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# Statistical release

## P0441

# Gross domestic product

## Fourth quarter 2015

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## KEY FINDINGS FOR THE FOURTH QUARTER OF 2015

### Real gross domestic product at market prices increased by 0,6 per cent quarter-on-quarter, seasonally adjusted and annualised

The largest contributions to the quarter-on-quarter growth of 0,6 per cent were as follows:

- Finance, real estate and business services and the wholesale, retail and motor trade; catering and accommodation industry each contributed 0,4 of a percentage point based on growth of 1,9 per cent and 2,8 per cent respectively; and
- General government services contributed 0,2 of a percentage point based on growth of 1,0 per cent.

### Key economic developments

The following points should be noted when analysing the recent performance of the economy:

- Economic activity in finance, real estate and business services reflected positive growth of 1,9 per cent due to increased activities in financial markets and the banking sector;
- Economic activity in the wholesale, retail and motor trade; catering and accommodation industry reflected positive growth of 2,8 per cent due to increases in turnover in the retail trade and catering and accommodation divisions;
- Economic activity in the agriculture, forestry and fishing industry reflected negative growth of 14,0 per cent due to decreases in the production of field crops and forestry; and
- Economic activity in the manufacturing industry reflected negative growth of 2,6 per cent due to decreases in the basic iron and steel, non-ferrous metal products, metal products and machinery division, the wood and wood products, paper, publishing and printing division, and the motor vehicles, parts and accessories and other transport equipment division.

### The unadjusted real GDP at market prices increased by 0,6 per cent year-on-year

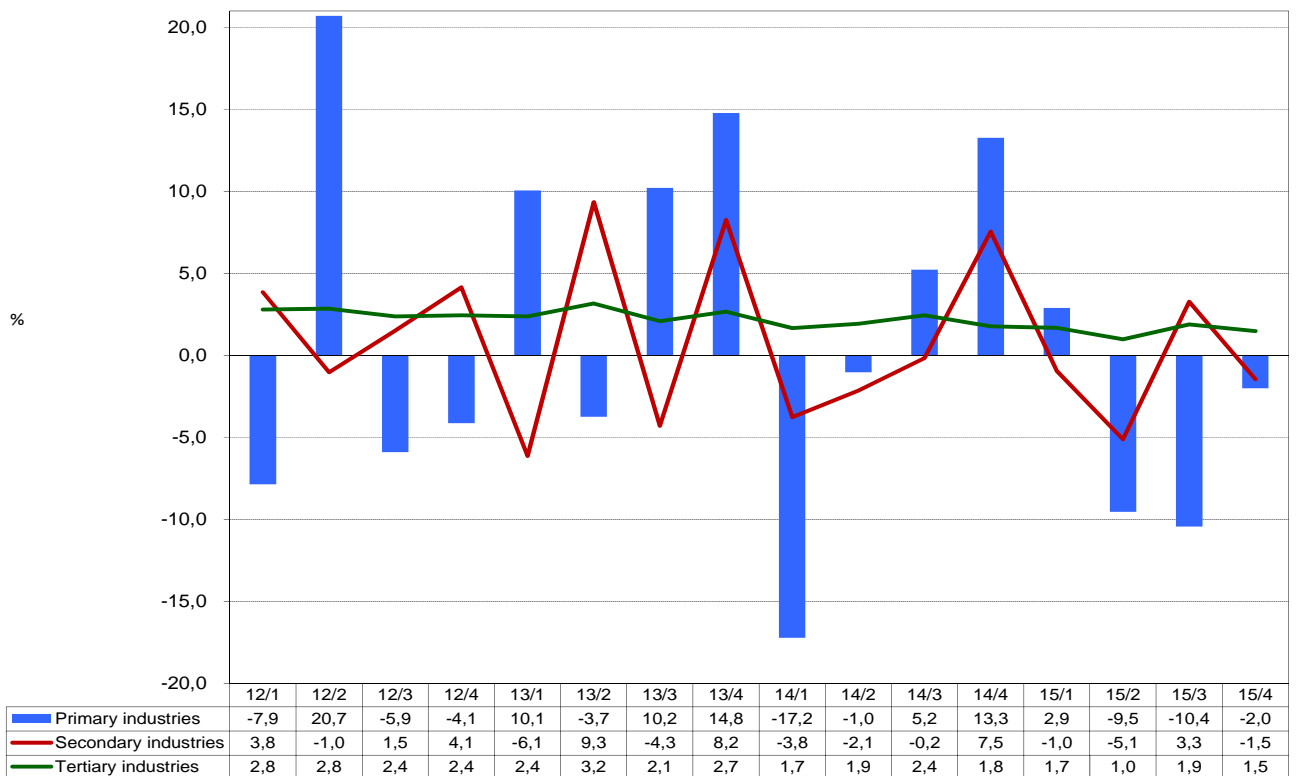
The most notable performances of industries in the fourth quarter of 2015 compared with the fourth quarter of 2014 were as follows:

- Finance, real estate and business services increased by 2,6 per cent;
- The wholesale, retail and motor trade; catering and accommodation industry increased by 1,7 per cent;
- The agriculture, forestry and fishing industry decreased by 14,1 per cent;
- The electricity, gas and water industry decreased by 2,9 per cent;
- The manufacturing industry decreased by 0,8 per cent; and
- The mining and quarrying industry decreased by 0,6 per cent.

**Figure 1 – Growth in gross domestic product year-on-year (Y/Y) and quarter-on-quarter seasonally adjusted and annualised (Q/Q)**



**Figure 2 – Value added growth rates in various sectors (seasonally adjusted and annualised)**



## **Nominal GDP estimated at R1 027 billion for the fourth quarter of 2015**

The nominal GDP at market prices during the fourth quarter of 2015 was R1 027 billion, which is R20 billion more than in the third quarter of 2015. The most notable performances were as follows:

- Wholesale, retail and motor trade; catering and accommodation expanded by R16 billion to R148 billion;
- Transport, storage and communication expanded by R4 billion to R94 billion;
- Finance, real estate and business services expanded by R2 billion to R189 billion;
- Agriculture, forestry and fishing decreased by R9 billion to R11 billion; and
- Electricity, gas and water decreased by R6 billion to R27 billion.

### **Structure of the economy**

The largest industries, as measured by their nominal value added in the fourth quarter of 2015, were as follows:

- Finance, real estate and business services – 20,7 per cent;
- General government services – 17,6 per cent;
- Wholesale, retail and motor trade; catering and accommodation – 16,3 per cent; and
- Manufacturing – 13,3 per cent.

## KEY FINDINGS FOR THE ANNUAL ESTIMATES OF 2015

### Real gross domestic product at market prices increased by 1,3 per cent in 2015, following an increase of 1,5 per cent in 2014

The largest contributions to the increase in economic activity in 2015 were as follows:

- Finance, real estate and business services contributed 0,6 of a percentage point based on growth of 2,8 per cent; and
- The wholesale, retail and motor trade; catering and accommodation industry and the mining and quarrying industry each contributed 0,2 of a percentage point based on growth of 1,4 per cent and 3,0 per cent respectively.

### Nominal GDP estimated at R4,0 trillion for the year 2015

The nominal gross domestic product at market prices in 2015 was R4,0 trillion, which is R194 billion more than in 2014.

The most notable performances were as follows:

- Finance, real estate and business services expanded by R44 billion to R744 billion;
- General government services expanded by R40 billion to R618 billion;
- The wholesale, retail and motor trade; catering and accommodation industry expanded by R30 billion to R535 billion;
- The transport, storage and communication industry expanded by R14 billion to R354 billion; and
- The manufacturing industry expanded by R11 billion to R463 billion.

### Structure of the economy

The largest industries, as measured by their nominal value added in 2015, were as follows:

- Finance, real estate and business services – 20,9 per cent;
- General government – 17,4 per cent;
- Wholesale, retail and motor trade; catering and accommodation – 15,0 per cent; and
- Manufacturing – 13,0 per cent.

**PJ Lehohla**  
**Statistician-General**

**NOTES**

<b>Forthcoming issues</b>	Issue	Expected date of publications
	First quarter of 2016	7 June 2016
	Second quarter of 2016	6 September 2016
	Third quarter of 2016	6 December 2016
	Fourth quarter of 2016	7 March 2017

**Changes to the GDP statistical publication** With effect from June 2016, responsibility for publishing expenditure on GDP will shift from the South African Reserve Bank (SARB) to Statistics South Africa (Stats SA).

Therefore, Stats SA will publish GDP (by production) and expenditure on GDP simultaneously in one statistical release. The first version of the GDP statistical release in its new format is scheduled for Tuesday, 7 June 2016. This is in line with the planned schedule of publication dates, which is as follows.

- First quarter GDP: first Tuesday of June (previously final Tuesday of May);
- Second quarter GDP: first Tuesday of September (previously final Tuesday of August);
- Third quarter GDP: first Tuesday of December (previously final Tuesday of November); and
- Fourth quarter GDP: first Tuesday of March (previously final Tuesday of February).

In preparation for the first combined publication in June 2016, Stats SA will provide information papers and organise information sessions. In addition, revised time series will be provided ahead of the June 2016 publication.

Exact details of all the planned activities will be communicated in the first half of 2016.

**Regional estimates** The tables for gross domestic product by region are available in Excel files which can be downloaded from the Stats SA website: [http://www.statssa.gov.za/?page\\_id=1866&PPN=P0441&SCH=6135](http://www.statssa.gov.za/?page_id=1866&PPN=P0441&SCH=6135)



## THE TABLES

This statistical release includes 7 tables that relate to estimates of nominal and real GDP. Table A provides an overview of the various tables and their contents.

### Table A – Descriptions of series of tables

<b>Table number</b>	<b>Table description</b>
<b>Tables 1 to 2</b>	Tables 1 and 2 show values added by industry at constant 2010 basic prices, in Rand million and as percentage changes from the same quarter in the previous year.
<b>Tables 3 to 4</b>	Tables 3 and 4 contain seasonally adjusted and annualised values added at constant 2010 basic prices by industry, in Rand million and as annualised percentage changes from the previous quarter.
<b>Tables 5 to 7</b>	Tables 5 to 7 present quarterly estimates at current prices of values added by industry and GDP (Table 5), compensation of employees by industry (Table 6), and gross operating surplus and net other taxes on production by industry (Table 7).



**Table 2 - Percentage change in the quarterly value added by industry and gross domestic product at constant 2010 prices**

Year <sup>1/</sup>	Quarter <sup>2/</sup>	Agriculture, forestry and fishing	Mining and quarrying	Manu-facturing	Electricity, gas and water	Construction	Wholesale, retail and motor trade; catering and accomodation	Transport, storage and communication	Finance, real estate and business services	General government services	Personal services	Total value added at basic prices	Taxes less subsidies on products	GDP at market prices	Total value added at basic prices excluding agriculture
2005		2,8	1,0	6,2	5,3	11,9	7,0	5,3	5,7	4,3	3,8	5,3	5,0	5,3	5,4
2006		-5,5	-0,6	6,4	3,4	10,4	6,0	5,1	9,6	3,1	5,2	5,5	6,2	5,6	5,8
2007		3,0	-0,6	5,4	3,4	15,5	5,6	7,5	7,3	4,7	5,5	5,4	4,9	5,4	5,5
2008		19,4	-5,3	2,3	-3,5	9,9	1,8	3,5	5,6	5,6	3,8	3,3	2,3	3,2	2,9
2009		-1,9	-5,1	-10,6	-1,8	8,5	-1,1	-0,2	1,1	3,2	-0,8	-1,4	-2,6	-1,5	-1,4
2010		-0,3	5,3	5,9	2,4	0,7	4,4	1,7	1,2	2,7	0,4	2,9	4,2	3,0	3,0
2011		1,3	-0,7	2,9	1,4	0,4	3,8	3,0	4,1	4,5	2,4	3,0	5,1	3,2	3,1
2012		0,6	-2,9	1,9	-0,1	2,1	3,6	2,5	3,0	3,6	2,1	2,2	2,5	2,2	2,2
2013		1,5	4,0	0,7	-0,6	2,7	1,9	2,0	3,0	3,1	1,8	2,3	1,3	2,2	2,3
2014		5,6	-1,6	0,0	0,0	2,9	1,3	2,3	2,2	3,0	1,4	1,6	1,2	1,5	1,5
2015		-8,4	3,0	0,1	-1,0	1,9	1,4	1,4	2,8	0,9	1,1	1,2	1,7	1,3	1,5
2005	1	15,2	4,2	3,6	5,3	11,8	7,6	5,7	5,6	3,9	4,9	5,4	5,5	5,4	5,2
	2	-7,2	2,4	7,2	5,2	12,3	6,9	5,7	5,7	4,6	3,8	5,2	5,3	5,2	5,7
	3	9,6	-1,9	7,0	3,9	12,0	7,1	5,1	6,1	4,9	3,3	5,5	5,0	5,5	5,4
	4	1,4	-0,6	6,8	7,0	11,6	6,7	4,8	5,5	3,8	3,1	5,1	4,1	5,0	5,2
2006	1	2,2	-5,4	7,0	2,8	10,7	5,4	4,6	6,1	4,3	6,0	4,9	6,7	5,1	5,0
	2	-9,8	-2,4	5,5	3,3	10,4	6,0	4,9	9,6	2,5	5,3	4,8	4,7	4,8	5,4
	3	-12,2	-0,4	5,6	3,9	10,4	6,2	5,9	11,4	2,5	4,6	5,3	5,3	5,3	5,9
	4	9,5	6,3	7,8	3,6	10,3	6,1	5,0	11,4	2,9	5,0	7,0	8,1	7,1	7,0
2007	1	3,6	1,9	7,1	3,6	14,3	6,3	8,2	9,7	3,8	6,8	6,5	5,4	6,4	6,6
	2	3,3	-0,1	5,7	2,9	14,3	6,0	7,7	6,8	4,5	7,2	5,5	4,9	5,5	5,6
	3	2,4	-0,3	3,7	4,0	14,1	5,8	6,8	6,1	4,8	6,1	4,9	5,2	5,0	5,0
	4	2,5	-3,9	5,0	3,1	19,1	4,5	7,4	6,5	5,5	2,0	4,7	4,0	4,7	4,8
2008	1	23,5	-8,6	2,7	-3,1	11,6	5,2	4,0	6,9	5,3	3,9	3,9	3,5	3,8	3,5
	2	19,8	-3,4	6,4	-4,3	10,8	3,5	3,9	6,5	5,4	4,6	4,8	3,7	4,7	4,3
	3	18,7	-5,4	4,3	-1,4	10,4	-0,7	3,6	5,1	5,9	3,9	3,3	2,3	3,2	2,9
	4	14,7	-3,9	-3,8	-5,3	7,0	-0,2	2,5	3,8	5,6	2,7	1,3	-0,3	1,1	1,1
2009	1	-2,3	-6,3	-10,5	-2,4	10,2	-1,1	0,4	2,0	4,8	-1,0	-1,0	-2,5	-1,1	-0,9
	2	-3,8	-6,5	-15,2	-1,4	8,5	-2,0	-0,2	1,4	4,1	-2,0	-2,4	-4,3	-2,6	-2,4
	3	-2,9	-4,2	-11,4	-3,5	7,9	-0,1	-0,4	0,6	2,4	-1,6	-1,8	-3,5	-1,9	-1,7
	4	4,5	-3,5	-5,1	0,4	7,7	-1,2	-0,4	0,3	1,4	1,5	-0,6	-0,1	-0,5	-0,7
2010	1	0,8	9,2	4,2	2,9	3,1	2,2	0,4	1,1	1,3	-0,9	2,4	2,7	2,4	2,4
	2	1,8	-0,4	9,3	2,7	2,4	4,4	1,6	1,5	2,2	0,1	2,9	4,5	3,1	3,0
	3	-2,2	5,9	5,9	1,8	4,9	4,9	2,2	1,4	3,1	0,7	3,1	5,4	3,3	3,3
	4	-2,6	6,4	4,4	2,4	-1,6	5,9	2,5	0,9	4,3	1,5	3,3	4,3	3,4	3,4
2011	1	-0,7	0,4	5,6	2,0	-1,5	3,6	2,9	2,6	4,6	3,5	3,1	4,6	3,2	3,2
	2	-0,1	6,6	1,6	2,1	0,0	3,3	3,2	3,2	4,4	2,7	3,2	4,9	3,3	3,3
	3	2,9	-4,2	2,0	1,0	1,4	3,9	2,8	5,2	4,4	1,7	2,8	5,2	3,0	2,8
	4	4,2	-5,1	2,8	0,4	1,6	4,4	3,2	5,4	4,4	1,8	3,0	5,8	3,3	3,0
2012	1	3,9	-8,8	0,4	0,3	3,4	4,5	3,0	4,4	3,8	1,8	2,1	3,8	2,2	2,0
	2	5,1	-0,2	1,7	-0,2	1,7	4,0	2,7	3,5	3,5	3,0	2,8	3,3	2,8	2,7
	3	-4,6	-0,4	2,0	-0,1	1,4	3,3	2,2	2,1	3,6	2,9	2,1	2,1	2,1	2,3
	4	-3,7	-2,2	3,2	-0,4	1,8	2,7	2,0	1,8	3,3	0,5	1,9	0,8	1,8	2,0
2013	1	3,8	4,2	-0,2	-2,8	2,4	1,9	1,9	1,9	3,4	1,4	2,0	0,6	1,8	1,9
	2	5,8	-1,4	2,5	-0,1	3,5	2,0	1,8	2,9	3,2	1,6	2,2	1,7	2,2	2,1
	3	-3,6	3,4	-0,4	0,5	3,3	1,7	2,2	3,1	2,8	1,9	2,0	0,7	1,8	2,1
	4	-2,2	10,1	1,1	-0,2	1,7	1,8	2,1	4,3	3,0	2,5	3,0	2,1	2,9	3,1
2014	1	-2,2	-1,3	1,8	0,9	3,1	1,8	1,7	2,7	3,1	1,7	1,9	1,9	1,9	2,0
	2	6,5	-0,8	-1,5	-0,5	2,8	0,8	2,4	2,0	3,4	1,3	1,4	0,2	1,3	1,3
	3	11,9	-2,6	-0,3	-0,8	2,7	1,5	2,2	2,2	3,2	1,4	1,6	1,3	1,6	1,4
	4	4,2	-1,6	0,3	0,6	2,9	1,0	2,6	2,0	2,4	1,2	1,4	1,3	1,4	1,3
2015	1	6,9	6,3	0,4	2,1	2,3	1,5	2,4	2,6	1,6	1,1	2,2	1,7	2,2	2,1
	2	-8,9	5,1	-0,6	-0,4	2,4	1,1	1,6	3,0	0,8	1,3	1,3	2,3	1,3	1,7
	3	-16,2	1,4	1,4	-2,7	1,7	1,2	1,1	3,1	0,5	1,0	0,9	1,6	1,0	1,4
	4	-14,1	-0,6	-0,8	-2,9	1,1	1,7	0,5	2,6	0,4	1,2	0,6	1,0	0,6	0,8

1/ The percentage change is the growth rate from the previous year.

2/ The percentage change is the growth rate for a given quarter compared with the same quarter in the previous year.



**Table 4 - Annualised percentage change in the seasonally adjusted quarterly value added by industry and gross domestic product at constant 2010 prices**

Year <sup>1/</sup>	Quarter <sup>2/</sup>	Agriculture, forestry and fishing	Mining and quarrying	Manufacturing	Electricity, gas and water	Construction	Wholesale, retail and motor trade; catering and accomodation	Transport, storage and communication	Finance, real estate and business services	General government services	Personal services	Total value added at basic prices	Taxes less subsidies on products	GDP at market prices	Total value added at basic prices excluding agriculture
2005		2,8	1,0	6,2	5,3	11,9	7,0	5,3	5,7	4,3	3,8	5,3	5,0	5,3	5,4
2006		-5,5	-0,6	6,4	3,4	10,4	6,0	5,1	9,6	3,1	5,2	5,5	6,2	5,6	5,8
2007		3,0	-0,6	5,4	3,4	15,5	5,6	7,5	7,3	4,7	5,5	5,4	4,9	5,4	5,5
2008		19,4	-5,3	2,3	-3,5	9,9	1,8	3,5	5,6	5,6	3,8	3,3	2,3	3,2	2,9
2009		-1,9	-5,1	-10,6	-1,8	8,5	-1,1	-0,2	1,1	3,2	-0,8	-1,4	-2,6	-1,5	-1,4
2010		-0,3	5,3	5,9	2,4	0,7	4,4	1,7	1,2	2,7	0,4	2,9	4,2	3,0	3,0
2011		1,3	-0,7	2,9	1,4	0,4	3,8	3,0	4,1	4,5	2,4	3,0	5,1	3,2	3,1
2012		0,6	-2,9	1,9	-0,1	2,1	3,6	2,5	3,0	3,6	2,1	2,2	2,5	2,2	2,2
2013		1,5	4,0	0,7	-0,6	2,7	1,9	2,0	3,0	3,1	1,8	2,3	1,3	2,2	2,3
2014		5,6	-1,6	0,0	0,0	2,9	1,3	2,3	2,2	3,0	1,4	1,6	1,2	1,5	1,5
2015		-8,4	3,0	0,1	-1,0	1,9	1,4	1,4	2,8	0,9	1,1	1,2	1,7	1,3	1,5
2005	1	-2,2	13,1	-0,1	0,1	11,3	5,0	4,7	4,1	7,2	4,0	4,5	0,8	4,1	4,7
	2	-0,7	-3,1	16,4	3,8	12,3	6,2	6,0	7,9	4,7	5,8	7,2	8,5	7,4	7,5
	3	1,0	-2,9	9,5	3,1	13,3	5,8	5,5	7,5	2,3	5,1	5,6	5,6	5,6	5,7
	4	1,4	-2,2	-0,3	8,7	11,7	8,1	5,2	2,7	0,0	4,2	2,8	2,2	2,7	2,8
2006	1	9,7	-7,6	5,6	2,9	6,8	4,4	5,8	15,1	5,7	8,4	6,9	10,0	7,1	6,8
	2	-28,9	6,7	7,9	1,1	11,3	6,1	5,1	12,0	2,4	4,0	5,7	6,9	5,8	6,8
	3	-13,2	5,9	8,1	0,8	11,3	6,0	4,0	10,6	3,2	3,5	5,9	2,7	5,6	6,5
	4	-3,6	7,0	7,6	2,7	10,0	5,8	3,0	6,7	3,3	2,5	5,4	8,5	5,6	5,6
2007	1	13,4	-0,4	6,2	6,2	22,2	5,9	10,5	7,8	7,0	7,9	7,0	3,6	6,7	6,8
	2	15,1	-11,5	1,9	3,6	18,8	5,3	11,2	2,4	3,9	6,2	3,2	4,6	3,3	2,9
	3	6,3	-1,9	0,0	4,0	9,2	5,1	8,6	8,6	5,3	6,5	4,8	4,2	4,8	4,8
	4	18,9	-6,4	9,4	0,5	21,9	4,5	5,6	7,9	5,6	6,8	5,9	4,3	5,8	5,6
2008	1	26,4	-14,6	-0,8	-16,7	1,2	3,9	0,8	8,0	6,1	1,8	1,7	1,5	1,7	1,1
	2	17,2	10,7	16,6	-2,4	8,5	-2,2	1,3	2,3	4,5	1,5	5,2	3,2	5,0	4,9
	3	30,4	-8,8	-7,2	13,1	13,6	-4,4	2,2	3,0	7,6	3,6	1,0	0,7	1,0	0,3
	4	10,4	-0,6	-18,7	-13,8	2,6	-0,2	0,4	2,3	4,5	2,2	-1,9	-5,7	-2,3	-2,2
2009	1	-7,4	-23,2	-24,2	-4,6	16,8	-0,9	-2,4	-0,1	2,4	-0,1	-6,0	-7,1	-6,1	-5,9
	2	-17,3	12,9	-10,4	1,8	2,4	-2,2	-1,1	-0,6	2,6	-3,7	-1,2	-3,2	-1,4	-0,7
	3	-13,9	-5,1	8,3	3,3	8,8	1,4	0,8	0,9	0,2	-4,6	0,8	1,9	0,9	1,3
	4	-10,3	5,6	10,8	1,1	4,1	1,3	1,4	2,4	0,3	-6,7	2,3	6,5	2,7	2,7
2010	1	3,4	18,9	7,7	6,1	-3,6	6,1	1,2	1,3	2,7	4,1	4,8	4,8	4,8	4,8
	2	10,4	-21,5	8,9	-0,2	-2,0	7,9	3,1	2,1	5,8	5,1	2,3	4,3	2,5	2,1
	3	13,9	30,4	-1,8	-1,1	1,3	5,9	2,6	0,0	3,4	3,1	4,4	6,1	4,6	4,2
	4	8,6	14,1	4,9	5,8	-1,2	6,8	3,0	0,2	4,6	3,0	4,5	3,8	4,5	4,4
2011	1	-1,8	-7,1	11,0	2,2	-3,9	0,8	3,4	7,7	4,1	1,7	3,5	6,4	3,7	3,6
	2	-7,8	-2,9	-5,3	0,7	4,2	3,1	3,9	5,6	5,4	2,2	1,9	4,9	2,1	2,1
	3	-2,9	-18,1	-1,0	-2,0	4,5	3,3	1,7	6,3	3,6	1,2	0,7	4,3	1,1	0,8
	4	-1,6	-1,7	3,9	0,7	4,1	2,9	2,5	3,2	5,2	2,7	2,9	5,5	3,1	3,0
2012	1	1,1	-10,4	6,0	1,1	-2,2	4,7	2,8	2,9	1,3	1,8	1,8	0,6	1,7	1,8
	2	4,8	25,9	-1,2	-3,4	1,2	4,0	2,7	1,8	3,5	2,1	3,8	2,3	3,7	3,8
	3	2,3	-8,2	0,8	2,3	3,9	2,9	1,5	0,9	4,4	2,2	1,2	0,8	1,2	1,2
	4	5,6	-6,9	4,3	0,7	6,1	2,6	2,2	1,0	4,4	2,2	2,0	-0,7	1,8	2,0
2013	1	-2,9	14,3	-7,8	-4,8	-0,8	0,9	2,0	4,8	1,3	1,2	1,4	1,3	1,4	1,5
	2	-1,1	-4,5	11,7	3,0	5,1	2,2	1,6	5,0	2,8	2,7	3,6	4,6	3,7	3,7
	3	3,6	12,3	-6,6	1,9	0,6	0,3	2,6	2,8	2,8	1,2	1,6	-2,6	1,2	1,5
	4	6,9	17,2	12,3	-6,0	3,6	1,8	1,6	2,6	4,6	1,2	5,1	5,1	5,1	5,0
2014	1	4,8	-22,8	-6,4	0,4	3,7	1,5	1,4	1,4	2,3	1,5	-1,7	0,5	-1,5	-1,9
	2	5,6	-3,0	-4,0	2,0	2,1	-0,2	3,9	1,2	3,9	1,5	0,8	-1,7	0,5	0,6
	3	9,5	3,9	-1,0	0,8	2,2	3,4	2,2	2,4	2,2	1,3	2,2	1,4	2,1	2,0
	4	7,5	15,2	9,5	3,1	3,5	-0,3	2,9	3,5	1,2	0,8	4,1	4,5	4,2	4,0
2015	1	-18,0	10,2	-2,4	2,5	2,0	2,7	1,2	3,3	-0,8	0,9	1,3	2,2	1,4	1,8
	2	-19,7	-6,4	-6,3	-7,5	0,8	-0,6	0,2	2,6	0,6	1,3	-1,5	0,5	-1,3	-1,0
	3	-12,6	-9,8	6,2	-8,0	0,5	2,5	0,1	2,8	1,2	1,7	0,7	0,0	0,7	1,1
	4	-14,0	1,5	-2,6	0,9	1,1	2,8	-0,2	1,9	1,0	0,6	0,5	1,6	0,6	0,9

1/ The percentage change is the growth rate from the previous year.

2/ The annualised percentage change is the growth rate for a given quarter from the previous quarter and compounded to an annual rate.



**Table 6 - Quarterly compensation of employees at current prices (R million)**

Year	Quarter	Agriculture, forestry and fishing	Mining and quarrying	Manufacturing	Electricity, gas and water	Construction	Wholesale, retail and motor trade; catering and accomodation	Transport, storage and communication	Finance, real estate and business services	General government services	Personal services	Total compensation of employees
2005		12 222	42 042	121 244	12 451	20 023	92 397	51 135	114 144	181 765	60 863	708 286
2006		12 891	49 535	134 467	13 844	23 600	104 592	56 134	130 445	196 420	66 255	788 183
2007		14 709	58 221	154 326	15 460	32 229	113 750	61 219	152 782	220 257	74 786	897 740
2008		16 660	69 675	177 186	17 623	37 604	126 629	65 628	171 443	257 245	81 043	1 020 736
2009		18 391	75 601	185 106	20 006	41 938	134 301	68 776	175 084	301 744	85 246	1 106 193
2010		19 494	86 399	205 680	22 091	44 287	148 043	74 663	196 298	347 326	90 425	1 234 707
2011		19 990	95 980	218 564	26 054	47 920	162 313	82 690	218 248	388 536	97 816	1 358 111
2012		21 621	109 062	238 082	29 541	52 376	177 323	88 294	236 653	416 538	104 362	1 473 852
2013		23 120	118 281	260 722	32 430	55 990	189 364	94 677	264 570	459 691	111 801	1 610 647
2014		24 744	119 820	283 192	34 910	58 929	202 638	101 886	289 870	498 035	118 782	1 732 806
2015		26 280	129 398	308 637	37 633	62 175	217 289	110 425	316 400	532 774	126 840	1 867 851
2005	1	2 958	9 899	28 732	2 795	4 300	20 429	11 227	25 467	44 347	14 924	165 078
	2	3 190	9 952	29 256	3 107	4 856	21 642	12 721	27 729	44 448	15 196	172 097
	3	3 221	10 820	29 706	3 011	5 125	23 311	13 308	29 900	45 521	15 320	179 243
	4	2 853	11 371	33 550	3 538	5 742	27 016	13 879	31 048	47 449	15 423	191 868
2006	1	3 117	11 612	31 131	3 112	5 186	23 464	12 807	29 896	47 124	16 108	183 558
	2	3 343	11 695	32 436	3 484	5 739	24 872	13 737	32 169	47 023	16 560	191 056
	3	3 373	12 638	32 969	3 373	6 034	25 873	14 265	33 754	49 685	16 693	198 657
	4	3 057	13 590	37 931	3 875	6 641	30 383	15 325	34 626	52 588	16 894	214 911
2007	1	3 573	13 567	35 285	3 402	6 568	25 204	14 060	34 856	52 183	18 220	206 918
	2	3 797	13 847	36 945	3 830	7 972	26 946	14 837	37 341	52 999	18 701	217 215
	3	3 845	14 811	37 981	3 803	8 380	28 488	15 603	39 282	56 183	18 786	227 163
	4	3 494	15 996	44 115	4 424	9 309	33 111	16 720	41 303	58 892	19 079	246 444
2008	1	4 174	16 254	40 490	3 851	7 638	28 094	15 173	40 739	59 710	20 020	236 142
	2	4 236	16 738	42 463	4 354	9 304	30 655	15 925	41 901	62 050	20 016	247 642
	3	4 259	17 785	44 023	4 399	9 918	31 601	16 905	45 279	65 877	20 339	260 386
	4	3 990	18 899	50 211	5 018	10 744	36 280	17 625	43 524	69 608	20 667	276 565
2009	1	4 688	18 216	42 490	4 299	8 608	30 034	15 630	41 531	71 482	20 972	257 949
	2	4 743	18 175	43 329	4 725	10 244	31 973	16 557	42 518	71 160	20 970	264 395
	3	4 687	19 268	46 266	5 154	10 825	34 150	17 793	46 105	75 781	21 599	281 629
	4	4 273	19 942	53 021	5 828	12 261	38 144	18 796	44 930	83 321	21 705	302 220
2010	1	4 995	20 425	47 272	4 777	9 264	32 691	17 215	46 768	84 758	22 172	290 339
	2	5 086	20 838	48 865	5 299	11 136	35 277	17 955	48 269	83 322	22 320	298 367
	3	4 949	22 638	50 494	5 611	11 256	37 278	18 999	50 716	87 632	22 887	312 460
	4	4 464	22 498	59 049	6 405	12 631	42 797	20 493	50 545	91 614	23 046	333 542
2011	1	5 083	22 483	51 227	5 765	10 141	36 578	18 568	52 213	93 044	24 057	319 158
	2	5 251	23 171	51 969	6 168	11 815	38 689	20 361	53 814	96 437	24 023	331 698
	3	5 066	24 238	53 080	6 481	12 465	40 688	20 958	56 362	99 130	25 033	343 500
	4	4 590	26 088	62 288	7 641	13 499	46 358	22 804	55 859	99 925	24 703	363 754
2012	1	5 477	25 788	55 611	6 469	11 036	40 573	19 745	58 392	99 874	25 727	348 692
	2	5 624	26 784	56 520	7 026	13 194	42 655	21 626	59 746	101 769	25 711	360 655
	3	5 503	27 199	57 952	7 399	13 475	44 386	22 354	59 423	106 279	26 677	370 646
	4	5 018	29 291	67 998	8 647	14 671	49 710	24 570	59 092	108 616	26 247	393 860
2013	1	5 800	28 140	60 768	7 175	11 990	43 604	21 429	63 657	109 463	27 623	379 650
	2	6 050	29 312	62 331	7 850	14 200	45 545	23 207	66 157	113 630	27 524	395 805
	3	5 900	29 397	63 621	7 918	14 250	47 105	23 811	66 889	117 805	28 383	405 080
	4	5 370	31 432	74 002	9 487	15 550	53 109	26 230	67 867	118 793	28 271	430 112
2014	1	6 161	26 933	66 064	7 788	12 587	46 610	22 899	69 079	120 354	29 261	407 735
	2	6 518	27 990	67 562	8 468	14 915	48 570	25 045	72 079	124 103	29 420	424 669
	3	6 329	31 477	68 787	8 493	15 000	50 570	25 591	73 068	126 248	30 209	435 771
	4	5 736	33 420	80 780	10 162	16 427	56 889	28 351	75 644	127 330	29 892	464 631
2015	1	6 549	29 848	71 940	8 351	13 309	50 196	24 844	77 144	126 083	31 064	439 328
	2	6 863	30 610	73 868	9 182	15 798	51 943	27 188	79 026	131 323	31 875	457 676
	3	6 740	33 466	75 139	9 177	15 819	54 154	27 716	79 231	136 612	32 053	470 107
	4	6 128	35 474	87 690	10 923	17 249	60 996	30 677	80 999	138 756	31 848	500 740

**Table 7 - Quarterly gross operating surplus and net<sup>1</sup> other taxes on production (R million)**

Year	Quarter	Agriculture, forestry and fishing	Mining and quarrying	Manufacturing	Electricity, gas and water	Construction	Wholesale, retail and motor trade; catering and accomodation	Transport, storage and communication	Finance, real estate and business services	General government services	Personal services	Total gross operating surplus
2005		26 950	65 358	145 271	15 966	22 496	115 637	108 419	191 949	35 900	33 007	760 954
2006		29 993	83 308	135 302	17 005	25 517	127 406	139 920	217 311	39 684	38 592	854 039
2007		41 053	99 451	148 665	17 818	33 402	145 157	149 776	266 197	44 520	40 943	986 982
2008		51 083	127 968	164 511	20 156	55 349	170 889	155 921	275 313	52 384	42 880	1 116 454
2009		49 653	125 224	156 552	33 467	53 815	183 354	154 651	307 788	55 075	51 375	1 170 953
2010		46 111	143 950	153 020	45 848	51 166	222 537	154 836	327 228	57 321	58 136	1 260 153
2011		48 601	166 411	144 610	60 851	55 382	243 548	176 041	346 808	60 824	63 837	1 366 912
2012		48 624	162 348	147 571	76 232	58 664	263 715	204 547	369 377	65 606	69 104	1 465 788
2013		50 338	166 521	159 208	85 036	70 445	281 644	223 297	378 596	72 431	74 798	1 562 314
2014		59 918	166 787	169 134	90 468	79 988	302 822	238 043	409 661	79 995	75 478	1 672 294
2015		57 217	157 124	154 319	92 161	81 126	318 183	243 871	427 124	85 393	76 189	1 692 707
2005	1	4 922	12 968	32 900	3 697	5 449	27 063	25 813	47 654	8 645	7 860	176 971
	2	9 479	18 146	36 763	4 165	5 903	26 437	25 491	48 319	8 829	8 073	191 605
	3	8 710	18 056	40 186	4 585	5 791	28 953	27 303	48 026	9 120	8 376	199 107
	4	3 839	16 188	35 421	3 519	5 353	33 183	29 813	47 950	9 306	8 697	193 270
2006	1	5 089	15 241	31 658	3 736	6 126	29 729	31 474	52 556	9 479	9 050	194 139
	2	9 248	20 137	33 506	4 513	6 766	29 269	33 944	52 874	9 698	9 440	209 394
	3	10 790	25 757	37 343	5 063	6 666	32 120	36 399	55 951	10 115	9 853	230 056
	4	4 866	22 174	32 794	3 693	5 959	36 289	38 104	55 929	10 392	10 250	220 450
2007	1	7 734	22 280	37 515	4 167	8 567	34 062	33 325	65 991	10 517	9 561	233 718
	2	14 655	25 821	35 747	4 851	8 715	33 577	36 498	63 700	10 965	10 505	245 035
	3	13 264	26 535	38 854	5 359	8 495	36 260	39 317	67 187	11 424	10 801	257 496
	4	5 399	24 816	36 549	3 441	7 625	41 259	40 636	69 320	11 614	10 076	250 733
2008	1	9 088	25 938	40 307	4 711	12 580	40 553	34 414	70 034	12 028	9 549	259 202
	2	20 477	34 304	41 349	5 538	14 162	40 543	38 437	66 554	12 872	11 235	285 472
	3	16 393	36 560	45 030	6 276	14 831	42 509	40 023	69 031	13 621	11 529	295 804
	4	5 125	31 166	37 824	3 632	13 776	47 283	43 047	69 694	13 863	10 567	275 977
2009	1	9 701	26 514	41 087	7 366	13 783	44 303	34 736	78 302	13 767	11 291	280 850
	2	21 853	32 940	37 466	8 832	14 734	44 298	38 282	75 595	13 558	13 599	301 158
	3	13 413	34 926	41 357	10 711	13 760	44 177	39 665	74 607	13 735	13 739	300 089
	4	4 687	30 843	36 642	6 558	11 538	50 575	41 968	79 284	14 015	12 746	288 856
2010	1	9 424	26 024	40 128	11 938	13 158	50 688	33 495	83 341	14 174	12 402	294 772
	2	23 267	37 484	37 675	13 452	13 839	55 072	38 130	80 188	14 254	15 365	328 725
	3	10 617	41 223	41 421	12 517	13 307	53 023	39 803	79 999	14 463	15 542	321 915
	4	2 803	39 220	33 796	7 942	10 862	63 755	43 407	83 700	14 430	14 827	314 742
2011	1	8 350	35 377	37 562	13 561	13 181	54 581	39 009	87 383	14 844	13 430	317 279
	2	21 023	40 625	35 200	19 509	15 018	59 133	43 868	85 193	14 919	16 197	350 684
	3	14 248	46 188	40 006	17 120	14 251	58 936	46 017	85 219	15 286	16 846	354 117
	4	4 980	44 221	31 842	10 661	12 932	70 897	47 146	89 013	15 775	17 364	344 832
2012	1	7 751	36 344	39 998	17 427	14 835	59 834	46 990	90 938	16 012	15 020	345 150
	2	24 250	41 459	36 624	24 341	16 257	64 211	51 014	90 078	16 228	17 520	381 982
	3	12 355	45 410	39 450	20 860	14 437	64 130	53 096	91 078	16 592	18 290	375 699
	4	4 267	39 135	31 500	13 604	13 134	75 540	53 446	97 284	16 774	18 273	362 956
2013	1	8 573	38 766	37 501	19 412	16 327	65 571	51 912	94 867	17 228	16 787	366 943
	2	26 830	38 584	38 737	27 218	19 125	68 050	54 646	95 534	17 773	18 905	405 402
	3	11 515	46 139	44 426	23 211	18 276	69 446	57 931	92 881	18 570	19 634	402 029
	4	3 420	43 032	38 544	15 194	16 717	78 578	58 809	95 314	18 860	19 472	387 939
2014	1	10 290	41 294	41 690	21 207	20 917	72 679	55 181	105 077	19 347	17 197	404 879
	2	29 414	39 258	41 484	29 331	22 369	73 858	58 559	97 399	19 875	19 364	430 911
	3	15 977	44 496	47 179	24 107	19 459	73 741	61 655	101 999	20 359	19 653	428 626
	4	4 237	41 739	38 780	15 823	17 243	82 543	62 648	105 186	20 414	19 265	407 878
2015	1	11 857	37 681	38 946	22 035	20 824	75 194	58 070	108 586	21 084	17 490	411 767
	2	28 350	38 811	37 804	29 465	22 928	78 051	60 424	103 789	21 082	19 107	439 811
	3	12 457	40 534	44 167	24 435	19 700	77 693	62 322	107 058	21 557	19 990	429 913
	4	4 553	40 098	33 402	16 226	17 674	87 245	63 055	107 691	21 670	19 602	411 216

<sup>1/</sup> Net other taxes on production equals other taxes on production minus other subsidies on production.



## ADDITIONAL INFORMATION

### Explanatory notes

#### Introduction

This statistical release contains independently compiled annual estimates of the gross domestic product (GDP) for the period 2005 to 2013 as well as an estimate for 2014 and 2015 that is derived as the sum of 4 quarters of the year. It also contains quarterly estimates of GDP for the period 2005 to the fourth quarter of 2015. The estimates are based on the 2008 System of National Accounts (SNA) published by the United Nations in co-operation with other international organisations. This means that the methodology, concepts and classifications are in accordance with the latest guidelines of an internationally agreed system of national accounts. The estimates of real GDP are expressed in terms of a 2010 base year.

#### Methodology

Annual GDP estimates are calculated independently from the quarterly estimates within a supply and use framework. Alternatively, annual GDP estimates are derived as the sum of the GDP for the four quarters of the relevant year in the absence of supply and use tables.

Short-term indicators are used to estimate the quarterly GDP. However, they are by their nature incomplete in terms of coverage, and annual changes of output measured through them are generally not as reliable as in instances where the results of annual surveys are used. Therefore, the quarterly estimates must be adapted to the independent annual estimates when such estimates become available.

#### Classifications

The estimates of value added by industry are classified according to the Standard Industrial Classification of all Economic Activities (SIC), fifth edition. SIC is based on the third revision of the International Standard Industrial Classification of all Economic Activities (ISIC), with suitable adaptations for South African conditions. The Central Product Classification (CPC) has now been adopted and used to classify the supply and use of products and services.

#### Seasonal adjustment

The quarterly value added and GDP estimates have been seasonally adjusted. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not aim to remove irregular or non-seasonal influences which may be present in any particular quarter. Influences that are volatile or unsystematic can still make it difficult to interpret.

#### Reliability of estimates

Revision of the estimates for all components of the national accounts is usually done every five years in conjunction with the rebasing of the estimates at constant prices. At such a time the results of censuses that have become available in the meantime and any other additional information sources are incorporated in the estimates. Due to the availability of more comprehensive data, revisions are also made of estimates for the latest quarters and, once a year, for the three latest years.

#### Related publications

Users may also wish to refer to the following publications from Stats SA -

Annual Financial Statistics

Quarterly Financial Statistics

Quarterly Employment Statistics

Quarterly Labour Force Survey

Producer Price Index

Consumer Price Index

Financial statistics of consolidated general government

Various monthly surveys

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A strict lock-up procedure is put in place that allows media and government officials access to the data one hour before embargo. There are, however strict controls to ensure that the information is not disseminated outside of the lock-up facility before the embargo time.

**Symbols and abbreviations**

CPC	Central Product Classification
SARB	South African Reserve Bank
SIC	Standard Industrial Classification
SNA	System of National Accounts
Stats SA	Statistics South Africa

A complete set of classifications of industries, sources and methods and definitions is available in the GDP release P0441 for the third quarter 2014 on the Stats SA website: <http://www.statssa.gov.za>

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