Office for National Statistics

Statistical bulletin

Second estimate of GDP: Quarter 4 (Oct to Dec) 2016

The second quarterly estimate of GDP based on additional data but produced later than the preliminary estimate, providing a more precise indication of economic growth.

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Release date:
22 February 2017

Next release:
31 March 2017

Notice

22 February 2017

23 December 2016

We informed users on 25 November 2016 that, following a quality review, a processing error had been identified in the compilation of the estimates for the rail transport industry (49.1-2), which affects the period Quarter 1 1997 to Quarter 2 2016. In line with the National Accounts revision policy, this error has been corrected in the Index of Services and Quarterly National Accounts published on 23 December 2016 for data from Quarter 1 2015. Data prior to 2015 will be corrected when next open for revision with Blue Book 2017 consistent releases due for publication on 29 September 2017.

30 September 2016

Following a quality review it has been identified that the methodology used to estimate elements of purchased software within gross fixed capital formation (GFCF) has led to some double counting from 1997 onwards. When this issue is amended in The Blue Book 2017 it will reduce the level of GFCF across the period by around 1.1% per year. The average impact on quarter-on-quarter GFCF growth is negative 0.02% and the average impact on quarter-on-quarter GDP growth is 0.00%.

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1 . Main points

- UK gross domestic product (GDP) in volume terms was estimated to have increased by 0.7% between Quarter 3 (July to Sept) 2016 and Quarter 4 (Oct to Dec) 2016, revised up 0.1 percentage points from the preliminary estimate of GDP published on 26 January 2017. Upward revisions (due to later data received) within the manufacturing industries is the main reason (these revisions were first published as part of the Index of Production for December 2016 released on 10 February 2017).

- UK GDP growth in Quarter 4 2016 saw a continuation of strong consumer spending which is in line with the Retail Sales Index for Quarter 4, which grew by 1.2% (published on 20 January 2017) and strong growth in the output of the services sector with a notable contribution in consumer-focused industries. In Quarter 4 2016, there has been a slowdown within business investment which fell by 1.0%, driven by subdued growth within the “ICT equipment and other machinery and equipment” assets.

- Growth in 2016 is 1.8% higher than that in 2015. This has been revised down by 0.2 percentage points from the preliminary estimate published on 26 January 2017. Further details are provided in the section titled “What is the 2016 picture?”

- GDP in current prices increased by 1.4% between Quarter 3 2016 and Quarter 4 2016.

- GDP per head in volume terms was estimated to have increased by 0.5% between Quarter 3 2016 and Quarter 4 2016.

2 . Things you need to know about this release

Corrections to be aware of

We informed users on 25 November 2016 that, following a quality review, a processing error had been identified in the compilation of the estimates for the rail transport industry (49.1-2), which affects the period Quarter 1 (Jan to Mar) 1997 to Quarter 2 (Apr to June) 2016. In line with the National Accounts Revisions Policy, this error has been corrected in the Index of Services and Quarterly National Accounts published on 23 December 2016 for data from Quarter 1 2015. Data prior to 2015 will be corrected when next open for revision with Blue Book 2017 consistent releases due for publication on 29 September 2017.

Following a quality review it has been identified that the methodology used to estimate elements of purchased software within gross fixed capital formation (GFCF) has led to some double-counting from 1997 onwards. When this issue is resolved in Blue Book 2017 it will reduce the level of GFCF across the period by around 1.1% per year. The average impact on quarter-on-quarter GFCF growth is negative 0.02% and the average impact on quarter-on-quarter GDP growth is 0.00%.

Estimates within this release

In line with the National Accounts Revisions Policy, the earliest period open for revision in this release is Quarter 1 (Jan to Mar) 2016.

Construction output usually follows the National Accounts Revisions Policy. However, on this occasion, to allow further quality assurance of construction data, only Quarter 4 (Oct to Dec) 2016 is open for revision in this release.

All data in this bulletin are seasonally adjusted estimates, for further information regarding non-seasonally adjusted data, please refer to the UK Economic Accounts (UKEA), which can be downloaded directly from the UKEA dataset and on the UKEA main aggregates dataset table. Data published in the UKEA reflect data as published on 23 December 2016 and will be next updated on 31 March 2017 when the Quarter 4 (Oct to Dec) 2016 Quarterly National Accounts release and UKEA will become consistent.

All data within this bulletin have had the effect of price changes removed (in other words, the data are deflated), with the exception of income data which are only available in current prices.

The second estimate of GDP is produced around 7 and a half weeks after the end of the quarter to provide a timely estimate of GDP. At this stage the data content of this estimate from the output measure of GDP has risen to around 80% of the total required for the final output-based estimate. There is also around 50 to 60% data content available to produce estimates of GDP from the expenditure and income approaches.

Understanding gross domestic product

Gross domestic product (GDP) growth is the main indicator of economic performance. There are 3 approaches used to measure GDP: the output approach, the expenditure approach and the income approach.

Further information on all 3 approaches to measuring GDP can be found in the short guide to national accounts.

Reliability

Estimates for the most recent quarters are provisional and are subject to revision in the light of updated source information. We currently provide an analysis of past revisions in the GDP and other statistical bulletins that present time series.

Our revisions to economic statistics page brings together our work on revisions analysis, linking to articles and revisions policies.

Revisions to data provide one indication of the reliability of main indicators. Revisions triangles are published on our website for headline GDP, UK gross value added, the GDP deflator and the expenditure and income components of GDP.

3 . UK GDP continues to grow in Quarter 4 (Oct to Dec) 2016

Headline GDP components and GDP per head.

Table 1: Headline economic indicators and GDP per head for the UK, Quarter 1 (Jan to Mar) 2015 to Quarter 4 (Oct to Dec) 2016

% growth[1]

	Chained volume measures				Current market prices	
	GDP	Household expenditure	Gross fixed capital formation	GDP per head	GDP	Compensation of employees
Seasonally adjusted						
2016	1.8	3.1	0.5	1.1	3.6	3.7
Q1 2015	0.3	0.7	1.5	0.0	0.3	0.5
Q2 2015	0.5	0.5	1.2	0.3	1.5	0.8
Q3 2015	0.3	1.1	0.8	0.1	-0.1	0.9
Q4 2015	0.7	0.4	-0.9	0.5	0.4	0.5
Q1 2016	0.2	0.9	0.1	0.0	0.9	0.3
Q2 2016	0.6	0.8	-0.2	0.4	1.6	2.3
Q3 2016	0.6	0.9	0.9	0.4	0.9	1.3
Q4 2016	0.7	0.7	0.0	0.5	1.4	0.1

Source: Office for National Statistics

Notes:

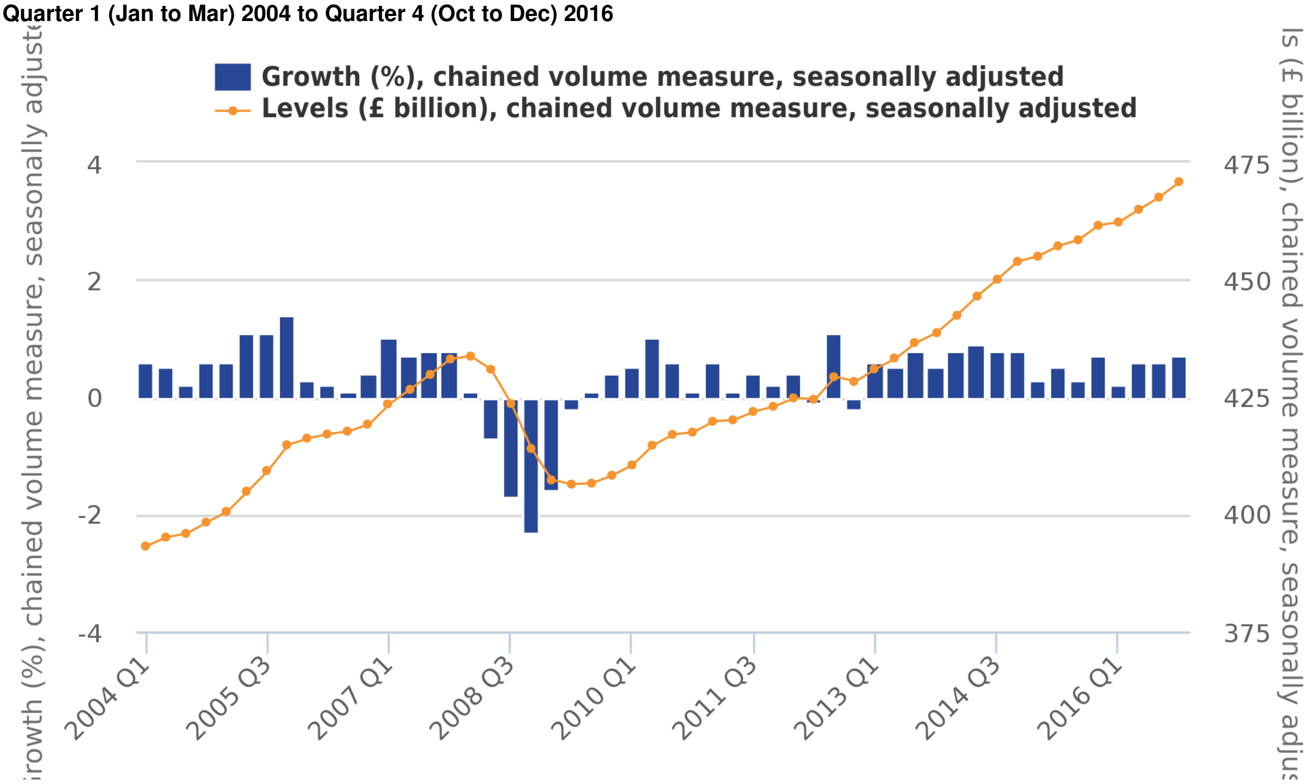
1. Percentage change on previous period

2. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

As seen in Figure 1, between Quarter 3 (July to Sept) 2016 and Quarter 4 (Oct to Dec) 2016 GDP grew by 0.7%, which is the 16th consecutive quarterly increase and continues the UK's steady period of growth since Quarter 1 (Jan to Mar) 2013.

Figure 1: Quarterly growth and levels of GDP for the UK, Table A2

Quarter 1 (Jan to Mar) 2004 to Quarter 4 (Oct to Dec) 2016



Source: Office for National Statistics

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

Output approach

The output approach of GDP has increased by 0.7% between Quarter 3 (July to Sept) 2016 and Quarter 4 (Oct to Dec) 2016, revised up by 0.1 percentage points from the preliminary estimate published on 26 January 2017.

All main output industrial groupings within GDP showed increases in Quarter 4 2016 compared with Quarter 3 2016. Within production, 3 of the 4 components increased, which resulted in overall positive growth in total production, while construction also showed a small increase of 0.2% between Quarter 3 2016 and Quarter 4 2016. All of the 4 components within the services industries showed an increase between Quarter 3 2016 and Quarter 4 2016.

The quarterly revision to production growth almost entirely drove the 0.1 percentage points increase to the output approach to GDP and within manufacturing this increase was broad- based across multiple industries. Within the production sub-industries, output from mining and quarrying (including oil and gas extraction) decreased by 7.0%; manufacturing (the largest component of production) increased by 1.2% and electricity, gas, steam and air conditioning supply industries increased by 3.1%. Water supply and sewerage increased by 2.0%.

The services industries increased by 0.8% in Quarter 4 2016, compared with the previous quarter, unrevised from the previous estimate, marking the 16th consecutive quarter of positive growth. The main drivers of the growth were wholesale trade except motor vehicles and motor cycles, retail trade except motor vehicles and motor cycles and travel agency activities. This follows a 1.0% increase in Quarter 3 2016.

Further detail on the services industries' lower level components can be found in the Index of Services statistical bulletin published on 22 February 2017.

Expenditure approach

The expenditure approach of GDP increased by 0.7% between Quarter 3 (July to Sept) 2016 and Quarter 4 (Oct to Dec) 2016.

As has been the case in recent years, household final consumption expenditure (HHFCE) was a main driver and contributor to GDP growth in all quarters of 2016. Household spending grew by 0.7% in Quarter 4 2016, which was higher than the average quarter-on-quarter growth (0.6%) seen since Quarter 1 (Jan to Mar) 2013 when the economy started growing steadily. Much of the HHFCE estimate for Quarter 4 is forecast at this point, however, the continuing growth is in line with the Retail Sales Index for Quarter 4, which grew by 1.2% (published on 20 January 2017). A detailed breakdown of consumer spending will be available in the Quarterly National Accounts published on 31 March 2017.

In Quarter 4 2016, there has been a slowdown within business investment, which fell by 1.0%, driven by subdued growth within the “ICT equipment and other machinery and equipment” assets. Further details regarding the business investment data can be found within the Business investment release published on 22 February 2017.

Income approach

The income approach of GDP increased by 0.7% in chained volume measures (1.4% in current prices seasonally adjusted) between Quarter 3 (July to Sept) 2016 and Quarter 4 (Oct to Dec) 2016.

All data quoted in this section are in current prices seasonally adjusted.

Within the income measure of GDP, 3 out of 4 components showed growth between Quarter 3 2016 and Quarter 4 2016, with gross operating surplus of corporations, which is the profits of companies, showing the largest growth of 4.5%. The only component to show negative growth is other income which fell by 0.2%. Other income includes mixed income and the operating surplus of the non-corporate sector.

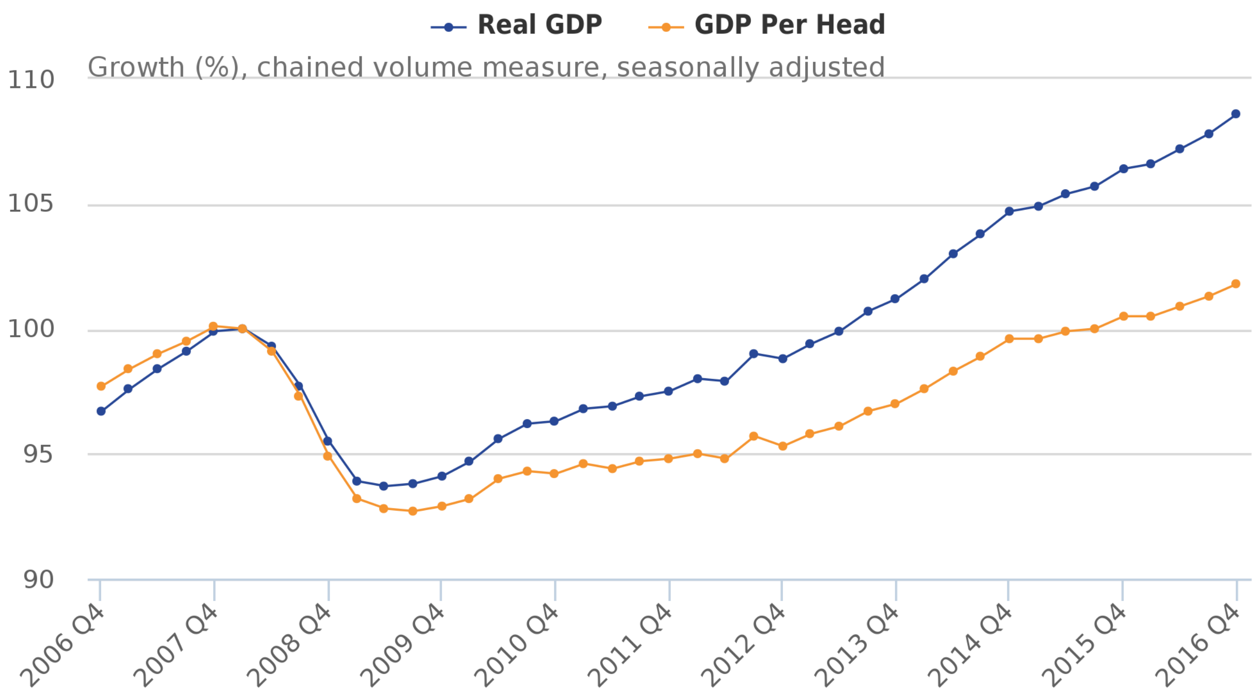
Compensation of employees, which includes wages and salaries and pensions, showed subdued growth of 0.1%. There was positive growth within the wages and salaries data, which has been partially offset by a fall within the Employer’s Social Contributions data which has showed some weakness in the latest quarter, however, the social contributions data are primarily forecast at this point.

GDP per head for Quarter 4 (Oct to Dec) 2016

In Quarter 4 (Oct to Dec) 2016, gross domestic product (GDP) per head increased by 0.5%, compared with Quarter 3 (July to Sept) 2016. GDP per head is now 1.8% above the pre-downturn peak in Quarter 1 (Jan to Mar) 2008, having surpassed it in Quarter 4 2015 (Figure 2).

Figure 2: Quarterly growth of UK GDP and GDP per head for the UK, indexed to Quarter 1 (Jan to Mar) 2008

Quarter 4 (Oct to Dec) 2006 to Quarter 4 (Oct to Dec) 2016



Source: Office for National Statistics

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

Between 2015 and 2016, GDP per head increased by 1.1% compared with a growth of 1.4% between 2014 and 2015.

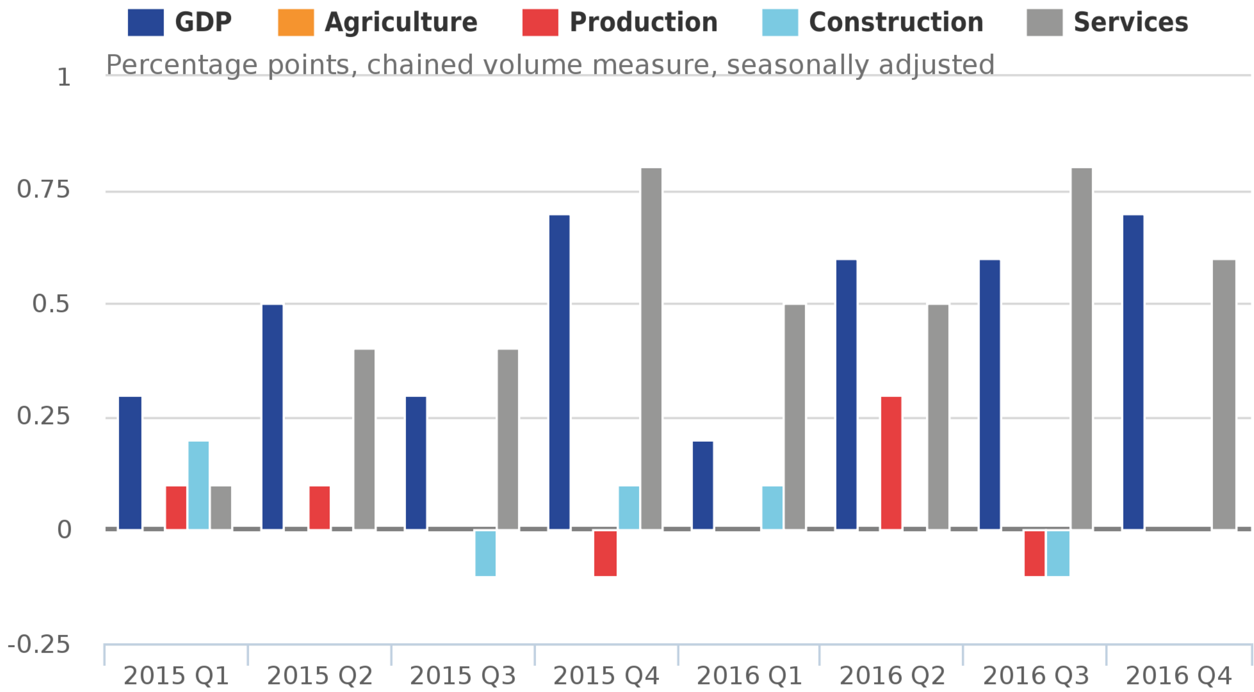
GDP per head is calculated by dividing GDP in chained volume measures by the latest population estimates and projections. The population estimates used in this release are those published on 23 June 2016 and the population projections used are those published on 29 October 2015.

4 . What are the main contributors from the output, income and expenditure measures to GDP growth?

The largest component within the output measure of gross domestic product (GDP) is the services industry with a weight of 78.8%.

Figure 3: Output components percentage contribution to UK GDP growth, quarter-on-quarter

Quarter 1 (Jan to Mar) 2015 to Quarter 4 (Oct to Dec) 2016



Source: Office for National Statistics

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

Figure 3 shows the services industry has dominated the GDP growth in Quarter 4 (Oct to Dec) 2016 and has contributed 0.6 percentage points to the 0.7% quarterly growth. Within services, the largest contributor to growth was distribution, hotels and catering.

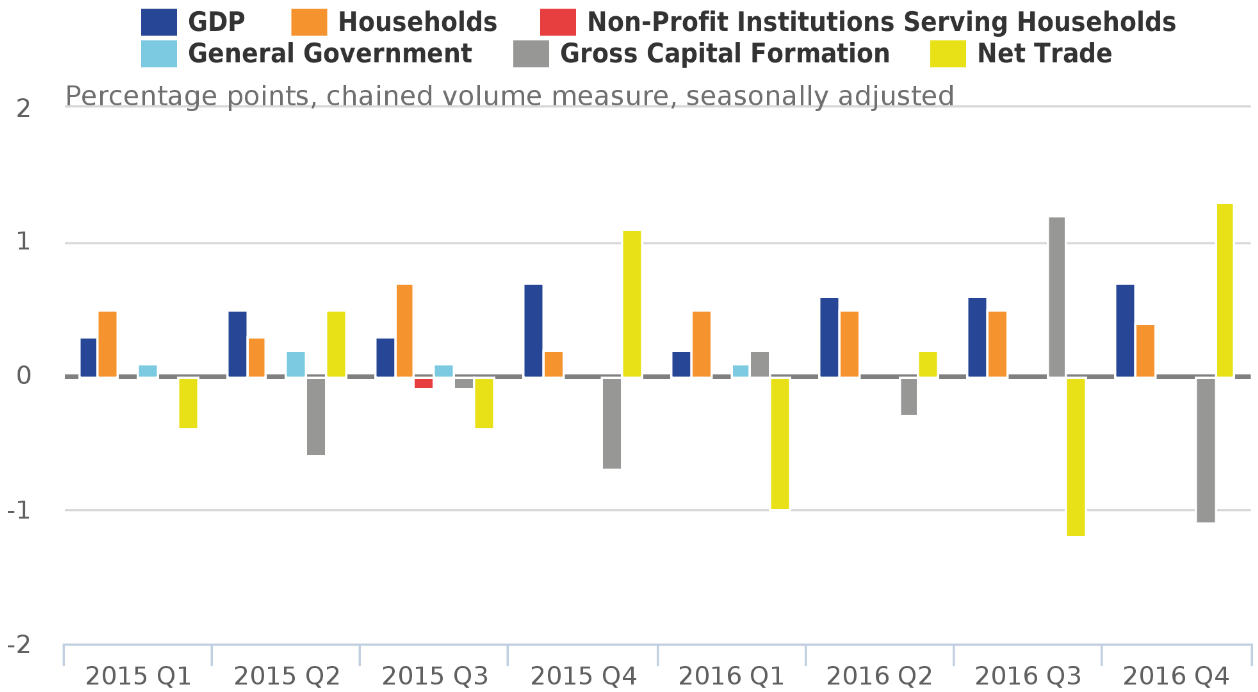
The largest component within the expenditure measure of GDP is household final consumption expenditure with a weight of approximately 60%.

Figure 4 shows the quarterly contribution of the expenditure components to the growth of GDP in chained volume measures. For Quarter 4 2016, the largest positive contribution to GDP came from net trade, which contributed a positive 1.3 percentage points. The negative contributions to GDP came from gross capital formation, which contributed a negative 1.1 percentage points. The contributions from net trade and gross capital formation are mainly offsetting as data for non-monetary gold (the main driver behind the movements in net trade and gross capital formation) feeds into both components but offset each other, in effect making non-monetary gold GDP neutral.

In the latest quarter, as in many recent periods, household final consumption expenditure has continued to make a positive contribution to GDP; 0.4 percentage points in Quarter 4 2016.

Figure 4: Expenditure components percentage contribution to UK GDP growth, quarter-on-quarter

Quarter 1 (Jan to Mar) 2015 to Quarter 4 (Oct to Dec) 2016



Source: Office for National Statistics

Notes:

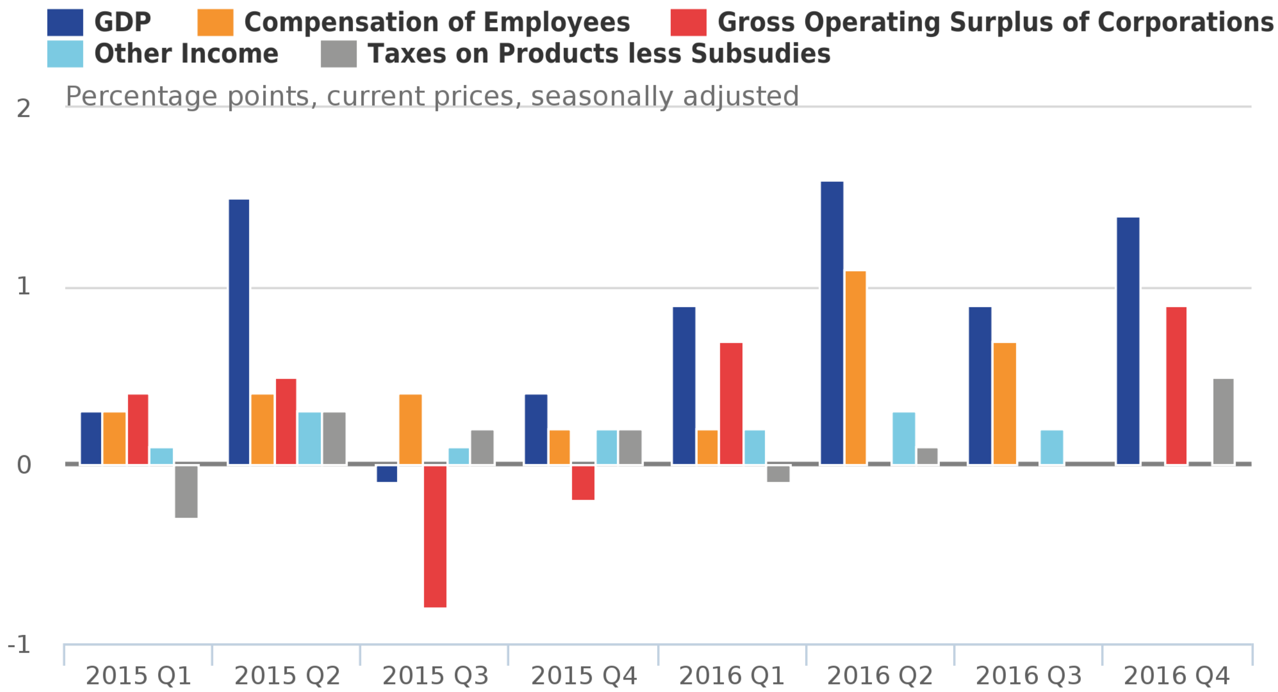
1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

The largest component within the income measure of GDP is compensation of employees with a weight of approximately 50%.

Figure 5 shows the contribution made by income components to current price GDP. In Quarter 4 2016, the largest positive contribution to GDP came from gross operating surplus of corporations, which contributed 0.9 percentage points.

Figure 5: Income components percentage contribution to UK GDP growth, quarter-on-quarter

Quarter 1 (Jan to Mar) 2015 to Quarter 4 (Oct to Dec) 2016



Source: Office for National Statistics

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

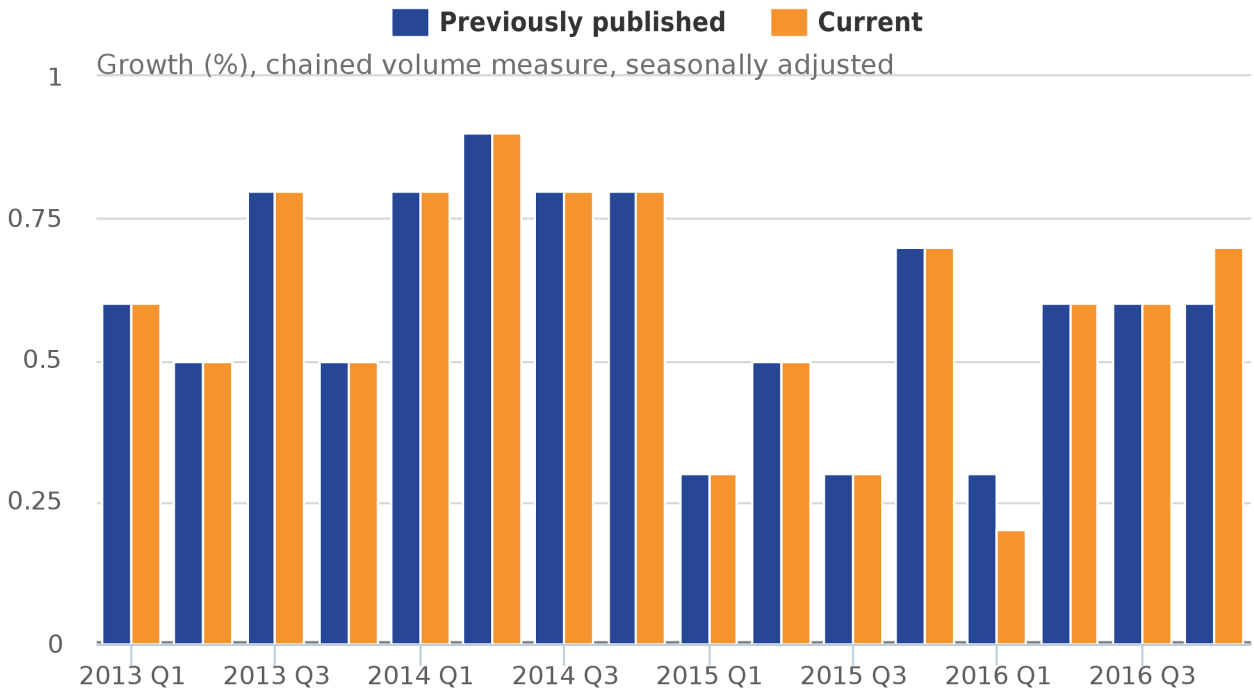
5 . What is the 2016 picture?

Growth in 2016 has increased by 1.8% compared with 2015. Growth in Quarter 1 (Jan to Mar) 2016 showed the slowest positive growth in 2016 of 0.2% but GDP growth then became steady and consistent throughout the rest of 2016 (see Table 1).

Figure 6 shows quarterly revisions between latest and previously published estimates of gross domestic product (GDP). Quarter 1 2016 is the first quarter open for revision in this release.

Figure 6: UK GDP, quarter-on-quarter growth

Quarter 1 (Jan to Mar) 2013 to Quarter 4 (Oct to Dec) 2016



Source: Office for National Statistics

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

Growth in 2016 compared with 2015 is 1.8%, revised down 0.2 percentage points from the preliminary estimate published on 26 January 2017. The latest estimates present a more divergent picture between the different measurement approaches for GDP; expenditure, income, and output (Table L in the second estimate of GDP data tables details the annual growth rates for the 3 separate approaches).

In particular, the expenditure approach is weaker in 2016 compared with the income and output approaches, in part due to the changes in inventories and trade in goods components.

After a period of stock-building during 2014 and 2015 where levels of inventories were £16.6 billion and £12.4 billion respectively, there has been a slowdown during 2016 to a level of £2.4 billion. All data quoted are in chained volume measures seasonally adjusted.

Between 2015 and 2016, exports of goods fell and imports of goods increased causing a widening of the trade deficit. Exports of goods during 2016 have seen a slowdown compared with 2015 with a downward growth of negative 0.8%, however, 2015 saw a strong increase of 7.2% compared with 2014. The negative growth in 2016 was mainly driven by falls in exports of chemicals and fuels, however, there were increases within cars and aircraft but not enough to offset the decreases. Imports of goods have been increasing consistently year-on-year since 2010, with 2016 increasing by 3.7% compared with 2015. This follows an increase of 5.4% in 2015. The increase in 2016 is primarily due to an increase in imports of cars, aircraft and non-monetary gold.

6 . How is the UK economy performing compared with other European and non-European countries?

The estimates quoted in this international comparison section are the latest available estimates published by the respective bodies (referenced) at the time of preparation of this statistical bulletin and may subsequently have been revised. Quarter 4 (Oct to Dec) 2016 estimates for Canada and the Group of Seven (G7), were not available at the time of publication.

During Quarter 4 2016, the UK experienced the strongest rate of growth among European groupings and G7 countries. In Quarter 4 2016, the UK experienced 0.2 percentage points higher growth than the USA, who experienced a slowdown in growth from 0.9% in Quarter 3 (July to Sept) 2016 to 0.5% in Quarter 4 2016.

All of the areas included within our international comparisons saw positive growth in Quarter 4 2016 when compared with Quarter 3 2016. France and Germany experienced growth of 0.4%, whilst Italy and Japan experienced growth of 0.2% (Table 2). The European Union (EU28) grew by 0.5% (Figure 7), marking 15 consecutive quarters of positive growth and in the same period, the group of Euro Area countries (EA19) grew by 0.4%.

Italy is the only G7 country with its GDP still 7.4% below its pre-downturn peak (Quarter 1 2008). All other G7 countries are currently above pre-economic downturn peaks, in Quarter 4 2016 the USA shows signs of the strongest recovery at 12.9%. The UK has the second strongest rate at 8.6%, whilst Germany and France have rates of 7.8% and 4.5% respectively. Japan has experienced a slower recovery and at present is 3.3% above its pre-downturn peak.

Information on the estimates for the USA can be found on the Bureau of Economic Analysis website; information on the estimates for Japan can be found on the Japanese Cabinet Office website. More detailed information for the G7 and the EU countries can be found on the Organisation for Economic Co-operation and Development’s website and Eurostat website, respectively.

Table 2: International GDP growth rate comparisons, chained volume measure, seasonally adjusted Quarter on previous quarter percentage growth rates, Quarter 1 (Jan to Mar) 2014 to Quarter 4 (Oct to Dec) 2016

Quarter on previous quarter % growth rates

	EU28[1]	EA19[2]	G7[3]	France	Germany	Italy	UK	Canada	Japan	USA
Q1 2014	0.4	0.3	0.2	0.0	0.6	0.0	0.8	0.1	1.2	-0.3
Q2 2014	0.3	0.2	0.3	0.2	-0.1	0.1	0.9	1.0	-1.8	1.0
Q3 2014	0.5	0.4	0.7	0.4	0.3	0.0	0.8	0.5	-0.2	1.2
Q4 2014	0.6	0.4	0.5	0.1	0.8	-0.1	0.8	0.6	0.6	0.6
Q1 2015	0.7	0.8	0.6	0.6	0.2	0.3	0.3	-0.2	1.4	0.5
Q2 2015	0.4	0.4	0.4	0.0	0.5	0.3	0.5	-0.1	-0.1	0.6
Q3 2015	0.4	0.3	0.4	0.4	0.2	0.1	0.3	0.6	0.2	0.5
Q4 2015	0.6	0.5	0.2	0.2	0.4	0.2	0.7	0.1	-0.3	0.2
Q1 2016	0.5	0.5	0.4	0.6	0.7	0.4	0.2	0.7	0.6	0.2
Q2 2016	0.4	0.3	0.3	-0.1	0.5	0.1	0.6	-0.3	0.4	0.4
Q3 2016	0.5	0.4	0.6	0.2	0.1	0.3	0.6	0.9	0.3	0.9
Q4 2016	0.5	0.4	..	0.4	0.4	0.2	0.7	..	0.2	0.5

Sources: Office for National Statistics, Organisation for Economic Co-operation and Development, Eurostat, United States Bureau of Economic Analysis, Statistics Japan

Notes:

1. EU28 is the European Union.

2. EA19 is the eurozone.

3. G7 is the Group of Seven countries.

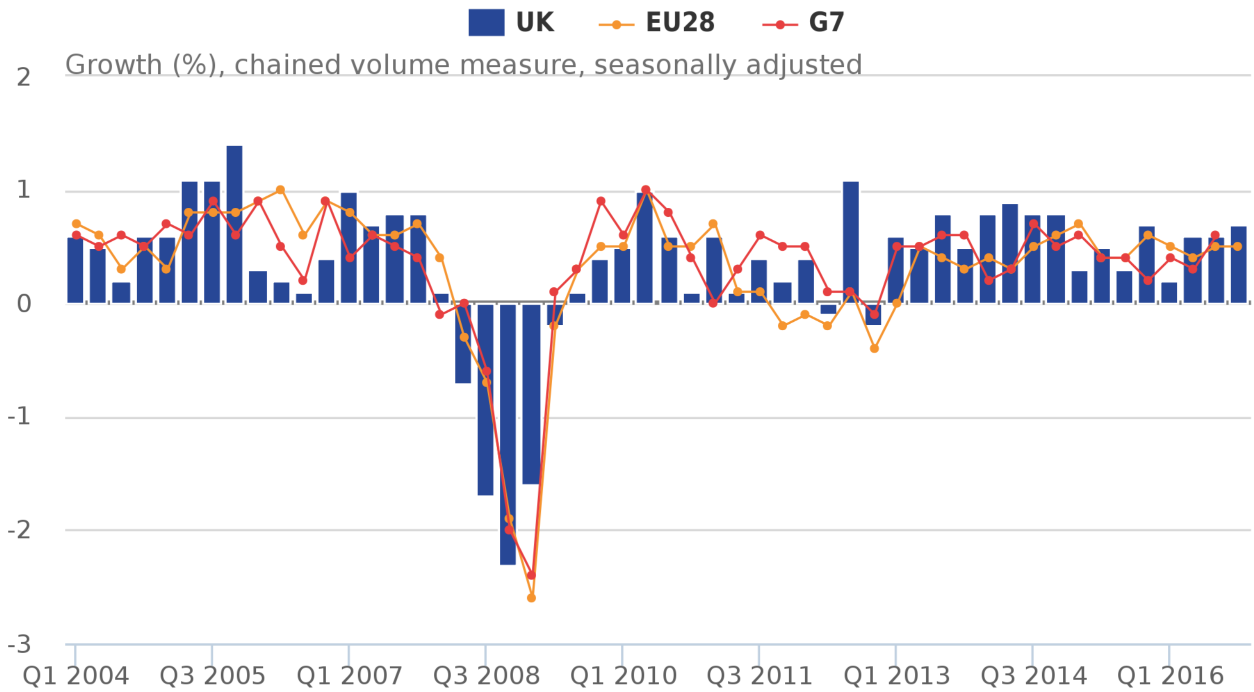
4. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

5. .. denotes that data is unavailable at the time of production

Non-UK countries and groupings may show revisions in the back series due to NSI revisions.

Figure 7: International GDP growth rates, quarter-on-quarter

Quarter 1 (Jan to Mar) 2004 to Quarter 4 (Oct to Dec) 2016



Source: Office for National Statistics, Organisation for Economic Co-operation and Development, Eurostat, United States Bureau of Economic Analysis, Statistics Japan

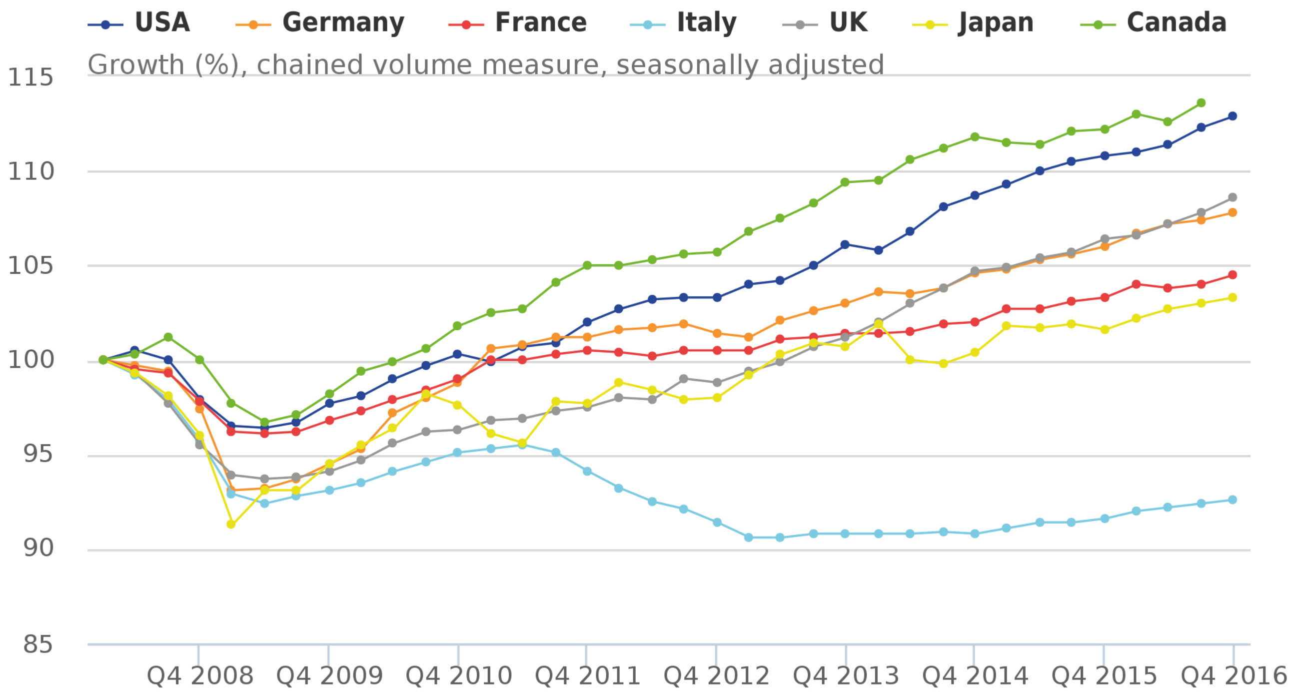
Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

Figure 8 shows GDP for the USA, Germany, France, Italy, UK, Japan and Canada all indexed to Quarter 1 2008 (the pre-downturn peak in the UK) to allow comparison of each since that period.

Figure 8: Group of Seven GDP growth rates indexed to Quarter 1 (Jan to Mar) 2008

Quarter 1 (Jan to Mar) 2008 to Quarter 4 (Oct to Dec) 2016



Source: Office for National Statistics, Organisation for Economic Co-operation and Development, Eurostat, United States Bureau of Economic Analysis, Statistics Japan

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

7 . Links to related statistics

Release policy

This release includes data available up to 15 February 2017. Data are consistent with that within the Index of Production statistical bulletin and the UK trade statistical bulletin (trade in goods data), which were both published on 10 February 2017.

Release content

Data included within this release are seasonally adjusted, however, non-seasonally adjusted data are available within the UK Economic Accounts (UKEA). This data can be downloaded directly from the UKEA dataset and on the UKEA main aggregates dataset table. Data published in the UKEA reflect data as published on 23 December 2016 and will be next updated on 31 March 2017 when the Quarter 4 (Oct to Dec) 2016 Quarterly National Accounts release and UKEA will become consistent.

Economic context

We publish a monthly economic commentary, which may be useful as it gives economic commentary on the latest GDP estimate and our other economic releases. The next article will be published on 22 February 2017.

VAT project

The VAT update October 2016 was published on 4 October 2016 and shared early VAT turnover analysis and data. The research article represents the first significant publication of new VAT turnover statistics as part of our commitment to develop a diverse range of administrative data sources for use in the national accounts. Please contact us with your views: vatdev@ons.gsi.gov.uk

Business investment

Business investment revisions triangles have been published on 22 February 2017 and are available within the datasets of the Business investment release.

Index of Services

The Index of Services publication has been published on 22 February 2017 and includes data for December 2016.

8 . What has changed in this publication?

This is the first Second estimate of GDP bulletin released as part of the new economic theme days. As such this bulletin now follows a more streamlined format and some tables such as revisions, previously found in the background notes, can now be found in the main datasets.

Monthly economic commentary has been published alongside this release, presenting new analysis on the latest economic data.

We welcome your feedback on this new style bulletin via our short survey.

9 . Upcoming changes

In the impact of methodological changes to chain-linking on gross domestic product article we informed users that in Blue Book 2017 the reference year and last base year will move forward 2 years to 2015 and, pending the outcome of further analysis, a follow-up communication note in February on the feasibility of implementing the final methodological change, further moving the last base year on when the data for the most recent year are formed. Analysis is still ongoing to explore a feasible option for deploying this final change in Blue Book 2017. Further information on plans for full implementation will be shared in spring 2017.

10 . Quality and methodology

The national accounts are drawn together using data from many different sources. This ensures that the national accounts are comprehensive and provide different perspectives on the economy, for example, sales by retailers and purchases by households. Further details regarding the data sources used within GDP and the production and balancing processes can be found in the Quality and Methodology Information paper.

Important quality issues

There are common pitfalls in interpreting data series and these include:

- expectations of accuracy and reliability in early estimates are often too high
- revisions are an inevitable consequence of the trade-off between timeliness and accuracy
- early estimates are based on incomplete data

Very few statistical revisions arise as a result of “errors” in the popular sense of the word. All estimates, by definition, are subject to statistical “error”.

Many different approaches can be used to summarise revisions; the Validation and Quality Assurance section in the Quality and Methodology Information paper analyses the mean average revision and the mean absolute revision for GDP estimates over data publication iterations. In addition to this analysis, Section 11 of the revisions to gross domestic product in Blue Book 2016 article updates the metrics used to test revisions performance in order to answer the question “Is GDP biased?”.

Reaching the GDP balance

The different data content of the 3 approaches, the output approach, the expenditure approach and the income approach, dictates the approach taken in balancing quarterly data. In the UK, there are far more data available on output than in the other 2 approaches. However, in order to obtain the best estimate of GDP (the published figure), the estimates from all 3 approaches are balanced to produce an average.

Information on the methods we use for balancing the output, income and expenditure approaches to measuring GDP can be found on our website.

Alignment adjustments, found in Table M of the second estimate of GDP data tables in this release, have a target limit of plus or minus £2,000 million on any quarter. However, in periods where the data sources are particularly difficult to balance, slightly larger alignment adjustments are sometimes needed. To achieve this balance through alignment, balancing adjustments are applied to the expenditure and income components of GDP as required. They are applied to those individual components where data content is particularly weak in a given quarter due to a high level of forecast content.

The size and direction of the quarterly alignment adjustments in Quarter 4 (Oct to Dec) 2016 indicate that in this quarter, the levels of expenditure and income were lower than the level of output.

Table 3 shows the balancing adjustments applied to the GDP estimates in this publication.

Table 3: Balancing adjustments applied to the UK GDP, second estimate dataset for Quarter 4 (Oct to Dec) 2016

GDP measurement approach and component adjustment applied to	Quarter 1 2016	Quarter 2 2016	Quarter 3 2016	Quarter 4 2016
Expenditure				
Change in inventories				
current prices	+500	+1000	+1000	+1000
chained volume measures	+100	+600	+700	+3200
Trade in Services (exports)				
current prices				
chained volume measures	-650	-400	-300	+1100
Trade in Services (imports)				
current prices				
chained volume measures				-250
Income				
Gross operating surplus				
current prices		-300	-300	600

Source: Office for National Statistics

Notes:

1. Adjustments are in £ million

2. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

Further information

We are committed to ensuring all information provided is kept strictly confidential and will only be used for statistical purposes. Further details regarding confidentiality can be found in the respondent charters for businesses and households, on our website.

A1 National accounts aggregates[1]

2013 = 100

	Value indices at current prices		Chained volume indices			Implied deflators[2]		
	Gross domestic product at market prices	Gross value added at basic prices	Gross domestic product at market prices	Gross value added at basic prices	Market sector gross value added	Gross national expenditure	Gross domestic product at market prices	Gross value added at basic prices
	YBEU	YBEX	YBEZ	CGCE	L48H	YBFV	YBGB	CGBV
2013	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2014	104.8	104.7	103.1	103.4	103.8	101.1	101.6	101.3
2015	107.7	107.6	105.3	105.9	107.0	101.3	102.2	101.6
2016	111.5	111.3	107.3	108.0	110.2	103.1	104.0	103.1
Seasonally adjusted								
2013 Q3	100.8	100.7	100.4	100.2	100.2	100.3	100.4	100.5
Q4	101.2	101.0	100.9	100.7	100.8	100.5	100.4	100.3
2014 Q1	102.7	102.6	101.7	101.8	102.0	101.1	101.0	100.8
Q2	104.6	104.5	102.7	102.9	103.3	101.2	101.9	101.5
Q3	105.7	105.9	103.5	104.0	104.4	101.2	102.1	101.8
Q4	106.1	105.8	104.4	104.9	105.6	100.9	101.6	100.9
2015 Q1	106.4	106.6	104.6	105.1	106.2	100.7	101.7	101.4
Q2	108.0	108.0	105.1	105.7	106.7	101.6	102.7	102.3
Q3	107.9	107.7	105.4	106.0	107.2	101.4	102.4	101.7
Q4	108.3	107.9	106.1	106.7	108.1	101.6	102.1	101.1
2016 Q1	109.4	109.2	106.3	107.0	108.7	102.1	102.9	102.1
Q2	111.1	111.0	106.9	107.7	109.8	103.1	103.9	103.0
Q3	112.1	112.0	107.5	108.3	110.6	103.3	104.2	103.4
Q4	113.6	113.1	108.3	109.0	111.6	103.7	104.9	103.7
Percentage change, latest year on previous year								
	IHYM	KGL6	IHYP	KGM7	L489	KH7D	IHYS	KGM4
2013	3.9	3.7	1.9	1.4	1.5	1.2	1.9	2.3
2014	4.8	4.7	3.1	3.4	3.8	1.1	1.6	1.3
2015	2.8	2.8	2.2	2.4	3.1	0.2	0.6	0.3
2016	3.6	3.5	1.8	2.0	2.9	1.7	1.7	1.4
Percentage change, latest quarter on previous quarter								
	IHYN	KGL8	IHYQ	KGM9		KH7E	IHYT	KGM5
2013 Q3	1.5	1.3	0.8	0.6	0.6	0.5	0.7	0.7
Q4	0.4	0.3	0.5	0.5	0.6	0.1	–	–0.2
2014 Q1	1.4	1.6	0.8	1.0	1.2	0.6	0.6	0.5
Q2	1.8	1.9	0.9	1.1	1.2	0.1	0.9	0.7
Q3	1.1	1.3	0.8	1.0	1.1	0.1	0.2	0.3
Q4	0.4	–0.1	0.8	0.9	1.1	–0.3	–0.5	–0.9
2015 Q1	0.3	0.8	0.3	0.2	0.5	–0.2	0.1	0.5
Q2	1.5	1.4	0.5	0.5	0.5	0.8	1.0	0.9
Q3	–0.1	–0.3	0.3	0.3	0.4	–0.2	–0.3	–0.6
Q4	0.4	0.2	0.7	0.7	0.9	0.2	–0.3	–0.5
2016 Q1	0.9	1.2	0.2	0.2	0.6	0.5	0.8	0.9
Q2	1.6	1.6	0.6	0.7	1.0	0.9	1.0	1.0
Q3	0.9	0.9	0.6	0.5	0.8	0.3	0.3	0.4
Q4	1.4	1.0	0.7	0.7	0.9	0.4	0.7	0.3
Percentage change, latest quarter on corresponding quarter of previous year								
	IHYO	KGM2	IHYR	KGN3	L48D	KH7F	IHYU	KGM6
2013 Q3	3.5	3.0	1.7	0.9	1.0	1.0	1.7	2.1
Q4	3.6	3.4	2.4	1.7	2.1	0.8	1.2	1.7
2014 Q1	4.1	3.7	2.6	2.4	2.8	1.7	1.4	1.3
Q2	5.3	5.1	3.1	3.3	3.6	1.4	2.2	1.8
Q3	4.9	5.1	3.1	3.7	4.2	0.9	1.7	1.3
Q4	4.8	4.7	3.5	4.1	4.7	0.4	1.3	0.6
2015 Q1	3.6	3.9	2.8	3.3	4.0	–0.3	0.7	0.6
Q2	3.2	3.4	2.4	2.6	3.3	0.4	0.8	0.7
Q3	2.1	1.8	1.8	2.0	2.6	0.2	0.2	–0.2
Q4	2.1	2.0	1.7	1.8	2.3	0.7	0.4	0.2
2016 Q1	2.8	2.4	1.6	1.8	2.4	1.4	1.1	0.6
Q2	2.9	2.7	1.7	1.9	2.8	1.5	1.2	0.8
Q3	3.9	3.9	2.0	2.2	3.2	1.9	1.8	1.8
Q4	4.9	4.8	2.0	2.1	3.3	2.1	2.8	2.6

1 Estimates cannot be regarded as accurate to the last digit shown.
2 Based on sum of expenditure components of GDP at current prices and at chained volume terms.

A2 National accounts aggregates[1]

£ million

	Current prices			Chained volume measures (Reference year 2013)			
	Gross domestic product at market prices	less Basic price adjustment[2]	Gross value added at basic prices	Gross domestic product at market prices	less Basic price adjustment[2]	Gross value added at basic prices	Gross value added excluding oil & gas
	YBHA	NTAP	ABML	ABMI	NTAO	ABMM	KLS2
2013	1 739 563	188 010	1 551 553	1 739 563	188 010	1 551 553	1 529 692
2014	1 822 480	198 204	1 624 276	1 792 976	188 807	1 604 169	1 582 544
2015	1 872 714	203 522	1 669 192	1 832 318	189 516	1 642 802	1 618 868
2016	1 940 198	213 077	1 727 121	1 865 893	190 206	1 675 687	1 650 813
Seasonally adjusted							
2013 Q3	438 341	47 772	390 569	436 560	47 816	388 721	383 102
Q4	440 312	48 513	391 799	438 707	47 878	390 771	385 266
2014 Q1	446 657	48 756	397 901	442 425	47 610	394 815	389 313
Q2	454 849	49 491	405 358	446 519	47 221	399 298	393 850
Q3	459 678	49 058	410 620	450 141	46 875	403 266	397 954
Q4	461 296	50 899	410 397	453 891	47 101	406 790	401 427
2015 Q1	462 745	49 254	413 491	455 026	47 238	407 788	402 323
Q2	469 585	50 495	419 090	457 214	47 408	409 806	403 684
Q3	469 289	51 354	417 935	458 456	47 316	411 140	404 894
Q4	471 095	52 419	418 676	461 622	47 554	414 068	407 967
2016 Q1	475 568	52 030	423 538	462 324	47 306	415 018	408 954
Q2	483 178	52 745	430 433	465 012	47 269	417 743	411 520
Q3	487 358	52 917	434 441	467 628	47 607	420 021	413 460
Q4	494 094	55 385	438 709	470 929	48 024	422 905	416 879
Percentage change, latest year on previous year							
	IHYM		KGL6	IHYP		KGM7	KLH8
2013	3.9		3.7	1.9		1.4	1.5
2014	4.8		4.7	3.1		3.4	3.5
2015	2.8		2.8	2.2		2.4	2.3
2016	3.6		3.5	1.8		2.0	2.0
Percentage change, latest quarter on previous quarter							
	IHYN		KGL8	IHYQ		KGM9	
2013 Q3	1.5		1.3	0.8		0.6	0.5
Q4	0.4		0.3	0.5		0.5	0.6
2014 Q1	1.4		1.6	0.8		1.0	1.1
Q2	1.8		1.9	0.9		1.1	1.2
Q3	1.1		1.3	0.8		1.0	1.0
Q4	0.4		–0.1	0.8		0.9	0.9
2015 Q1	0.3		0.8	0.3		0.2	0.2
Q2	1.5		1.4	0.5		0.5	0.3
Q3	–0.1		–0.3	0.3		0.3	0.3
Q4	0.4		0.2	0.7		0.7	0.8
2016 Q1	0.9		1.2	0.2		0.2	0.2
Q2	1.6		1.6	0.6		0.7	0.6
Q3	0.9		0.9	0.6		0.5	0.5
Q4	1.4		1.0	0.7		0.7	0.8
Percentage change, latest quarter on corresponding quarter of previous year							
	IHYO		KGM2	IHYR		KGN3	KLH9
2013 Q3	3.5		3.0	1.7		0.9	1.0
Q4	3.6		3.4	2.4		1.7	1.7
2014 Q1	4.1		3.7	2.6		2.4	2.4
Q2	5.3		5.1	3.1		3.3	3.3
Q3	4.9		5.1	3.1		3.7	3.9
Q4	4.8		4.7	3.5		4.1	4.2
2015 Q1	3.6		3.9	2.8		3.3	3.3
Q2	3.2		3.4	2.4		2.6	2.5
Q3	2.1		1.8	1.8		2.0	1.7
Q4	2.1		2.0	1.7		1.8	1.6
2016 Q1	2.8		2.4	1.6		1.8	1.6
Q2	2.9		2.7	1.7		1.9	1.9
Q3	3.9		3.9	2.0		2.2	2.1
Q4	4.9		4.8	2.0		2.1	2.2

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.
2 Taxes on products less subsidies.

B1 Gross value added at chained volume measures basic prices, by category of output[1,2]

2013 = 100

	Production							Service industries						
	Agri-culture, forestry, and fishing	Mining & quarrying inc oil & gas extract	Manu-facturing	Electric, gas, steam & air	Water supply, sewerage	Total	Constr-uction	Distri-bution, hotels & restaura-nts	Transport storage and commu-nications	Business services and finance	Govern-ment and other services	Total	Gross value added[4]	Gross value added excluding oil & gas
2013 Weights[3]	7	18	103	15	11	146	59	136	106	317	229	788	1000	986
	L2KL	L2KR	L2KX	L2MW	L2N2	L2KQ	L2N8	L2PZ	KI8M	KI8O	KI8Q	L2NC	CGCE	KLH7
2013	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2014	113.9	100.6	102.9	94.0	100.7	101.5	108.0	104.8	103.0	103.9	101.7	103.3	103.4	103.5
2015	115.3	109.1	102.7	94.4	104.1	102.7	113.4	109.5	106.8	106.9	102.2	106.0	105.9	105.8
2016	111.4	110.0	103.4	95.8	110.4	104.0	115.0	115.0	110.7	109.8	103.9	109.1	108.0	107.9
Seasonally adjusted														
2013 Q3	100.8	101.8	100.2	96.3	102.6	100.3	101.5	100.8	99.5	100.3	99.8	100.1	100.2	100.2
Q4	102.2	101.1	100.6	97.8	103.1	100.6	102.8	101.1	99.7	101.0	100.1	100.6	100.7	100.7
2014 Q1	110.6	100.9	102.2	92.5	103.0	101.1	105.1	102.6	100.5	101.9	101.0	101.6	101.8	101.8
Q2	112.6	101.3	102.8	93.1	99.9	101.4	107.1	104.2	102.3	103.2	101.7	102.8	102.9	103.0
Q3	114.8	99.4	103.1	96.1	99.2	101.7	109.8	105.4	103.9	104.5	102.1	103.9	104.0	104.1
Q4	117.8	100.8	103.4	94.1	100.5	101.9	110.1	107.0	105.2	106.0	102.1	104.9	104.9	105.0
2015 Q1	114.1	102.6	103.3	96.0	101.0	102.3	113.1	108.0	105.5	106.2	101.6	105.1	105.1	105.2
Q2	115.2	110.8	102.8	93.7	105.0	102.9	113.8	109.0	106.4	106.4	102.0	105.6	105.7	105.6
Q3	115.7	112.7	102.3	94.9	105.0	103.0	112.8	109.8	107.0	107.0	102.3	106.1	106.0	105.9
Q4	116.1	110.2	102.5	92.9	105.5	102.6	113.8	111.1	108.3	108.0	103.0	107.1	106.7	106.7
2016 Q1	112.2	107.7	102.2	93.5	108.2	102.4	115.1	112.9	108.5	108.6	103.5	107.8	107.0	106.9
Q2	110.8	110.2	104.0	98.6	110.4	104.7	115.6	114.0	109.1	109.5	103.6	108.5	107.7	107.6
Q3	110.8	115.1	103.2	94.2	110.3	104.2	114.6	115.4	112.1	110.2	104.0	109.6	108.3	108.1
Q4	111.9	107.0	104.4	97.1	112.5	104.6	114.9	117.7	113.2	110.7	104.4	110.4	109.0	109.0
Percentage change, latest year on previous year														
	L3BB	L3BH	L3BN	L3DM	L3DQ	L3BG	L3DW	L3GP	KI8L	KI8N	KI8P	L3E2	KGM7	KLH8
2013	0.7	–2.7	–1.0	–0.2	4.3	–0.7	1.5	3.5	1.8	2.1	0.3	1.8	1.4	1.5
2014	13.9	0.6	2.9	–6.0	0.7	1.5	8.0	4.8	3.0	3.9	1.7	3.3	3.4	3.5
2015	1.2	8.4	–0.2	0.5	3.4	1.2	4.9	4.5	3.7	2.9	0.5	2.6	2.4	2.3
2016	–3.3	0.9	0.7	1.6	6.0	1.2	1.5	5.1	3.7	2.7	1.6	2.9	2.0	2.0
Percentage change, latest quarter on previous quarter														
													KGM9	
2013 Q3	2.0	2.6	0.3	–5.6	4.6	0.4	2.8	1.0	–0.5	0.8	–	0.4	0.6	0.5
Q4	1.3	–0.7	0.4	1.5	0.5	0.4	1.3	0.3	0.2	0.7	0.4	0.5	0.5	0.6
2014 Q1	8.2	–0.2	1.6	–5.4	–0.1	0.5	2.3	1.4	0.8	0.9	0.9	1.0	1.0	1.1
Q2	1.8	0.4	0.6	0.6	–3.0	0.3	1.9	1.6	1.8	1.3	0.7	1.2	1.1	1.2
Q3	2.0	–2.0	0.3	3.3	–0.7	0.2	2.5	1.1	1.6	1.2	0.4	1.0	1.0	1.0
Q4	2.6	1.4	0.3	–2.1	1.3	0.3	0.3	1.6	1.2	1.5	–0.1	1.0	0.9	0.9
2015 Q1	–3.1	1.8	–0.1	2.1	0.5	0.4	2.7	0.9	0.3	0.2	–0.5	0.1	0.2	0.2
Q2	1.0	8.1	–0.5	–2.5	4.0	0.6	0.6	0.9	0.9	0.2	0.5	0.5	0.5	0.3
Q3	0.5	1.7	–0.4	1.4	–	0.1	–0.9	0.8	0.5	0.5	0.2	0.5	0.3	0.3
Q4	0.3	–2.3	0.1	–2.2	0.5	–0.4	1.0	1.2	1.2	0.9	0.7	1.0	0.7	0.8
2016 Q1	–3.4	–2.2	–0.3	0.7	2.6	–0.2	1.1	1.6	0.2	0.6	0.5	0.7	0.2	0.2
Q2	–1.2	2.3	1.8	5.4	2.0	2.2	0.5	1.0	0.6	0.8	0.1	0.6	0.7	0.6
Q3	–	4.5	–0.8	–4.4	–0.1	–0.4	–0.8	1.2	2.7	0.7	0.4	1.0	0.5	0.5
Q4	1.0	–7.0	1.2	3.1	2.0	0.3	0.2	2.0	1.0	0.5	0.4	0.8	0.7	0.8
Percentage change, latest quarter on corresponding quarter of previous year														
	L3ZZ	L427	L42D	L44C	L44G	L426	L44M	L47F	KII2	KIH9	KIH8	L44Q	KGN3	KLH9
2013 Q3	1.7	–2.6	–1.0	–2.9	7.0	–0.7	5.0	2.9	1.2	1.5	–1.2	0.9	0.9	1.0
Q4	3.7	6.5	1.2	–4.6	7.0	1.9	5.5	3.8	0.6	1.9	–0.1	1.4	1.7	1.7
2014 Q1	12.6	3.1	3.0	–10.8	7.1	1.9	8.4	4.2	–0.2	2.7	0.7	2.0	2.4	2.4
Q2	13.9	2.1	2.9	–8.8	1.9	1.5	8.5	4.5	2.3	3.8	1.9	3.1	3.3	3.3
Q3	13.9	–2.4	2.9	–0.2	–3.3	1.4	8.2	4.6	4.4	4.2	2.4	3.7	3.7	3.9
Q4	15.3	–0.3	2.8	–3.8	–2.5	1.3	7.1	5.9	5.5	4.9	1.9	4.3	4.1	4.2
2015 Q1	3.2	1.6	1.1	3.8	–1.9	1.2	7.5	5.3	5.0	4.2	0.6	3.4	3.3	3.3
Q2	2.4	9.3	–0.1	0.6	5.1	1.5	6.2	4.5	4.1	3.1	0.3	2.7	2.6	2.5
Q3	0.8	13.4	–0.8	–1.2	5.8	1.3	2.7	4.2	2.9	2.4	0.1	2.1	2.0	1.7
Q4	–1.5	9.3	–0.9	–1.3	4.9	0.7	3.4	3.8	2.9	1.9	0.9	2.1	1.8	1.6
2016 Q1	–1.7	5.0	–1.1	–2.6	7.1	0.1	1.7	4.6	2.9	2.2	1.9	2.6	1.8	1.6
Q2	–3.8	–0.6	1.2	5.2	5.2	1.7	1.6	4.6	2.6	2.9	1.5	2.8	1.9	1.9
Q3	–4.2	2.1	0.8	–0.8	5.1	1.2	1.6	5.1	4.8	3.1	1.7	3.3	2.2	2.1
Q4	–3.6	–2.9	1.9	4.5	6.7	1.9	0.9	5.9	4.5	2.6	1.4	3.1	2.1	2.2

1 Estimates cannot be regarded as accurate to the last digit shown.
2 Components of output are valued at basic prices, which excludes taxes and includes subsidies on products.
3 Weights may not sum to the total due to rounding.
4 This is a balanced index of UK GVA taking into account data from the Income and Expenditure approaches. Thus it will not necessarily be the weighted sum of the industrial indices.

B2 Gross value added at chained volume measures basic prices, by category of output[1,2]

2013 = 100

	Service industries										
	Wholesale and retail trade	Transport storage and commu-nications	Accommodati-on & food services	Financial and insurance activities	Real estate	Professional scientific admin & support	Public admin, defence, social security	Education	Health and social work	Other services[4]	Total services
2013 Weights[3]	107	106	29	76	122	119	52	63	74	40	788
	L2NE	KI8M	L2NQ	L2O6	L2OC	L2OH	L2P8	L2PA	L2PC	L2Q5	L2NC
2013	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2014	105.2	103.0	103.1	98.2	103.6	107.9	98.4	101.2	102.0	106.3	103.3
2015	110.0	106.8	107.5	99.9	105.2	113.1	96.0	102.0	103.6	108.1	106.0
2016	115.5	110.7	113.3	103.3	106.1	117.7	94.3	102.0	107.0	113.6	109.1
Seasonally adjusted											
2013 Q3	100.9	99.5	100.1	98.6	100.2	101.3	99.9	99.7	99.9	99.5	100.1
Q4	101.5	99.7	99.6	98.8	101.0	102.4	99.0	100.0	100.4	101.4	100.6
2014 Q1	103.0	100.5	101.1	97.3	102.4	104.4	98.7	100.4	101.2	104.6	101.6
Q2	104.6	102.3	102.8	97.0	103.4	107.1	98.5	101.3	101.7	106.6	102.8
Q3	105.8	103.9	103.7	97.7	104.2	109.0	98.4	101.7	102.5	106.9	103.9
Q4	107.6	105.2	105.0	100.6	104.3	111.1	98.1	101.4	102.7	107.0	104.9
2015 Q1	108.4	105.5	106.5	101.1	104.6	111.2	97.2	101.7	101.7	106.8	105.1
Q2	109.6	106.4	106.7	99.2	105.1	112.3	96.2	101.9	103.4	107.3	105.6
Q3	110.5	107.0	107.2	98.4	105.6	113.9	95.3	102.3	104.2	107.7	106.1
Q4	111.5	108.3	109.6	101.0	105.6	114.8	95.2	102.2	105.1	110.6	107.1
2016 Q1	113.6	108.5	110.4	102.3	106.2	115.0	94.8	102.2	106.2	111.8	107.8
Q2	114.5	109.1	112.2	102.7	106.2	117.2	94.3	101.7	106.6	113.2	108.5
Q3	115.8	112.1	113.8	104.2	106.1	118.4	94.1	101.7	107.2	114.6	109.6
Q4	118.0	113.2	116.7	103.8	105.9	120.2	93.9	102.3	107.9	115.0	110.4
Percentage change, latest year on previous year											
	L3E4	KI8L	L3EG	L3EU	L3F2	L3F7	L3FW	L3FY	L3G2	L3GT	L3E2
2013	5.0	1.8	–2.6	–3.3	1.9	5.8	–2.2	0.4	2.5	–0.8	1.8
2014	5.2	3.0	3.1	–1.8	3.6	7.9	–1.6	1.2	2.0	6.3	3.3
2015	4.5	3.7	4.2	1.8	1.6	4.8	–2.5	0.8	1.6	1.7	2.6
2016	5.0	3.7	5.4	3.3	0.8	4.1	–1.8	–	3.2	5.1	2.9
Percentage change, latest quarter on previous quarter											
2013 Q3	1.4	–0.5	–0.2	–1.3	0.6	2.3	–0.4	–0.3	0.2	0.3	0.4
Q4	0.5	0.2	–0.4	0.2	0.7	1.0	–0.9	0.3	0.6	1.9	0.5
2014 Q1	1.5	0.8	1.4	–1.5	1.4	1.9	–0.3	0.4	0.7	3.2	1.0
Q2	1.6	1.8	1.7	–0.3	0.9	2.6	–0.2	0.9	0.5	1.8	1.2
Q3	1.1	1.6	0.9	0.8	0.8	1.8	–0.1	0.4	0.9	0.3	1.0
Q4	1.7	1.2	1.3	3.0	0.1	1.9	–0.3	–0.3	0.2	0.1	1.0
2015 Q1	0.7	0.3	1.4	0.5	0.2	–	–1.0	0.3	–1.0	–0.2	0.1
Q2	1.1	0.9	0.2	–1.9	0.5	1.0	–1.0	0.2	1.7	0.5	0.5
Q3	0.8	0.5	0.4	–0.8	0.4	1.4	–0.9	0.4	0.8	0.3	0.5
Q4	0.9	1.2	2.3	2.7	–	0.8	–0.2	–0.1	0.8	2.8	1.0
2016 Q1	1.8	0.2	0.7	1.3	0.6	0.1	–0.4	0.1	1.1	1.0	0.7
Q2	0.8	0.6	1.5	0.3	–	1.9	–0.6	–0.5	0.4	1.2	0.6
Q3	1.1	2.7	1.5	1.5	–0.1	1.0	–0.2	–	0.5	1.3	1.0
Q4	1.9	1.0	2.5	–0.4	–0.2	1.5	–0.1	0.6	0.7	0.3	0.8
Percentage change, latest quarter on corresponding quarter of the previous year											
	L44S	KII2	L456	L45K	L45Q	L45V	L46M	L46O	L46Q	L47J	L44Q
2013 Q3	4.8	1.2	–4.5	–5.6	1.3	6.5	–2.6	–1.4	1.8	–4.8	0.9
Q4	5.5	0.6	–2.6	–4.0	1.7	5.8	–3.2	–1.0	1.6	2.4	1.4
2014 Q1	5.1	–0.2	1.1	–5.2	3.2	7.4	–2.2	0.1	1.1	4.7	2.0
Q2	5.1	2.3	2.4	–3.0	3.8	8.0	–1.7	1.3	2.0	7.4	3.1
Q3	4.8	4.4	3.6	–0.9	4.0	7.6	–1.5	2.1	2.7	7.4	3.7
Q4	6.0	5.5	5.4	1.9	3.3	8.5	–0.8	1.4	2.3	5.6	4.3
2015 Q1	5.2	5.0	5.4	3.9	2.1	6.5	–1.5	1.3	0.5	2.0	3.4
Q2	4.7	4.1	3.8	2.3	1.7	4.9	–2.3	0.6	1.7	0.7	2.7
Q3	4.4	2.9	3.4	0.6	1.3	4.5	–3.1	0.5	1.7	0.7	2.1
Q4	3.6	2.9	4.4	0.4	1.2	3.3	–3.0	0.7	2.3	3.4	2.1
2016 Q1	4.8	2.9	3.7	1.2	1.6	3.4	–2.4	0.5	4.5	4.7	2.6
Q2	4.5	2.6	5.1	3.5	1.0	4.3	–2.0	–0.2	3.1	5.5	2.8
Q3	4.8	4.8	6.2	6.0	0.5	3.9	–1.4	–0.6	2.8	6.5	3.3
Q4	5.8	4.5	6.5	2.7	0.3	4.7	–1.3	0.1	2.6	3.9	3.1

1 Estimates cannot be regarded as accurate to the last digit shown.
2 Components of output are valued at basic prices, which excludes taxes and includes subsidies on production.
3 Weights may not sum to the total due to rounding.
4 Comprising sections R, S and T of SIC(2007).

C1 Gross domestic product: expenditure at current market prices[1]

£ million

	National expenditure on goods and services at market prices														
	Final consumption expenditure			Gross capital formation											
	Households	Non-profit institutions[2]	General government	Gross fixed capital formation	Of which business investment[3]	Change in inventories[4]	Of which alignment adjustment	Acquisitions less disposals of valuables[5]	Total	Total exports	Gross final expenditure	less Total imports	Trade balance[6]	Statistical discrepancy (expenditure)	**Gross domestic product at market prices**
	ABJQ	HAYE	NMRP	NPQS	NPEK	CAEX	DMUN	NPJQ	YBIL	IKBH	ABMF	IKBI	IKBJ	GIXM	YBHA
2013	1 084 011	54 535	349 615	280 224	162 326	5 074	–	5 342	1 778 801	517 642	2 296 443	556 880	–39 238	–	1 739 563
2014	1 126 230	56 672	358 529	302 495	169 254	13 073	–	1 704	1 858 703	511 654	2 370 357	547 877	–36 223	–	1 822 480
2015	1 156 561	58 126	362 839	317 056	180 163	5 737	–	–1 064	1 899 255	517 446	2 416 701	547 234	–29 788	3 247	1 872 714
2016	1 206 407	59 468	367 902	322 901	180 189	6 028	–	405	1 963 111	544 841	2 507 952	581 664	–36 823	13 910	1 940 198
Seasonally adjusted															
2013 Q3	272 766	13 716	87 027	71 163	41 312	3 823	–161	–19	448 476	130 233	578 709	140 368	–10 135	–	438 341
Q4	275 237	13 865	88 824	73 122	42 075	1 876	266	2 465	455 389	126 385	581 774	141 462	–15 077	–	440 312
2014 Q1	277 150	14 000	89 016	76 308	40 185	2 611	–2 005	–685	458 400	126 083	584 483	137 826	–11 743	–	446 657
Q2	279 459	14 119	89 072	74 741	43 020	4 506	550	–412	461 485	128 579	590 064	135 215	–6 636	–	454 849
Q3	284 929	14 227	90 924	75 408	42 542	2 813	–413	554	468 855	126 698	595 553	135 875	–9 177	–	459 678
Q4	284 692	14 326	89 517	76 038	43 507	3 143	1 868	2 247	469 963	130 294	600 257	138 961	–8 667	–	461 296
2015 Q1	286 127	14 405	89 785	77 864	44 663	936	1 115	2 501	471 618	130 942	602 560	140 314	–9 372	499	462 745
Q2	287 241	14 498	90 882	80 009	45 270	2 725	453	–419	474 936	129 937	604 873	136 012	–6 075	724	469 585
Q3	290 343	14 563	91 576	79 944	45 762	1 221	–2 047	–708	476 939	126 160	603 099	134 638	–8 478	828	469 289
Q4	292 850	14 660	90 596	79 239	44 468	855	479	–2 438	475 762	130 407	606 169	136 270	–5 863	1 196	471 095
2016 Q1	296 060	14 777	91 547	79 269	44 155	–7	–1 635	642	482 288	129 180	611 468	138 528	–9 348	2 628	475 568
Q2	299 398	14 849	92 133	80 330	45 191	2 042	–1 107	–1 121	487 631	134 996	622 627	142 846	–7 850	3 397	483 178
Q3	303 458	14 879	91 816	81 386	45 730	2 045	1 298	3 645	497 229	135 780	633 009	149 517	–13 737	3 866	487 358
Q4	307 491	14 963	92 406	81 916	45 113	1 948	1 444	–2 761	495 963	144 885	640 848	150 773	–5 888	4 019	494 094

Percentage change, latest year on previous year

	Households	Non-profit institutions	General government	Gross fixed capital formation	Of which business investment	Total	Total exports	Gross final expenditure	less Total imports	Gross domestic product at market prices
	KGY7	KGZ8	KH2C	KG6O	KG6N	KGX3	KH2O	KGV7	KH3H	IHYM
2013	3.9	3.2	0.7	5.0	3.9	3.9	3.7	3.8	3.8	3.9
2014	3.9	3.9	2.5	7.9	4.3	4.5	–1.2	3.2	–1.6	4.8
2015	2.7	2.6	1.2	4.8	6.4	2.2	1.1	2.0	–0.1	2.8
2016	4.3	2.3	1.4	1.8	–	3.4	5.3	3.8	6.3	3.6

Percentage change, latest quarter on previous quarter

	Households	Non-profit institutions	General government	Gross fixed capital formation	Of which business investment	Total	Total exports	Gross final expenditure	less Total imports	Gross domestic product at market prices
	KGY8	KGZ9	KH2D	KG6W	KG6V	KGX4	KH2P	KGV8	KH3I	IHYN
2013 Q3	1.4	1.2	–1.2	3.4	3.9	2.0	–1.7	1.2	0.1	1.5
Q4	0.9	1.1	2.1	2.8	1.8	1.5	–3.0	0.5	0.8	0.4
2014 Q1	0.7	1.0	0.2	4.4	–4.5	0.7	–0.2	0.5	–2.6	1.4
Q2	0.8	0.8	0.1	–2.1	7.1	0.7	2.0	1.0	–1.9	1.8
Q3	2.0	0.8	2.1	0.9	–1.1	1.6	–1.5	0.9	0.5	1.1
Q4	–0.1	0.7	–1.5	0.8	2.3	0.2	2.8	0.8	2.3	0.4
2015 Q1	0.5	0.6	0.3	2.4	2.7	0.4	0.5	0.4	1.0	0.3
Q2	0.4	0.6	1.2	2.8	1.4	0.7	–0.8	0.4	–3.1	1.5
Q3	1.1	0.4	0.8	–0.1	1.1	0.4	–2.9	–0.3	–1.0	–0.1
Q4	0.9	0.7	–1.1	–0.9	–2.8	–0.2	3.4	0.5	1.2	0.4
2016 Q1	1.1	0.8	1.0	–	–0.7	1.4	–0.9	0.9	1.7	0.9
Q2	1.1	0.5	0.6	1.3	2.3	1.1	4.5	1.8	3.1	1.6
Q3	1.4	0.2	–0.3	1.3	1.2	2.0	0.6	1.7	4.7	0.9
Q4	1.3	0.6	0.6	0.7	–1.3	–0.3	6.7	1.2	0.8	1.4

Percentage change, latest quarter on corresponding quarter of previous year

	Households	Non-profit institutions	General government	Gross fixed capital formation	Of which business investment	Total	Total exports	Gross final expenditure	less Total imports	Gross domestic product at market prices
	KGY9	KH22	KH2E	KG76	KG75	KGX5	KH2Q	KGV9	KH3J	IHYO
2013 Q3	4.5	4.1	0.6	9.5	6.7	3.8	3.7	3.8	5.0	3.5
Q4	4.0	4.5	2.1	7.3	2.3	4.7	2.0	4.1	5.8	3.6
2014 Q1	3.8	4.5	3.9	13.7	2.6	5.3	–1.9	3.7	2.2	4.1
Q2	3.9	4.1	1.1	8.6	8.2	5.0	–3.0	3.1	–3.5	5.3
Q3	4.5	3.7	4.5	6.0	3.0	4.5	–2.7	2.9	–3.2	4.9
Q4	3.4	3.3	0.8	4.0	3.4	3.2	3.1	3.2	–1.8	4.8
2015 Q1	3.2	2.9	0.9	2.0	11.1	2.9	3.9	3.1	1.8	3.6
Q2	2.8	2.7	2.0	7.0	5.2	2.9	1.1	2.5	0.6	3.2
Q3	1.9	2.4	0.7	6.0	7.6	1.7	–0.4	1.3	–0.9	2.1
Q4	2.9	2.3	1.2	4.2	2.2	1.2	0.1	1.0	–1.9	2.1
2016 Q1	3.5	2.6	2.0	1.8	–1.1	2.3	–1.3	1.5	–1.3	2.8
Q2	4.2	2.4	1.4	0.4	–0.2	2.7	3.9	2.9	5.0	2.9
Q3	4.5	2.2	0.3	1.8	–0.1	4.3	7.6	5.0	11.1	3.9
Q4	5.0	2.1	2.0	3.4	1.5	4.2	11.1	5.7	10.6	4.9

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.
2 Non-profit making institutions serving households.
3 Further breakdown of business investment are available in the 'Business investment in the UK' bulletin.
4 Quarterly alignment adjustment included in this series.
5 Acquisitions less disposals of valuables can be a volatile series due to the inclusion of non-monetary gold, but any volatility is likely to be GDP neutral as this is offset in UK trade figures.
6 Trade balance is calculated by using exports of goods and services minus imports of goods and services.

C2 Gross domestic product by category of expenditure: chained volume measures[1]

Reference year 2013, £ million

	National expenditure on goods and services at market prices														
	Final consumption expenditure			Gross capital formation											
	Households	Non-profit institutions[2]	General government	Gross fixed capital formation	Of which business investment[3]	Change in inventories[4]	Of which alignment adjustment	Acquisitions less disposals of valuables[5]	Total	Total exports	Gross final expenditure	less Total imports	Trade balance[6]	Statistical discrepancy (expenditure)	**Gross domestic product at market prices**
	ABJR	HAYO	NMRY	NPQT	NPEL	CAFU	DMUM	NPJR	YBIM	IKBK	ABMG	IKBL	IKBM	GIXS	ABMI
2013	1 084 011	54 535	349 615	280 224	162 326	5 074	–	5 342	1 778 801	517 642	2 296 443	556 880	–39 238	–	1 739 563
2014	1 107 154	55 982	357 590	298 872	168 627	16 630	–	2 561	1 838 789	525 176	2 363 965	570 989	–45 813	–	1 792 976
2015	1 134 372	56 417	362 262	309 144	177 233	12 371	–	–28	1 874 538	557 023	2 431 561	602 420	–45 397	3 177	1 832 318
2016	1 168 986	57 255	365 299	310 557	174 529	2 380	–	230	1 904 707	565 053	2 469 760	617 231	–52 178	13 364	1 865 893
Seasonally adjusted															
2013 Q3	271 742	13 713	87 235	71 070	41 084	3 381	–161	–43	446 996	129 650	576 662	140 102	–10 452	–	436 560
Q4	273 686	13 618	87 904	72 933	41 830	1 894	266	2 490	453 299	127 950	581 288	142 549	–14 599	–	438 707
2014 Q1	274 157	13 833	89 221	74 953	40 412	1 804	–1 983	–402	453 566	131 232	584 798	142 373	–11 141	–	442 425
Q2	275 226	14 126	89 395	73 762	42 832	3 941	543	–217	456 233	130 782	587 015	140 496	–9 714	–	446 519
Q3	279 074	14 051	89 598	74 821	42 294	4 867	–401	790	463 201	129 030	592 231	142 090	–13 060	–	450 141
Q4	278 697	13 972	89 376	75 336	43 089	6 018	1 841	2 390	465 789	134 132	599 921	146 030	–11 898	–	453 891
2015 Q1	280 745	14 130	89 752	76 447	44 234	4 319	1 096	2 773	468 166	138 399	606 565	152 030	–13 631	491	455 026
Q2	282 061	14 243	90 551	77 394	44 119	3 600	439	–210	467 639	137 418	605 057	148 548	–11 130	705	457 214
Q3	285 218	13 974	91 058	78 003	44 977	2 638	–2 002	–449	470 442	136 575	607 017	149 370	–12 795	809	458 456
Q4	286 348	14 070	90 901	77 300	43 903	1 814	467	–2 142	468 291	144 631	612 922	152 472	–7 841	1 172	461 622
2016 Q1	288 784	14 291	91 252	77 369	43 417	34	–1 583	580	472 310	140 445	612 755	152 986	–12 541	2 555	462 324
Q2	291 014	14 317	91 311	77 250	43 660	456	–1 056	–1 183	473 165	142 139	615 304	153 561	–11 422	3 269	465 012
Q3	293 549	14 272	91 272	77 977	43 956	429	1 255	3 613	481 112	138 425	619 537	155 618	–17 193	3 709	467 628
Q4	295 639	14 375	91 464	77 961	43 496	1 461	1 384	–2 780	478 120	144 044	622 164	155 066	–11 022	3 831	470 929
Percentage change, latest year on previous year															
	KGZ5	KH26	KH2I	KG7N	KG7M				KGX9	KH2U	KGW5	KH3N			IHYP
2013	1.6	–	0.3	3.2	2.6				2.6	1.1	2.3	3.4			1.9
2014	2.1	2.7	2.3	6.7	3.9				3.4	1.5	2.9	2.5			3.1
2015	2.5	0.8	1.3	3.4	5.1				1.9	6.1	2.9	5.5			2.2
2016	3.1	1.5	0.8	0.5	–1.5				1.6	1.4	1.6	2.5			1.8
Percentage change, latest quarter on previous quarter															
	KGZ6	KH27	KH2J	KG7Q	KG7P				KGY2	KH2V	KGW6	KH3O			IHYQ
2013 Q3	0.8	0.6	0.2	3.4	3.5				1.5	–2.6	0.5	–0.1			0.8
Q4	0.7	–0.7	0.8	2.6	1.8				1.4	–1.3	0.8	1.7			0.5
2014 Q1	0.2	1.6	1.5	2.8	–3.4				0.1	2.6	0.6	–0.1			0.8
Q2	0.4	2.1	0.2	–1.6	6.0				0.6	–0.3	0.4	–1.3			0.9
Q3	1.4	–0.5	0.2	1.4	–1.3				1.5	–1.3	0.9	1.1			0.8
Q4	–0.1	–0.6	–0.2	0.7	1.9				0.6	4.0	1.3	2.8			0.8
2015 Q1	0.7	1.1	0.4	1.5	2.7				0.5	3.2	1.1	4.1			0.3
Q2	0.5	0.8	0.9	1.2	–0.3				–0.1	–0.7	–0.2	–2.3			0.5
Q3	1.1	–1.9	0.6	0.8	1.9				0.6	–0.6	0.3	0.6			0.3
Q4	0.4	0.7	–0.2	–0.9	–2.4				–0.5	5.9	1.0	2.1			0.7
2016 Q1	0.9	1.6	0.4	0.1	–1.1				0.9	–2.9	–	0.3			0.2
Q2	0.8	0.2	0.1	–0.2	0.6				0.2	1.2	0.4	0.4			0.6
Q3	0.9	–0.3	–	0.9	0.7				1.7	–2.6	0.7	1.3			0.6
Q4	0.7	0.7	0.2	–	–1.0				–0.6	4.1	0.4	–0.4			0.7
Percentage change, latest quarter on corresponding quarter of previous year															
	KGZ7	KH28	KH2K	KG7T	KG7S				KGY3	KH2W	KGW7	KH3P			IHYR
2013 Q3	1.9	–0.4	0.4	7.3	5.7				2.8	0.1	2.2	3.7			1.7
Q4	1.7	3.4	0.9	5.3	2.7				4.0	0.9	3.3	5.9			2.4
2014 Q1	1.9	2.0	2.1	11.0	1.7				3.5	3.4	3.5	6.3			2.6
Q2	2.1	3.6	2.7	7.4	7.9				3.6	–1.7	2.4	0.2			3.1
Q3	2.7	2.5	2.7	5.3	2.9				3.6	–0.5	2.7	1.4			3.1
Q4	1.8	2.6	1.7	3.3	3.0				2.8	4.8	3.2	2.4			3.5
2015 Q1	2.4	2.1	0.6	2.0	9.5				3.2	5.5	3.7	6.8			2.8
Q2	2.5	0.8	1.3	4.9	3.0				2.5	5.1	3.1	5.7			2.4
Q3	2.2	–0.5	1.6	4.3	6.3				1.6	5.8	2.5	5.1			1.8
Q4	2.7	0.7	1.7	2.6	1.9				0.5	7.8	2.2	4.4			1.7
2016 Q1	2.9	1.1	1.7	1.2	–1.8				0.9	1.5	1.0	0.6			1.6
Q2	3.2	0.5	0.8	–0.2	–1.0				1.2	3.4	1.7	3.4			1.7
Q3	2.9	2.1	0.2	–	–2.3				2.3	1.4	2.1	4.2			2.0
Q4	3.2	2.2	0.6	0.9	–0.9				2.1	–0.4	1.5	1.7			2.0

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.
2 Non-profit making institutions serving households.
3 Further breakdown of business investment are available in the 'Business investment in the UK' bulletin.
4 Quarterly alignment adjustment included in this series.
5 Acquisitions less disposals of valuables can be a volatile series due to the inclusion of non-monetary gold, but any volatility is likely to be GDP neutral as this is offset in UK trade figures.
6 Trade balance is calculated by using exports of goods and services minus imports of goods and services.

D Gross domestic product by category of income: current prices[1]

£ million

	Gross operating surplus of corporations									
	Compen-sation of employees	Private non-financi-al corporations[2]	Of which alignment adjustment	Financial corporations	Public corporations	Total[2]	Other income[3]	Gross value added at factor cost	Taxes on products & production less subsidies	Statistical discrepancy (income)	**Gross domestic product at market prices**
	DTWM	CAER	DMUQ	NHCZ	CAEQ	CGBZ	CGBX	CGCB	CMVL	GIXQ	YBHA
2013	879 055	304 034	–	51 469	9 477	364 980	283 924	1 527 959	211 604	–	1 739 563
2014	899 342	331 709	–	53 671	8 909	394 289	306 634	1 600 265	222 215	–	1 822 480
2015	928 147	336 390	–	53 447	9 002	398 839	318 478	1 645 464	228 798	–1 548	1 872 714
2016	962 865	..	–	..	..	408 218	334 043	1 705 126	237 922	–2 850	1 940 198
Seasonally adjusted											
2013 Q3	220 751	77 575	705	13 135	2 273	92 983	70 924	384 658	53 683	–	438 341
Q4	221 959	75 638	–1 142	14 124	2 058	91 820	72 055	385 834	54 478	–	440 312
2014 Q1	222 706	79 624	–294	12 572	2 347	94 543	74 643	391 892	54 765	–	446 657
Q2	223 080	81 436	–740	15 458	2 545	99 439	76 857	399 376	55 473	–	454 849
Q3	225 342	87 868	1 455	12 177	2 005	102 050	77 213	404 605	55 073	–	459 678
Q4	228 214	82 781	–421	13 464	2 012	98 257	77 921	404 392	56 904	–	461 296
2015 Q1	229 391	83 145	–517	14 582	2 276	100 003	78 166	407 560	55 422	–237	462 745
Q2	231 222	86 204	1 880	13 825	2 492	102 521	79 377	413 120	56 810	–345	469 585
Q3	233 209	84 074	–34	12 486	2 132	98 692	80 000	411 901	57 782	–394	469 289
Q4	234 325	82 967	–1 329	12 554	2 102	97 623	80 935	412 883	58 784	–572	471 095
2016 Q1	235 095	84 808	–1 393	13 614	2 367	100 789	81 962	417 846	58 367	–645	475 568
Q2	240 407	85 839	–177	12 555	2 562	100 956	83 480	424 843	59 030	–695	483 178
Q3	243 573	85 605	–325	13 038	2 346	100 989	84 388	428 950	59 138	–730	487 358
Q4	243 790	..	1 895	..	..	105 484	84 213	433 487	61 387	–780	494 094
Percentage change, latest year on previous year											
	KGI3	KH59		KH5L	KH53	KH4V	KH6T	KH6N	KH65		IHYM
2013	3.4	6.4		2.3	1.0	5.6	2.5	3.7	4.7		3.9
2014	2.3	9.1		4.3	–6.0	8.0	8.0	4.7	5.0		4.8
2015	3.2	1.4		–0.4	1.0	1.2	3.9	2.8	3.0		2.8
2016	3.7	..		..	..	2.4	4.9	3.6	4.0		3.6
Percentage change, latest quarter on previous quarter											
	KGI4	KH5A		KH5M	KH54	KH4W	KH6U	KH6O	KH66		IHYN
2013 Q3	–0.1	6.1		8.9	–18.7	5.7	0.4	1.3	2.9		1.5
Q4	0.5	–2.5		7.5	–9.5	–1.3	1.6	0.3	1.5		0.4
2014 Q1	0.3	5.3		–11.0	14.0	3.0	3.6	1.6	0.5		1.4
Q2	0.2	2.3		23.0	8.4	5.2	3.0	1.9	1.3		1.8
Q3	1.0	7.9		–21.2	–21.2	2.6	0.5	1.3	–0.7		1.1
Q4	1.3	–5.8		10.6	0.3	–3.7	0.9	–0.1	3.3		0.4
2015 Q1	0.5	0.4		8.3	13.1	1.8	0.3	0.8	–2.6		0.3
Q2	0.8	3.7		–5.2	9.5	2.5	1.5	1.4	2.5		1.5
Q3	0.9	–2.5		–9.7	–14.4	–3.7	0.8	–0.3	1.7		–0.1
Q4	0.5	–1.3		0.5	–1.4	–1.1	1.2	0.2	1.7		0.4
2016 Q1	0.3	2.2		8.4	12.6	3.2	1.3	1.2	–0.7		0.9
Q2	2.3	1.2		–7.8	8.2	0.2	1.9	1.7	1.1		1.6
Q3	1.3	–0.3		3.8	–8.4	–	1.1	1.0	0.2		0.9
Q4	0.1	..		..	..	4.5	–0.2	1.1	3.8		1.4
Percentage change, latest quarter on corresponding quarter of previous year											
	KGI5	KH5B		KH5N	KH55	KH4X	KH6V	KH6P	KH67		IHYO
2013 Q3	2.7	4.8		5.1	–9.9	4.4	2.3	3.0	6.7		3.5
Q4	3.9	1.7		9.5	–15.2	2.4	3.5	3.5	4.8		3.6
2014 Q1	3.5	2.5		3.5	–0.2	2.6	6.2	3.7	6.8		4.1
Q2	0.9	11.3		28.1	–8.9	13.0	8.8	5.2	6.3		5.3
Q3	2.1	13.3		–7.3	–11.8	9.8	8.9	5.2	2.6		4.9
Q4	2.8	9.4		–4.7	–2.2	7.0	8.1	4.8	4.5		4.8
2015 Q1	3.0	4.4		16.0	–3.0	5.8	4.7	4.0	1.2		3.6
Q2	3.6	5.9		–10.6	–2.1	3.1	3.3	3.4	2.4		3.2
Q3	3.5	–4.3		2.5	6.3	–3.3	3.6	1.8	4.9		2.1
Q4	2.7	0.2		–6.8	4.5	–0.6	3.9	2.1	3.3		2.1
2016 Q1	2.5	2.0		–6.6	4.0	0.8	4.9	2.5	5.3		2.8
Q2	4.0	–0.4		–9.2	2.8	–1.5	5.2	2.8	3.9		2.9
Q3	4.4	1.8		4.4	10.0	2.3	5.5	4.1	2.3		3.9
Q4	4.0	..		..	..	8.1	4.1	5.0	4.4		4.9

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.
2 Quarterly alignment adjustment included in this series.
3 Includes mixed income and the operating surplus of the non-corporate sector.

E1 Household final consumption expenditure by purpose
Current prices

£ million

	UK NATIONAL[2]														
			UK DOMESTIC[3]												
	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Commu- nication	Recreati- on & culture	Education	Restau- rants & hotels	Miscell- aneous
COICOP[1]	-	-	0	01	02	03	04	05	06	07	08	09	10	11	12
	ABJQ	ABTF	ZAKV	ZWUM	ZAKX	ZAKZ	ZAVN	ZAVV	ZAWB	ZAWL	ZAWV	ZAWZ	ZWUS	ZAXR	ZAYF
2013	1 084 011	8 754	1 075 257	96 534	43 765	58 266	281 865	48 847	19 198	150 198	21 137	104 173	16 923	101 712	132 639
2014	1 126 230	8 971	1 117 259	97 515	44 936	61 950	288 267	51 367	19 222	156 492	21 192	106 664	17 795	105 788	146 071
2015	1 156 561	9 947	1 146 614	95 819	44 742	65 336	294 534	54 691	19 873	160 155	22 465	112 224	18 330	110 877	147 568
2016	1 206 407	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Seasonally adjusted															
2013 Q3	272 766	2 527	270 239	24 278	11 060	14 671	70 104	12 184	4 841	38 346	5 264	26 133	4 122	25 593	33 643
Q4	275 237	2 362	272 875	24 536	11 016	15 096	70 868	12 406	5 094	38 086	5 369	26 168	4 415	25 832	33 989
2014 Q1	277 150	2 606	274 544	24 487	11 132	14 838	71 381	12 556	4 922	38 378	5 270	26 197	4 427	26 194	34 762
Q2	279 459	1 537	277 922	24 380	11 228	15 711	71 825	12 680	4 881	38 963	5 221	26 619	4 439	26 285	35 690
Q3	284 929	2 074	282 855	24 490	11 260	15 618	72 420	12 972	4 737	39 757	5 317	26 994	4 453	26 556	38 281
Q4	284 692	2 754	281 938	24 158	11 316	15 783	72 641	13 159	4 682	39 394	5 384	26 854	4 476	26 753	37 338
2015 Q1	286 127	2 436	283 691	23 906	11 198	16 093	73 387	13 431	4 785	39 579	5 491	27 185	4 502	27 198	36 936
Q2	287 241	1 943	285 298	23 962	11 145	16 389	73 510	13 441	4 882	39 755	5 572	27 831	4 529	27 549	36 733
Q3	290 343	2 219	288 124	24 057	11 151	16 367	74 275	13 696	5 103	40 375	5 611	28 430	4 558	27 919	36 582
Q4	292 850	3 349	289 501	23 894	11 248	16 487	73 362	14 123	5 103	40 446	5 791	28 778	4 741	28 211	37 317
2016 Q1	296 060	3 615	292 445	23 943	11 172	16 703	74 605	13 939	5 372	40 369	5 836	29 339	4 765	28 373	38 029
Q2	299 398	3 639	295 759	23 956	11 481	16 787	75 315	14 192	5 438	40 466	5 869	29 841	4 791	28 769	38 854
Q3	303 458	4 420	299 038	24 048	11 381	17 217	75 501	14 326	5 522	40 791	5 925	30 101	4 813	28 984	40 429
Q4	307 491	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, latest year on previous year															
	KGY7		KG6U	KG9N	KGF3	KGF9	KGG7	KGH5	KGI6	KGJ4	KGK2	KGK8	KGB2	KGC6	KGE2
2013	3.9		4.1	5.8	1.7	4.4	3.6	3.9	7.5	5.3	6.4	1.6	7.2	4.8	3.6
2014	3.9		3.9	1.0	2.7	6.3	2.3	5.2	0.1	4.2	0.3	2.4	5.2	4.0	10.1
2015	2.7		2.6	–1.7	–0.4	5.5	2.2	6.5	3.4	2.3	6.0	5.2	3.0	4.8	1.0
2016	4.3		..	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, quarter on previous quarter															
	KGY8		KG74	KG9R	KGF4	KGG2	KGG8	KGH6	KGI7	KGJ5	KGK3	KGK9	KGB3	KGC7	KGE3
2013 Q3	1.4		1.2	1.6	3.5	2.9	–0.7	–0.1	4.4	2.4	0.1	–0.1	–0.9	1.8	3.4
Q4	0.9		1.0	1.1	–0.4	2.9	1.1	1.8	5.2	–0.7	2.0	0.1	7.1	0.9	1.0
2014 Q1	0.7		0.6	–0.2	1.1	–1.7	0.7	1.2	–3.4	0.8	–1.8	0.1	0.3	1.4	2.3
Q2	0.8		1.2	–0.4	0.9	5.9	0.6	1.0	–0.8	1.5	–0.9	1.6	0.3	0.3	2.7
Q3	2.0		1.8	0.5	0.3	–0.6	0.8	2.3	–3.0	2.0	1.8	1.4	0.3	1.0	7.3
Q4	–0.1		–0.3	–1.4	0.5	1.1	0.3	1.4	–1.2	–0.9	1.3	–0.5	0.5	0.7	–2.5
2015 Q1	0.5		0.6	–1.0	–1.0	2.0	1.0	2.1	2.2	0.5	2.0	1.2	0.6	1.7	–1.1
Q2	0.4		0.6	0.2	–0.5	1.8	0.2	0.1	2.0	0.4	1.5	2.4	0.6	1.3	–0.5
Q3	1.1		1.0	0.4	0.1	–0.1	1.0	1.9	4.5	1.6	0.7	2.2	0.6	1.3	–0.4
Q4	0.9		0.5	–0.7	0.9	0.7	–1.2	3.1	–	0.2	3.2	1.2	4.0	1.0	2.0
2016 Q1	1.1		1.0	0.2	–0.7	1.3	1.7	–1.3	5.3	–0.2	0.8	1.9	0.5	0.6	1.9
Q2	1.1		1.1	0.1	2.8	0.5	1.0	1.8	1.2	0.2	0.6	1.7	0.5	1.4	2.2
Q3	1.4		1.1	0.4	–0.9	2.6	0.2	0.9	1.5	0.8	1.0	0.9	0.5	0.7	4.1
Q4	1.3		..	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, quarter on corresponding quarter of previous year															
	KGY9		KG7C	KG9V	KGF5	KGG3	KGG9	KGH7	KGI8	KGJ6	KGK4	KGL2	KGB4	KGC8	KGE4
2013 Q3	4.5		4.5	6.7	2.9	5.1	2.7	3.0	6.6	7.8	6.4	0.2	7.5	5.0	6.7
Q4	4.0		4.0	3.9	1.6	7.3	2.5	4.7	12.1	5.2	5.8	–0.3	2.3	3.3	8.1
2014 Q1	3.8		3.5	2.8	1.2	4.2	1.6	4.1	6.4	5.6	0.4	1.9	4.8	4.2	7.0
Q2	3.9		4.1	2.0	5.1	10.2	1.7	3.9	5.2	4.1	–0.7	1.8	6.7	4.5	9.7
Q3	4.5		4.7	0.9	1.8	6.5	3.3	6.5	–2.1	3.7	1.0	3.3	8.0	3.8	13.8
Q4	3.4		3.3	–1.5	2.7	4.6	2.5	6.1	–8.1	3.4	0.3	2.6	1.4	3.6	9.9
2015 Q1	3.2		3.3	–2.4	0.6	8.5	2.8	7.0	–2.8	3.1	4.2	3.8	1.7	3.8	6.3
Q2	2.8		2.7	–1.7	–0.7	4.3	2.3	6.0	–	2.0	6.7	4.6	2.0	4.8	2.9
Q3	1.9		1.9	–1.8	–1.0	4.8	2.6	5.6	7.7	1.6	5.5	5.3	2.4	5.1	–4.4
Q4	2.9		2.7	–1.1	–0.6	4.5	1.0	7.3	9.0	2.7	7.6	7.2	5.9	5.4	–0.1
2016 Q1	3.5		3.1	0.2	–0.2	3.8	1.7	3.8	12.3	2.0	6.3	7.9	5.8	4.3	3.0
Q2	4.2		3.7	–	3.0	2.4	2.5	5.6	11.4	1.8	5.3	7.2	5.8	4.4	5.8
Q3	4.5		3.8	–	2.1	5.2	1.7	4.6	8.2	1.0	5.6	5.9	5.6	3.8	10.5
Q4	5.0		..	..	..	..	..	..	..	..	..	..	..	..	..

1 ESA 10 Classification of Individual Consumption by Purpose.
2 Final Consumption by UK Households in the UK & abroad.
3 Final consumption expenditure in the UK by UK & foreign households.

E2 Household final consumption expenditure (goods and services) Current prices

£ million

	UK NATIONAL[2]							
			UK DOMESTIC[3]					
				Goods				
	Total	Net tourism	Total	Total	Durable goods	Semi- durable goods	Non- durable goods	Services
COICOP[1]					D	SD	ND	S
	ABJQ	ABTF	ZAKV	UTIF	UTIB	UTIR	UTIJ	UTIN
2013	1 084 011	8 754	1 075 257	470 893	97 951	111 842	261 100	604 364
2014	1 126 230	8 971	1 117 259	481 124	105 073	115 754	260 297	636 135
2015	1 156 561	9 947	1 146 614	489 270	111 784	122 078	255 408	657 344
2016	1 206 407	..	..	..	..	..	..	..
Seasonally adjusted								
2013 Q3	272 766	2 527	270 239	118 160	24 998	27 963	65 199	152 079
Q4	275 237	2 362	272 875	119 003	25 072	28 350	65 581	153 872
2014 Q1	277 150	2 606	274 544	118 678	25 770	27 938	64 970	155 866
Q2	279 459	1 537	277 922	120 304	26 142	29 109	65 053	157 618
Q3	284 929	2 074	282 855	121 285	26 570	29 257	65 458	161 570
Q4	284 692	2 754	281 938	120 857	26 591	29 450	64 816	161 081
2015 Q1	286 127	2 436	283 691	121 208	27 029	29 915	64 264	162 483
Q2	287 241	1 943	285 298	121 884	27 616	30 313	63 955	163 414
Q3	290 343	2 219	288 124	123 530	28 463	30 735	64 332	164 594
Q4	292 850	3 349	289 501	122 648	28 676	31 115	62 857	166 853
2016 Q1	296 060	3 615	292 445	124 340	29 130	31 546	63 664	168 105
Q2	299 398	3 639	295 759	125 370	29 159	31 836	64 375	170 389
Q3	303 458	4 420	299 038	126 188	29 447	32 398	64 343	172 850
Q4	307 491	..	..	..	..	..	..	..
Percentage change, latest year on previous year								
	KGY7		KG6U	KHC9	KHB5	KHH5	KHE5	KHF9
2013	3.9		4.1	4.1	4.9	4.3	3.8	4.1
2014	3.9		3.9	2.2	7.3	3.5	–0.3	5.3
2015	2.7		2.6	1.7	6.4	5.5	–1.9	3.3
2016	4.3		..	..	..	..	..	..
Percentage change, quarter on previous quarter								
	KGY8		KG74	KHD2	KHB6	KHH6	KHE6	KHG2
2013 Q3	1.4		1.2	0.8	2.2	0.4	0.4	1.6
Q4	0.9		1.0	0.7	0.3	1.4	0.6	1.2
2014 Q1	0.7		0.6	–0.3	2.8	–1.5	–0.9	1.3
Q2	0.8		1.2	1.4	1.4	4.2	0.1	1.1
Q3	2.0		1.8	0.8	1.6	0.5	0.6	2.5
Q4	–0.1		–0.3	–0.4	0.1	0.7	–1.0	–0.3
2015 Q1	0.5		0.6	0.3	1.6	1.6	–0.9	0.9
Q2	0.4		0.6	0.6	2.2	1.3	–0.5	0.6
Q3	1.1		1.0	1.4	3.1	1.4	0.6	0.7
Q4	0.9		0.5	–0.7	0.7	1.2	–2.3	1.4
2016 Q1	1.1		1.0	1.4	1.6	1.4	1.3	0.8
Q2	1.1		1.1	0.8	0.1	0.9	1.1	1.4
Q3	1.4		1.1	0.7	1.0	1.8	–	1.4
Q4	1.3		..	..	..	..	..	..
Percentage change, quarter on corresponding quarter of previous year								
	KGY9		KG7C	KHD3	KHB7	KHH7	KHE7	KHG3
2013 Q3	4.5		4.5	4.6	7.1	3.9	3.9	4.5
Q4	4.0		4.0	2.9	4.7	4.0	1.7	4.9
2014 Q1	3.8		3.5	1.9	10.0	0.9	–0.6	4.8
Q2	3.9		4.1	2.6	6.9	4.6	0.1	5.3
Q3	4.5		4.7	2.6	6.3	4.6	0.4	6.2
Q4	3.4		3.3	1.6	6.1	3.9	–1.2	4.7
2015 Q1	3.2		3.3	2.1	4.9	7.1	–1.1	4.2
Q2	2.8		2.7	1.3	5.6	4.1	–1.7	3.7
Q3	1.9		1.9	1.9	7.1	5.1	–1.7	1.9
Q4	2.9		2.7	1.5	7.8	5.7	–3.0	3.6
2016 Q1	3.5		3.1	2.6	7.8	5.5	–0.9	3.5
Q2	4.2		3.7	2.9	5.6	5.0	0.7	4.3
Q3	4.5		3.8	2.2	3.5	5.4	–	5.0
Q4	5.0		..	..	..	..	..	..

1 ESA 10 Classification of Individual Consumption by Purpose.
2 Final Consumption by UK Households in the UK & abroad.
3 Final consumption expenditure in the UK by UK & foreign households.

E3 Household final consumption expenditure by purpose
Chained volume measures

Reference year 2013, £ million

	UK NATIONAL[2]														
			UK DOMESTIC[3]												
	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous
COICOP[1]	-	-	0	01	02	03	04	05	06	07	08	09	10	11	12
	ABJR	ABTH	ZAKW	ZWUN	ZAKY	ZALA	ZAVO	ZAVW	ZAWC	ZAWM	ZAWW	ZAXA	ZWUT	ZAXS	ZAYG
2013	1 084 011	8 754	1 075 257	96 534	43 765	58 266	281 865	48 847	19 198	150 198	21 137	104 173	16 923	101 712	132 639
2014	1 107 154	11 426	1 095 728	97 754	43 514	61 692	282 769	50 997	18 838	156 627	20 950	105 656	16 163	102 832	137 936
2015	1 134 372	16 566	1 117 806	98 489	42 661	65 238	284 869	54 194	19 082	162 476	21 901	112 130	15 322	104 630	136 814
2016	1 168 986	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Seasonally adjusted															
2013 Q3	271 742	2 453	269 295	24 163	10 942	14 641	69 920	12 176	4 844	38 323	5 252	26 036	4 207	25 606	33 179
Q4	273 686	2 513	271 191	24 402	10 769	14 925	70 418	12 344	5 052	37 984	5 343	26 058	4 108	25 624	34 128
2014 Q1	274 157	2 933	271 224	24 329	10 814	15 050	70 573	12 480	4 865	38 041	5 189	26 166	4 121	25 769	33 827
Q2	275 226	2 108	273 118	24 374	10 969	15 469	70 598	12 577	4 786	38 997	5 170	26 451	4 133	25 758	33 836
Q3	279 074	3 071	276 003	24 617	10 941	15 324	70 738	12 828	4 633	39 662	5 267	26 558	4 119	25 687	35 629
Q4	278 697	3 314	275 383	24 434	10 790	15 849	70 860	13 112	4 554	39 927	5 324	26 481	3 790	25 618	34 644
2015 Q1	280 745	3 683	277 062	24 394	10 745	15 951	71 421	13 283	4 630	39 814	5 378	27 058	3 812	25 911	34 665
Q2	282 061	3 547	278 514	24 511	10 677	16 320	71 266	13 366	4 686	40 434	5 453	27 798	3 835	26 099	34 069
Q3	285 218	4 676	280 542	24 725	10 608	16 390	71 668	13 529	4 873	40 997	5 484	28 413	3 845	26 221	33 789
Q4	286 348	4 660	281 688	24 859	10 631	16 577	70 514	14 016	4 893	41 231	5 586	28 861	3 830	26 399	34 291
2016 Q1	288 784	4 422	284 362	25 107	10 530	16 619	71 490	13 821	5 120	41 147	5 609	29 408	3 851	26 504	35 156
Q2	291 014	4 392	286 622	25 301	10 777	16 742	71 841	14 101	5 154	41 360	5 593	29 716	3 871	26 626	35 540
Q3	293 549	4 847	288 702	25 431	10 610	17 181	71 474	14 363	5 237	41 581	5 575	29 920	3 859	26 671	36 800
Q4	295 639	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, latest year on previous year															
	KGZ5		KG7O	KG9Y	KGF6	KGG4	KGH2	KGH8	KGI9	KGJ7	KGK5	KGL3	KGB8	KGD4	KGE8
2013	1.6		1.9	2.0	−4.1	3.4	1.2	3.3	5.8	3.5	3.5	0.9	−8.6	2.5	3.0
2014	2.1		1.9	1.3	−0.6	5.9	0.3	4.4	−1.9	4.3	−0.9	1.4	−4.5	1.1	4.0
2015	2.5		2.0	0.8	−2.0	5.7	0.7	6.3	1.3	3.7	4.5	6.1	−5.2	1.7	−0.8
2016	3.1		..	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, quarter on previous quarter															
	KGZ6		KG7R	KGA3	KGF7	KGG5	KGH3	KGH9	KGJ2	KGJ8	KGK6	KGL4	KGB9	KGD5	KGE9
2013 Q3	0.8		0.6	0.8	1.4	2.5	−1.1	−0.5	4.1	1.5	−0.3	−0.6	−1.5	1.5	2.2
Q4	0.7		0.7	1.0	−1.6	1.9	0.7	1.4	4.3	−0.9	1.7	0.1	−2.4	0.1	2.9
2014 Q1	0.2		–	−0.3	0.4	0.8	0.2	1.1	−3.7	0.2	−2.9	0.4	0.3	0.6	−0.9
Q2	0.4		0.7	0.2	1.4	2.8	–	0.8	−1.6	2.5	−0.4	1.1	0.3	–	–
Q3	1.4		1.1	1.0	−0.3	−0.9	0.2	2.0	−3.2	1.7	1.9	0.4	−0.3	−0.3	5.3
Q4	−0.1		−0.2	−0.7	−1.4	3.4	0.2	2.2	−1.7	0.7	1.1	−0.3	−8.0	−0.3	−2.8
2015 Q1	0.7		0.6	−0.2	−0.4	0.6	0.8	1.3	1.7	−0.3	1.0	2.2	0.6	1.1	0.1
Q2	0.5		0.5	0.5	−0.6	2.3	−0.2	0.6	1.2	1.6	1.4	2.7	0.6	0.7	−1.7
Q3	1.1		0.7	0.9	−0.6	0.4	0.6	1.2	4.0	1.4	0.6	2.2	0.3	0.5	−0.8
Q4	0.4		0.4	0.5	0.2	1.1	−1.6	3.6	0.4	0.6	1.9	1.6	−0.4	0.7	1.5
2016 Q1	0.9		0.9	1.0	−1.0	0.3	1.4	−1.4	4.6	−0.2	0.4	1.9	0.5	0.4	2.5
Q2	0.8		0.8	0.8	2.3	0.7	0.5	2.0	0.7	0.5	−0.3	1.0	0.5	0.5	1.1
Q3	0.9		0.7	0.5	−1.5	2.6	−0.5	1.9	1.6	0.5	−0.3	0.7	−0.3	0.2	3.5
Q4	0.7		..	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, quarter on corresponding quarter of previous year															
	KGZ7		KG7U	KGA6	KGF8	KGG6	KGH4	KGI2	KGJ3	KGJ9	KGK7	KGL5	KGC2	KGD6	KGF2
2013 Q3	1.9		2.0	2.6	−4.3	3.8	0.3	2.7	5.0	5.4	3.7	−0.9	−10.6	3.9	4.0
Q4	1.7		1.8	1.2	−4.8	5.4	0.2	3.1	9.9	3.0	3.0	−1.1	−7.2	1.3	7.0
2014 Q1	1.9		1.6	1.3	−4.0	4.4	−0.3	3.2	4.6	5.3	−1.6	1.0	−5.0	2.1	2.9
Q2	2.1		2.0	1.7	1.6	8.3	−0.2	2.8	2.9	3.3	−1.8	1.0	−3.2	2.1	4.2
Q3	2.7		2.5	1.9	–	4.7	1.2	5.4	−4.4	3.5	0.3	2.0	−2.1	0.3	7.4
Q4	1.8		1.5	0.1	0.2	6.2	0.6	6.2	−9.9	5.1	−0.4	1.6	−7.7	–	1.5
2015 Q1	2.4		2.2	0.3	−0.6	6.0	1.2	6.4	−4.8	4.7	3.6	3.4	−7.5	0.6	2.5
Q2	2.5		2.0	0.6	−2.7	5.5	0.9	6.3	−2.1	3.7	5.5	5.1	−7.2	1.3	0.7
Q3	2.2		1.6	0.4	−3.0	7.0	1.3	5.5	5.2	3.4	4.1	7.0	−6.7	2.1	−5.2
Q4	2.7		2.3	1.7	−1.5	4.6	−0.5	6.9	7.4	3.3	4.9	9.0	1.1	3.0	−1.0
2016 Q1	2.9		2.6	2.9	−2.0	4.2	0.1	4.1	10.6	3.3	4.3	8.7	1.0	2.3	1.4
Q2	3.2		2.9	3.2	0.9	2.6	0.8	5.5	10.0	2.3	2.6	6.9	0.9	2.0	4.3
Q3	2.9		2.9	2.9	–	4.8	−0.3	6.2	7.5	1.4	1.7	5.3	0.4	1.7	8.9
Q4	3.2		..	..	..	..	..	..	..	..	..	..	..	..	..

1 ESA 10 Classification of Individual Consumption by Purpose.
2 Final consumption expenditure by UK households in the UK & abroad.
3 Final consumption expenditure in the UK by UK & foreign households.

E4 Household final consumption expenditure (goods and services) Chained volume measures

Reference year 2013, £ million

	UK NATIONAL[2]							
			UK DOMESTIC[3]					
				Goods				
	Total	Net tourism	Total	Total	Durable goods	Semi- durable goods	Non- durable goods	Services
COICOP[1]					D	SD	ND	S
	ABJR	ABTH	ZAKW	UTIH	UTID	UTIT	UTIL	UTIP
2013	1 084 011	8 754	1 075 257	470 893	97 951	111 842	261 100	604 364
2014	1 107 154	11 426	1 095 728	479 255	104 922	115 251	259 082	616 473
2015	1 134 372	16 566	1 117 806	496 737	112 982	122 145	261 610	621 069
2016	1 168 986	..	..	..	..	..	..	..
Seasonally adjusted								
2013 Q3	271 742	2 453	269 295	117 967	25 041	27 958	64 944	151 328
Q4	273 686	2 513	271 191	118 556	25 089	28 141	65 312	152 631
2014 Q1	274 157	2 933	271 224	117 894	25 713	28 156	64 025	153 330
Q2	275 226	2 108	273 118	119 642	26 165	28 811	64 666	153 476
Q3	279 074	3 071	276 003	120 475	26 437	28 832	65 206	155 528
Q4	278 697	3 314	275 383	121 244	26 607	29 452	65 185	154 139
2015 Q1	280 745	3 683	277 062	122 233	27 343	29 735	65 155	154 829
Q2	282 061	3 547	278 514	123 521	27 891	30 371	65 259	154 993
Q3	285 218	4 676	280 542	125 400	28 587	30 814	65 999	155 142
Q4	286 348	4 660	281 688	125 583	29 161	31 225	65 197	156 105
2016 Q1	288 784	4 422	284 362	127 452	29 734	31 639	66 079	156 910
Q2	291 014	4 392	286 622	128 725	29 756	31 940	67 029	157 897
Q3	293 549	4 847	288 702	129 580	30 317	32 605	66 658	159 122
Q4	295 639	..	..	..	..	..	..	..
Percentage change, year on previous year								
	KGZ5		KG7O	KHD7	KHC3	KHI3	KHF3	KHG7
2013	1.6		1.9	2.4	6.3	3.4	0.5	1.5
2014	2.1		1.9	1.8	7.1	3.0	–0.8	2.0
2015	2.5		2.0	3.6	7.7	6.0	1.0	0.7
2016	3.1		..	..	..	..	..	..
Percentage change, quarter on previous quarter								
	KGZ6		KG7R	KHD8	KHC4	KHI4	KHF4	KHG8
2013 Q3	0.8		0.6	0.2	1.9	0.4	–0.5	0.8
Q4	0.7		0.7	0.5	0.2	0.7	0.6	0.9
2014 Q1	0.2		–	–0.6	2.5	0.1	–2.0	0.5
Q2	0.4		0.7	1.5	1.8	2.3	1.0	0.1
Q3	1.4		1.1	0.7	1.0	0.1	0.8	1.3
Q4	–0.1		–0.2	0.6	0.6	2.2	–	–0.9
2015 Q1	0.7		0.6	0.8	2.8	1.0	–	0.4
Q2	0.5		0.5	1.1	2.0	2.1	0.2	0.1
Q3	1.1		0.7	1.5	2.5	1.5	1.1	0.1
Q4	0.4		0.4	0.1	2.0	1.3	–1.2	0.6
2016 Q1	0.9		0.9	1.5	2.0	1.3	1.4	0.5
Q2	0.8		0.8	1.0	0.1	1.0	1.4	0.6
Q3	0.9		0.7	0.7	1.9	2.1	–0.6	0.8
Q4	0.7		..	..	..	..	..	..
Percentage change, quarter on corresponding quarter of previous year								
	KGZ7		KG7U	KHD9	KHC5	KHI5	KHF5	KHG9
2013 Q3	1.9		2.0	2.4	8.4	3.0	–0.2	1.6
Q4	1.7		1.8	1.2	5.9	2.4	–1.0	2.3
2014 Q1	1.9		1.6	1.0	10.6	0.9	–2.4	2.0
Q2	2.1		2.0	1.7	6.5	3.5	–0.9	2.2
Q3	2.7		2.5	2.1	5.6	3.1	0.4	2.8
Q4	1.8		1.5	2.3	6.1	4.7	–0.2	1.0
2015 Q1	2.4		2.2	3.7	6.3	5.6	1.8	1.0
Q2	2.5		2.0	3.2	6.6	5.4	0.9	1.0
Q3	2.2		1.6	4.1	8.1	6.9	1.2	–0.2
Q4	2.7		2.3	3.6	9.6	6.0	–	1.3
2016 Q1	2.9		2.6	4.3	8.7	6.4	1.4	1.3
Q2	3.2		2.9	4.2	6.7	5.2	2.7	1.9
Q3	2.9		2.9	3.3	6.1	5.8	1.0	2.6
Q4	3.2		..	..	..	..	..	..

1 ESA 10 Classification of Individual Consumption by Purpose.
2 Final consumption expenditure by UK households in the UK & abroad.
3 Final consumption expenditure in the UK by UK & foreign households.

F Gross fixed capital formation by sector and type of asset
Chained volume measures

Reference year 2013, £ million

	Analysis by sector							Analysis by asset					
			Public corporations[2]		Private Sector								
	Business investment[1]	General government	Dwellings[3]	Costs of transfer of ownership of non-produced assets	Dwellings[3]	Costs of transfer of ownership of non-produced assets	Total	Transport equipment	Other machinery and equipment	Dwellings[3]	Other buildings and structures[4]	Intellectual Property Products	**Total**
	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT
2013	162 326	45 747	3 352	–505	52 904	16 400	280 224	9 928	58 469	56 386	91 034	64 407	280 224
2014	168 627	48 535	3 722	–617	58 967	19 638	298 872	12 025	61 071	62 874	96 532	66 370	298 872
2015	177 233	47 274	4 293	–619	61 309	19 654	309 144	17 596	58 965	65 801	99 292	67 490	309 144
2016	174 529	47 918	3 946	–667	63 620	21 211	310 557	19 793	58 096	67 813	97 166	67 689	310 557
Seasonally adjusted													
2013 Q3	41 084	11 553	849	–129	13 490	4 220	71 070	2 813	14 650	14 364	23 242	16 000	71 070
Q4	41 830	11 857	857	–143	13 874	4 632	72 933	2 754	14 770	14 772	24 285	16 365	72 933
2014 Q1	40 412	13 769	876	–148	15 382	4 662	74 953	2 400	14 724	16 310	24 491	17 028	74 953
Q2	42 832	10 946	908	–157	14 139	5 094	73 762	2 965	16 058	15 088	23 380	16 271	73 762
Q3	42 294	11 946	954	–160	14 789	4 998	74 821	3 201	15 662	15 791	23 861	16 306	74 821
Q4	43 089	11 874	984	–152	14 657	4 884	75 336	3 459	14 627	15 685	24 800	16 765	75 336
2015 Q1	44 234	11 994	1 054	–142	14 913	4 394	76 447	4 725	14 312	16 024	24 369	17 017	76 447
Q2	44 119	11 902	1 085	–152	15 547	4 893	77 394	4 582	14 670	16 679	24 538	16 925	77 394
Q3	44 977	11 708	1 118	–161	15 287	5 074	78 003	4 235	15 195	16 450	25 268	16 855	78 003
Q4	43 903	11 670	1 036	–164	15 562	5 293	77 300	4 054	14 788	16 648	25 117	16 693	77 300
2016 Q1	43 417	11 796	953	–175	15 845	5 533	77 369	4 942	14 403	16 848	24 115	17 061	77 369
Q2	43 660	11 654	1 045	–167	15 903	5 155	77 250	5 134	14 447	17 006	23 865	16 798	77 250
Q3	43 956	12 279	905	–156	15 790	5 203	77 977	4 950	14 819	16 750	24 484	16 974	77 977
Q4	43 496	12 189	1 043	–169	16 082	5 320	77 961	4 767	14 427	17 209	24 702	16 856	77 961
Percentage change, latest year on previous year													
	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N
2013	2.6	–3.5	3.7	17.7	6.7	21.4	3.2	–1.5	3.3	6.5	1.6	3.5	3.2
2014	3.9	6.1	11.0	22.2	11.5	19.7	6.7	21.1	4.5	11.5	6.0	3.0	6.7
2015	5.1	–2.6	15.3	0.3	4.0	0.1	3.4	46.3	–3.4	4.7	2.9	1.7	3.4
2016	–1.5	1.4	–8.1	7.8	3.8	7.9	0.5	12.5	–1.5	3.1	–2.1	0.3	0.5
Percentage change, latest quarter on previous quarter													
	KG7P	KH9C	L64U	L64X	L655	L652	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q
2013 Q3	3.5	2.1	–2.5	18.3	2.4	11.5	3.4	22.9	5.3	1.9	2.6	1.5	3.4
Q4	1.8	2.6	0.9	10.9	2.8	9.8	2.6	–2.1	0.8	2.8	4.5	2.3	2.6
2014 Q1	–3.4	16.1	2.2	3.5	10.9	0.6	2.8	–12.9	–0.3	10.4	0.8	4.1	2.8
Q2	6.0	–20.5	3.7	6.1	–8.1	9.3	–1.6	23.5	9.1	–7.5	–4.5	–4.4	–1.6
Q3	–1.3	9.1	5.1	1.9	4.6	–1.9	1.4	8.0	–2.5	4.7	2.1	0.2	1.4
Q4	1.9	–0.6	3.1	–5.0	–0.9	–2.3	0.7	8.1	–6.6	–0.7	3.9	2.8	0.7
2015 Q1	2.7	1.0	7.1	–6.6	1.7	–10.0	1.5	36.6	–2.2	2.2	–1.7	1.5	1.5
Q2	–0.3	–0.8	2.9	7.0	4.3	11.4	1.2	–3.0	2.5	4.1	0.7	–0.5	1.2
Q3	1.9	–1.6	3.0	5.9	–1.7	3.7	0.8	–7.6	3.6	–1.4	3.0	–0.4	0.8
Q4	–2.4	–0.3	–7.3	1.9	1.8	4.3	–0.9	–4.3	–2.7	1.2	–0.6	–1.0	–0.9
2016 Q1	–1.1	1.1	–8.0	6.7	1.8	4.5	0.1	21.9	–2.6	1.2	–4.0	2.2	0.1
Q2	0.6	–1.2	9.7	–4.6	0.4	–6.8	–0.2	3.9	0.3	0.9	–1.0	–1.5	–0.2
Q3	0.7	5.4	–13.4	–6.6	–0.7	0.9	0.9	–3.6	2.6	–1.5	2.6	1.0	0.9
Q4	–1.0	–0.7	15.2	8.3	1.8	2.2	–	–3.7	–2.6	2.7	0.9	–0.7	–
Percentage change, latest quarter on corresponding quarter of previous year													
	KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T
2013 Q3	5.7	3.7	5.7	25.2	12.2	27.9	7.3	18.0	8.2	11.6	5.4	3.8	7.3
Q4	2.7	5.0	8.5	33.6	12.9	35.9	5.3	4.8	4.4	12.6	4.0	2.2	5.3
2014 Q1	1.7	24.9	13.0	19.4	24.3	23.9	11.0	15.8	–2.7	24.0	17.4	4.6	11.0
Q2	7.9	–3.3	4.2	44.0	7.4	34.6	7.4	29.6	15.4	7.0	3.2	3.2	7.4
Q3	2.9	3.4	12.4	24.0	9.6	18.4	5.3	13.8	6.9	9.9	2.7	1.9	5.3
Q4	3.0	0.1	14.8	6.3	5.6	5.4	3.3	25.6	–1.0	6.2	2.1	2.4	3.3
2015 Q1	9.5	–12.9	20.3	–4.1	–3.0	–5.7	2.0	96.9	–2.8	–1.8	–0.5	–0.1	2.0
Q2	3.0	8.7	19.5	–3.2	10.0	–3.9	4.9	54.5	–8.6	10.5	5.0	4.0	4.9
Q3	6.3	–2.0	17.2	0.6	3.4	1.5	4.3	32.3	–3.0	4.2	5.9	3.4	4.3
Q4	1.9	–1.7	5.3	7.9	6.2	8.4	2.6	17.2	1.1	6.1	1.3	–0.4	2.6
2016 Q1	–1.8	–1.7	–9.6	23.2	6.2	25.9	1.2	4.6	0.6	5.1	–1.0	0.3	1.2
Q2	–1.0	–2.1	–3.7	9.9	2.3	5.4	–0.2	12.0	–1.5	2.0	–2.7	–0.8	–0.2
Q3	–2.3	4.9	–19.1	–3.1	3.3	2.5	–	16.9	–2.5	1.8	–3.1	0.7	–
Q4	–0.9	4.4	0.7	3.0	3.3	0.5	0.9	17.6	–2.4	3.4	–1.7	1.0	0.9

1 Not including expenditure on dwellings, land and existing buildings and costs associated with the transfer of ownership of non-produced assets.
2 Remaining investment by public non-financial corporations included within business investment.
3 Includes new dwellings and improvements to dwellings.
4 Including costs associated with the transfer of ownership of buildings, dwellings and non-produced assets.

G Changes in inventories
Chained volume measures[1]

Reference year 2013, £ million

	Mining and quarrying	Manufacturing industries: Materials and fuel	Manufacturing industries: Work in progress	Manufacturing industries: Finished goods	Manufacturing industries: Total	Elect-ricity, gas and water supply	Distributive trades: Wholesale[2]	Distributive trades: Retail[2]	Other industries	**Changes in inventories[3]**
Level of inventories held at end-December[4] 2014	2 699	20 429	18 063	20 684	59 175	5 408	37 671	39 306	70 327	214 587
	FAEA	FBNF	FBNG	FBNH	DHBM	FAEB	FAJX	FBYN	DLWX	CAFU
2013	80	961	83	–455	589	131	170	1 238	2 866	5 074
2014	1 940	283	1 317	2 098	3 698	390	1 619	2 629	6 354	16 630
2015	3 407	–398	299	–411	–510	188	323	3 392	5 571	12 371
2016	..	..	..	..	..	..	..	..	..	2 380
Seasonally adjusted										
2013 Q3	–119	234	–393	–302	–461	90	1 620	847	1 400	3 381
Q4	–31	533	245	517	1 300	207	–1 694	934	1 235	1 894
2014 Q1	355	152	827	462	1 441	457	5 629	1 008	–7 086	1 804
Q2	6	193	293	596	1 082	393	1 002	403	1 055	3 941
Q3	415	118	334	418	870	155	–1 655	471	4 611	4 867
Q4	1 164	–180	–137	622	305	–615	–3 357	747	7 774	6 018
2015 Q1	821	–6	–8	1 211	1 197	–205	1 165	1 381	–40	4 319
Q2	–1	689	–99	–736	–146	–35	–1 168	1 332	3 618	3 600
Q3	1 822	–467	421	–233	–279	–265	503	44	813	2 638
Q4	765	–614	–15	–653	–1 282	693	–177	635	1 180	1 814
2016 Q1	180	–167	–11	–388	–566	244	273	–919	822	34
Q2	–986	–980	–214	–226	–1 420	109	132	–546	3 167	456
Q3	–389	1 361	–305	–635	421	–715	–218	–820	2 150	429
Q4	..	..	..	..	..	..	..	..	..	1 461

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.
2 Wholesaling and retailing estimates exclude the motor trades.
3 Quarterly alignment adjustment included in this series
4 These are values of physical stock levels in reference year (2013) prices.

H1 Exports and imports of goods and services
Current market prices

£ million

	Exports			Imports			Balance		
	Goods	Services	Total	Goods	Services	Total	Goods	Services	Total[1]
	BOKG	IKBB	IKBH	BOKH	IKBC	IKBI	BOKI	IKBD	IKBJ
2013	303 147	214 495	517 642	423 811	133 069	556 880	–120 664	81 426	–39 238
2014	292 894	218 760	511 654	415 469	132 408	547 877	–122 575	86 352	–36 223
2015	287 584	229 862	517 446	407 304	139 930	547 234	–119 720	89 932	–29 788
2016	301 705	243 136	544 841	436 580	145 084	581 664	–134 875	98 052	–36 823
Seasonally adjusted									
2013 Q3	76 929	53 304	130 233	106 349	34 019	140 368	–29 420	19 285	–10 135
Q4	73 541	52 844	126 385	107 219	34 243	141 462	–33 678	18 601	–15 077
2014 Q1	73 109	52 974	126 083	102 062	35 764	137 826	–28 953	17 210	–11 743
Q2	73 463	55 116	128 579	102 862	32 353	135 215	–29 399	22 763	–6 636
Q3	72 324	54 374	126 698	103 489	32 386	135 875	–31 165	21 988	–9 177
Q4	73 998	56 296	130 294	107 056	31 905	138 961	–33 058	24 391	–8 667
2015 Q1	71 727	59 215	130 942	106 184	34 130	140 314	–34 457	25 085	–9 372
Q2	74 309	55 628	129 937	101 639	34 373	136 012	–27 330	21 255	–6 075
Q3	70 627	55 533	126 160	99 435	35 203	134 638	–28 808	20 330	–8 478
Q4	70 921	59 486	130 407	100 046	36 224	136 270	–29 125	23 262	–5 863
2016 Q1	70 281	58 899	129 180	102 412	36 116	138 528	–32 131	22 783	–9 348
Q2	74 854	60 142	134 996	105 859	36 987	142 846	–31 005	23 155	–7 850
Q3	74 406	61 374	135 780	113 646	35 871	149 517	–39 240	25 503	–13 737
Q4	82 164	62 721	144 885	114 663	36 110	150 773	–32 499	26 611	–5 888
Percentage change, latest year on previous year									
	KG9K	KH35	KH2O	KG9L	KH3W	KH3H			
2013	0.5	8.6	3.7	2.7	7.4	3.8			
2014	–3.4	2.0	–1.2	–2.0	–0.5	–1.6			
2015	–1.8	5.1	1.1	–2.0	5.7	–0.1			
2016	4.9	5.8	5.3	7.2	3.7	6.3			
Percentage change, latest quarter on previous quarter									
	KG9O	KH36	KH2P	KG9P	KH3X	KH3I			
2013 Q3	–0.9	–2.9	–1.7	–0.5	2.1	0.1			
Q4	–4.4	–0.9	–3.0	0.8	0.7	0.8			
2014 Q1	–0.6	0.2	–0.2	–4.8	4.4	–2.6			
Q2	0.5	4.0	2.0	0.8	–9.5	–1.9			
Q3	–1.6	–1.3	–1.5	0.6	0.1	0.5			
Q4	2.3	3.5	2.8	3.4	–1.5	2.3			
2015 Q1	–3.1	5.2	0.5	–0.8	7.0	1.0			
Q2	3.6	–6.1	–0.8	–4.3	0.7	–3.1			
Q3	–5.0	–0.2	–2.9	–2.2	2.4	–1.0			
Q4	0.4	7.1	3.4	0.6	2.9	1.2			
2016 Q1	–0.9	–1.0	–0.9	2.4	–0.3	1.7			
Q2	6.5	2.1	4.5	3.4	2.4	3.1			
Q3	–0.6	2.0	0.6	7.4	–3.0	4.7			
Q4	10.4	2.2	6.7	0.9	0.7	0.8			
Percentage change, latest quarter on corresponding quarter of previous year									
	KG9S	KH37	KH2Q	KG9T	KH3Y	KH3J			
2013 Q3	1.1	7.8	3.7	3.4	10.1	5.0			
Q4	–	5.0	2.0	4.2	11.1	5.8			
2014 Q1	–2.6	–0.9	–1.9	–1.3	13.6	2.2			
Q2	–5.3	0.4	–3.0	–3.7	–2.9	–3.5			
Q3	–6.0	2.0	–2.7	–2.7	–4.8	–3.2			
Q4	0.6	6.5	3.1	–0.2	–6.8	–1.8			
2015 Q1	–1.9	11.8	3.9	4.0	–4.6	1.8			
Q2	1.2	0.9	1.1	–1.2	6.2	0.6			
Q3	–2.3	2.1	–0.4	–3.9	8.7	–0.9			
Q4	–4.2	5.7	0.1	–6.5	13.5	–1.9			
2016 Q1	–2.0	–0.5	–1.3	–3.6	5.8	–1.3			
Q2	0.7	8.1	3.9	4.2	7.6	5.0			
Q3	5.4	10.5	7.6	14.3	1.9	11.1			
Q4	15.9	5.4	11.1	14.6	–0.3	10.6			

1 Trade balance is calculated by using exports of goods and services minus imports of goods and services

H2 Exports and imports of goods and services Chained volume measures

Reference year 2013, £ million

	Exports			Imports			Balance
	Goods	Services	Total	Goods	Services	Total	Total[1]
	BQKQ	IKBE	IKBK	BQKO	IKBF	IKBL	IKBM
2013	303 147	214 495	517 642	423 811	133 069	556 880	–39 238
2014	307 435	217 741	525 176	434 438	136 551	570 989	–45 813
2015	329 548	227 475	557 023	458 051	144 369	602 420	–45 397
2016	326 874	238 179	565 053	475 080	142 151	617 231	–52 178
Seasonally adjusted							
2013 Q3	76 357	53 279	129 650	106 289	33 812	140 102	–10 452
Q4	74 480	53 481	127 950	108 204	34 343	142 549	–14 599
2014 Q1	75 542	55 690	131 232	105 704	36 669	142 373	–11 141
Q2	76 328	54 454	130 782	107 321	33 175	140 496	–9 714
Q3	75 968	53 062	129 030	108 550	33 540	142 090	–13 060
Q4	79 597	54 535	134 132	112 863	33 167	146 030	–11 898
2015 Q1	80 011	58 388	138 399	117 061	34 969	152 030	–13 631
Q2	83 889	53 529	137 418	112 757	35 791	148 548	–11 130
Q3	82 157	54 418	136 575	112 865	36 505	149 370	–12 795
Q4	83 491	61 140	144 631	115 368	37 104	152 472	–7 841
2016 Q1	81 650	58 795	140 445	116 206	36 780	152 986	–12 541
Q2	82 533	59 606	142 139	116 847	36 714	153 561	–11 422
Q3	78 549	59 876	138 425	121 275	34 343	155 618	–17 193
Q4	84 142	59 902	144 044	120 752	34 314	155 066	–11 022
Percentage change, latest year on previous year							
	KG9X	KH3B	KH2U	KG9W	KH44	KH3N	
2013	–0.7	3.8	1.1	2.9	5.2	3.4	
2014	1.4	1.5	1.5	2.5	2.6	2.5	
2015	7.2	4.5	6.1	5.4	5.7	5.5	
2016	–0.8	4.7	1.4	3.7	–1.5	2.5	
Percentage change, latest quarter on previous quarter							
	KGA2	KH3C	KH2V	KG9Z	KH45	KH3O	
2013 Q3	–2.0	–3.5	–2.6	–0.6	1.5	–0.1	
Q4	–2.5	0.4	–1.3	1.8	1.6	1.7	
2014 Q1	1.4	4.1	2.6	–2.3	6.8	–0.1	
Q2	1.0	–2.2	–0.3	1.5	–9.5	–1.3	
Q3	–0.5	–2.6	–1.3	1.1	1.1	1.1	
Q4	4.8	2.8	4.0	4.0	–1.1	2.8	
2015 Q1	0.5	7.1	3.2	3.7	5.4	4.1	
Q2	4.8	–8.3	–0.7	–3.7	2.4	–2.3	
Q3	–2.1	1.7	–0.6	0.1	2.0	0.6	
Q4	1.6	12.4	5.9	2.2	1.6	2.1	
2016 Q1	–2.2	–3.8	–2.9	0.7	–0.9	0.3	
Q2	1.1	1.4	1.2	0.6	–0.2	0.4	
Q3	–4.8	0.5	–2.6	3.8	–6.5	1.3	
Q4	7.1	–	4.1	–0.4	–0.1	–0.4	
Percentage change, latest quarter on corresponding quarter of previous year							
	KGA5	KH3D	KH2W	KGA4	KH46	KH3P	
2013 Q3	–2.0	3.4	0.1	2.8	6.8	3.7	
Q4	–	2.1	0.9	4.7	10.0	5.9	
2014 Q1	1.5	6.0	3.4	3.3	16.0	6.3	
Q2	–2.0	–1.4	–1.7	0.4	–0.4	0.2	
Q3	–0.5	–0.4	–0.5	2.1	–0.8	1.4	
Q4	6.9	2.0	4.8	4.3	–3.4	2.4	
2015 Q1	5.9	4.8	5.5	10.7	–4.6	6.8	
Q2	9.9	–1.7	5.1	5.1	7.9	5.7	
Q3	8.1	2.6	5.8	4.0	8.8	5.1	
Q4	4.9	12.1	7.8	2.2	11.9	4.4	
2016 Q1	2.0	0.7	1.5	–0.7	5.2	0.6	
Q2	–1.6	11.4	3.4	3.6	2.6	3.4	
Q3	–4.4	10.0	1.4	7.5	–5.9	4.2	
Q4	0.8	–2.0	–0.4	4.7	–7.5	1.7	

1 Trade balance is calculated by using exports of goods and services minus imports of goods and services

L Gross value added at basic prices: individual measures

	£ million				Index numbers (2013 = 100)				
		At current prices			Value indices at current prices		Chained volume indices		
	Expenditure-based estimate at chained volume measures	Expenditure-based estimate	Income-based estimate	Residual error [1]	Expenditure-based estimate	Income-based estimate	Expenditure-based estimate	Income-based estimate[2]	Output-based estimate
	CAGR	CAGQ	CAGS	DJDS	IHYA	IHYB	IHYC	IHYD	YBFR
2013	1 551 553	1 551 553	1 551 553	–	100.0	100.0	100.0	100.0	100.0
2014	1 604 169	1 624 276	1 624 276	–	104.7	104.7	103.4	103.4	103.4
2015	1 639 625	1 665 945	1 670 740	–4 795	107.4	107.7	105.7	106.0	106.0
2016	1 662 323	1 713 211	1 729 971	–16 760	110.4	111.5	107.1	108.2	108.7
Seasonally adjusted									
2013 Q3	388 721	390 569	390 569	–	100.7	100.7	100.2	100.2	100.2
Q4	390 771	391 799	391 799	–	101.0	101.0	100.7	100.7	100.7
2014 Q1	394 815	397 901	397 901	–	102.6	102.6	101.8	101.8	101.8
Q2	399 298	405 358	405 358	–	104.5	104.5	102.9	102.9	102.9
Q3	403 266	410 620	410 620	–	105.9	105.9	104.0	104.0	104.0
Q4	406 790	410 397	410 397	–	105.8	105.8	104.9	104.9	104.9
2015 Q1	407 297	412 992	413 728	–736	106.5	106.7	105.0	105.2	105.2
Q2	409 101	418 366	419 435	–1 069	107.9	108.1	105.5	105.7	105.7
Q3	410 331	417 107	418 329	–1 222	107.5	107.8	105.8	106.1	106.1
Q4	412 896	417 480	419 248	–1 768	107.6	108.1	106.4	106.9	106.9
2016 Q1	412 463	420 910	424 183	–3 273	108.5	109.4	106.3	107.2	107.5
Q2	414 474	427 036	431 128	–4 092	110.1	111.1	106.9	107.9	108.4
Q3	416 312	430 575	435 171	–4 596	111.0	112.2	107.3	108.5	109.1
Q4	419 074	434 690	439 489	–4 799	112.1	113.3	108.0	109.2	109.8
Percentage change, latest year on previous year									
	KH4D	KH47	KH68		KH47	KH68	KH4D	KH6E	GDPQ
2013	1.4	3.7	3.7		3.7	3.7	1.4	1.4	1.4
2014	3.4	4.7	4.7		4.7	4.7	3.4	3.4	3.4
2015	2.2	2.6	2.9		2.6	2.9	2.2	2.5	2.5
2016	1.4	2.8	3.5		2.8	3.5	1.4	2.1	2.6
Percentage change, latest quarter on previous quarter									
	KH4F	KH49	KH6A		KH49	KH6A	KH4F	KH6G	
2013 Q3	0.6	1.3	1.3		1.3	1.3	0.6	0.6	0.6
Q4	0.5	0.3	0.3		0.3	0.3	0.5	0.5	0.5
2014 Q1	1.0	1.6	1.6		1.6	1.6	1.0	1.0	1.0
Q2	1.1	1.9	1.9		1.9	1.9	1.1	1.1	1.1
Q3	1.0	1.3	1.3		1.3	1.3	1.0	1.0	1.0
Q4	0.9	–0.1	–0.1		–0.1	–0.1	0.9	0.9	0.9
2015 Q1	0.1	0.6	0.8		0.6	0.8	0.1	0.3	0.3
Q2	0.4	1.3	1.4		1.3	1.4	0.4	0.5	0.5
Q3	0.3	–0.3	–0.3		–0.3	–0.3	0.3	0.3	0.3
Q4	0.6	0.1	0.2		0.1	0.2	0.6	0.8	0.8
2016 Q1	–0.1	0.8	1.2		0.8	1.2	–0.1	0.2	0.5
Q2	0.5	1.5	1.6		1.5	1.6	0.5	0.7	0.8
Q3	0.4	0.8	0.9		0.8	0.9	0.4	0.6	0.6
Q4	0.7	1.0	1.0		1.0	1.0	0.7	0.7	0.7
Percentage change, latest quarter on corresponding quarter of previous year									
	KH4H	KH4B	KH6C		KH4B	KH6C	KH4H	KH6I	GDPR
2013 Q3	0.9	3.0	3.0		3.0	3.0	0.9	0.9	0.9
Q4	1.7	3.4	3.4		3.4	3.4	1.7	1.7	1.7
2014 Q1	2.4	3.7	3.7		3.7	3.7	2.4	2.4	2.4
Q2	3.3	5.1	5.1		5.1	5.1	3.3	3.3	3.3
Q3	3.7	5.1	5.1		5.1	5.1	3.7	3.7	3.7
Q4	4.1	4.7	4.7		4.7	4.7	4.1	4.1	4.1
2015 Q1	3.2	3.8	4.0		3.8	4.0	3.2	3.3	3.4
Q2	2.5	3.2	3.5		3.2	3.5	2.5	2.7	2.7
Q3	1.8	1.6	1.9		1.6	1.9	1.8	2.0	2.1
Q4	1.5	1.7	2.2		1.7	2.2	1.5	1.9	1.9
2016 Q1	1.3	1.9	2.5		1.9	2.5	1.3	1.9	2.2
Q2	1.3	2.1	2.8		2.1	2.8	1.3	2.0	2.5
Q3	1.5	3.2	4.0		3.2	4.0	1.5	2.2	2.8
Q4	1.5	4.1	4.8		4.1	4.8	1.5	2.2	2.7

1 The residual error is, by convention, the amount by which the expenditure -based approach to measuring GDP exceeds the income-based estimate. It is also the sum of two components: the statistical discrepancy (expenditure) with sign reversed, and the statistical discrepancy (income) with natural sign.

M Alignment adjustments

£ million

	Changes in inventories		
	At current prices	Chained volume measures (Reference year 2013)	Gross operating surplus of non-financial corporations at current prices
Seasonally adjusted			
	DMUN	DMUM	DMUQ
2013 Q3	–161	–161	705
Q4	266	266	–1 142
2014 Q1	–2 005	–1 983	–294
Q2	550	543	–740
Q3	–413	–401	1 455
Q4	1 868	1 841	–421
2015 Q1	1 115	1 096	–517
Q2	453	439	1 880
Q3	–2 047	–2 002	–34
Q4	479	467	–1 329
2016 Q1	–1 635	–1 583	–1 393
Q2	–1 107	–1 056	–177
Q3	1 298	1 255	–325
Q4	1 444	1 384	1 895

N Selected financial year variables [1,2]

£ millions except deflator index which is 2015/2016 = 100

	Current prices					Chained Volume Measures (reference year 2013)				
	Gross domestic product at market prices	Gross domestic product at market prices non seasonally adjusted	Gross value added at basic prices	General government final consumption expenditure	General government gross fixed capital formation	Gross domestic product at market prices	Gross value added at basic prices	General government final consumption expenditure	General government gross fixed capital formation	Implied GDP deflator at market prices[3,4]
	YBHA	BKTL	ABML	NMRP	RPZG	ABMI	ABMM	NMRY	DLWF	L8GG
2012/13	1 691 373	1 690 042	1 511 107	345 298	44 816	1 713 133	1 535 544	347 859	45 750	96.3213
2013/14	1 757 219	1 759 560	1 565 840	352 959	49 178	1 750 963	1 560 852	351 436	48 495	97.9098
2014/15	1 838 568	1 834 812	1 639 866	359 298	47 051	1 805 577	1 617 142	358 121	46 760	99.3479
2015/16	1 885 537	1 885 814	1 679 239	364 601	49 136	1 839 616	1 650 032	363 762	47 076	100.0000
Seasonally adjusted										
2013 Q3	438 341	434 143	390 569	87 027	11 371	436 560	388 721	87 235	11 553	97.9625
Q4	440 312	445 281	391 799	88 824	11 714	438 707	390 771	87 904	11 857	97.9214
2014 Q1	446 657	453 938	397 901	89 016	14 703	442 425	394 815	89 221	13 769	98.4977
Q2	454 849	449 736	405 358	89 072	11 255	446 519	399 298	89 395	10 946	99.3845
Q3	459 678	455 439	410 620	90 924	11 841	450 141	403 266	89 598	11 946	99.6315
Q4	461 296	463 367	410 397	89 517	11 732	453 891	406 790	89 376	11 874	99.1562
2015 Q1	462 745	466 270	413 491	89 785	12 223	455 026	407 788	89 752	11 994	99.2195
Q2	469 585	462 910	419 090	90 882	12 740	457 214	409 806	90 551	11 902	100.2043
Q3	469 289	466 894	417 935	91 576	12 098	458 456	411 140	91 058	11 708	99.8698
Q4	471 095	476 640	418 676	90 596	12 195	461 622	414 068	90 901	11 670	99.5666
2016 Q1	475 568	479 370	423 538	91 547	12 103	462 324	415 018	91 252	11 796	100.3593
Q2	483 178	479 301	430 433	92 133	12 234	465 012	417 743	91 311	11 654	101.3759
Q3	487 358	485 354	434 441	91 816	12 795	467 628	420 021	91 272	12 279	101.6808
Q4	494 094	496 173	438 709	92 406	13 091	470 929	422 905	91 464	12 189	102.3636
Percentage change, latest financial year on previous financial year										
2012/13	*3.5*	*3.4*	*3.8*	*1.2*	*–5.6*	*1.4*	*1.3*	*0.9*	*–7.5*	*2.1*
2013/14	*3.9*	*4.1*	*3.6*	*2.2*	*9.7*	*2.2*	*1.6*	*1.0*	*6.0*	*1.6*
2014/15	*4.6*	*4.3*	*4.7*	*1.8*	*–4.3*	*3.1*	*3.6*	*1.9*	*–3.6*	*1.5*
2015/16	*2.6*	*2.8*	*2.4*	*1.5*	*4.4*	*1.9*	*2.0*	*1.6*	*0.7*	*0.7*
Percentage change, latest quarter on previous quarter										
	IHYN	A8L9	KGL8	KH2D	KH7P	IHYQ	KGM9	KH2J	KH9C	L8GH
2013 Q3	1.5	1.9	1.3	–1.2	–0.2	0.8	0.6	0.2	2.1	0.7
Q4	0.4	2.6	0.3	2.1	3.0	0.5	0.5	0.8	2.6	–
2014 Q1	1.4	1.9	1.6	0.2	25.5	0.8	1.0	1.5	16.1	0.6
Q2	1.8	–0.9	1.9	0.1	–23.5	0.9	1.1	0.2	–20.5	0.9
Q3	1.1	1.3	1.3	2.1	5.2	0.8	1.0	0.2	9.1	0.2
Q4	0.4	1.7	–0.1	–1.5	–0.9	0.8	0.9	–0.2	–0.6	–0.5
2015 Q1	0.3	0.6	0.8	0.3	4.2	0.3	0.2	0.4	1.0	0.1
Q2	1.5	–0.7	1.4	1.2	4.2	0.5	0.5	0.9	–0.8	1.0
Q3	–0.1	0.9	–0.3	0.8	–5.0	0.3	0.3	0.6	–1.6	–0.3
Q4	0.4	2.1	0.2	–1.1	0.8	0.7	0.7	–0.2	–0.3	–0.3
2016 Q1	0.9	0.6	1.2	1.0	–0.8	0.2	0.2	0.4	1.1	0.8
Q2	1.6	–	1.6	0.6	1.1	0.6	0.7	0.1	–1.2	1.0
Q3	0.9	1.3	0.9	–0.3	4.6	0.6	0.5	–	5.4	0.3
Q4	1.4	2.2	1.0	0.6	2.3	0.7	0.7	0.2	–0.7	0.7
Percentage change, latest quarter on corresponding quarter of previous year										
	IHYO	A8LA	KGM2	KH2E	KH7R	IHYR	KGN3	KH2K	KH9M	L8GI
2013 Q3	3.5	3.7	3.0	0.6	7.1	1.7	0.9	0.4	3.7	1.7
Q4	3.6	3.8	3.4	2.1	7.4	2.4	1.7	0.9	5.0	1.2
2014 Q1	4.1	4.6	3.7	3.9	30.4	2.6	2.4	2.1	24.9	1.4
Q2	5.3	5.5	5.1	1.1	–1.2	3.1	3.3	2.7	–3.3	2.2
Q3	4.9	4.9	5.1	4.5	4.1	3.1	3.7	2.7	3.4	1.7
Q4	4.8	4.1	4.7	0.8	0.2	3.5	4.1	1.7	0.1	1.3
2015 Q1	3.6	2.7	3.9	0.9	–16.9	2.8	3.3	0.6	–12.9	0.7
Q2	3.2	2.9	3.4	2.0	13.2	2.4	2.6	1.3	8.7	0.8
Q3	2.1	2.5	1.8	0.7	2.2	1.8	2.0	1.6	–2.0	0.2
Q4	2.1	2.9	2.0	1.2	3.9	1.7	1.8	1.7	–1.7	0.4
2016 Q1	2.8	2.8	2.4	2.0	–1.0	1.6	1.8	1.7	–1.7	1.1
Q2	2.9	3.5	2.7	1.4	–4.0	1.7	1.9	0.8	–2.1	1.2
Q3	3.9	4.0	3.9	0.3	5.8	2.0	2.2	0.2	4.9	1.8
Q4	4.9	4.1	4.8	2.0	7.3	2.0	2.1	0.6	4.4	2.8

1 Financial year £ millions estimates are the sum of the 4 quarters which make up that financial year.
2 All data are seasonally adjusted unless otherwise specified.
3 Implied deflator is expressed in terms of 2015/2016 = 100 for presentational
4 Implied deflator is displayed with 4 decimal places to replace a GDP deflator in index form series previously calculated by HM Treasury. Data are only considered accurate to 1 decimal place.

O Selected implied deflators[1]

2016 = 100

	Implied deflators [2]		
	Gross national expenditure	Gross domestic product at market prices [3]	Gross value added at basic prices
	MNE2	MNF2	MNX5
2013	97.0228	96.1723	97.0243
2014	98.0793	97.7550	98.2411
2015	98.3074	98.2948	98.5855
2016	100.0000	100.0000	100.0000
Seasonally adjusted			
2013 Q3	97.3493	96.5671	97.4872
Q4	97.4754	96.5266	97.2812
2014 Q1	98.0622	97.0947	97.7843
Q2	98.1450	97.9690	98.4985
Q3	98.2124	98.2124	98.7953
Q4	97.8976	97.7438	97.8863
2015 Q1	97.7435	97.8063	98.3829
Q2	98.5421	98.7770	99.2240
Q3	98.3681	98.4473	98.6295
Q4	98.5760	98.1484	98.1057
2016 Q1	99.0779	98.9299	99.0178
Q2	99.9945	99.9319	99.9734
Q3	100.2785	100.2326	100.3570
Q4	100.6491	100.9056	100.6518
Percentage change, latest year on previous year			
	MNE3	MNF3	MNX6
2013	1.2	1.9	2.3
2014	1.1	1.6	1.3
2015	0.2	0.6	0.4
2016	1.7	1.7	1.4
Percentage change, latest quarter on previous quarter			
	MNE4	MNF4	MNX7
2013 Q3	0.5	0.7	0.7
Q4	0.1	–	–0.2
2014 Q1	0.6	0.6	0.5
Q2	0.1	0.9	0.7
Q3	0.1	0.2	0.3
Q4	–0.3	–0.5	–0.9
2015 Q1	–0.2	0.1	0.5
Q2	0.8	1.0	0.9
Q3	–0.2	–0.3	–0.6
Q4	0.2	–0.3	–0.5
2016 Q1	0.5	0.8	0.9
Q2	0.9	1.0	1.0
Q3	0.3	0.3	0.4
Q4	0.4	0.7	0.3
Percentage change, latest quarter on corresponding quarter of previous year			
	MNE5	MNF5	MNX8
2013 Q3	1.0	1.7	2.1
Q4	0.8	1.2	1.7
2014 Q1	1.7	1.4	1.3
Q2	1.4	2.2	1.8
Q3	0.9	1.7	1.3
Q4	0.4	1.3	0.6
2015 Q1	–0.3	0.7	0.6
Q2	0.4	0.8	0.7
Q3	0.2	0.2	–0.2
Q4	0.7	0.4	0.2
2016 Q1	1.4	1.1	0.6
Q2	1.5	1.2	0.8
Q3	1.9	1.8	1.8
Q4	2.1	2.8	2.6

1 Implied deflator is expressed in terms of 2016 = 100, whereas in table A1 it is expressed as 2013 = 100.
2 Data are only considered accurate to 1 decimal place.
3 Implied deflator is displayed with 4 decimal places to replace a GDP deflator in index form series previously calculated by HM Treasury.

P GDP Per Head[1]

£

	UK resident population mid-year estimates (persons thousands)[2]	Current Prices		Chained volume measures (Reference year 2013)	
		Gross domestic product at market prices[3]	Gross domestic product per head	Gross domestic product at market prices[3]	Gross domestic product per head
	EBAQ	YBHA	IHXT	ABMI	IHXW
2013	64 106	1 739 563	27 136	1 739 563	27 136
2014	64 597	1 822 480	28 213	1 792 976	27 756
2015	65 110	1 872 714	28 762	1 832 318	28 142
2016	65 572	1 940 198	29 589	1 865 893	28 456
Seasonally adjusted					
2013 Q3	64 228	438 341	6 825	436 560	6 797
Q4	64 351	440 312	6 842	438 707	6 817
2014 Q1	64 474	446 657	6 928	442 425	6 862
Q2	64 597	454 849	7 041	446 519	6 912
Q3	64 725	459 678	7 102	450 141	6 955
Q4	64 854	461 296	7 113	453 891	6 999
2015 Q1	64 982	462 745	7 121	455 026	7 002
Q2	65 110	469 585	7 212	457 214	7 022
Q3	65 226	469 289	7 195	458 456	7 029
Q4	65 341	471 095	7 210	461 622	7 065
2016 Q1	65 457	475 568	7 265	462 324	7 063
Q2	65 572	483 178	7 369	465 012	7 092
Q3	65 686	487 358	7 420	467 628	7 119
Q4	65 801	494 094	7 509	470 929	7 157
Percentage change, latest year on previous year					
		IHYM	N3Y3	IHYP	N3Y6
2013		3.9	3.2	1.9	1.3
2014		4.8	4.0	3.1	2.3
2015		2.8	1.9	2.2	1.4
2016		3.6	2.9	1.8	1.1
Percentage change, latest quarter on previous quarter					
		IHYN	N3Y4	IHYQ	N3Y7
2013 Q3		1.5	1.3	0.8	0.6
Q4		0.4	0.2	0.5	0.3
2014 Q1		1.4	1.3	0.8	0.7
Q2		1.8	1.6	0.9	0.7
Q3		1.1	0.9	0.8	0.6
Q4		0.4	0.2	0.8	0.6
2015 Q1		0.3	0.1	0.3	–
Q2		1.5	1.3	0.5	0.3
Q3		–0.1	–0.2	0.3	0.1
Q4		0.4	0.2	0.7	0.5
2016 Q1		0.9	0.8	0.2	–
Q2		1.6	1.4	0.6	0.4
Q3		0.9	0.7	0.6	0.4
Q4		1.4	1.2	0.7	0.5
Percentage change, latest quarter on corresponding quarter of previous year					
		IHYO	N3Y5	IHYR	N3Y8
2013 Q3		3.5	2.8	1.7	1.0
Q4		3.6	2.9	2.4	1.7
2014 Q1		4.1	3.4	2.6	1.9
Q2		5.3	4.5	3.1	2.3
Q3		4.9	4.1	3.1	2.3
Q4		4.8	4.0	3.5	2.7
2015 Q1		3.6	2.8	2.8	2.0
Q2		3.2	2.4	2.4	1.6
Q3		2.1	1.3	1.8	1.1
Q4		2.1	1.4	1.7	0.9
2016 Q1		2.8	2.0	1.6	0.9
Q2		2.9	2.2	1.7	1.0
Q3		3.9	3.1	2.0	1.3
Q4		4.9	4.1	2.0	1.3

1 This data uses the latest population estimates with the exception of the latest year where populations projections are used. The quarterly data in this table does not sum to annuals (excluding GDP at market prices)
2 This data uses the UK resident population mid-year estimates published 23 June 2016
3 GDP is presented in £ million; also published in table A2

R Revisions Analysis[1]
Revisions since previously published estimates

£ million

		2013	2014	2015	2016
Latest less previously published levels of GDP at current market prices					
National accounts aggregates at current prices (Table A2)					
Gross domestic product at market prices	KB7D	–	–	–	..
less Basic price adjustment	KB7E	–	–	–	..
Gross value added at basic prices	KB7F	–	–	–	..
Gross domestic product: expenditure at current prices (Table C1)					
National expenditure on goods and services at market prices					
Households	KB7K	–	–	–	..
Non-profit institutions serving households	KB7L	–	–	–	..
General government	KB7M	–	–	–	..
Gross fixed capital formation	KB7N	–	–	–	..
Changes in inventories	KB7O	–	–	–	..
Acquisitions less disposals of valuables	KB7P	–	–	–	..
Total	KB7Q	–	–	–	..
Total exports	KB7R	–	–	–	..
Total imports	KB7S	–	–	–	..
Statistical discrepancy (expenditure)	KB7T	–	–	–	..
Gross domestic product: income at current prices (Table D)					
Compensation of employees	KB7U	–	–	–	..
Gross operating surplus of corporations	KB7V	–	–	–	..
Other income	KB7W	–	–	–	..
Gross value added at factor cost	KB7X	–	–	–	..
Taxes on products & production less Subsidies	KB7Y	–	–	–	..
Statistical discrepancy (income)	KB7Z	–	–	–	..

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.

		2013	2014	2015	2016
Latest less previously published growth rates for GDP in chained volume terms					
Percentage changes in volume of GDP (Table A2)					
Gross domestic product chained volume measures					
Year on year growth	KB82	–	–	–	–0.2
Percentage changes in volume of GVA output components (Table B1)					
GVA at basic prices					
Agriculture, forestry and fishing	KB83	–	–	–	–2.7
Mining and quarrying inc oil & gas extraction	KB84	–	–	–	–1.4
Manufacturing	KB85	–	–	–	0.4
Electricity, gas, steam and air	KB86	–	–	–	0.2
Water supply, sewerage	KNT7	–	–	–	–
Total Production	KB87	–	–	–	0.1
Construction	KB88	–	–	–	0.1
Distribution, hotels and restaurants	KB89	–	–	–	0.2
Transport storage and communications	KB8A	–	–	–	0.7
Business services and finance	KB8B	–	–	–	–0.1
Government and other services	KB8C	–	–	–	0.1
Total services	KB8D	–	–	–	0.1
Total GVA	KB8E	–	–	–	–0.2
Total GVA excluding Oil	KB8F	–	–	–	0.4
Percentage changes in volume of GDP expenditure components (Table C2)					
National expenditure on goods and services at market prices					
Households	KB8G	–	–	–	..
Non-profit institutions serving households	KB8H	–	–	–	..
General government	KB8I	–	–	–	..
Gross fixed capital formation	KB8J	–	–	–	..
Total	KB8K	–	–	–	..
Total exports	KB8L	–	–	–	..
Total imports	KB8M	–	–	–	..

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree

R Revisions Analysis[1]
Revisions since previously published estimates

continued £ million

		2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3	2015 Q4	2016 Q1	2016 Q2	2016 Q3	2016 Q4
Latest less previously published levels of GDP at current market prices															
National accounts aggregates at current prices (Table A2)															
Gross domestic product at market prices	KB7D	–	–	–	–	–	–	–	–	–	–	–2 517	–793	–557	..
less Basic price adjustment	KB7E	–	–	–	–	–	–	–	–	–	–	–38	33	–54	..
Gross value added at basic prices	KB7F	–	–	–	–	–	–	–	–	–	–	–2 479	–826	–503	..
Gross domestic product: expenditure at current prices (Table C1)															
National expenditure on goods and services at market prices															
Households	KB7K	–	–	–	–	–	–	–	–	–	–	180	927	1 302	..
Non-profit institutions serving households	KB7L	–	–	–	–	–	–	–	–	–	–	–18	–2	–19	..
General government	KB7M	–	–	–	–	–	–	–	–	–	–	–85	–52	–295	..
Gross fixed capital formation	KB7N	–	–	–	–	–	–	–	–	–	–	85	–51	207	..
Changes in inventories	KB7O	–	–	–	–	–	–	–	–	–	–	–1 540	–1 062	–1 939	..
Acquisitions less disposals of valuables	KB7P	–	–	–	–	–	–	–	–	–	–	16	26	25	..
Total	KB7Q	–	–	–	–	–	–	–	–	–	–	–1 362	–214	–719	..
Total exports	KB7R	–	–	–	–	–	–	–	–	–	–	–584	–308	373	..
Total imports	KB7S	–	–	–	–	–	–	–	–	–	–	193	196	515	..
Statistical discrepancy (expenditure)	KB7T	–	–	–	–	–	–	–	–	–	–	–378	–75	304	..
Gross domestic product: income at current prices (Table D)															
Compensation of employees	KB7U	–	–	–	–	–	–	–	–	–	–	–322	–50	–114	..
Gross operating surplus of corporations	KB7V	–	–	–	–	–	–	–	–	–	–	–2 698	–1 853	–1 656	..
Other income	KB7W	–	–	–	–	–	–	–	–	–	–	–236	92	243	..
Gross value added at factor cost	KB7X	–	–	–	–	–	–	–	–	–	–	–3 256	–1 811	–1 527	..
Taxes on products & production less Subsidies	KB7Y	–	–	–	–	–	–	–	–	–	–	–67	38	–10	..
Statistical discrepancy (income)	KB7Z	–	–	–	–	–	–	–	–	–	–	806	980	980	..

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree.

		2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3	2015 Q4	2016 Q1	2016 Q2	2016 Q3	2016 Q4
Latest less previously published growth rates for GDP in chained volume terms															
Percentage changes in volume of GDP (Table A2)															
Gross domestic product chained volume measures															
Quarter on quarter growth	KB82	–	–	–	–	–	–	–	–	–	–	–0.1	–	–	0.1
Quarter on same quarter a year earlier	KB94	–	–	–	–	–	–	–	–	–	–	–0.2	–0.3	–0.2	–0.2
Percentage changes in volume of GVA output components (Table B1)															
GVA at basic prices quarter on quarter growth															
Agriculture, forestry and fishing	KB83	–	–	–	–	–	–	–	–	–	–	–3.2	–0.1	0.7	0.6
Mining and quarrying inc oil & gas extraction	KB84	–	–	–	–	–	–	–	–	–	–	–1.0	–0.5	0.2	–0.1
Manufacturing	KB85	–	–	–	–	–	–	–	–	–	–	0.1	0.2	–	0.5
Electricity, gas, steam and air	KB86	–	–	–	–	–	–	–	–	–	–	–0.1	0.8	–0.2	–0.8
Water supply, sewerage	KNT7	–	–	–	–	–	–	–	–	–	–	0.1	–0.3	–	0.3
Total Production	KB87	–	–	–	–	–	–	–	–	–	–	–	0.1	–	0.3
Construction	KB88	–	–	–	–	–	–	–	–	–	–	–	–	–	0.1
Distribution, hotels and restaurants	KB89	–	–	–	–	–	–	–	–	–	–	–	0.1	0.1	0.3
Transport storage and communications	KB8A	–	–	–	–	–	–	–	–	–	–	0.3	0.2	0.1	0.7
Business services and finance	KB8B	–	–	–	–	–	–	–	–	–	–	–	–	–0.1	–0.4
Government and other services	KB8C	–	–	–	–	–	–	–	–	–	–	0.1	–	–	–
Total services	KB8D	–	–	–	–	–	–	–	–	–	–	0.1	–	–	–
Total GVA	KB8E	–	–	–	–	–	–	–	–	–	–	–0.1	–	–0.1	0.1
Total GVA excluding Oil	KB8F	–	–	–	–	–	–	–	–	–	–	0.3	0.1	–	0.1
Percentage changes in volume of GDP expenditure components (Table C2)															
National expenditure on goods and services at market prices quarter on quarter growth															
Households	KB8G	–	–	–	–	–	–	–	–	–	–	0.2	0.1	0.2	..
Non-profit institutions serving households	KB8H	–	–	–	–	–	–	–	–	–	–	–0.2	–1.5	0.1	..
General government	KB8I	–	–	–	–	–	–	–	–	–	–	–0.1	0.2	–	..
Gross fixed capital formation	KB8J	–	–	–	–	–	–	–	–	–	–	0.6	–1.3	–	..
Total	KB8K	–	–	–	–	–	–	–	–	–	–	–	–0.1	–0.1	..
Total exports	KB8L	–	–	–	–	–	–	–	–	–	–	–0.2	–0.2	–	..
Total imports	KB8M	–	–	–	–	–	–	–	–	–	–	–	–	–0.1	..

1 Estimates are given to the nearest £ million but cannot be regarded as accurate to this degree

AA Annex A - Growth and contributions to growth - output components of GDP[1] Chained Volume Measures

Seasonally adjusted data — Reference year 2013

	Agri-culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & gas extract	Manu-facturing	Electric, gas, steam & air	Water supply, sewerage	Constr uction	Total Services	Distri-bution, hotels & catering	Transport storage and commu-nications	Business services and finance	Govern-ment and other services
Percentage change, latest year on previous year												
Growth												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2014	13.9	1.5	0.6	2.9	–6.0	0.7	8.0	3.3	4.8	3.0	3.9	1.7
2015	1.2	1.2	8.4	–0.2	0.5	3.4	4.9	2.6	4.5	3.7	2.9	0.5
2016	–3.3	1.2	0.9	0.7	1.6	6.0	1.5	2.9	5.1	3.7	2.7	1.6
Contributions to growth[2,3]												
	ZZ3V	ZZ3W	ZZ3Y	ZZ3X	ZZ3Z	ZZ42	ZZ43	ZZ44	ZZ45	ZZ46	ZZ47	ZZ48
2014	0.1	0.2	–	0.3	–0.1	–	0.5	2.6	0.7	0.3	1.2	0.4
2015	–	0.2	0.1	–	–	–	0.3	2.0	0.6	0.4	0.9	0.1
2016	–	0.2	–	0.1	–	0.1	0.1	2.3	0.7	0.4	0.9	0.4
Percentage change, latest quarter on previous quarter												
Growth												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2014 Q2	1.8	0.3	0.4	0.6	0.6	–3.0	1.9	1.2	1.6	1.8	1.3	0.7
Q3	2.0	0.2	–2.0	0.3	3.3	–0.7	2.5	1.0	1.1	1.6	1.2	0.4
Q4	2.6	0.3	1.4	0.3	–2.1	1.3	0.3	1.0	1.6	1.2	1.5	–0.1
2015 Q1	–3.1	0.4	1.8	–0.1	2.1	0.5	2.7	0.1	0.9	0.3	0.2	–0.5
Q2	1.0	0.6	8.1	–0.5	–2.5	4.0	0.6	0.5	0.9	0.9	0.2	0.5
Q3	0.5	0.1	1.7	–0.4	1.4	–	–0.9	0.5	0.8	0.5	0.5	0.2
Q4	0.3	–0.4	–2.3	0.1	–2.2	0.5	1.0	1.0	1.2	1.2	0.9	0.7
2016 Q1	–3.4	–0.2	–2.2	–0.3	0.7	2.6	1.1	0.7	1.6	0.2	0.6	0.5
Q2	–1.2	2.2	2.3	1.8	5.4	2.0	0.5	0.6	1.0	0.6	0.8	0.1
Q3	–	–0.4	4.5	–0.8	–4.4	–0.1	–0.8	1.0	1.2	2.7	0.7	0.4
Q4	1.0	0.3	–7.0	1.2	3.1	2.0	0.2	0.8	2.0	1.0	0.5	0.4
Contributions to growth[2,3]												
	ZZ2F	ZZ2G	ZZ2I	ZZ2H	ZZ2J	ZZ2K	ZZ2L	ZZ2M	ZZ2N	ZZ2O	ZZ2P	ZZ2Q
2014 Q2	–	–	–	0.1	–	–	0.1	1.0	0.2	0.2	0.4	0.2
Q3	–	–	–	–	–	–	0.2	0.8	0.1	0.2	0.4	0.1
Q4	–	–	–	–	–	–	–	0.8	0.2	0.1	0.5	–
2015 Q1	–	0.1	–	–	–	–	0.2	0.1	0.1	–	0.1	–0.1
Q2	–	0.1	0.1	–0.1	–	–	–	0.4	0.1	0.1	0.1	0.1
Q3	–	–	–	–	–	–	–0.1	0.4	0.1	0.1	0.2	–
Q4	–	–0.1	–	–	–	–	0.1	0.8	0.2	0.1	0.3	0.2
2016 Q1	–	–	–	–	–	–	0.1	0.5	0.2	–	0.2	0.1
Q2	–	0.3	–	0.2	0.1	–	–	0.5	0.1	0.1	0.3	–
Q3	–	–0.1	0.1	–0.1	–0.1	–	–0.1	0.8	0.2	0.3	0.2	0.1
Q4	–	–	–0.1	0.1	–	–	–	0.6	0.3	0.1	0.1	0.1
Percentage change, latest quarter on corresponding quarter of previous year												
Growth												
	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KII2	KIH9	KIH8
2014 Q2	13.9	1.5	2.1	2.9	–8.8	1.9	8.5	3.1	4.5	2.3	3.8	1.9
Q3	13.9	1.4	–2.4	2.9	–0.2	–3.3	8.2	3.7	4.6	4.4	4.2	2.4
Q4	15.3	1.3	–0.3	2.8	–3.8	–2.5	7.1	4.3	5.9	5.5	4.9	1.9
2015 Q1	3.2	1.2	1.6	1.1	3.8	–1.9	7.5	3.4	5.3	5.0	4.2	0.6
Q2	2.4	1.5	9.3	–0.1	0.6	5.1	6.2	2.7	4.5	4.1	3.1	0.3
Q3	0.8	1.3	13.4	–0.8	–1.2	5.8	2.7	2.1	4.2	2.9	2.4	0.1
Q4	–1.5	0.7	9.3	–0.9	–1.3	4.9	3.4	2.1	3.8	2.9	1.9	0.9
2016 Q1	–1.7	0.1	5.0	–1.1	–2.6	7.1	1.7	2.6	4.6	2.9	2.2	1.9
Q2	–3.8	1.7	–0.6	1.2	5.2	5.2	1.6	2.8	4.6	2.6	2.9	1.5
Q3	–4.2	1.2	2.1	0.8	–0.8	5.1	1.6	3.3	5.1	4.8	3.1	1.7
Q4	–3.6	1.9	–2.9	1.9	4.5	6.7	0.9	3.1	5.9	4.5	2.6	1.4
Contributions to growth[2,3]												
	ZZ36	ZZ37	ZZ39	ZZ38	ZZ3A	ZZ3B	ZZ3C	ZZ3D	ZZ3E	ZZ3F	ZZ3G	ZZ3H
2014 Q2	0.1	0.2	–	0.3	–0.1	–	0.5	2.5	0.6	0.2	1.2	0.4
Q3	0.1	0.2	–	0.3	–	–	0.5	2.9	0.6	0.5	1.3	0.5
Q4	0.1	0.2	–	0.3	–0.1	–	0.4	3.4	0.8	0.6	1.6	0.4
2015 Q1	–	0.2	–	0.1	0.1	–	0.5	2.7	0.7	0.5	1.3	0.1
Q2	–	0.2	0.2	–	–	0.1	0.4	2.1	0.6	0.4	1.0	0.1
Q3	–	0.2	0.2	–0.1	–	0.1	0.2	1.7	0.6	0.3	0.8	–
Q4	–	0.1	0.2	–0.1	–	0.1	0.2	1.6	0.5	0.3	0.6	0.2
2016 Q1	–	–	0.1	–0.1	–	0.1	0.1	2.1	0.6	0.3	0.7	0.4
Q2	–	0.2	–	0.1	0.1	0.1	0.1	2.2	0.7	0.3	0.9	0.3
Q3	–	0.2	–	0.1	–	0.1	0.1	2.6	0.7	0.5	1.0	0.4
Q4	–	0.3	–0.1	0.2	0.1	0.1	0.1	2.5	0.8	0.5	0.8	0.3

1 Estimates are accurate to 1 decimal place
2 Contribution estimates are estimated using average GVA. This approach takes into account income, expenditure and output data, therefore these contributions will not necessarily sum to output GVA.
3 Contributions may not sum due to rounding

AB Annex B - Growth and contributions to growth - expenditure components of GDP[1]
Chained Volume Measures

Seasonally adjusted data Reference year 2013

	Final consumption expenditure								
	House-holds	Non-prof-it instit-utions	General govern-ment	Gross capital formation	Gross fixed capital formation	Business investme-nt	Total exports	less Total imports	Net trade
Percentage change, latest year on previous year									
Growth									
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N	
2014	2.1	2.7	2.3	9.4	6.7	3.9	1.5	2.5	
2015	2.5	0.8	1.3	1.1	3.4	5.1	6.1	5.5	
2016	3.1	1.5	0.8	–2.6	0.5	–1.5	1.4	2.5	
Contributions to growth[2]									
	ZZ6M	ZZ6N	ZZ6O	ZZ6P	ZZ6Q	ZZ6R	ZZ6S	ZZ6T	ZZ6U
2014	1.3	0.1	0.5	1.6	1.1	0.4	0.4	0.8	–0.4
2015	1.5	–	0.3	0.2	0.6	0.5	1.8	1.8	–
2016	1.9	–	0.2	–0.5	0.1	–0.1	0.4	0.8	–0.4
Percentage change, latest quarter on previous quarter									
Growth									
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O	
2014 Q2	0.4	2.1	0.2	1.5	–1.6	6.0	–0.3	–1.3	
Q3	1.4	–0.5	0.2	3.9	1.4	–1.3	–1.3	1.1	
Q4	–0.1	–0.6	–0.2	4.1	0.7	1.9	4.0	2.8	
2015 Q1	0.7	1.1	0.4	–0.2	1.5	2.7	3.2	4.1	
Q2	0.5	0.8	0.9	–3.3	1.2	–0.3	–0.7	–2.3	
Q3	1.1	–1.9	0.6	–0.7	0.8	1.9	–0.6	0.6	
Q4	0.4	0.7	–0.2	–4.0	–0.9	–2.4	5.9	2.1	
2016 Q1	0.9	1.6	0.4	1.3	0.1	–1.1	–2.9	0.3	
Q2	0.8	0.2	0.1	–1.9	–0.2	0.6	1.2	0.4	
Q3	0.9	–0.3	–	7.2	0.9	0.7	–2.6	1.3	
Q4	0.7	0.7	0.2	–6.6	–	–1.0	4.1	–0.4	
Contributions to growth[2]									
	ZZ5M	ZZ5N	ZZ5O	ZZ5P	ZZ5Q	ZZ5R	ZZ5S	ZZ5T	ZZ5U
2014 Q2	0.2	0.1	–	0.3	–0.3	0.5	–0.1	–0.4	0.3
Q3	0.9	–	–	0.7	0.2	–0.1	–0.4	0.4	–0.7
Q4	–0.1	–	–	0.7	0.1	0.2	1.1	0.9	0.3
2015 Q1	0.5	–	0.1	–	0.2	0.3	0.9	1.3	–0.4
Q2	0.3	–	0.2	–0.6	0.2	–	–0.2	–0.8	0.5
Q3	0.7	–0.1	0.1	–0.1	0.1	0.2	–0.2	0.2	–0.4
Q4	0.2	–	–	–0.7	–0.2	–0.2	1.8	0.7	1.1
2016 Q1	0.5	–	0.1	0.2	–	–0.1	–0.9	0.1	–1.0
Q2	0.5	–	–	–0.3	–	0.1	0.4	0.1	0.2
Q3	0.5	–	–	1.2	0.2	0.1	–0.8	0.4	–1.2
Q4	0.4	–	–	–1.1	–	–0.1	1.2	–0.1	1.3
Percentage change, latest quarter on corresponding quarter of previous year									
Growth									
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P	
2014 Q2	2.1	3.6	2.7	10.5	7.4	7.9	–1.7	0.2	
Q3	2.7	2.5	2.7	8.4	5.3	2.9	–0.5	1.4	
Q4	1.8	2.6	1.7	7.5	3.3	3.0	4.8	2.4	
2015 Q1	2.4	2.1	0.6	9.4	2.0	9.5	5.5	6.8	
Q2	2.5	0.8	1.3	4.3	4.9	3.0	5.1	5.7	
Q3	2.2	–0.5	1.6	–0.4	4.3	6.3	5.8	5.1	
Q4	2.7	0.7	1.7	–8.1	2.6	1.9	7.8	4.4	
2016 Q1	2.9	1.1	1.7	–6.7	1.2	–1.8	1.5	0.6	
Q2	3.2	0.5	0.8	–5.3	–0.2	–1.0	3.4	3.4	
Q3	2.9	2.1	0.2	2.3	–	–2.3	1.4	4.2	
Q4	3.2	2.2	0.6	–0.4	0.9	–0.9	–0.4	1.7	
Contributions to growth[2]									
	ZZ65	ZZ66	ZZ67	ZZ68	ZZ69	ZZ6A	ZZ6B	ZZ6C	ZZ6D
2014 Q2	1.3	0.1	0.5	1.7	1.2	0.7	–0.5	0.1	–0.6
Q3	1.7	0.1	0.5	1.4	0.9	0.3	–0.1	0.5	–0.6
Q4	1.1	0.1	0.3	1.3	0.5	0.3	1.4	0.8	0.6
2015 Q1	1.5	0.1	0.1	1.6	0.3	0.9	1.6	2.2	–0.6
Q2	1.5	–	0.3	0.7	0.8	0.3	1.5	1.8	–0.3
Q3	1.4	–	0.3	–0.1	0.7	0.6	1.7	1.6	0.1
Q4	1.7	–	0.3	–1.5	0.4	0.2	2.3	1.4	0.9
2016 Q1	1.8	–	0.3	–1.2	0.2	–0.2	0.4	0.2	0.2
Q2	2.0	–	0.2	–0.9	–	–0.1	1.0	1.1	–0.1
Q3	1.8	0.1	–	0.4	–	–0.2	0.4	1.4	–1.0
Q4	2.0	0.1	0.1	–0.1	0.1	–0.1	–0.1	0.6	–0.7

1 Estimates are accurate to 1 decimal place
2 Components of contributions may not sum due to rounding

AC Annex C - Growth and contributions to growth - income components of GDP[1]
Current Prices
Seasonally adjusted data

	Compen-sation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
Percentage change, latest year on previous year				
Growth				
	KGI3	KH4V	KH6T	KH65
2014	2.3	8.0	8.0	5.0
2015	3.2	1.2	3.9	3.0
2016	3.7	2.4	4.9	4.0
Contributions to growth[2]				
	ZZ7H	ZZ7I	ZZ7J	ZZ7K
2014	1.2	1.7	1.3	0.6
2015	1.6	0.2	0.6	0.4
2016	1.9	0.5	0.8	0.5
Percentage change, latest quarter on previous quarter				
Growth				
	KGI4	KH4W	KH6U	KH66
2014 Q2	0.2	5.2	3.0	1.3
Q3	1.0	2.6	0.5	–0.7
Q4	1.3	–3.7	0.9	3.3
2015 Q1	0.5	1.8	0.3	–2.6
Q2	0.8	2.5	1.5	2.5
Q3	0.9	–3.7	0.8	1.7
Q4	0.5	–1.1	1.2	1.7
2016 Q1	0.3	3.2	1.3	–0.7
Q2	2.3	0.2	1.9	1.1
Q3	1.3	–	1.1	0.2
Q4	0.1	4.5	–0.2	3.8
Contributions to growth[2]				
	ZZ6Z	ZZ72	ZZ73	ZZ74
2014 Q2	0.1	1.1	0.5	0.2
Q3	0.5	0.6	0.1	–0.1
Q4	0.6	–0.8	0.2	0.4
2015 Q1	0.3	0.4	0.1	–0.3
Q2	0.4	0.5	0.3	0.3
Q3	0.4	–0.8	0.1	0.2
Q4	0.2	–0.2	0.2	0.2
2016 Q1	0.2	0.7	0.2	–0.1
Q2	1.1	–	0.3	0.1
Q3	0.7	–	0.2	–
Q4	–	0.9	–	0.5
Percentage change, latest quarter on corresponding quarter of previous year				
Growth				
	KGI5	KH4X	KH6V	KH67
2014 Q2	0.9	13.0	8.8	6.3
Q3	2.1	9.8	8.9	2.6
Q4	2.8	7.0	8.1	4.5
2015 Q1	3.0	5.8	4.7	1.2
Q2	3.6	3.1	3.3	2.4
Q3	3.5	–3.3	3.6	4.9
Q4	2.7	–0.6	3.9	3.3
2016 Q1	2.5	0.8	4.9	5.3
Q2	4.0	–1.5	5.2	3.9
Q3	4.4	2.3	5.5	2.3
Q4	4.0	8.1	4.1	4.4
Contributions to growth[2]				
	ZZ79	ZZ7A	ZZ7B	ZZ7C
2014 Q2	0.5	2.6	1.4	0.8
Q3	1.0	2.1	1.4	0.3
Q4	1.4	1.5	1.3	0.6
2015 Q1	1.5	1.2	0.8	0.1
Q2	1.8	0.7	0.6	0.3
Q3	1.7	–0.7	0.6	0.6
Q4	1.3	–0.1	0.7	0.4
2016 Q1	1.2	0.2	0.8	0.6
Q2	2.0	–0.3	0.9	0.5
Q3	2.2	0.5	0.9	0.3
Q4	2.0	1.7	0.7	0.6

1 Estimates are accurate to 1 decimal place
2 Components to contributions may not sum due to rounding

AD Annex D - Implied GDP deflator growths- Expenditure components of GDP[1]

Seasonally adjusted data

Reference year 2013

	Final consumption expenditure						
	House-holds	Non-prof-it instit-utions	General govern-ment	Gross captial formation	Gross fixed capital formation	Total exports	less Total imports
Percentage change, latest year on previous year							
	ZZ93	ZZ94	ZZ95	ZZ96	ZZ97	ZZ98	ZZ99
2014	1.7	1.2	0.3	–0.2	1.2	–2.6	–4.0
2015	0.2	1.8	–0.1	0.3	1.3	–4.7	–5.3
2016	1.2	0.8	0.6	5.1	1.4	3.8	3.7
Percentage change, latest quarter on previous quarter							
	ZZ8N	ZZ8O	ZZ8P	ZZ8Q	ZZ8R	ZZ8S	ZZ8T
2014 Q2	0.4	–1.2	–0.1	–0.7	–0.5	2.3	–0.6
Q3	0.6	1.3	1.8	–3.8	–0.5	–0.1	–0.6
Q4	0.1	1.3	–1.3	–0.7	0.1	–1.1	–0.5
2015 Q1	–0.2	–0.6	–0.1	0.1	0.9	–2.6	–3.0
Q2	–0.1	–0.2	0.3	4.7	1.5	–0.1	–0.8
Q3	–	2.4	0.2	–1.5	–0.9	–2.3	–1.6
Q4	0.5	–	–0.9	0.6	–	–2.4	–0.8
2016 Q1	0.2	–0.8	0.7	1.6	–0.1	2.0	1.3
Q2	0.4	0.3	0.6	3.6	1.5	3.3	2.7
Q3	0.5	0.5	–0.3	–	0.4	3.3	3.3
Q4	0.6	–0.2	0.4	–0.3	0.7	2.5	1.2
Percentage change, latest quarter on corresponding quarter of previous year							
	ZZ8U	ZZ8V	ZZ8W	ZZ8X	ZZ8Y	ZZ8Z	ZZ92
2014 Q2	1.8	0.5	–1.5	3.4	1.1	–1.3	–3.7
Q3	1.7	1.2	1.7	–3.0	0.7	–2.2	–4.6
Q4	1.6	0.7	–0.9	–2.2	0.7	–1.7	–4.1
2015 Q1	0.8	0.7	0.3	–5.0	–	–1.5	–4.7
Q2	0.3	1.8	0.7	0.2	2.0	–3.8	–4.9
Q3	–0.3	2.9	–0.9	2.5	1.7	–5.9	–5.7
Q4	0.1	1.6	–0.5	3.8	1.6	–7.2	–6.1
2016 Q1	0.6	1.4	0.3	5.3	0.6	–2.8	–1.9
Q2	1.0	1.9	0.5	4.2	0.6	0.4	1.6
Q3	1.6	–	–	5.8	1.8	6.2	6.6
Q4	1.7	–0.1	1.4	4.9	2.5	11.6	8.8

1 Estimates accurate to 1 decimal place

AE Annex E - Output components of GDP- growths and revisions from previous estimate[1,2], Chained Volume Measures

Seasonally adjusted data Reference year 2013

	Agri-culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & gas extract	Manu-facturing	Electric, gas, steam & air	Water supply, sewerage	Constr-uction	Total Services	Distri-bution, hotels & catering	Transport, storage and commu-nications	Business services and finance	Govern-ment & other services
Percentage change, latest year on previous year												
Current estimates[3]												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2014	13.9	1.5	0.6	2.9	–6.0	0.7	8.0	3.3	4.8	3.0	3.9	1.7
2015	1.2	1.2	8.4	–0.2	0.5	3.4	4.9	2.6	4.5	3.7	2.9	0.5
2016	–3.3	1.2	0.9	0.7	1.6	6.0	1.5	2.9	5.1	3.7	2.7	1.6
Previous estimates[2]												
	A2EQ	A2ER	A2ET	A2ES	A2EU	A2EV	A2EW	A2EY	A2F2	A2F3	A2F4	A2F5
2014	13.9	1.5	0.6	2.9	–6.0	0.7	8.0	3.3	4.8	3.0	3.9	1.7
2015	1.2	1.2	8.4	–0.2	0.5	3.4	4.9	2.6	4.5	3.7	2.9	0.5
2016	–0.6	1.1	2.3	0.3	1.4	6.0	1.4	2.8	4.9	3.0	2.8	1.5
Revisions												
	ZZ52	ZZ53	ZZ55	ZZ54	ZZ56	ZZ57	ZZ58	ZZ59	ZZ5A	ZZ5B	ZZ5C	ZZ5D
2014	–	–	–	–	–	–	–	–	–	–	–	–
2015	–	–	–	–	–	–	–	–	–	–	–	–
2016	–2.7	0.1	–1.4	0.4	0.2	–	0.1	0.1	0.2	0.7	–0.1	0.1
Percentage change, latest quarter on previous quarter												
Current estimates[3]												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2014 Q2	1.8	0.3	0.4	0.6	0.6	–3.0	1.9	1.2	1.6	1.8	1.3	0.7
Q3	2.0	0.2	–2.0	0.3	3.3	–0.7	2.5	1.0	1.1	1.6	1.2	0.4
Q4	2.6	0.3	1.4	0.3	–2.1	1.3	0.3	1.0	1.6	1.2	1.5	–0.1
2015 Q1	–3.1	0.4	1.8	–0.1	2.1	0.5	2.7	0.1	0.9	0.3	0.2	–0.5
Q2	1.0	0.6	8.1	–0.5	–2.5	4.0	0.6	0.5	0.9	0.9	0.2	0.5
Q3	0.5	0.1	1.7	–0.4	1.4	–	–0.9	0.5	0.8	0.5	0.5	0.2
Q4	0.3	–0.4	–2.3	0.1	–2.2	0.5	1.0	1.0	1.2	1.2	0.9	0.7
2016 Q1	–3.4	–0.2	–2.2	–0.3	0.7	2.6	1.1	0.7	1.6	0.2	0.6	0.5
Q2	–1.2	2.2	2.3	1.8	5.4	2.0	0.5	0.6	1.0	0.6	0.8	0.1
Q3	–	–0.4	4.5	–0.8	–4.4	–0.1	–0.8	1.0	1.2	2.7	0.7	0.4
Q4	1.0	0.3	–7.0	1.2	3.1	2.0	0.2	0.8	2.0	1.0	0.5	0.4
Previous estimates[2]												
	A2CX	A2CY	A2DO	A2DL	A2DR	A2DS	A2DT	A2DU	A2DV	A2DW	A2DX	A2DY
2014 Q2	1.8	0.3	0.4	0.6	0.6	–3.0	1.9	1.2	1.6	1.8	1.3	0.7
Q3	2.0	0.2	–2.0	0.3	3.3	–0.7	2.5	1.0	1.1	1.6	1.2	0.4
Q4	2.6	0.3	1.4	0.3	–2.1	1.3	0.3	1.0	1.6	1.2	1.5	–0.1
2015 Q1	–3.1	0.4	1.8	–0.1	2.1	0.5	2.7	0.1	0.9	0.3	0.2	–0.5
Q2	1.0	0.6	8.1	–0.5	–2.5	4.0	0.6	0.5	0.9	0.9	0.2	0.5
Q3	0.5	0.1	1.7	–0.4	1.4	–	–0.9	0.5	0.8	0.5	0.5	0.2
Q4	0.3	–0.4	–2.3	0.1	–2.2	0.5	1.0	1.0	1.2	1.2	0.9	0.7
2016 Q1	–0.2	–0.2	–1.2	–0.4	0.8	2.5	1.1	0.6	1.6	–0.1	0.6	0.4
Q2	–1.1	2.1	2.8	1.6	4.6	2.3	0.5	0.6	0.9	0.4	0.8	0.1
Q3	–0.7	–0.4	4.3	–0.8	–4.2	–0.1	–0.8	1.0	1.1	2.6	0.8	0.4
Q4	0.4	–	–6.9	0.7	3.9	1.7	0.1	0.8	1.7	0.3	0.9	0.4
Revisions												
	ZZ4A	ZZ4B	ZZ4D	ZZ4C	ZZ4E	ZZ4F	ZZ4G	ZZ4H	ZZ4I	ZZ4J	ZZ4K	ZZ4L
2014 Q2	–	–	–	–	–	–	–	–	–	–	–	–
Q3	–	–	–	–	–	–	–	–	–	–	–	–
Q4	–	–	–	–	–	–	–	–	–	–	–	–
2015 Q1	–	–	–	–	–	–	–	–	–	–	–	–
Q2	–	–	–	–	–	–	–	–	–	–	–	–
Q3	–	–	–	–	–	–	–	–	–	–	–	–
Q4	–	–	–	–	–	–	–	–	–	–	–	–
2016 Q1	–3.2	–	–1.0	0.1	–0.1	0.1	–	0.1	–	0.3	–	0.1
Q2	–0.1	0.1	–0.5	0.2	0.8	–0.3	–	–	0.1	0.2	–	–
Q3	0.7	–	0.2	–	–0.2	–	–	–	0.1	0.1	–0.1	–
Q4	0.6	0.3	–0.1	0.5	–0.8	0.3	0.1	–	0.3	0.7	–0.4	–

1 Estimates are accurate to 1 decimal place
2 Previous estimate refers to estimates from the Preliminary Estimate of GDP
3 Current estimate refers to the estimates released within this publication (Second Estimate of GDP)

AE Annex E - Output components of GDP- growths and revisions from previous estimate[1,2], Chained Volume Measures

continued

Seasonally adjusted data Reference year 2013

	Agri-culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & gas extract	Manu-facturing	Electric, gas, steam & air	Water supply, sewerage	Constr-uction	Total Services	Distri-bution, hotels & catering	Transport, storage and commu-nications	Business services and finance	Govern-ment & other services
Percentage growths, latest quarter on corresponding quarter of previous year												
Current estimates[3]												
	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KII2	KIH9	KIH8
2014 Q2	13.9	1.5	2.1	2.9	–8.8	1.9	8.5	3.1	4.5	2.3	3.8	1.9
Q3	13.9	1.4	–2.4	2.9	–0.2	–3.3	8.2	3.7	4.6	4.4	4.2	2.4
Q4	15.3	1.3	–0.3	2.8	–3.8	–2.5	7.1	4.3	5.9	5.5	4.9	1.9
2015 Q1	3.2	1.2	1.6	1.1	3.8	–1.9	7.5	3.4	5.3	5.0	4.2	0.6
Q2	2.4	1.5	9.3	–0.1	0.6	5.1	6.2	2.7	4.5	4.1	3.1	0.3
Q3	0.8	1.3	13.4	–0.8	–1.2	5.8	2.7	2.1	4.2	2.9	2.4	0.1
Q4	–1.5	0.7	9.3	–0.9	–1.3	4.9	3.4	2.1	3.8	2.9	1.9	0.9
2016 Q1	–1.7	0.1	5.0	–1.1	–2.6	7.1	1.7	2.6	4.6	2.9	2.2	1.9
Q2	–3.8	1.7	–0.6	1.2	5.2	5.2	1.6	2.8	4.6	2.6	2.9	1.5
Q3	–4.2	1.2	2.1	0.8	–0.8	5.1	1.6	3.3	5.1	4.8	3.1	1.7
Q4	–3.6	1.9	–2.9	1.9	4.5	6.7	0.9	3.1	5.9	4.5	2.6	1.4
Previous estimates[2]												
	A2DZ	A2E2	A2E4	A2E3	A2E5	A2EE	A2EK	A2EL	A2EM	A2EN	A2EO	A2EP
2014 Q2	13.9	1.5	2.1	2.9	–8.8	1.9	8.5	3.1	4.5	2.3	3.8	1.9
Q3	13.9	1.4	–2.4	2.9	–0.2	–3.3	8.2	3.7	4.6	4.4	4.2	2.4
Q4	15.3	1.3	–0.3	2.8	–3.8	–2.5	7.1	4.3	5.9	5.5	4.9	1.9
2015 Q1	3.2	1.2	1.6	1.1	3.8	–1.9	7.5	3.4	5.3	5.0	4.2	0.6
Q2	2.4	1.5	9.3	–0.1	0.6	5.1	6.2	2.7	4.5	4.1	3.1	0.3
Q3	0.8	1.3	13.4	–0.8	–1.2	5.8	2.7	2.1	4.2	2.9	2.4	0.1
Q4	–1.5	0.7	9.3	–0.9	–1.3	4.9	3.4	2.1	3.8	2.9	1.9	0.9
2016 Q1	1.5	0.1	6.2	–1.2	–2.5	7.1	1.8	2.6	4.6	2.6	2.2	1.8
Q2	–0.6	1.6	1.0	0.9	4.6	5.3	1.6	2.7	4.6	2.1	2.8	1.4
Q3	–1.7	1.1	3.6	0.5	–1.1	5.2	1.7	3.1	5.0	4.2	3.1	1.6
Q4	–1.6	1.5	–1.3	1.0	5.0	6.4	0.8	3.0	5.4	3.3	3.0	1.2
Revisions												
	ZZ4N	ZZ4O	ZZ4Q	ZZ4P	ZZ4R	ZZ4S	ZZ4T	ZZ4U	ZZ4V	ZZ4W	ZZ4X	ZZ4Y
2014 Q2	–	–	–	–	–	–	–	–	–	–	–	–
Q3	–	–	–	–	–	–	–	–	–	–	–	–
Q4	–	–	–	–	–	–	–	–	–	–	–	–
2015 Q1	–	–	–	–	–	–	–	–	–	–	–	–
Q2	–	–	–	–	–	–	–	–	–	–	–	–
Q3	–	–	–	–	–	–	–	–	–	–	–	–
Q4	–	–	–	–	–	–	–	–	–	–	–	–
2016 Q1	–3.2	–	–1.2	0.1	–0.1	–	–0.1	–	–	0.3	–	0.1
Q2	–3.2	0.1	–1.6	0.3	0.6	–0.1	–	0.1	–	0.5	0.1	0.1
Q3	–2.5	0.1	–1.5	0.3	0.3	–0.1	–0.1	0.2	0.1	0.6	–	0.1
Q4	–2.0	0.4	–1.6	0.9	–0.5	0.3	0.1	0.1	0.5	1.2	–0.4	0.2

1 Estimates are accurate to 1 decimal place
2 Previous estimate refers to estimates from the Preliminary Estimate of GDP
3 Current estimate refers to the estimates released within this publication (Second Estimate of GDP)

AF Annex F - Expenditure components of GDP- growths and revisions from previous estimate[1,2], Chained Volume Measures

Seasonally adjusted data

Reference year 2013

	Final consumption expenditure							
	House-holds	Non-prof-it instit-utions	General govern-ment	Gross Capital Formation	Gross Fixed Capital Formation	Business investme nt	Total exports	*less* Total imports
Percentage change, latest year on previous year								
Current estimates [3]								
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N
2014	2.1	2.7	2.3	9.4	6.7	3.9	1.5	2.5
2015	2.5	0.8	1.3	1.1	3.4	5.1	6.1	5.5
Previous estimates[2]								
	A275	A276	A289	A28J	A28L	A29D	A29F	A2CK
2014	2.1	2.7	2.3	9.4	6.7	3.9	1.5	2.5
2015	2.5	0.8	1.3	1.1	3.4	5.1	6.1	5.5
Revisions								
	ZZ83	ZZ84	ZZ85	ZZ86	ZZ87	ZZ88	ZZ89	ZZ8A
2014	–	–	–	–	–	–	–	–
2015	–	–	–	–	–	–	–	–
Percentage change, latest quarter on previous quarter								
Current estimates[3]								
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O
2014 Q2	0.4	2.1	0.2	1.5	–1.6	6.0	–0.3	–1.3
Q3	1.4	–0.5	0.2	3.9	1.4	–1.3	–1.3	1.1
Q4	–0.1	–0.6	–0.2	4.1	0.7	1.9	4.0	2.8
2015 Q1	0.7	1.1	0.4	–0.2	1.5	2.7	3.2	4.1
Q2	0.5	0.8	0.9	–3.3	1.2	–0.3	–0.7	–2.3
Q3	1.1	–1.9	0.6	–0.7	0.8	1.9	–0.6	0.6
Q4	0.4	0.7	–0.2	–4.0	–0.9	–2.4	5.9	2.1
2016 Q1	0.9	1.6	0.4	1.3	0.1	–1.1	–2.9	0.3
Q2	0.8	0.2	0.1	–1.9	–0.2	0.6	1.2	0.4
Q3	0.9	–0.3	–	7.2	0.9	0.7	–2.6	1.3
Previous estimates[2]								
	A24M	A24X	A24Y	A25I	A25J	A25M	A264	A268
2014 Q2	0.4	2.1	0.2	1.5	–1.6	6.0	–0.3	–1.3
Q3	1.4	–0.5	0.2	3.9	1.4	–1.3	–1.3	1.1
Q4	–0.1	–0.6	–0.2	4.1	0.7	1.9	4.0	2.8
2015 Q1	0.7	1.1	0.4	–0.2	1.5	2.7	3.2	4.1
Q2	0.5	0.8	0.9	–3.3	1.2	–0.3	–0.7	–2.3
Q3	1.1	–1.9	0.6	–0.7	0.8	1.9	–0.6	0.6
Q4	0.4	0.7	–0.2	–4.0	–0.9	–2.4	5.9	2.1
2016 Q1	0.7	1.8	0.5	1.9	–0.5	–1.5	–2.7	0.3
Q2	0.7	1.7	–0.1	–1.2	1.1	1.2	1.4	0.4
Q3	0.7	–0.4	–	8.0	0.9	0.4	–2.6	1.4
Revisions								
	ZZ7L	ZZ7M	ZZ7N	ZZ7O	ZZ7P	ZZ7Q	ZZ7R	ZZ7S
2014 Q2	–	–	–	–	–	–	–	–
Q3	–	–	–	–	–	–	–	–
Q4	–	–	–	–	–	–	–	–
2015 Q1	–	–	–	–	–	–	–	–
Q2	–	–	–	–	–	–	–	–
Q3	–	–	–	–	–	–	–	–
Q4	–	–	–	–	–	–	–	–
2016 Q1	0.2	–0.2	–0.1	–0.6	0.6	0.4	–0.2	–
Q2	0.1	–1.5	0.2	–0.7	–1.3	–0.6	–0.2	–
Q3	0.2	0.1	–	–0.8	–	0.3	–	–0.1

1 Estimates are accurate to 1 decimal place
2 Previous estimates refers to estimates from the Quarterly National Accounts published 23 December 2016
3 Current estimates refers to the esimates within this publication (Second Estimate of GDP)

AF Annex F - Expenditure components of GDP- growths and revisions from previous estimate[1,2], Chained Volume Measures

continued

Seasonally adjusted data Reference year 2013

	Final consumption expenditure							
	House-holds	Non-profit instit-utions	General govern-ment	Gross capital formation	Gross fixed capital formation	Business investment	Total exports	less Total imports
Percentage change, latest quarter on corresponding quarter of the previous year								
Current estimates[3]								
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P
2014 Q2	2.1	3.6	2.7	10.5	7.4	7.9	–1.7	0.2
Q3	2.7	2.5	2.7	8.4	5.3	2.9	–0.5	1.4
Q4	1.8	2.6	1.7	7.5	3.3	3.0	4.8	2.4
2015 Q1	2.4	2.1	0.6	9.4	2.0	9.5	5.5	6.8
Q2	2.5	0.8	1.3	4.3	4.9	3.0	5.1	5.7
Q3	2.2	–0.5	1.6	–0.4	4.3	6.3	5.8	5.1
Q4	2.7	0.7	1.7	–8.1	2.6	1.9	7.8	4.4
2016 Q1	2.9	1.1	1.7	–6.7	1.2	–1.8	1.5	0.6
Q2	3.2	0.5	0.8	–5.3	–0.2	–1.0	3.4	3.4
Q3	2.9	2.1	0.2	2.3	–	–2.3	1.4	4.2
Previous estimates[2]								
	A26C	A26H	A26I	A26J	A26K	A26L	A26M	A26N
2014 Q2	2.1	3.6	2.7	10.5	7.4	7.9	–1.7	0.2
Q3	2.7	2.5	2.7	8.4	5.3	2.9	–0.5	1.4
Q4	1.8	2.6	1.7	7.5	3.3	3.0	4.8	2.4
2015 Q1	2.4	2.1	0.6	9.4	2.0	9.5	5.5	6.8
Q2	2.5	0.8	1.3	4.3	4.9	3.0	5.1	5.7
Q3	2.2	–0.5	1.6	–0.4	4.3	6.3	5.8	5.1
Q4	2.7	0.7	1.7	–8.1	2.6	1.9	7.8	4.4
2016 Q1	2.7	1.4	1.8	–6.1	0.6	–2.2	1.6	0.6
Q2	3.0	2.3	0.7	–4.1	0.4	–0.7	3.8	3.4
Q3	2.6	3.8	0.2	4.3	0.5	–2.2	1.7	4.2
Revisions								
	ZZ7T	ZZ7U	ZZ7V	ZZ7W	ZZ7X	ZZ7Y	ZZ7Z	ZZ82
2014 Q2	–	–	–	–	–	–	–	–
Q3	–	–	–	–	–	–	–	–
Q4	–	–	–	–	–	–	–	–
2015 Q1	–	–	–	–	–	–	–	–
Q2	–	–	–	–	–	–	–	–
Q3	–	–	–	–	–	–	–	–
Q4	–	–	–	–	–	–	–	–
2016 Q1	0.2	–0.3	–0.1	–0.6	0.6	0.4	–0.1	–
Q2	0.2	–1.8	0.1	–1.2	–0.6	–0.3	–0.4	–
Q3	0.3	–1.7	–	–2.0	–0.5	–0.1	–0.3	–

1 Estimates are accurate to 1 decimal place
2 Previous estimates refers to the esimtates from Quarterly National Accounts published 23 December 2016
3 Current estimates refers to the estimates within this publication (Second Estimate of GDP)

AG Annex G - Income components of GDP- growths and revisions from previous estimate[1,2], Current Price

Seasonally adjusted data

	Compensation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
Percentage change, latest year on previous year				
Current estimates[3]				
	KGI3	KH4V	KH6T	KH65
2014	2.3	8.0	8.0	5.0
2015	3.2	1.2	3.9	3.0
Previous estimates[2]				
	A2CT	A2CU	A2CV	A2CW
2014	2.3	8.0	8.0	5.0
2015	3.2	1.2	3.9	3.0
Revisions				
	ZZ8J	ZZ8K	ZZ8L	ZZ8M
2014	–	–	–	–
2015	–	–	–	–
Percentage change, latest quarter on previous quarter				
Current estimates[3]				
	KGI4	KH4W	KH6U	KH66
2014 Q2	0.2	5.2	3.0	1.3
Q3	1.0	2.6	0.5	–0.7
Q4	1.3	–3.7	0.9	3.3
2015 Q1	0.5	1.8	0.3	–2.6
Q2	0.8	2.5	1.5	2.5
Q3	0.9	–3.7	0.8	1.7
Q4	0.5	–1.1	1.2	1.7
2016 Q1	0.3	3.2	1.3	–0.7
Q2	2.3	0.2	1.9	1.1
Q3	1.3	–	1.1	0.2
Previous estimates[2]				
	A2CL	A2CM	A2CN	A2CO
2014 Q2	0.2	5.2	3.0	1.3
Q3	1.0	2.6	0.5	–0.7
Q4	1.3	–3.7	0.9	3.3
2015 Q1	0.5	1.8	0.3	–2.6
Q2	0.8	2.5	1.5	2.5
Q3	0.9	–3.7	0.8	1.7
Q4	0.5	–1.1	1.2	1.7
2016 Q1	0.5	6.0	1.6	–0.6
Q2	2.1	–0.7	1.4	1.0
Q3	1.3	–0.2	0.9	0.3
Revisions				
	ZZ8B	ZZ8C	ZZ8D	ZZ8E
2014 Q2	–	–	–	–
Q3	–	–	–	–
Q4	–	–	–	–
2015 Q1	–	–	–	–
Q2	–	–	–	–
Q3	–	–	–	–
Q4	–	–	–	–
2016 Q1	–0.2	–2.8	–0.3	–0.1
Q2	0.2	0.9	0.5	0.1
Q3	–	0.2	0.2	–0.1

1 Estimates are accurate to 1 decimal place
2 Previous estimates refers to estimates from the Quarterly National Accounts published 23 December 2016
3 Current estimates refers to estimates within this publication (Second Estimate of GDP)

AG Annex G - Income components of GDP- growths and revisions from previous estimate[1,2], Current Price

continued

Seasonally adjusted data

	Compensation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
Percentage change, latest quarter on corresponding quarter of previous year				
Current estimates[3]				
	KGI5	KH4X	KH6V	KH67
2014 Q2	0.9	13.0	8.8	6.3
Q3	2.1	9.8	8.9	2.6
Q4	2.8	7.0	8.1	4.5
2015 Q1	3.0	5.8	4.7	1.2
Q2	3.6	3.1	3.3	2.4
Q3	3.5	–3.3	3.6	4.9
Q4	2.7	–0.6	3.9	3.3
2016 Q1	2.5	0.8	4.9	5.3
Q2	4.0	–1.5	5.2	3.9
Q3	4.4	2.3	5.5	2.3
Previous estimates[2]				
	A2CP	A2CQ	A2CR	A2CS
2014 Q2	0.9	13.0	8.8	6.3
Q3	2.1	9.8	8.9	2.6
Q4	2.8	7.0	8.1	4.5
2015 Q1	3.0	5.8	4.7	1.2
Q2	3.6	3.1	3.3	2.4
Q3	3.5	–3.3	3.6	4.9
Q4	2.7	–0.6	3.9	3.3
2016 Q1	2.6	3.5	5.2	5.4
Q2	4.0	0.3	5.1	3.8
Q3	4.5	4.0	5.2	2.4
Revisions				
	ZZ8F	ZZ8G	ZZ8H	ZZ8I
2014 Q2	–	–	–	–
Q3	–	–	–	–
Q4	–	–	–	–
2015 Q1	–	–	–	–
Q2	–	–	–	–
Q3	–	–	–	–
Q4	–	–	–	–
2016 Q1	–0.1	–2.7	–0.3	–0.1
Q2	–	–1.8	0.1	0.1
Q3	–0.1	–1.7	0.3	–0.1

1 Estimates accurate to 1 decimal place
2 Previous estimates refers to estimates from the Quarterly National Accounts 23 December 2016
3 Current estimate refers to estimates within this publication (Second Estimate of GDP)