11.9	7.9	4.1	16.9	17.4	12.6	6.5	4.5	-11.3	19.7	4.8	19.0	3.6	18.3
2015-Mar	5.0	7.6	4.3	17.1	33.9	10.6	7.8	3.4	44.9	-0.6	1.7	13.6	23.1	18.0
2015-June	-1.2	7.7	3.9	14.7	10.6	6.6	8.7	5.5	49.5	-0.8	12.4	2.8	7.7	10.8
2015-Sept	-6.5	7.7	3.9	8.8	2.9	9.9	2.9	8.3	-15.2	11.1	19.3	17.3	-0.1	7.7
2015-Dec	-6.6	7.1	3.8	-2.9	-0.5	8.9	7.5	5.7	-23.9	-4.0	9.9	-8.9	-2.9	9.2
2016-Mar	-2.9	8.0	3.9	6.3	3.9	5.4	3.0	4.0	-2.5	14.4	6.1	2.0	-1.4	30.7
2016-June	1.2	7.3	3.9	4.2	8.9	6.6	5.0	6.8	14.4	5.5	20.7	10.1	7.7	-1.6
2016-Sept	13.3	6.8	4.5	-2.9	27.5	10.3	13.4	3.2	22.5	-1.4	0.0	10.3	15.5	3.5
2016-Dec	13.8	6.5	4.7	3.9	35.0	3.2	11.6	7.4	19.1	3.2	14.9	4.9	18.9	3.8
2017-Mar	-1.2	5.7	4.2	2.5	3.2	14.0	16.9	6.3	-1.6	13.2	48.7	2.1	-12.1	-14.2
2017-June	-0.2	3.7	4.8	0.1	42.0	15.6	0.2	12.0	27.7	2.0	29.8	8.9	-42.7	12.2
2017-Sept	1.7	1.6	5.1	10.7	39.5	11.2	-1.0	14.0	-11.1	2.8	35.4	-1.8	-16.9	16.4

Table 4(b): GDP by Industry - Percentage change from same quarter of previous year - Constant Prices

Quarter	Real Estate	Professional, Scientific & Technical	Administrative & Support	Public administration	Education	Human Health & Social work	Arts, Entertainment & Recreation	Other services	Households as employers	FISIM	All indust. at basic prices	Taxes on products	GDP at market prices
2012-Mar	6.6	29.4	7.4	11.3	1.7	6.8	4.1	3.8	3.2	9.2	1.9	20.8	3.7
2012-June	6.6	25.8	33.6	12.2	2.3	2.1	15.3	11.5	3.2	-0.6	3.9	41.8	6.9
2012-Sept	6.6	14.7	-1.4	13.9	3.3	-0.3	-8.3	-6.6	3.2	-2.6	4.1	22.7	5.8
2012-Dec	6.6	16.2	-6.1	10.6	3.9	1.3	-4.7	-3.5	3.2	13.8	-1.7	47.2	3.3
2013-Mar	6.7	38.2	9.8	6.3	1.4	-0.7	6.2	5.7	3.2	7.7	8.0	28.6	10.2
2013-June	6.7	50.8	-11.3	5.6	1.4	2.1	2.6	2.7	3.2	19.7	4.9	-2.1	4.2
2013-Sept	6.7	49.3	-0.4	6.7	1.5	3.5	-0.7	-0.1	3.2	14.4	-0.9	32.8	2.7
2013-Dec	6.7	53.9	23.1	2.2	5.8	7.2	20.0	17.0	3.2	2.3	13.4	1.6	11.7
2014-Mar	6.7	1.5	5.6	7.8	8.5	9.5	8.8	7.9	3.2	8.1	6.8	48.7	12.1
2014-June	6.8	-2.9	9.3	4.6	11.6	8.8	15.3	11.8	3.2	10.5	4.7	17.0	5.9
2014-Sept	6.8	91.2	-8.0	12.5	8.4	8.1	-3.6	-2.5	3.2	11.3	9.5	-3.8	7.7
2014-Dec	6.8	84.0	3.4	18.4	3.2	3.3	6.9	6.2	3.2	15.5	5.9	-18.8	2.6
2015-Mar	6.8	87.6	2.1	15.8	2.9	1.8	1.4	1.6	3.2	17.5	13.3	-9.1	9.6
2015-June	6.8	20.9	10.0	19.5	2.1	2.1	16.2	12.8	3.2	13.6	11.7	-1.8	10.3
2015-Sept	6.9	4.5	29.9	11.2	4.0	2.0	39.8	33.0	3.2	10.5	5.6	-5.0	4.3
2015-Dec	6.9	-16.3	12.0	7.6	5.0	-5.1	15.9	13.9	3.2	13.8	-0.3	24.6	2.3
2016-Mar	6.9	0.7	8.0	10.0	9.1	2.0	13.0	11.5	3.2	38.8	5.4	2.8	5.0
2016-June	6.9	40.6	28.8	10.7	7.4	2.4	41.2	32.2	3.2	-0.8	8.7	9.2	8.8
2016-Sept	6.9	-0.8	-3.2	9.4	6.8	2.2	-4.0	-3.0	3.2	3.8	8.0	17.4	9.1
2016-Dec	6.9	7.4	2.0	6.3	6.4	9.1	3.8	3.7	3.2	4.8	9.0	-28.9	4.2
2017-Mar	7.0	-11.1	49.5	2.7	5.6	0.6	59.3	51.5	3.2	-16.9	8.2	-6.2	6.3
2017-June	7.0	15.7	21.9	-0.3	9.2	1.4	21.7	18.3	3.2	13.5	8.5	-3.4	7.4
2017-Sept	7.0	-1.4	37.9	-3.4	10.6	-2.4	42.0	36.1	3.2	20.4	6.2	0.7	5.5

Table 5 (a): GDP by Industry - Percentage shares of total GDP

Quarter	Crops	Livestock	Forestry	Fishing	Mining and quarrying	Manufacturing	Electricity	Water supply	Construction	Wholesale and retail trade	Accommodation and food services	Transport and Storage	Information and Communication	Financial and Insurance
2012-Mar	7.9	2.9	2.7	4.9	1.9	7.9	0.4	0.4	9.2	7.3	8.9	5.3	3.9	4.5
2012-June	8.9	3.1	2.7	5.4	1.5	8.3	0.3	0.4	10.7	8.1	5.5	5.3	4.1	4.4
2012-Sept	9.0	2.7	2.5	5.1	1.6	7.3	0.3	0.4	12.4	7.5	8.9	5.2	2.9	4.2
2012-Dec	13.4	2.7	2.4	4.2	1.6	7.3	0.3	0.4	7.1	6.8	7.2	4.9	3.8	4.4
2013-Mar	9.8	2.7	2.5	4.5	1.6	7.8	0.4	0.4	8.5	7.3	9.4	5.3	2.8	4.3
2013-June	9.4	3.1	2.7	5.4	1.4	7.8	0.4	0.4	12.3	7.1	5.7	5.5	3.3	4.8
2013-Sept	10.6	2.8	2.5	5.1	1.6	7.8	0.3	0.4	7.7	6.8	8.0	5.4	3.0	4.4
2013-Dec	14.9	2.6	2.3	4.1	1.4	7.3	0.3	0.4	8.9	7.1	8.1	4.9	2.8	3.8
2014-Mar	7.9	2.6	2.3	4.3	1.4	7.5	0.3	0.4	9.0	6.7	9.0	4.9	3.6	3.9
2014-June	9.0	3.1	2.7	5.4	1.4	8.3	0.3	0.4	8.8	8.0	5.8	5.8	4.2	5.0
2014-Sept	9.4	2.8	2.4	5.0	1.6	7.7	0.3	0.4	10.5	6.8	8.0	4.8	3.3	4.5
2014-Dec	12.8	2.7	2.3	4.6	1.6	8.0	0.3	0.4	7.7	8.3	8.2	5.7	2.8	4.4
2015-Mar	7.6	2.6	2.2	4.6	1.7	7.5	0.3	0.4	11.9	6.1	8.4	5.0	4.1	4.3
2015-June	8.1	3.1	2.5	5.6	1.4	8.1	0.3	0.4	12.0	7.2	5.9	5.4	4.1	5.0
2015-Sept	8.4	2.9	2.4	5.3	1.6	8.1	0.3	0.4	8.5	7.3	9.1	5.3	3.1	4.7
2015-Dec	11.7	2.8	2.3	4.4	1.6	8.5	0.3	0.4	5.8	7.8	8.9	5.1	2.7	4.7
2016-Mar	7.0	2.6	2.2	4.7	1.7	7.6	0.3	0.4	11.1	6.7	8.5	4.9	3.8	5.3
2016-June	7.5	3.0	2.4	5.4	1.4	7.9	0.3	0.4	12.6	7.0	6.6	5.5	4.0	4.5
2016-Sept	8.8	2.8	2.3	4.7	1.9	8.2	0.3	0.4	9.6	6.6	8.3	5.4	3.3	4.4
2016-Dec	12.9	2.9	2.3	4.4	2.0	8.4	0.4	0.4	6.6	7.7	9.7	5.1	3.1	4.6
2017-Mar	6.5	2.6	2.2	4.5	1.7	8.1	0.4	0.4	10.2	7.1	11.9	4.7	3.3	4.3
2017-June	7.0	2.9	2.4	5.0	1.8	8.5	0.3	0.4	15.0	6.6	7.9	5.6	2.3	4.7
2017-Sept	8.6	2.7	2.3	4.9	2.5	8.7	0.3	0.4	8.1	6.5	10.8	5.1	2.1	4.9

Table 5 (b): GDP by Industry - Percentage shares of total GDP

Quarter	Real Estate	Professional, Scientific & Technical	Administrative & Support	Public administration	Education	Human Health & Social work	Arts, Entertainment & Recreation	Other services	Households as employers	FISIM	All indust. at basic prices	Taxes on products	GDP at market prices
2012-Mar	5.9	0.2	0.8	10.4	2.6	1.1	0.4	0.7	0.1	-1.2	89.1	10.9	100.0
2012-June	6.1	0.2	0.6	10.8	2.6	1.0	0.2	0.4	0.1	-1.2	89.6	10.4	100.0
2012-Sept	5.6	0.2	0.7	9.8	2.3	0.9	0.4	0.6	0.1	-1.1	89.5	10.5	100.0
2012-Dec	5.4	0.2	0.6	9.7	2.3	0.9	0.3	0.6	0.1	-1.2	85.5	14.5	100.0
2013-Mar	5.7	0.2	0.8	10.0	2.4	1.0	0.4	0.7	0.1	-1.2	87.3	12.7	100.0
2013-June	6.2	0.3	0.5	11.0	2.5	1.0	0.2	0.4	0.1	-1.3	90.2	9.8	100.0
2013-Sept	5.8	0.2	0.7	10.1	2.3	1.0	0.3	0.6	0.1	-1.2	86.4	13.6	100.0
2013-Dec	5.2	0.2	0.7	8.8	2.1	0.9	0.4	0.6	0.1	-1.1	86.8	13.2	100.0
2014-Mar	5.4	0.2	0.7	9.6	2.3	0.9	0.4	0.7	0.1	-1.1	83.2	16.8	100.0
2014-June	6.3	0.2	0.5	10.8	2.6	1.1	0.2	0.4	0.1	-1.4	89.2	10.8	100.0
2014-Sept	5.7	0.4	0.6	10.6	2.3	1.0	0.3	0.5	0.1	-1.3	87.9	12.1	100.0
2014-Dec	5.4	0.4	0.7	10.2	2.2	0.9	0.4	0.6	0.1	-1.2	89.6	10.4	100.0
2015-Mar	5.3	0.4	0.7	10.2	2.1	0.9	0.4	0.6	0.1	-1.2	86.0	14.0	100.0
2015-June	6.1	0.3	0.5	11.7	2.4	1.0	0.2	0.4	0.1	-1.4	90.4	9.6	100.0
2015-Sept	5.9	0.4	0.7	11.3	2.3	0.9	0.4	0.7	0.1	-1.3	89.0	11.0	100.0
2015-Dec	5.7	0.3	0.8	10.7	2.2	0.8	0.4	0.7	0.1	-1.3	87.3	12.7	100.0
2016-Mar	5.4	0.4	0.7	10.5	2.2	0.8	0.4	0.7	0.1	-1.6	86.3	13.7	100.0
2016-June	6.0	0.4	0.6	11.8	2.4	0.9	0.3	0.5	0.1	-1.3	90.3	9.7	100.0
2016-Sept	5.7	0.3	0.7	11.3	2.3	0.9	0.4	0.6	0.1	-1.3	88.1	11.9	100.0
2016-Dec	5.8	0.3	0.7	11.1	2.2	0.9	0.4	0.7	0.1	-1.3	91.4	8.6	100.0
2017-Mar	5.4	0.3	1.0	10.2	2.2	0.8	0.6	0.9	0.1	-1.2	87.9	12.1	100.0
2017-June	5.9	0.4	0.6	11.0	2.5	0.9	0.4	0.6	0.1	-1.4	91.3	8.7	100.0
2017-Sept	5.9	0.3	0.9	10.4	2.4	0.8	0.5	0.8	0.1	-1.5	88.6	11.4	100.0

Table 6(a): GDP by Industry - Percentage contributions to change in GDP - Constant Prices

Quarter	Crops	Livestock	Forestry	Fishing	Mining and quarrying	Manufacturing	Electricity	Water supply	Construction	Wholesale and retail trade	Accommodation and food services	Transport and Storage	Information and Communication	Financial and Insurance
2012-Mar	-3.3	0.2	0.1	0.2	0.6	0.0	0.0	0.0	1.3	-0.9	0.0	0.9	0.6	0.3
2012-June	-3.9	0.2	0.1	0.6	0.2	0.8	0.0	0.0	0.7	0.0	1.1	0.5	0.9	0.1
2012-Sept	-1.8	0.2	0.1	0.7	0.1	0.0	0.0	0.0	2.2	-0.5	0.1	1.0	-0.2	0.1
2012-Dec	-0.7	0.1	0.1	-0.8	0.0	0.3	0.0	0.0	-0.4	-2.1	-0.6	0.4	0.4	0.7
2013-Mar	2.9	0.1	0.1	0.0	-0.2	0.6	0.0	0.0	0.2	0.7	1.5	0.5	-0.8	0.3
2013-June	0.9	0.1	0.1	0.3	0.0	-0.2	0.0	0.0	2.2	-0.7	0.4	0.4	-0.6	0.6
2013-Sept	1.9	0.1	0.1	0.0	0.0	0.8	0.0	0.0	-4.4	-0.5	-0.8	0.4	0.2	0.3
2013-Dec	3.3	0.2	0.1	0.4	0.0	0.8	0.0	0.0	2.9	1.2	1.8	0.6	-0.7	-0.2
2014-Mar	-0.9	0.2	0.1	0.3	0.0	0.6	0.0	0.0	1.6	0.3	0.8	0.1	1.2	0.1
2014-June	0.1	0.2	0.1	0.2	0.1	1.0	0.0	0.0	-3.0	1.4	0.4	0.7	1.2	0.5
2014-Sept	-0.5	0.2	0.1	0.4	0.2	0.5	0.0	0.0	3.6	0.5	0.6	-0.3	0.5	0.5
2014-Dec	-1.8	0.2	0.1	0.7	0.2	0.9	0.0	0.0	-1.0	1.4	0.4	0.9	0.1	0.7
2015-Mar	0.4	0.2	0.1	0.7	0.5	0.8	0.0	0.0	4.0	0.0	0.2	0.7	0.8	0.7
2015-June	-0.1	0.2	0.1	0.8	0.1	0.6	0.0	0.0	4.4	-0.1	0.7	0.2	0.3	0.5
2015-Sept	-0.6	0.2	0.1	0.4	0.0	0.8	0.0	0.0	-1.6	0.8	1.5	0.8	0.0	0.4
2015-Dec	-0.8	0.2	0.1	-0.1	0.0	0.7	0.0	0.0	-1.8	-0.3	0.8	-0.5	-0.1	0.4
2016-Mar	-0.2	0.2	0.1	0.3	0.1	0.4	0.0	0.0	-0.3	0.9	0.5	0.1	-0.1	1.3
2016-June	0.1	0.2	0.1	0.2	0.1	0.5	0.0	0.0	1.7	0.4	1.2	0.5	0.3	-0.1
2016-Sept	1.1	0.2	0.1	-0.2	0.4	0.8	0.0	0.0	1.9	-0.1	0.0	0.6	0.5	0.2
2016-Dec	1.6	0.2	0.1	0.2	0.5	0.3	0.0	0.0	1.1	0.2	1.3	0.2	0.5	0.2
2017-Mar	-0.1	0.2	0.1	0.1	0.1	1.1	0.1	0.0	-0.2	0.9	4.1	0.1	-0.5	-0.8
2017-June	0.0	0.1	0.1	0.0	0.6	1.2	0.0	0.0	3.5	0.1	2.0	0.5	-1.8	0.6
2017-Sept	0.2	0.0	0.1	0.5	0.8	0.9	0.0	0.1	-1.1	0.2	3.0	-0.1	-0.5	0.7

Table 6(b): GDP by Industry - Percentage contributions to change in GDP - Constant Prices

Quarter	Real Estate	Professional, Scientific & Technical	Administrative & Support	Public administration	Education	Human Health & Social work	Arts, Entertainment & Recreation	Other services	Households as employers	FISIM	All indust. at basic prices	Taxes on products	GDP at market prices
2012-Mar	0.4	0.0	0.1	1.1	0.0	0.1	0.0	0.0	0.0	-0.1	1.7	1.9	3.7
2012-June	0.4	0.0	0.1	1.3	0.1	0.0	0.0	0.0	0.0	0.0	3.6	3.3	6.9
2012-Sept	0.4	0.0	0.0	1.3	0.1	0.0	0.0	0.0	0.0	0.0	3.7	2.1	5.8
2012-Dec	0.3	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	-0.1	-1.5	4.8	3.3
2013-Mar	0.4	0.1	0.1	0.7	0.0	0.0	0.0	0.0	0.0	-0.1	7.1	3.1	10.2
2013-June	0.4	0.1	-0.1	0.6	0.0	0.0	0.0	0.0	0.0	-0.2	4.4	-0.2	4.2
2013-Sept	0.4	0.1	0.0	0.7	0.0	0.0	0.0	0.0	0.0	-0.2	-0.8	3.4	2.7
2013-Dec	0.4	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0	11.4	0.2	11.7
2014-Mar	0.4	0.0	0.0	0.8	0.2	0.1	0.0	0.1	0.0	-0.1	6.0	6.2	12.1
2014-June	0.4	0.0	0.0	0.5	0.3	0.1	0.0	0.0	0.0	-0.1	4.3	1.7	5.9
2014-Sept	0.4	0.2	-0.1	1.3	0.2	0.1	0.0	0.0	0.0	-0.1	8.2	-0.5	7.7
2014-Dec	0.4	0.2	0.0	1.6	0.1	0.0	0.0	0.0	0.0	-0.2	5.1	-2.5	2.6
2015-Mar	0.4	0.2	0.0	1.5	0.1	0.0	0.0	0.0	0.0	-0.2	11.1	-1.5	9.6
2015-June	0.4	0.1	0.0	2.1	0.1	0.0	0.0	0.1	0.0	-0.2	10.5	-0.2	10.3
2015-Sept	0.4	0.0	0.2	1.2	0.1	0.0	0.1	0.2	0.0	-0.1	4.9	-0.6	4.3
2015-Dec	0.4	-0.1	0.1	0.8	0.1	0.0	0.1	0.1	0.0	-0.2	-0.3	2.6	2.3
2016-Mar	0.4	0.0	0.1	1.0	0.2	0.0	0.0	0.1	0.0	-0.5	4.6	0.4	5.0
2016-June	0.4	0.1	0.1	1.2	0.2	0.0	0.1	0.1	0.0	0.0	7.9	0.9	8.8
2016-Sept	0.4	0.0	0.0	1.1	0.2	0.0	0.0	0.0	0.0	-0.1	7.1	1.9	9.1
2016-Dec	0.4	0.0	0.0	0.7	0.1	0.1	0.0	0.0	0.0	-0.1	7.9	-3.7	4.2
2017-Mar	0.4	0.0	0.4	0.3	0.1	0.0	0.2	0.3	0.0	0.3	7.1	-0.8	6.3
2017-June	0.4	0.1	0.1	0.0	0.2	0.0	0.1	0.1	0.0	-0.2	7.7	-0.3	7.4
2017-Sept	0.4	0.0	0.3	-0.4	0.2	0.0	0.2	0.2	0.0	-0.3	5.4	0.1	5.5

Table 7(a): GDP by Industry - Percentage contributions to change in GDP (Annually October 2016 to September 2017) - Constant Prices

Year	Crops	Livestock	Forestry	Fishing	Mining and quarrying	Manufacturing	Electricity	Water supply	Construction	Wholesale and retail trade	Accommodation and food services	Transport and Storage	Information and Communication	Financial and Insurance
2012-Mar	-5.3	5.5	4.0	13.3	27.6	4.7	8.5	5.9	46.5	4.6	10.3	16.4	10.2	5.9
2012-June	-14.3	6.5	4.1	13.9	30.1	4.0	10.5	6.1	40.5	3.6	10.8	13.2	14.6	5.9
2012-Sept	-18.1	6.9	4.0	14.0	23.1	2.7	11.4	4.5	22.2	-0.9	5.3	18.0	12.1	3.1
2012-Dec	-18.4	6.7	3.9	2.5	12.7	3.6	9.5	3.4	9.9	-10.4	1.5	14.9	11.9	7.6
2013-Mar	-6.9	5.8	3.6	1.9	0.4	5.5	6.0	5.2	6.8	-6.0	6.0	12.7	1.5	7.3
2013-June	2.6	5.2	3.5	0.5	-3.4	2.5	5.4	4.2	10.5	-8.3	4.0	12.1	-8.4	9.8
2013-Sept	11.9	5.0	3.5	-2.6	-4.0	5.0	4.3	3.3	-7.0	-8.4	1.1	8.8	-5.6	10.5
2013-Dec	22.9	5.1	3.5	3.6	-3.6	6.9	3.1	6.0	1.9	2.9	9.5	9.4	-13.4	5.1
2014-Mar	12.7	5.8	3.6	5.1	-0.3	6.9	4.8	5.1	5.6	1.5	7.3	7.5	1.0	4.2
2014-June	10.7	6.5	3.7	5.0	1.2	10.7	3.3	5.3	-6.6	8.6	7.2	8.4	14.6	3.6
2014-Sept	4.7	7.0	3.8	6.8	3.5	9.4	3.5	6.4	15.4	12.4	11.9	4.8	17.1	5.0
2014-Dec	-7.2	7.5	3.9	8.9	8.4	9.9	4.7	4.8	3.3	13.0	6.9	7.0	24.8	10.6
2015-Mar	-4.5	7.6	4.0	11.4	16.8	10.6	5.3	4.3	10.7	11.7	4.9	9.7	19.1	14.5
2015-June	-5.0	7.7	4.1	14.1	18.2	9.0	7.0	4.4	30.7	6.7	5.8	7.4	11.6	14.8
2015-Sept	-5.2	7.7	4.0	14.3	16.0	9.9	6.5	5.4	14.6	7.5	8.9	13.0	7.7	13.7
2015-Dec	-2.5	7.7	4.0	9.1	10.9	8.8	6.7	5.6	12.5	0.9	10.3	5.2	7.4	11.2
2016-Mar	-3.9	7.8	3.9	6.6	3.8	7.5	5.4	5.8	0.1	4.4	11.6	2.5	3.4	14.7
2016-June	-3.4	7.7	3.9	4.0	3.6	7.5	4.6	6.1	-5.0	5.9	13.1	4.2	5.9	11.3
2016-Sept	0.9	7.4	4.0	1.1	9.7	7.7	7.1	4.8	3.3	2.9	7.9	3.0	4.4	10.1
2016-Dec	7.4	7.1	4.2	2.8	18.8	6.3	8.2	5.3	11.3	5.1	9.4	6.8	9.1	8.9
2017-Mar	7.8	6.6	4.3	1.8	18.4	8.5	11.8	5.9	11.7	5.1	21.4	6.8	3.6	-2.8
2017-June	7.5	5.6	4.5	0.8	25.4	10.6	10.6	7.1	16.2	4.3	23.2	6.6	-12.8	0.4
2017-Sept	4.7	4.4	4.7	4.2	29.1	10.9	7.0	9.9	8.1	5.3	32.5	3.5	-14.9	3.5

Table 5(b): GDP by Industry - Percentage contributions to change in GDP (Annually October 2016 to September 2017) - Constant Prices

Year	Real Estate	Professional, Scientific & Technical	Administrative & Support	Public administration	Education	Human Health & Social work	Arts, Entertainment & Recreation	Other services	Households as employers	FISIM	All indust. at basic prices	Taxes on products	GDP at market prices
2012-Mar	6.5	5.1	6.8	4.8	4.0	3.2	2.9	2.8	3.2	14.8	8.6	15.3	9.2
2012-June	6.5	13.1	9.9	7.7	3.3	3.6	3.5	3.4	3.2	10.9	7.3	23.4	8.7
2012-Sept	6.6	16.9	6.0	11.0	2.9	2.7	-1.4	-0.7	3.2	3.3	4.8	25.0	6.6
2012-Dec	6.6	21.4	5.0	12.0	2.8	2.4	-0.7	-0.1	3.2	4.8	2.0	33.4	4.8
2013-Mar	6.6	24.5	5.7	10.6	2.7	0.6	0.0	0.5	3.2	4.5	3.4	35.0	6.5
2013-June	6.6	31.3	-1.4	8.9	2.5	0.6	-1.6	-0.8	3.2	9.4	3.7	24.7	5.8
2013-Sept	6.7	39.5	-1.1	7.2	2.0	1.5	0.7	1.1	3.2	13.9	2.4	27.3	5.0
2013-Dec	6.7	47.9	6.2	5.2	2.5	3.0	7.5	6.6	3.2	10.8	6.3	14.1	7.2
2014-Mar	6.7	34.9	5.0	5.7	4.3	5.6	8.3	7.2	3.2	10.8	6.1	20.4	7.8
2014-June	6.7	20.0	8.9	5.6	6.9	7.3	10.1	8.8	3.2	8.7	6.1	24.1	8.2
2014-Sept	6.7	34.0	6.8	7.1	8.6	8.4	9.3	8.1	3.2	8.1	8.7	14.7	9.5
2014-Dec	6.8	43.4	2.0	10.8	7.9	7.4	5.9	5.3	3.2	11.4	6.7	8.6	7.0
2015-Mar	6.8	64.5	1.0	12.3	6.4	5.4	3.7	3.5	3.2	13.7	8.3	-6.2	6.3
2015-June	6.8	71.0	1.2	15.5	4.1	3.8	4.1	3.8	3.2	14.5	9.8	-9.0	7.3
2015-Sept	6.8	34.5	10.5	15.1	3.0	2.3	14.6	12.5	3.2	14.2	8.8	-9.3	6.4
2015-Dec	6.8	9.2	12.9	13.3	2.9	0.2	17.2	14.7	3.2	13.7	7.3	0.8	6.5
2016-Mar	6.9	-5.0	14.7	12.3	4.4	0.2	20.7	17.5	3.2	19.4	5.5	5.0	5.4
2016-June	6.9	-0.7	18.0	10.6	5.8	0.3	24.9	21.1	3.2	15.3	5.1	7.2	5.3
2016-Sept	6.9	2.8	9.5	10.1	6.5	0.4	13.3	11.6	3.2	13.5	5.5	12.7	6.3
2016-Dec	6.9	9.6	6.7	9.0	7.4	3.8	9.8	8.7	3.2	11.2	7.8	-1.4	6.7
2017-Mar	6.9	6.1	18.6	7.2	6.5	3.5	23.2	20.1	3.2	-3.3	8.4	-4.2	6.9
2017-June	7.0	2.3	17.7	4.4	7.0	3.2	20.4	17.8	3.2	0.0	8.3	-6.5	6.6
2017-Sept	7.0	2.2	28.1	1.2	8.0	2.0	32.1	27.7	3.2	3.9	8.0	-9.8	5.9

Table 6(a): GDP by Industry - Percentage contributions to change in GDP (Annually October 2016 to September 2017) - Current Prices

Year	Crops	Livestock	Forestry	Fishing	Mining and quarrying	Manufacturing	Electricity	Water supply	Construction	Wholesale and retail trade	Accommodation and food services	Transport and Storage	Information and Communication	Financial and Insurance
2012-Mar	59.2	24.9	32.6	31.1	40.4	17.2	-8.1	27.3	58.7	18.9	25.8	14.3	-46.2	1.4
2012-June	40.5	28.7	32.2	32.9	45.9	24.7	-10.1	34.2	53.0	18.7	27.2	12.7	-20.3	7.2
2012-Sept	7.7	28.7	28.1	25.5	39.5	30.3	9.8	35.0	34.7	14.4	21.1	19.5	32.9	11.7
2012-Dec	-20.9	19.8	21.1	20.7	27.8	29.4	16.9	23.2	22.2	3.2	14.0	18.4	140.7	24.7
2013-Mar	-13.1	10.2	11.9	14.8	12.8	30.1	45.8	33.6	19.4	6.6	18.0	24.4	123.9	30.8
2013-June	-6.9	3.6	8.3	6.1	7.4	22.4	51.6	39.1	24.2	2.1	14.4	24.7	58.4	38.4
2013-Sept	11.9	2.6	8.0	8.8	6.2	19.2	2.8	49.0	4.4	0.2	8.2	22.7	76.7	42.8
2013-Dec	42.2	6.0	9.8	6.9	6.7	16.6	14.4	78.4	13.5	8.9	17.9	28.0	104.3	39.8
2014-Mar	36.5	13.5	12.4	10.8	10.4	10.3	17.7	74.0	15.3	6.1	15.2	20.3	267.6	42.8
2014-June	37.0	16.1	13.9	14.2	12.1	8.7	20.3	72.2	-0.2	12.2	14.9	16.9	488.6	44.2
2014-Sept	20.4	17.1	14.5	10.0	13.6	4.7	50.3	70.0	20.4	14.5	20.3	6.8	477.1	44.6
2014-Dec	-1.0	5.5	14.2	13.4	17.2	4.4	2.3	52.8	6.7	16.3	13.6	-2.5	369.6	42.7
2015-Mar	-0.2	6.8	15.2	10.8	24.4	5.2	-14.7	33.7	13.5	14.8	9.8	4.3	184.6	31.5
2015-June	-1.3	-1.1	14.3	8.9	25.3	5.2	-13.5	21.9	33.9	10.2	10.6	11.0	83.3	16.5
2015-Sept	-3.0	-12.7	11.1	9.8	22.8	11.4	-5.5	11.8	18.0	12.9	14.7	26.3	30.4	3.2
2015-Dec	-3.1	-3.1	8.3	7.1	18.1	15.5	26.3	5.6	16.5	8.1	17.8	36.8	7.2	-4.3
2016-Mar	-3.3	-20.2	5.8	7.8	11.8	17.0	32.2	5.5	5.8	13.8	22.1	25.1	9.2	1.8
2016-June	-2.6	-11.1	4.7	3.8	11.0	19.3	31.0	5.8	0.8	16.2	25.0	17.0	11.7	5.7
2016-Sept	7.1	1.8	5.8	2.3	17.1	14.3	20.6	4.3	9.1	11.8	19.4	5.6	3.8	14.4
2016-Dec	21.0	1.7	6.5	2.7	25.9	17.6	29.2	4.1	16.8	11.6	20.7	-1.4	6.3	21.8
2017-Mar	20.1	15.3	5.4	4.1	23.9	16.8	71.9	6.7	0.8	9.4	31.4	-4.6	-27.9	12.0
2017-June	18.4	9.9	5.4	13.8	31.6	15.2	92.0	6.9	5.9	7.5	33.4	-9.7	-33.0	15.6
2017-Sept	11.9	5.9	7.0	22.4	52.9	15.3	260.3	8.5	-2.1	7.9	42.1	-13.2	-17.3	16.5

Table 6(b): GDP by Industry - Percentage contributions to change in GDP (Annually October 2016 to September 2017) - Current Prices

Year	Real Estate	Professional, Scientific & Technical	Administrative & Support	Public administration	Education	Human Health & Social work	Arts, Entertainment & Recreation	Other services	Households as employers	FISIM	All indust. at basic prices	Taxes on products	GDP at market prices
2012-Mar	20.5	17.9	30.9	33.5	21.3	30.3	61.4	9.9	14.7	22.7	31.9	23.3	31.0
2012-June	25.3	28.2	28.1	34.9	14.0	38.1	66.0	9.0	23.2	19.1	30.0	23.9	29.4
2012-Sept	27.3	33.4	19.2	53.3	17.1	39.4	50.3	2.3	31.7	13.5	23.0	22.8	23.0
2012-Dec	22.4	39.6	12.1	42.5	12.7	31.4	33.5	0.9	33.5	23.4	10.8	22.1	12.0
2013-Mar	22.1	44.2	9.5	6.8	-1.0	28.2	14.4	1.7	23.6	38.8	10.2	18.4	11.0
2013-June	21.9	52.4	6.1	0.2	-0.2	19.7	5.5	0.8	15.1	64.6	9.2	9.4	9.2
2013-Sept	23.4	61.5	4.1	-9.4	-0.8	11.6	0.1	3.5	7.8	86.6	9.4	9.3	9.4
2013-Dec	32.2	71.6	6.4	8.4	13.3	6.7	4.0	11.1	3.5	85.9	20.3	13.3	19.6
2014-Mar	34.2	56.8	3.2	24.0	30.6	3.7	4.3	14.1	3.4	75.3	22.1	18.3	21.7
2014-June	36.0	39.6	3.3	17.6	35.8	3.1	6.0	16.6	3.3	54.6	23.0	29.9	23.7
2014-Sept	36.7	57.9	8.0	14.6	38.5	5.6	5.1	17.0	16.3	37.2	23.5	29.3	24.1
2014-Dec	29.7	66.9	1.2	-7.9	23.6	6.4	2.0	13.5	29.2	25.5	14.5	20.2	15.1
2015-Mar	22.4	85.6	2.8	-10.6	16.2	8.0	0.7	9.9	42.1	16.4	13.3	14.8	13.5
2015-June	16.5	87.8	0.7	-4.0	11.7	13.6	1.3	9.6	54.8	9.7	12.4	6.0	11.7
2015-Sept	12.7	43.1	-4.4	-5.1	5.1	12.8	12.1	17.0	37.4	3.8	9.3	2.8	8.6
2015-Dec	12.1	15.9	0.9	2.6	5.4	13.3	14.9	18.6	23.7	0.7	8.9	2.0	8.2
2016-Mar	13.4	2.2	2.1	2.1	6.3	14.0	18.0	21.7	12.5	4.4	8.1	-1.0	7.1
2016-June	14.9	7.8	10.6	-0.8	6.6	9.7	21.9	25.6	3.2	0.8	8.4	6.6	8.2
2016-Sept	14.8	12.5	29.8	0.2	8.3	7.2	10.2	16.4	3.2	0.3	9.6	13.0	10.0
2016-Dec	14.8	19.9	40.7	-1.5	8.9	5.2	6.6	13.4	3.2	0.0	13.3	21.9	14.2
2017-Mar	15.0	15.4	39.9	0.0	8.5	1.3	19.5	25.3	3.2	-10.3	10.7	29.9	12.5
2017-June	14.6	11.6	34.8	5.7	12.2	23.5	16.7	23.0	3.2	-3.7	11.6	22.0	12.6
2017-Sept	13.7	10.4	31.4	12.4	17.2	47.0	28.5	33.0	3.2	3.5	14.2	22.7	15.0

