

Statistical bulletin

GDP quarterly national accounts, UK: July to September 2016

Revised quarterly estimate of gross domestic product (GDP) for the UK. Uses additional data to provide a more precise indication of economic growth than the first estimate.



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23 December 2016

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Notice

23 December 2016

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As [published](#) on 6 December 2016 we identified an error in the way we have processed estimates of trade in non-monetary gold and other precious metals, which affected the UK trade data between January 2015 and September 2016. This error was corrected in the UK Trade release on 9 December 2016, and caused some large revisions to the exports and imports of goods, and therefore the UK trade balance. These revisions also impact the current account balance in the Quarterly Balance of Payments from Quarter 1 (Jan to Mar) 2015 to Quarter 2 (Apr to June) 2016 published today (23 December 2016). There is no impact on total GDP, as the corrections to non-monetary gold and other precious metals in the trade in goods series, and the acquisitions less disposals of valuables offset each other. However, the composition of the expenditure estimate of GDP has changed from what was previously published in the Second Estimate of GDP Quarter 3 (July to Sept) 2016 on 25 November 2016.

23 December 2016

Following a quality review, some improvements to the calculation of financial intermediation services indirectly measured (FISIM) chained volume measures (CVM) have been made. These relate to exports of FISIM only, and have been incorporated into the Quarterly National Accounts for data from Quarter 1 2015. More work will be undertaken, and incorporated in the Blue Book 2017 consistent releases (published on 29 September 2017) for data prior to this period.

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

The reporting period for this release includes Quarter 3 (July to Sept) 2016, and therefore includes data for the whole period after the EU referendum. Since the result, growth in gross domestic product (GDP) has been in line with recent trends.

UK GDP in volume terms was estimated to have increased by 0.6% in Quarter 3 2016, revised up 0.1 percentage points from the second estimate of GDP published on 26 November 2016, due to upward revisions from the output of the business services and finance industries. This is the 15th consecutive quarter of positive growth since Quarter 1 (Jan to Mar) 2013.

Revisions to GDP quarterly volume growths are small compared with the previously published estimate. There are no revisions to any quarters in 2015. There are small revisions to the quarters of 2016; both Quarter 1 2016 and Quarter 2 (Apr to June) 2016 have been revised down by 0.1 percentage points, and Quarter 3 2016 has been revised up by 0.1 percentage points. Further details can be found in the "Briefing on revisions to GDP" section.

Between 2014 and 2015, GDP in volume terms increased by 2.2%, unrevised from the previous estimate. Between Quarter 3 2015 and Quarter 3 2016, GDP in volume terms increased by 2.2%, revised down 0.1 percentage points from the previously published estimate.

GDP per head in volume terms was estimated to have increased by 0.4% between Quarter 2 2016 and Quarter 3 2016. Between 2014 and 2015, GDP per head increased by 1.4%.

GDP in current prices increased by 0.8% between Quarter 2 2016 and Quarter 3 2016, unrevised from the previously published estimate.

The households and non-profit institutions serving households saving ratio was estimated to be 5.6% in Quarter 3 2016 compared with 6.1% in Quarter 2 2016. In 2015, the saving ratio was estimated to be 6.5%.

Real households disposable income decreased by 0.6% in Quarter 3 2016. In 2015, real households disposable income increased by 3.6%.

2 . Statistician's quote

"Robust consumer demand continued to help the UK economy grow steadily in the third quarter of 2016. Growth was slightly stronger than first thought, though, due to greater output in the financial sector."

Darren Morgan, Head of GDP

3 . Future changes

From January 2017, we are improving the way we publish economic statistics, with related data grouped together under new "theme" days. This will increase the coherence of our data releases and involve minor changes to the timing of certain publications. For more information see [Changes to publication schedule for economic statistics](#).

4 . Understanding GDP

Gross domestic product (GDP) growth is the main indicator of economic performance. There are 3 approaches used to measure GDP.

Gross value added (GVA) is the sum of goods and services produced within the economy less the value of goods and services used up in the production process (intermediate consumption). The output approach measures GVA at a detailed industry level before aggregating to produce an estimate for the whole economy. GDP (as measured by the output approach) can then be calculated by adding taxes and subtracting subsidies (both only available at whole economy level) to this estimate of total GVA (more information on creating the preliminary estimate of GDP is available on our [methods and sources page](#)).

The income approach measures income generated by production in the form of gross operating surplus (profits), compensation of employees (income from employment) and mixed income (self-employment income) for the whole economy.

The expenditure approach is the sum of all final expenditures within the economy, that is, all expenditure on goods and services that are not used up or transformed in the production process, that is, final consumption (not intermediate) for the whole economy.

The third estimate of GDP is based on revised output data, together with updated data from expenditure and income components. In the quarterly national accounts, the output GVA and GDP estimates are balanced with the equivalent income and expenditure approaches to produce headline estimates of GVA and GDP. Further information on all 3 approaches to measuring GDP can be found in the [short guide to national accounts](#).

All data in this bulletin are seasonally adjusted estimates and 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. For further information regarding non-seasonally adjusted data, please refer to the [UK Economic Accounts](#) (UKEA). It can be downloaded directly from the UKEA dataset and on the UKEA main aggregates dataset.

Growth for GDP and its components is given between different periods. Latest year-on-previous-year gives the annual growth between one calendar year and the previous. Latest quarter-on-previous-quarter growth gives growth between one quarter and the quarter immediately before it. Latest quarter-on-corresponding-quarter-of-previous-year shows the growth between one quarter and the same quarter a year ago.

In line with [National Accounts Revisions Policy](#), the earliest period open for revision in this release is Quarter 1 (Jan to Mar) 2015.

5 . About the quarterly national accounts

The quarterly national accounts are typically published around 90 days after the end of the quarter. At this stage the data content of this estimate from the output measure of gross domestic product (GDP) has risen to around 91% of the total required for the final output-based estimate. There is also around 90% data content available to produce estimates of GDP from the expenditure approach and around 70% data content from the income approach.

6 . The quality of the GDP estimate

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. One source of information is from business surveys which use information provided directly from UK businesses. These data are subject to many layers of vigorous quality assurance by highly trained personnel, from clarity and confirmation of individual unit data direct from the business contact to scrutiny of data at the macro level. Other sources of data include other government departments and administrative data, including Value Added Tax (VAT) data from HM Revenue and Customs (HMRC) which are subject to quality checks and challenge from ONS. By comparing and contrasting these different sources, the national accounts produce a single picture of the economy which is consistent, coherent and fully integrated.

The production and publication of each gross domestic product (GDP) release is managed by a highly skilled team with a strong emphasis on statistical, analytical and economic debate throughout the production process to publish the headline GDP estimate and components. Although a limited audience have access to GDP data ahead of publication, those involved in the process are selected to ensure each GDP balance achieves a rigorous statistical and economic challenge. A “balancing meeting” is held during each production round where presentations assess GDP and its components against a swathe of external indicators and a focus on GDP headline components. This is attended by senior managers within ONS who challenge the data to ensure consistency and plausibility of the GDP balance. We recognise the importance of transparency and have recently introduced an additional section in our background notes where the balancing adjustments applied – size and the components targeted – are now published.

Accompanying each quarterly and annual production cycle, external quality assurers with particular areas of expertise are invited to challenge and report on the statistical and economic coherence of the headline national account and component dataset. Current assessors include HM Treasury, Bank of England, National Institute of Economic and Social Research, HM Revenue and Customs and Tax Administration Research Centre. Drawing on their personal experience, expertise and subject knowledge, the external quality assurers work in a personal capacity to challenge the synergy of the dataset from a full range of views – from producers, data compilers and from users of the statistics – before final sign-off.

Unlike many short-term indicators that we publish, there is no simple way of measuring the accuracy of GDP. All estimates, by definition, are subject to statistical uncertainty and for many well-established statistics we measure and publish the sampling error and non-sampling error associated with the estimate, using this as an indicator of accuracy. Since sampling is typically done to determine the characteristics of a whole population, the difference between the sample and population values is considered a sampling error. Non-sampling errors are a result of deviations from the true value that are not a function of the sample chosen, including various systematic errors and any other errors that are not due to sampling. The estimate of GDP, however, is currently constructed from a wide variety of data sources, some of which are not based on random samples or do not have published sampling and non-sampling errors available and as such it is very difficult to measure both error aspects and their impact on GDP. While development work continues in this area, like all other G7 national statistical institutes, we don't publish a measure of the sampling error or non-sampling error associated with GDP.

One dimension of measuring accuracy is reliability, which is measured using evidence from analyses of revisions to assess the closeness of early estimates to subsequently estimated values. Many users try to minimise the impact of uncertainty through using the historical experience of revisions as a basis for estimating how confident they are in early releases and predicting how far and in what direction the early release might be revised. Revisions are an inevitable consequence of the trade-off between timeliness and accuracy. The estimate is subject to revisions as more data become available, but between the preliminary and third estimates of GDP, revisions are typically small (around 0.1 to 0.2 percentage points), with the frequency of upward and downward revisions broadly equal. 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 14 of the [revisions to GDP and components in Blue Books 2014 and 2015](#) article updates the metrics used to test revisions performance in order to answer the question “Is GDP biased?”

7 . Things you need to know about this release

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8 . Headline UK economic indicators

Table 1: Headline economic indicators for the UK, Quarter 3 (July to Sept) 2014 to Quarter 3 2016

	Household saving ratio	Real household disposable income	GDP at current market prices	GDP at chained volume measure	GDP per head
	%	% ¹	% ¹	% ¹	% ¹
Seasonally adjusted					
Q3 2014	6.1	-0.3	1.1	0.8	0.6
Q4 2014	7.0	1.8	0.4	0.8	0.6
Q1 2015	6.1	-0.1	0.3	0.3	0.0
Q2 2015	6.6	1.5	1.5	0.5	0.3
Q3 2015	6.6	1.8	-0.1	0.3	0.1
Q4 2015	6.5	0.0	0.4	0.7	0.5
Q1 2016	6.1	0.1	1.5	0.3	0.2
Q2 2016	6.1	0.8	1.2	0.6	0.5
Q3 2016	5.6	-0.6	0.8	0.6	0.4

Source: Office for National Statistics

Notes:

¹. Percentage change on previous quarter.

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).

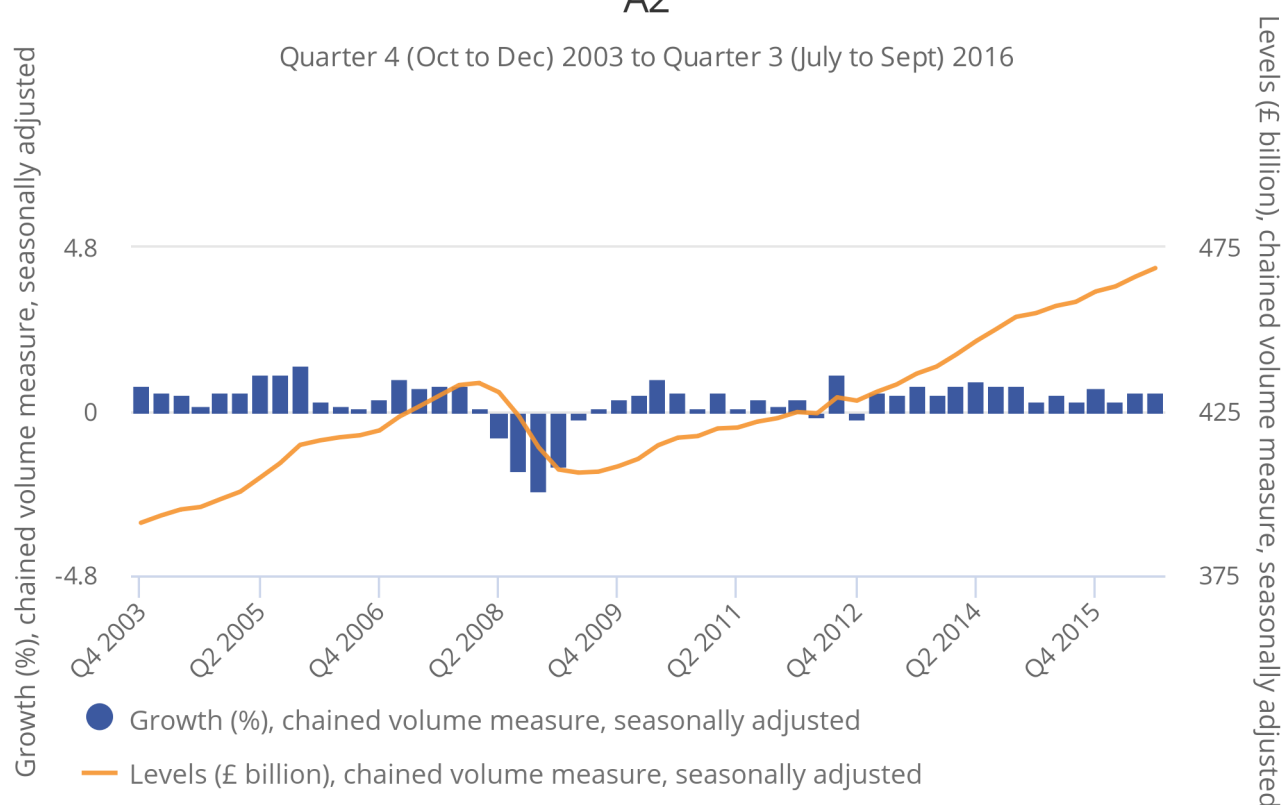
9 . Historical context

Figure 1 shows quarterly growths and levels for the chained volume measure of gross domestic product (GDP) between Quarter 3 (July to Sept) 2003 and Quarter 3 2016.

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

Quarter 4 (Oct to Dec) 2003 to Quarter 3 (July to Sept) 2016

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



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).

As seen in Figure 1, GDP in the UK grew steadily during the 2000s until a financial market shock affected UK and global economic growth in 2008 and 2009. Economic growth resumed towards the end of 2009; the first 2 to 3 years was at a generally slower rate than the period prior to 2008. From the peak in Quarter 1 (Jan to Mar) 2008 to the trough in Quarter 2 (Apr to June) 2009, GDP decreased by 6.3%. This can be compared with previous economic downturns in the early 1980s and early 1990s, which saw lower levels of impact on GDP. In the early 1990s downturn, GDP decreased by 2.0% from the peak in Quarter 2 1990 to the trough in Quarter 3 1991. In the early 1980s downturn, GDP decreased by 5.4% from the peak in Quarter 2 1979 to the trough in Quarter 1 1981.

From Quarter 3 2009, growth continued to be erratic, with several quarters between 2010 and 2012 recording broadly flat or declining GDP. This 2-year period coincided with special events (for example severe winter weather in Quarter 4 (Oct to Dec) 2010 and the Diamond Jubilee in Quarter 2 2012) that are likely to have affected growth both adversely and positively. Since 2013, GDP has grown steadily, with the economy exceeding pre-downturn peak levels in Quarter 3 2013.

Quarter 3 2016 has shown continued strength with GDP growing by 0.6% compared with the previous quarter and by 2.2% between Quarter 3 2015 and Quarter 3 2016. GDP has now increased for 15 consecutive quarters, breaking a pattern of slow and erratic growth from 2009.

10 . GDP analysed by output categories, chained volume measures, tables B1 and B2

Looking at the main output industrial groupings within gross domestic product (GDP), we find that 3 out of 4 decreased in Quarter 3 (July to Sept) 2016 compared with Quarter 2 (Apr to June) 2016; only services showed an increase while production, construction and agriculture all showed decreases.

Production output decreased by 0.4% in Quarter 3 2016 compared with Quarter 2 2016, revised up 0.1 percentage points from the previously published estimate. Within the production sub-industries, output from mining and quarrying (including oil and gas extraction) increased by 4.3%, manufacturing (the largest component of production) decreased by 0.8% (Figure 2), electricity, gas, steam and air conditioning supply industries decreased by 4.2%, and water supply and sewerage decreased by 0.1%.

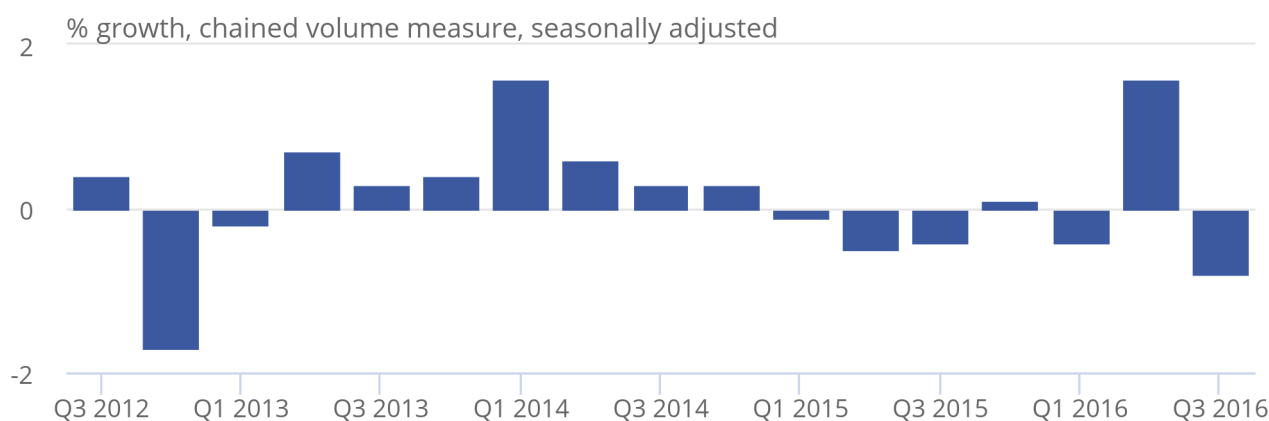
When comparing Quarter 3 2016 with Quarter 3 2015, production output increased by 1.1%, revised up 0.1 percentage points from the previously published estimate. Mining and quarrying (including oil and gas extraction) increased by 3.6%, manufacturing rose by 0.5% between these periods, the electricity, gas, steam and air conditioning supply industries decreased by 1.1% and water supply and sewerage increased by 5.2%.

Figure 2: UK manufacturing growth, quarter-on-quarter

Quarter 3 (July to Sept) 2012 to Quarter 3 2016

Figure 2: UK manufacturing growth, quarter-on-quarter

Quarter 3 (July to Sept) 2012 to Quarter 3 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).

Construction output decreased by 0.8% in Quarter 3 2016 compared with Quarter 2 2016, revised up 0.3 percentage points from the previously published estimate. Revisions were due to the incorporation of late data and re-seasonally adjusting data in the open period. Construction output increased by 1.7% between Quarter 3 2015 and Quarter 3 2016, revised up 1.6 percentage points from the previously published estimate.

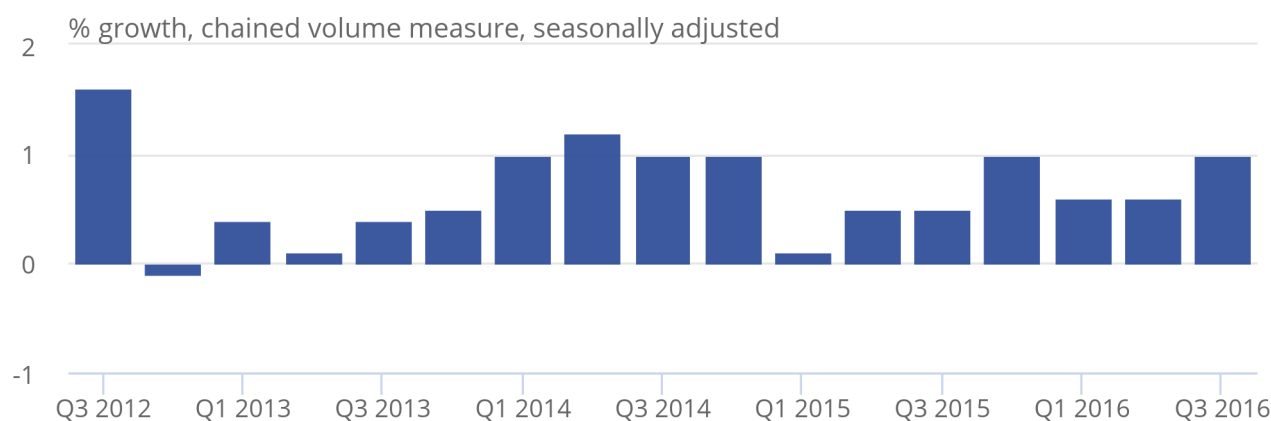
The services industries increased by 1.0% in Quarter 3 2016 (Figure 3) compared with Quarter 2 2016, revised up 0.2 percentage points from the previous estimate, marking the 15th consecutive quarter of positive growth. This follows a 0.6% increase in Quarter 2 2016.

Figure 3: UK services growth, quarter-on-quarter

Quarter 3 (July to Sept) 2012 to Quarter 3 2016

Figure 3: UK services growth, quarter-on-quarter

Quarter 3 (July to Sept) 2012 to Quarter 3 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 of the distribution, hotels and catering industries increased by 1.1% in Quarter 3 2016, this follows an increase of 0.9% in Quarter 2 2016.

Output of the transport, storage and communications industries increased by 2.6% in Quarter 3 2016, this follows an increase of 0.4% in Quarter 2 2016.

Business services and finance industries increased by 0.8% in Quarter 3 2016, this follows an increase of 0.8% in Quarter 2 2016.

Output of the government and other services industries increased by 0.4% in Quarter 3 2016, this follows an increase of 0.1% in Quarter 2 2016.

Further detail on the services industries' lower level components can be found in the [Index of Services statistical bulletin](#) published on 23 December 2016.

Gross value added (GVA) excluding oil and gas extraction increased by 0.6% in Quarter 3 2016, following a 0.7% increase in Quarter 2 2016.

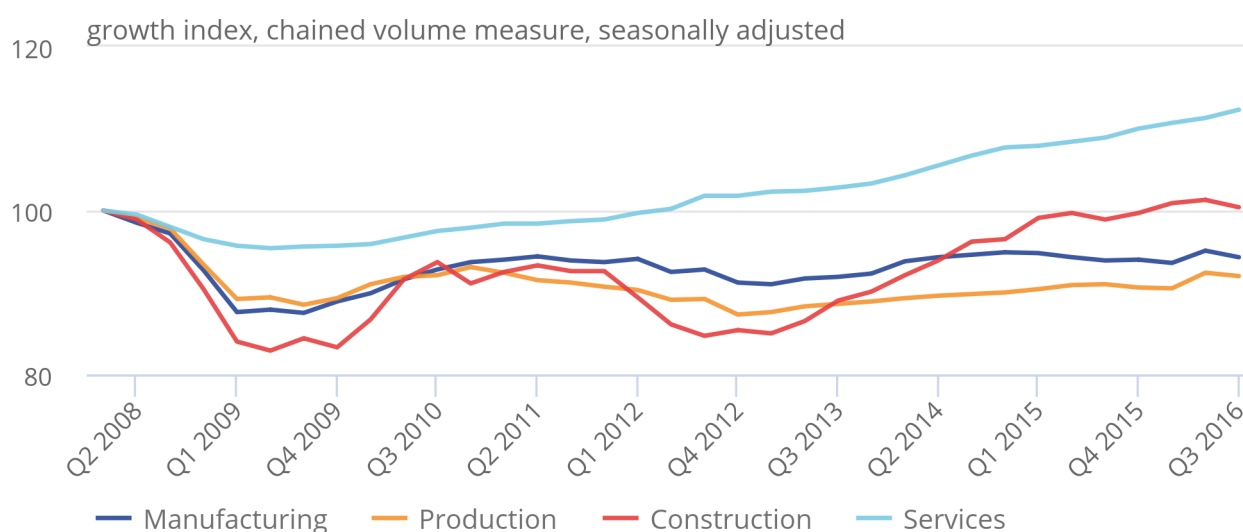
Figure 4 shows the path of GDP and its headline industries (this excludes agriculture, and includes manufacturing which is a sub-component of production) relative to their level of output achieved in Quarter 1 (Jan to Mar) 2008.

Figure 4: UK GDP output components growth, quarter-on-quarter, indexed from Q1 2008 = 100

Quarter 1 (Jan to Mar) 2008 to Quarter 3 (July to Sept) 2016

Figure 4: UK GDP output components growth, quarter-on-quarter, indexed from Q1 2008 = 100

Quarter 1 (Jan to Mar) 2008 to Quarter 3 (July to Sept) 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).

Industries have shown differing trends following the recent economic downturn. The construction, manufacturing and production industries were more acutely affected by the deterioration in economic conditions, with output falling from peak to trough by 17.1%, 12.2% and 10.5% respectively. In contrast, output in the services industry only fell by 4.6%.

Activity began to grow again in 2010, with the manufacturing and the construction industries showing particular strength – but neither industry sustained this growth. Production output fell in both 2011 and 2012, falling below levels seen at the height of the downturn in 2009. Construction output also fell sharply in 2012, with output falling close to its 2009 trough after further contraction in Quarter 1 2013. Since that period construction output has improved and surpassed its pre-downturn peak in Quarter 1 2016. Despite a contraction in the third quarter of 2016 of 0.8%, construction output remains above pre-downturn levels, while the services industries remain the largest and steadiest contributors to overall economic growth.

Figure 5 shows the average compound quarterly growth rate experienced over the 5 years prior to the economic downturn in 2008 to 2009, the average growth rate experienced between Quarter 3 2009 and Quarter 2 2014 (5 years following the downturn), and the current quarterly growth rate observed in the most recent period (Quarter 3 2016). Compound average growth is the rate at which a series would have increased or decreased if it had grown or fallen at a steady rate over a number of periods. This allows the composition of growth in the recent economic recovery to be compared with the long run average.

The UK experienced slightly slower average compound GDP growth in the 5 years following the economic downturn compared with the 5 years prior: this is also true of the services industry. Figure 5 shows that in Quarter 3 2016 total GDP and services outperformed their post-downturn average, but the other components of GDP were more subdued.

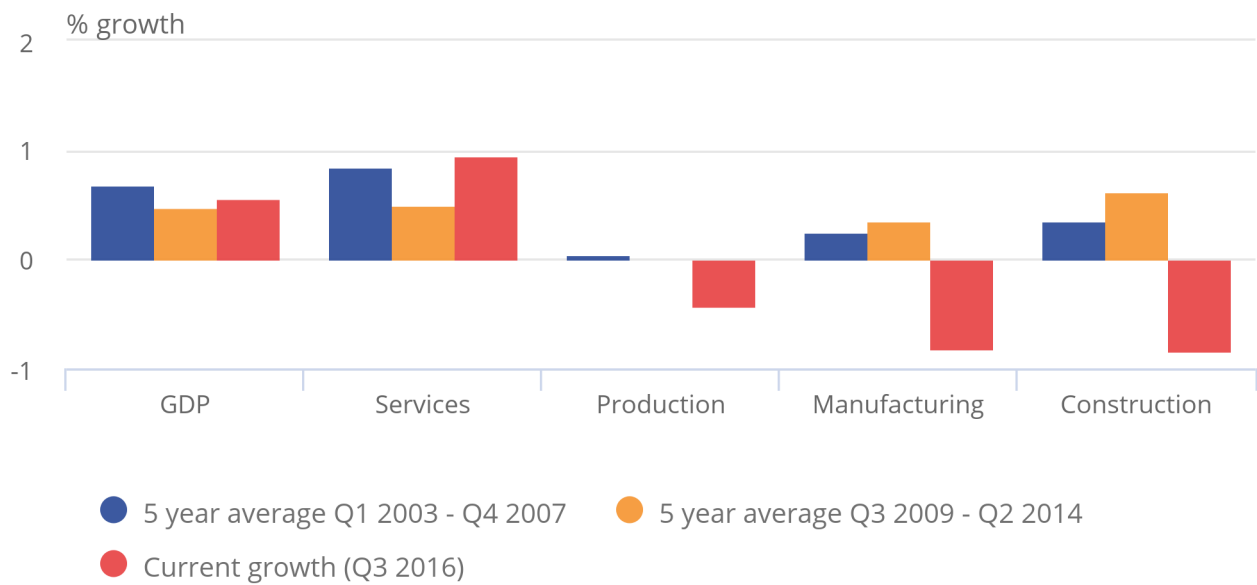
It should be noted that the third column, which shows the current quarterly growth rate, is based on only one data point. Consequently, users should use caution when making direct comparisons with the long run averages.

Figure 5: UK GDP quarterly average compound growth by industry

Quarter 1 (Jan to Mar) 2003 to Quarter 4 (Oct to Dec) 2007, Quarter 3 (July to Sept) 2009 to Quarter 2 (Apr to June) 2014, Quarter 3 2016

Figure 5: UK GDP quarterly average compound growth by industry

Quarter 1 (Jan to Mar) 2003 to Quarter 4 (Oct to Dec) 2007, Quarter 3 (July to Sept) 2009 to Quarter 2 (Apr to June) 2014, Quarter 3 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).

Table AA contains output component growth rates and contributions to growth rates back to Quarter 1 2014.

11 . GDP analysed by expenditure categories, chained volume measures, Table C2

Total national expenditure (the sum of all expenditure by UK residents on goods and services that are not used up or transformed in a productive process) increased by 1.8% in Quarter 3 (July to Sept) 2016. Annually, between 2014 and 2015 total national expenditure increased by 1.9%.

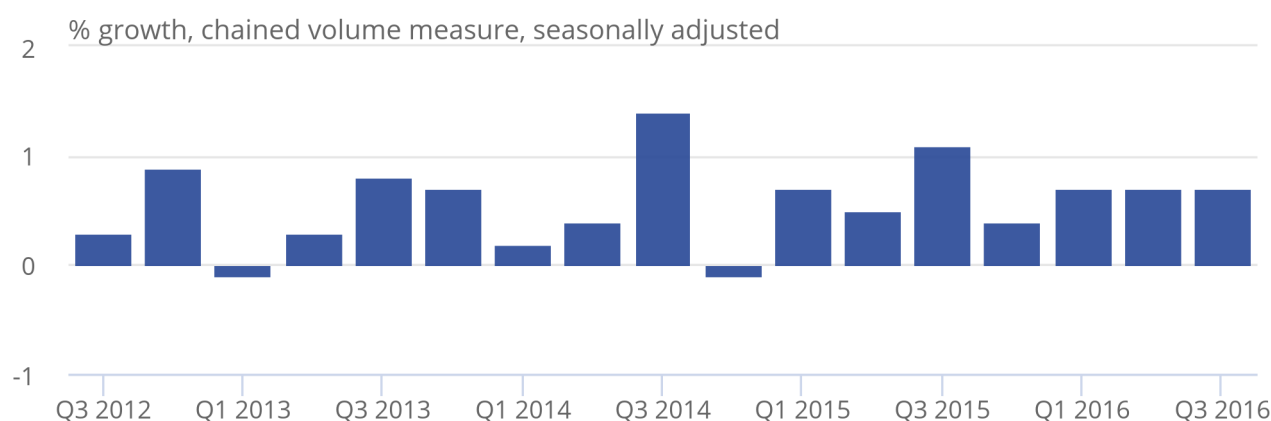
Household final consumption expenditure (HHFCE) increased by 0.7% in Quarter 3 2016, and has increased for 7 consecutive quarters (Figure 6). When compared with the same quarter a year ago, HHFCE has been rising each quarter since Quarter 4 (Oct to Dec) 2011, and was 2.6% higher in Quarter 3 2016 than in the same period a year ago. Between 2014 and 2015, HHFCE increased by 2.5%.

Figure 6: UK household final consumption expenditure growth, quarter-on-quarter

Quarter 3 (July to Sept) 2012 to Quarter 3 2016

Figure 6: UK household final consumption expenditure growth, quarter-on-quarter

Quarter 3 (July to Sept) 2012 to Quarter 3 2016



Source: Office for National Statistics

Notes:

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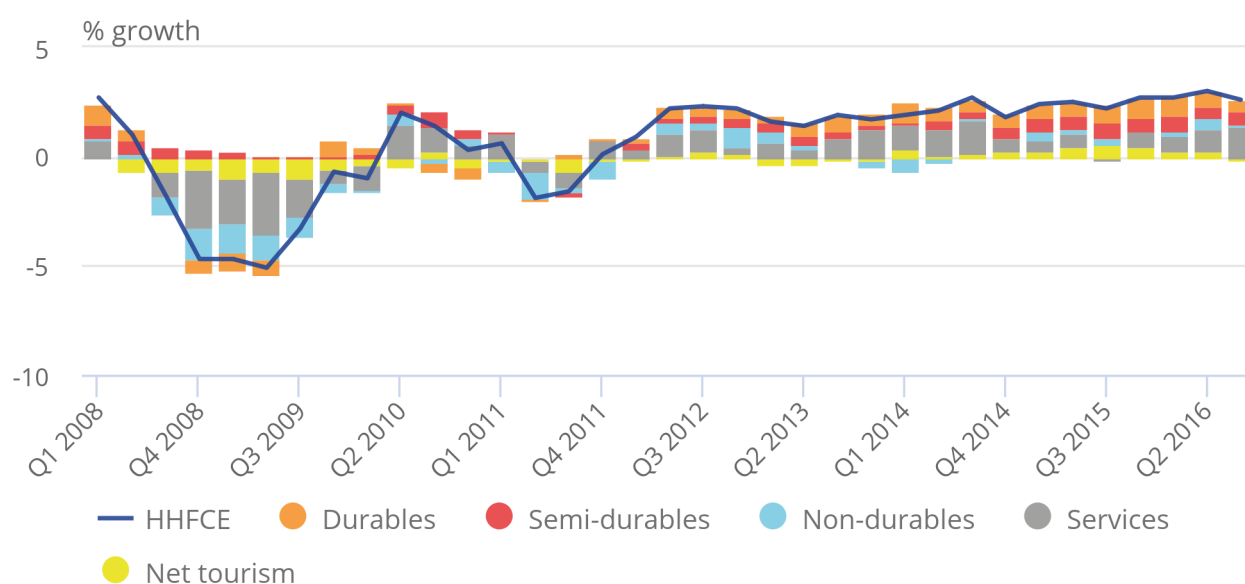
Figure 7 shows the contribution of different categories of goods and services to quarter on same quarter of previous year growth in UK HHFCE. Growth has remained positive since Quarter 4 2011 and is shown to have been broad-based across both goods and services. While durable and semi-durable goods were the predominant driver of growth in recent periods, in the latest quarter services was the main driver, contributing 1.4 percentage points to HHFCE. Non-durable goods – which made only a small positive contribution this quarter – include items which can only be consumed or used once, such as food products.

Figure 7: Contribution to UK household expenditure growth, quarter-on-same-quarter previous year

Quarter 1 (Jan to Mar) 2008 to Quarter 3 (July to Sept) 2016

Figure 7: Contribution to UK household expenditure growth, quarter-on-same-quarter previous year

Quarter 1 (Jan to Mar) 2008 to Quarter 3 (July to Sept) 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).

Government final consumption expenditure was flat in Quarter 3 2016, following a 0.1% decrease in Quarter 2 (Apr to June) 2016. Between Quarter 3 2015 and Quarter 3 2016, government final consumption expenditure increased by 0.2%. Between 2014 and 2015, government final consumption expenditure increased by 1.3%.

Non-profit institutions serving households' (NPISH) final consumption expenditure decreased by 0.4% in Quarter 3 2016, following a 1.7% increase in Quarter 2 2016. Between Quarter 3 2015 and Quarter 3 2016, NPISH final consumption expenditure increased by 3.8%. Annually, NPISH final consumption expenditure increased by 0.8% between 2014 and 2015.

In Quarter 3 2016, gross fixed capital formation (GFCF) was estimated to have increased by 0.9% (Figure 8). Between Quarter 3 2015 and Quarter 3 2016, GFCF increased by 0.5%. GFCF increased by 3.4% between 2014 and 2015. More detail on GFCF, including a breakdown of the GFCF components, can be found in the [Business investment statistical bulletin](#) published on 23 December 2016.

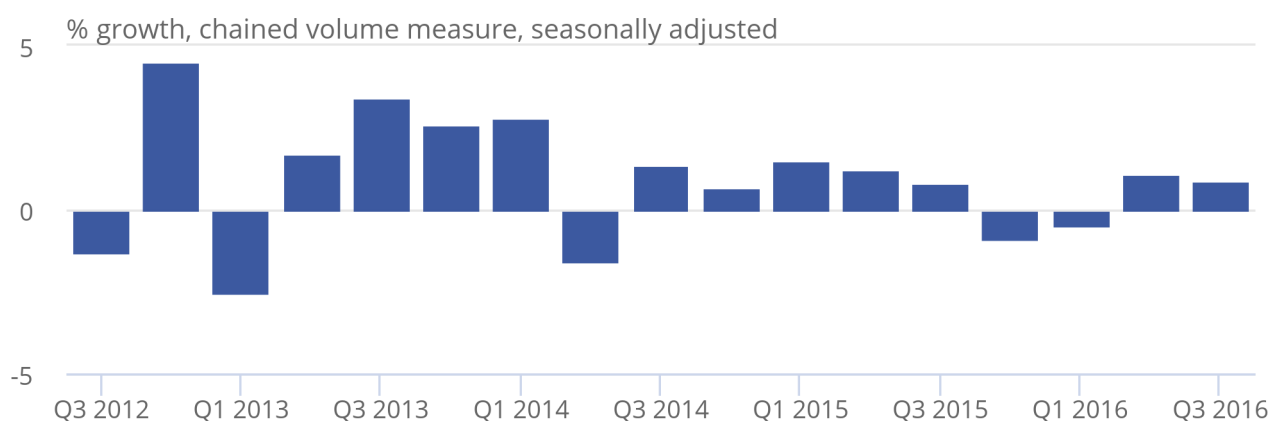
Business investment was estimated to have increased by 0.4% in Quarter 3 2016 compared with Quarter 2 2016 and decreased by 2.2% between Quarter 3 2015 and Quarter 3 2016. Annually, business investment increased by 5.1% between 2014 and 2015.

Figure 8: UK gross fixed capital formation growth, quarter-on-quarter

Quarter 3 (July to Sept) 2012 to Quarter 3 2016

Figure 8: UK gross fixed capital formation growth, quarter-on-quarter

Quarter 3 (July to Sept) 2012 to Quarter 3 2016



Source: Office for National Statistics

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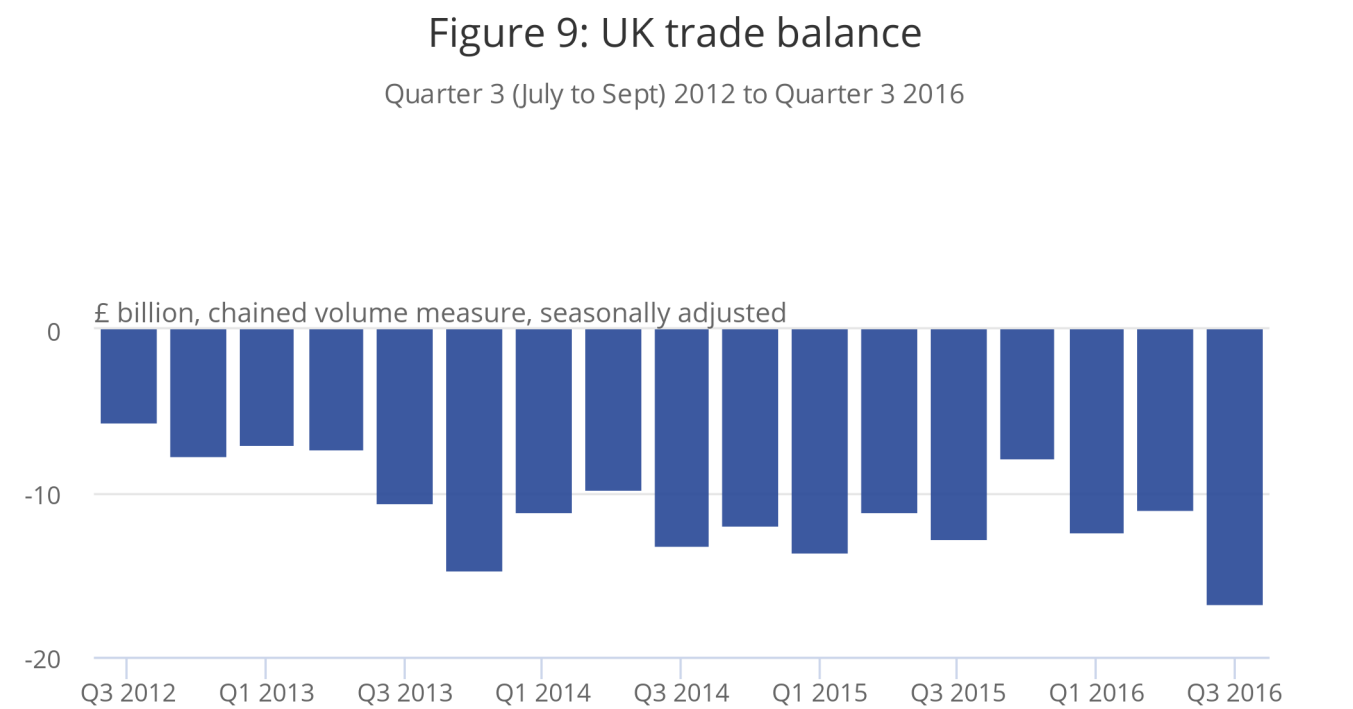
Including the alignment adjustment, the level of inventories increased by £1.6 billion in Quarter 3 2016, following an increase of £0.9 billion in Quarter 2 2016. Excluding the alignment adjustment, the level of inventories decreased by £0.3 billion in Quarter 3 2016, following an increase of £2.1 billion in Quarter 2 2016. More information on the alignment adjustment can be found in the Balancing GDP section of this release.

The trade balance deficit widened from £11.0 billion in Quarter 2 2016 to £16.7 billion in Quarter 3 2016 (Figure 9). The trade position reflects exports minus imports. Following a 1.4% increase in Quarter 2 2016, exports decreased by 2.6% in the latest quarter, while imports increased by 1.4% in Quarter 3 2016 following a 0.4% increase in Quarter 2 2016. Further details can be found in section 5 of the [UK Trade: Oct 2016](#) bulletin.

Exports of goods decreased by 5.1% in Quarter 3 2016, due mainly to a decrease in exports of aircraft, chemicals and unspecified goods. Exports of services increased by 1.0% in Quarter 3 2016, due to increases in insurance, and other business services; this was partially offset by a decrease in financial services. In Quarter 3 2016, imports of goods increased by 3.4%, due to an increase in unspecified goods. Imports of services decreased by 5.3% in Quarter 3 2016, due to a decrease in other business services. Between 2014 and 2015, exports increased by 6.1%, while imports increased by 5.5%.

Figure 9: UK trade balance

Quarter 3 (July to Sept) 2012 to Quarter 3 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).

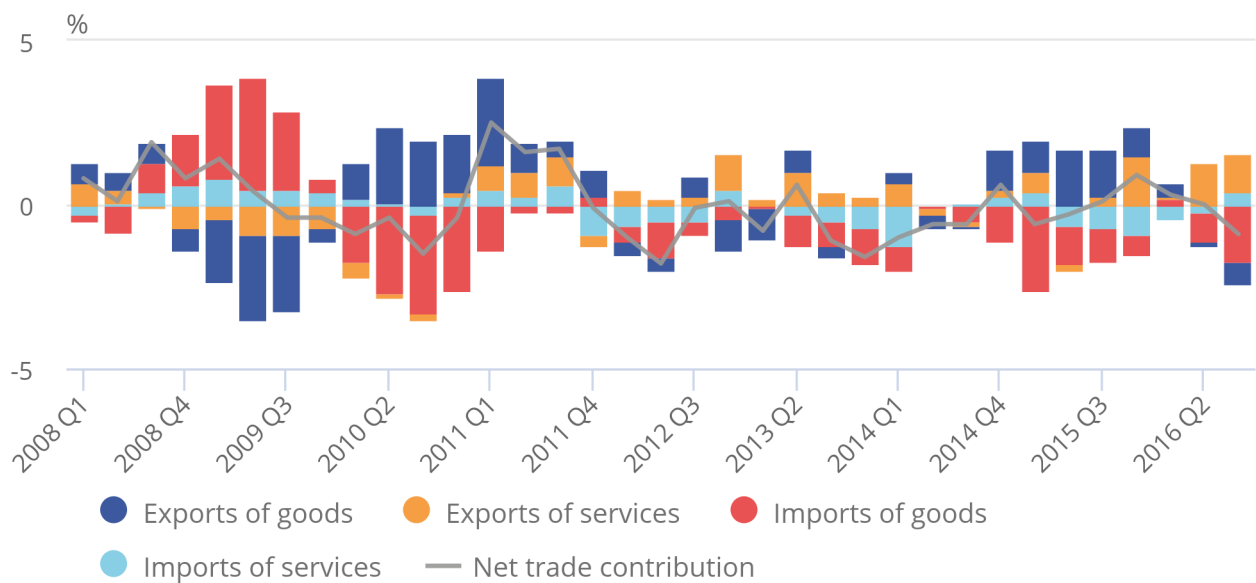
Figure 10 shows a breakdown of the trade components and their contribution to GDP growth from Quarter 1 (Jan to Mar) 2008 to Quarter 3 2016. The series indicates that in the latest quarter, the UK trade balance has made a negative contribution to GDP growth. When comparing Quarter 3 2015 with Quarter 3 2016, exports of goods decreased by 3.9%, reducing GDP growth by 0.7 percentage points. This was partially offset by 10.1% growth in exports of services, which contributed 1.2 percentage points to GDP growth.

Figure 10: UK net trade components contribution to GDP, quarter-on-same-quarter previous year

Quarter 1 (Jan to Mar) 2008 to Quarter 3 (July to Sept) 2016

Figure 10: UK net trade components contribution to GDP,
quarter-on-same-quarter previous year

Quarter 1 (Jan to Mar) 2008 to Quarter 3 (July to Sept) 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).

Table AB contains expenditure component growth rates and contribution to growth rates back to Quarter 1 2014.

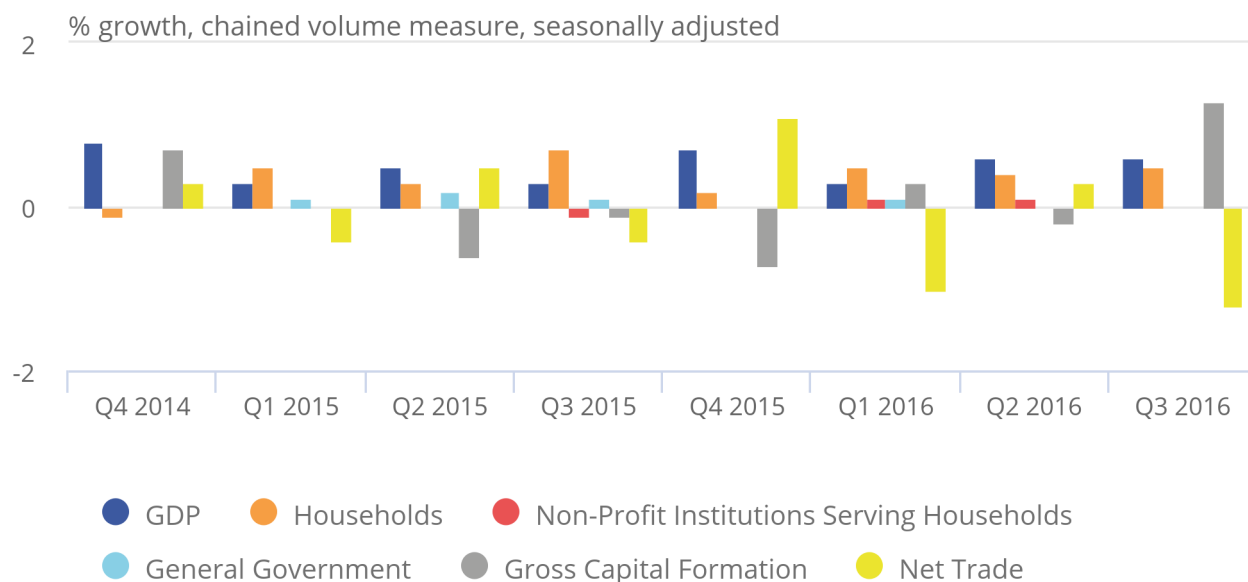
Figure 11 shows the quarterly contribution of the expenditure components to the growth of GDP in chained volume measures. For Quarter 3 2016, the largest positive contributions to GDP came from gross capital formation, which contributed 1.3 percentage points and household final consumption expenditure contributed 0.5 percentage points, whilst net trade contributed a negative 1.2 percentage points. A further explanation can be found in the Things You Need To Know section of this bulletin.

Figure 11: Expenditure components percentage contribution to UK GDP growth, quarter-on-quarter

Quarter 4 (Oct to Dec) 2014 to Quarter 3 (July to Sept) 2016

Figure 11: Expenditure components percentage contribution to UK GDP growth, quarter-on-quarter

Quarter 4 (Oct to Dec) 2014 to Quarter 3 (July to Sept) 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).

12 . GDP implied deflator, Table A1

The gross domestic product (GDP) implied deflator at market prices for Quarter 3 (July to Sept) 2016 is 1.7% above the same quarter of 2015 (Figure 12). The GDP implied deflator is calculated by dividing current price (nominal) GDP by chained volume (real) GDP and multiplying by 100 to convert to an index. It is not used in the calculation of GDP; the deflators for expenditure components, which are the basis for the implied GDP deflator, are used to calculate nominal GDP, not real GDP.

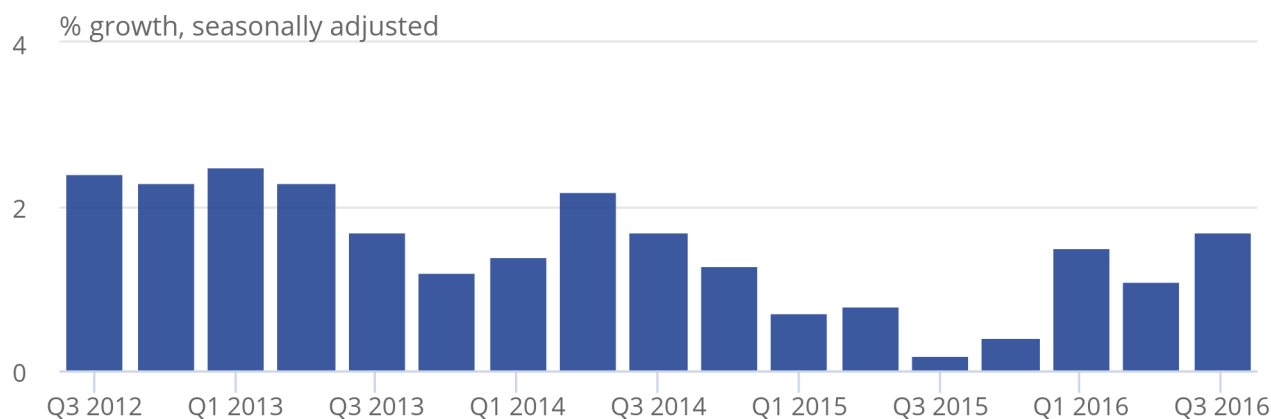
Table AD contains implied deflator component growth rates back to Quarter 1 (Jan to Mar) 2014.

Figure 12: UK GDP at market prices implied deflator, quarter-on-same-quarter of previous year

Quarter 3 (July to Sept) 2012 to Quarter 3 2016

Figure 12: UK GDP at market prices implied deflator, quarter-on-same-quarter of previous year

Quarter 3 (July to Sept) 2012 to Quarter 3 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).

13 . GDP analysed by income categories at current prices, Table D

Gross domestic product (GDP) at current market prices increased by 0.8% in Quarter 3 (July to Sept) 2016, following a 1.2% increase in Quarter 2 (Apr to June) 2016. GDP at current market prices increased by 4.0% when compared with Quarter 3 2015. In 2015, GDP at current market prices increased by 2.8%.

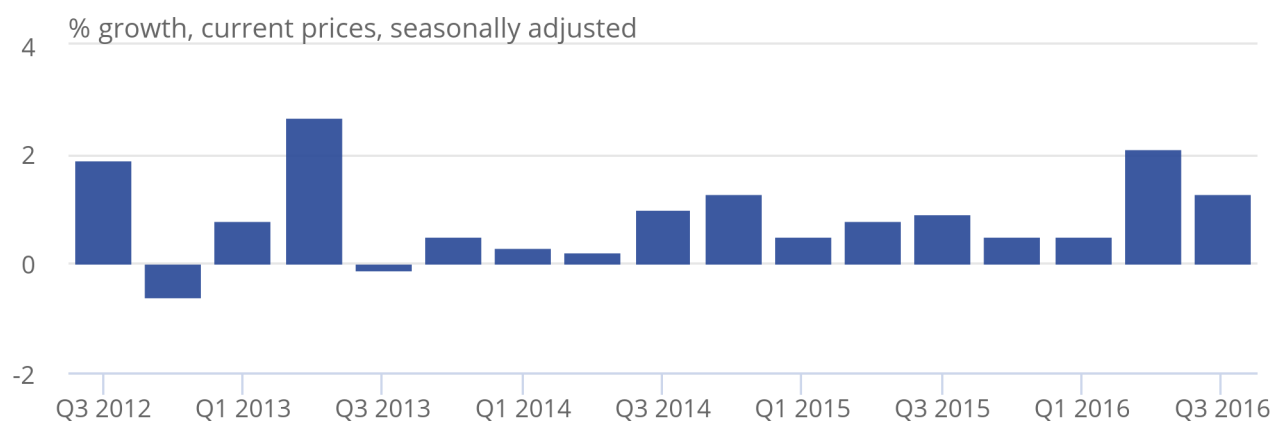
Compensation of employees – which includes both wages and salaries, and employers' social contributions, increased by 1.3% in Quarter 3 2016, following an increase of 2.1% in Quarter 2 2016 (Figure 13). Between Quarter 3 2015 and Quarter 3 2016, compensation of employees increased by 4.5%. In 2015, compensation of employees increased by 3.2%.

Figure 13: UK compensation of employees growth, quarter-on-quarter

Quarter 3 (July to Sept) 2012 to Quarter 3 2016

Figure 13: UK compensation of employees growth, quarter-on-quarter

Quarter 3 (July to Sept) 2012 to Quarter 3 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).

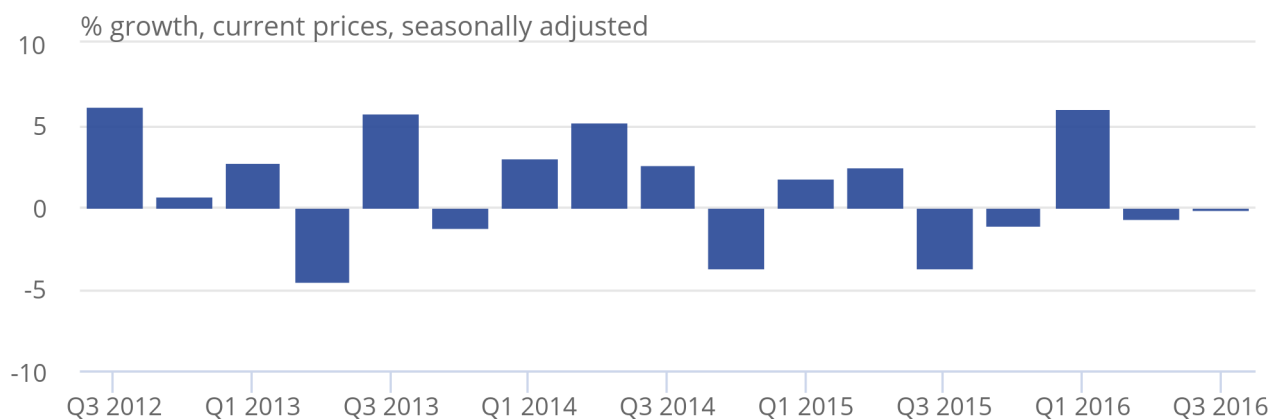
The gross operating surplus (GOS) of corporations (effectively the profits of companies operating within the UK), including the alignment adjustment, decreased by 0.2% in Quarter 3 2016 compared with the previous quarter, while Quarter 2 2016 decreased by 0.7% (Figure 14). Between 2014 and 2015, the GOS of corporations increased by 1.2%. More information on the alignment adjustment can be found in the Balancing GDP section within this release.

Figure 14: UK gross operating surplus of corporations' growth, quarter-on-quarter

Quarter 3 (July to Sept) 2012 to Quarter 3 2016

Figure 14: UK gross operating surplus of corporations' growth, quarter-on-quarter

Quarter 3 (July to Sept) 2012 to Quarter 3 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).

Taxes on products and production less subsidies increased by 0.3% in Quarter 3 2016, following an increase of 1.0% in Quarter 2 2016. Between 2014 and 2015, taxes on products and production less subsidies increased by 3.0%.

Table AC contains income component growth rates and contribution to growth rates back to Quarter 1 (Jan to Mar) 2014.

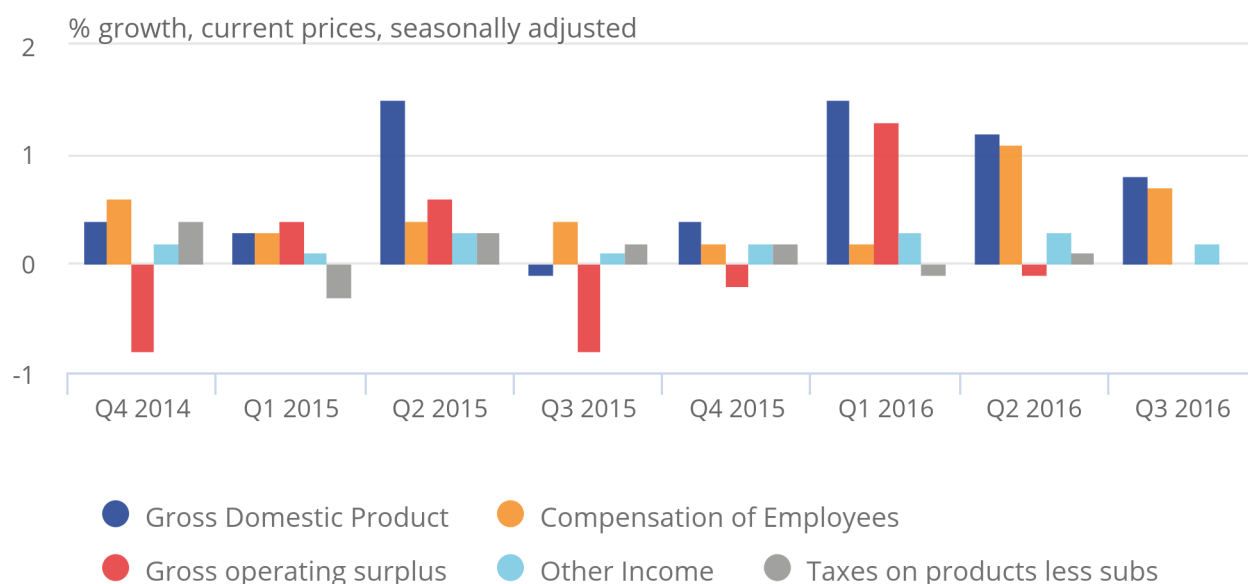
Figure 15 shows the contribution made by income components to current price GDP. In Quarter 3 2016, compensation of employees contributed a positive 0.7 percentage points, and other income contributed a positive 0.2 percentage points. Taxes on products and production less subsidies and gross operating surplus of corporations both showed flat contributions to GDP.

Figure 15: Income components percentage contribution to UK GDP growth, quarter-on-quarter

Quarter 4 (Oct to Dec) 2014 to Quarter 3 (July to Sept) 2016

Figure 15: Income components percentage contribution to UK GDP growth, quarter-on-quarter

Quarter 4 (Oct to Dec) 2014 to Quarter 3 (July to Sept) 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).

14 . Balancing GDP

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

The different data content of the 3 approaches 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 reconciled to produce an average. Annually, the estimates from all 3 approaches are reconciled through the creation of input-output supply and use tables for the years for which data are available.

For years in which there is no supply and use balance, a statistical discrepancy exists that reflects the differences between the published headline estimate of GDP and the expenditure and income estimates.

For all periods, the expenditure and income estimates are aligned to the published headline GDP figure. Although annual data is aligned for balanced years, there will still be quarterly differences for balanced and post-balanced years, due to timing and data content issues. These are dealt with by means of explicit alignment adjustments that are applied to specific components (gross operating surplus of private non-financial corporations in the income approach and changes in inventories in expenditure) to align the 3 approaches. As these are purely quarterly discrepancies, the alignments sum to zero over the year and are published explicitly in the GDP statistical bulletins. They are also published as “of which” items within the specific components, to enable users to ascertain the underlying picture.

Alignment adjustments, found in Table M of 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, for example.

The size and direction of the quarterly alignment adjustments in Quarter 3 (July to Sept) 2016 indicate that in this quarter, the levels of both expenditure and income were lower than that of output.

Table 2 shows the balancing adjustments applied to the GDP estimates in this publication.

Table 2: Balancing adjustments applied to the quarterly national accounts GDP dataset for Quarter 3 (July to Sept) 2016

GDP measurement approach and component adjustment applied to	Quarter 1 (Jan to Mar) 2015	Quarter 2 (Apr to June) 2015	Quarter 3 (July to Sept) 2015	Quarter 4 (Oct to Dec) 2015	Quarter 1 (Jan to Mar) 2016	Quarter 2 (Apr to June) 2016	Quarter 3 (July to Sept) 2016
Expenditure							
HHFCE							
current prices					+£525m	+£200m	+£200m
Valuables							
current prices					+£200m		+£600m
chained volume measures					+£200m		+£600m
Change in inventories							
current prices			+£400m	+£400m	+£100m	+£300m	+£300m
chained volume measures			+£400m	+£400m	+£100m	+£300m	+£300m
Trade in Services (exports)							
current prices	+£250m	+£250m	+£1000m	+£250m			
chained volume measures	+£250m	+£250m	+£1000m	+£250m			
Trade in Services (imports)							
current prices							-£800m
chained volume measures							-£800m
Income							
Gross operating surplus							
current prices					+£1340m		
Mixed Income							
current prices					+£390m		

Source: Office for National Statistics

15 . Gross Domestic Product (GDP) per head, Table P

In Quarter 3 (July to Sept) 2016, GDP per head (chained volume measure) increased by 0.4%, compared with Quarter 2 (Apr to June) 2016; this was revised from 0.3% published at the Second Estimate. GDP per head is now 1.5% above the pre-downturn peak in Quarter 1 (Jan to Mar) 2008, having surpassed it in Quarter 3 2015.

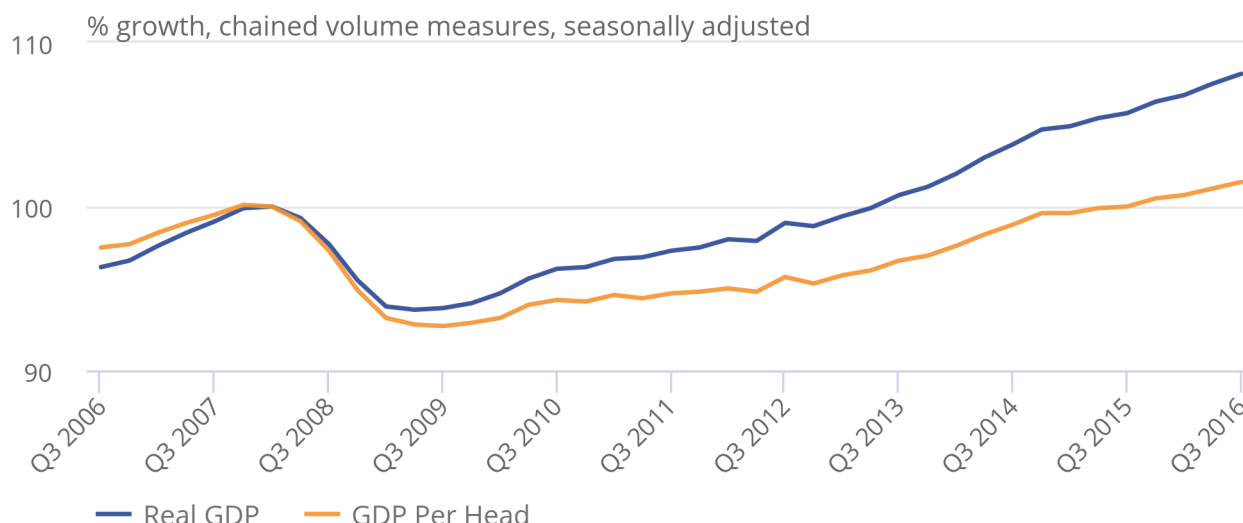
In comparison, GDP exceeded the level of its pre-downturn peak in Quarter 3 2013 (unrevised), and is now 8.1% above its pre-downturn peak (Figure 16).

Figure 16: Quarterly growth of GDP and GDP per head for the UK, indexed from Quarter 1 (Jan to Mar) 2008 = 100

Quarter 3 (July to Sept) 2006 to Quarter 3 2016

Figure 16: Quarterly growth of GDP and GDP per head for the UK, indexed from Quarter 1 (Jan to Mar) 2008 = 100

Quarter 3 (July to Sept) 2006 to Quarter 3 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 Quarter 3 2015 and Quarter 3 2016, GDP per head increased by 1.5% unrevised from the Second Estimate of GDP. Between 2014 and 2015, GDP per head also increased by an unrevised 1.4%, compared with a growth of 2.3% between 2013 and 2014.

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.

16 . Sector accounts, Tables I, J1, J2, J3, K1 and K2

Summary

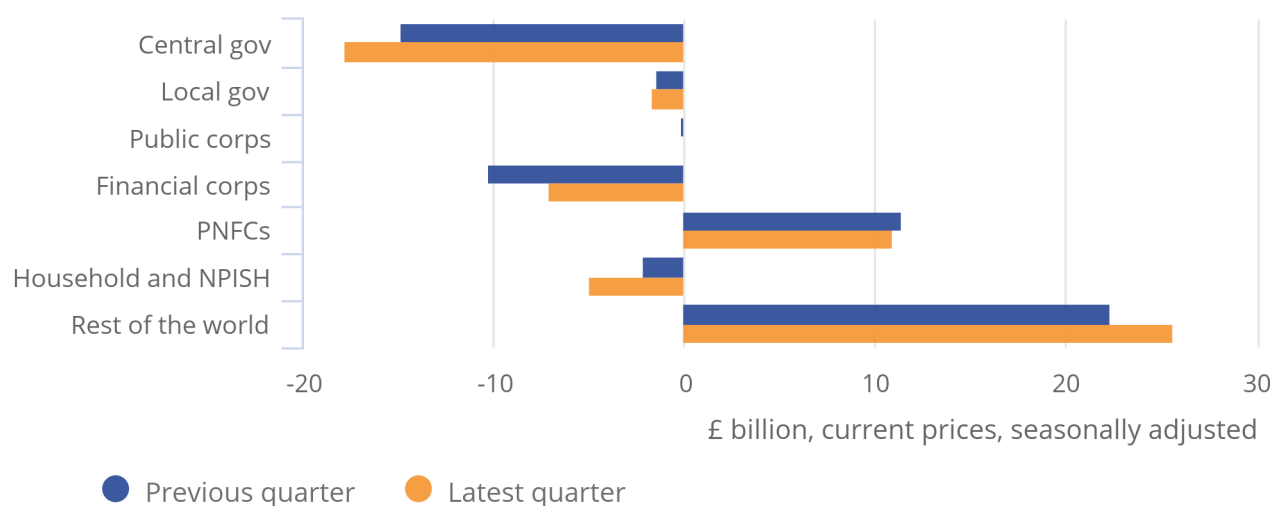
In Quarter 3 (July to Sept) 2016, the central government, local government, financial corporations and households and non-profit institutions serving households sectors were net borrowers. The public corporations, private non-financial corporations and rest of the world sectors were net lenders (Figure 17).

Figure 17: UK net lending(positive)/net borrowing (negative) by sector

Quarter 3 (July to Sept) 2016

Figure 17: UK net lending(positive)/net borrowing (negative) by sector

Quarter 3 (July to Sept) 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 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

Compared with the previous quarter, public corporations switched from net borrowers to net lenders. All other sectors remain unchanged.

Table I has further detail.

17 . The households and non-profit institutions serving households (NPISH) sector (Tables J1, J2 and J3)

Saving ratio:

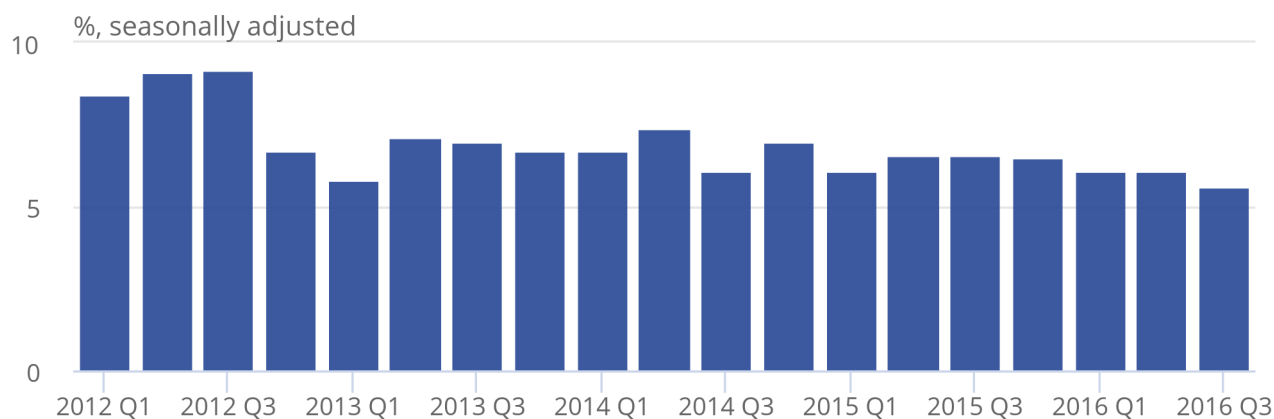
The saving ratio for Quarter 3 (July to Sept) 2016 was 5.6%, compared with 6.1% in the previous quarter (Figure 18).

Figure 18: UK household and NPISH saving ratio

Quarter 1 (Jan to Mar) 2012 to Quarter 3 (July to Sept) 2016

Figure 18: UK household and NPISH saving ratio

Quarter 1 (Jan to Mar) 2012 to Quarter 3 (July to Sept) 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).

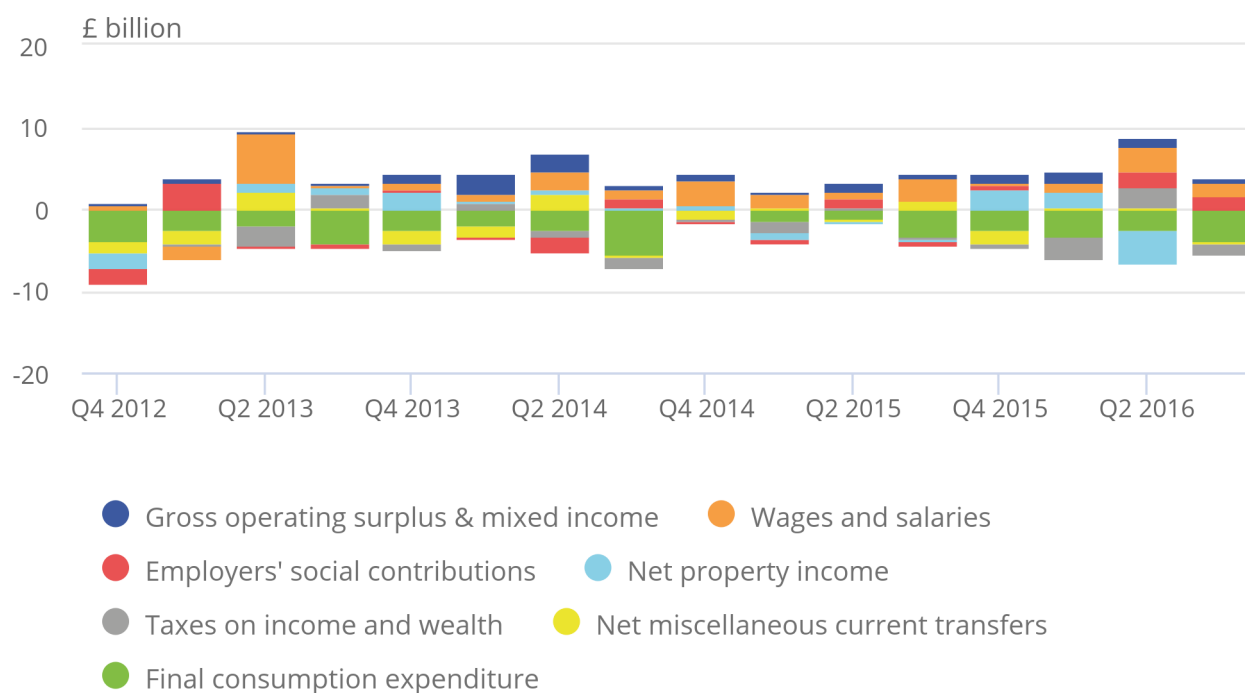
The fall in the saving ratio primarily reflects rises in final consumption expenditure and taxes on income and wealth, partially offset by rises in employers' social contributions, wages and salaries and gross operating surplus and mixed income.

Figure 19: UK main household and NPISH saving ratio components

Quarter 4 (Oct to Dec) 2012 to Quarter 3 (July to Sept) 2016

Figure 19: UK main household and NPISH saving ratio components

Quarter 4 (Oct to Dec) 2012 to Quarter 3 (July to Sept) 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).

What is the saving ratio?

The saving ratio estimates the amount of money households and non-profit institutions serving households (NPISH) have available to save (known as gross saving) as a percentage of their total disposable income (known as total available resources). Both can be found in Table J3 of this release.

Gross saving estimates the difference between households and NPISH total available resources (mainly wages received, revenue of the self-employed, social benefits and net income such as interest on savings and dividends from shares, but excluding taxes on income and wealth) and their current consumption (expenditure on goods and services).

All of the components that make up gross saving and total available resources, and in fact all sector accounts data apart from real households disposable income (RHDI), are estimated in current prices (CP). These are sometimes known as nominal prices, meaning that they include the effects of price changes.

The saving ratio is published in both non-seasonally adjusted (NSA) and seasonally adjusted (SA) formats with the latter removing seasonal effects to allow comparisons over time. However, the saving ratio can be volatile and is sensitive to even relatively small movements to its components, particularly on a quarterly basis. This is because gross saving is a small difference between 2 numbers. It is therefore often revised at successive publications when new or updated data are included.

18 . Real households and NPISH disposable income

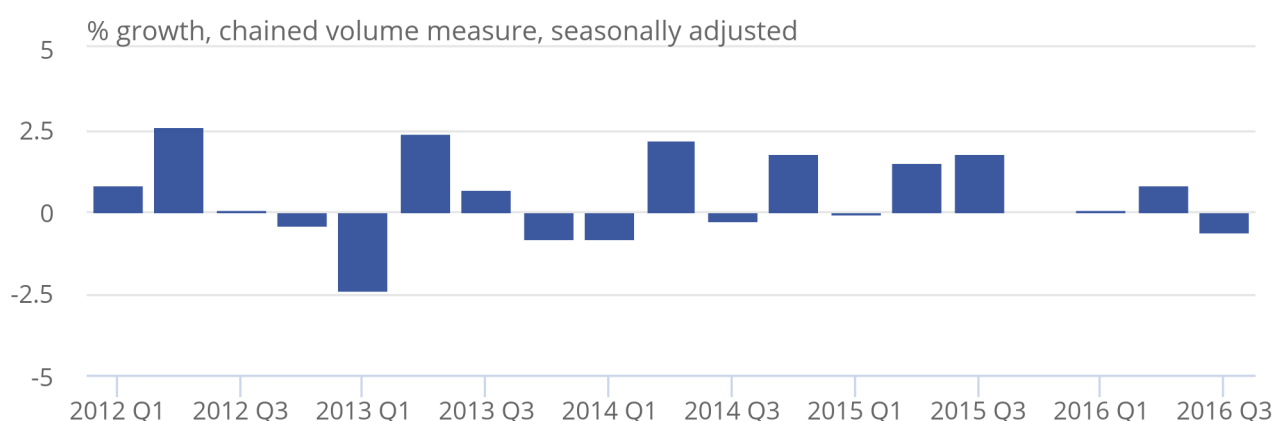
The level of real households and NPISH disposable income decreased by 0.6% in Quarter 3 (July to Sept) 2016, following an increase of 0.8% in the previous quarter (Figure 20).

Figure 20: UK real household and NPISH disposable income, quarter-on-quarter

Quarter 4 (Oct to Dec) 2012 to Quarter 3 (July to Sept) 2016

Figure 20: UK real household and NPISH disposable income, quarter-on-quarter

Quarter 4 (Oct to Dec) 2012 to Quarter 3 (July to Sept) 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).

This fall in the latest quarter primarily reflects a rise in taxes on income and wealth and a fall in net social benefits other than transfers in kind, partially offset by rises in wages and salaries and gross operating surplus and mixed income.

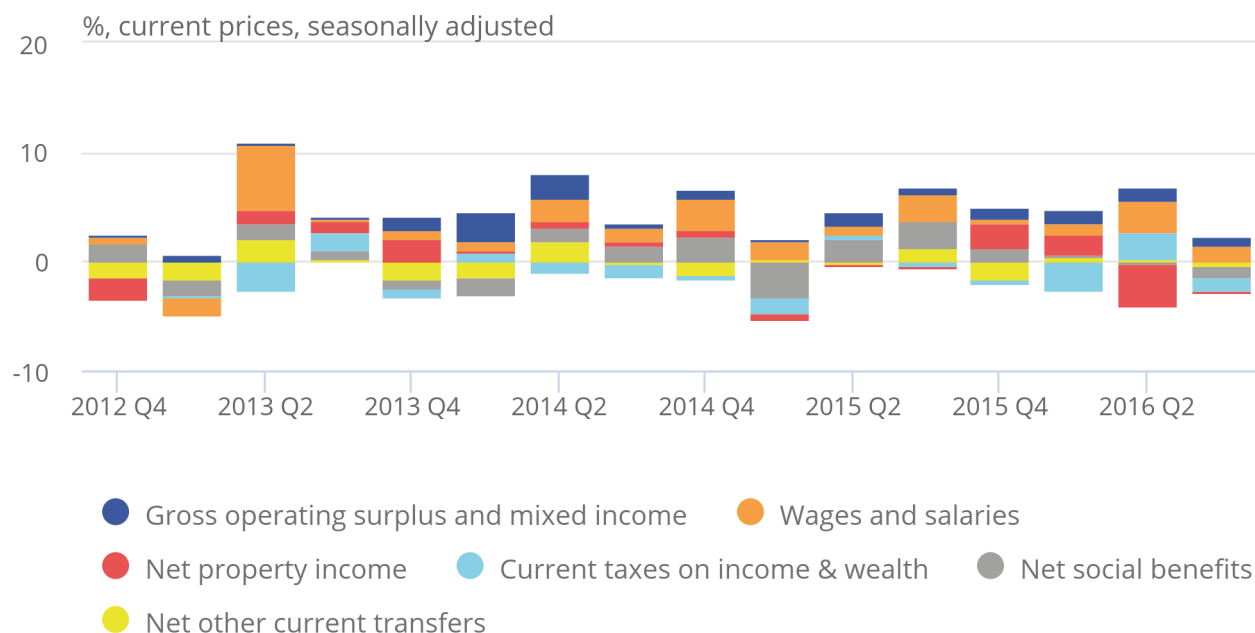
Figure 21 shows the main components contributing to the quarterly movement of households and NPISH gross disposable income.

Figure 21: Impact of main components on households and NPISH gross disposable income

Quarter 4 (Oct to Dec) 2012 to Quarter 3 (July to Sept) 2016

Figure 21: Impact of main components on households and NPISH gross disposable income

Quarter 4 (Oct to Dec) 2012 to Quarter 3 (July to Sept) 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).

What is real households and NPISH disposable income?

There are 2 measures of households and NPISH income, in real terms or in current prices (or nominal as it is often called), and both of these time series can be found in Table J2 of this release.

Gross households and NPISH disposable income (GDI) is the estimate of the total amount of money from income that households and NPISH have available from wages received, revenue of the self-employed, social benefits and net income (such as interest on savings and dividends from shares) less taxes on income and wealth. All the components that make up GDI are estimated in current prices.

However, by adjusting GDI to remove the effects of inflation, we are able to estimate another useful measure of disposable income called real disposable income. This is a measure of real purchasing power of households and NPISH incomes, in terms of the physical quantity of goods and services they would be able to purchase. We use the households and NPISH expenditure deflator (which can be found in Table J2 of this release) to remove the effects of price inflation.

19 . Private non-financial corporations sector (Tables K1 and K2)

Net lending of private non-financial corporations was £11.0 billion in Quarter 3 (July to Sept) 2016, following net lending of £11.4 billion in the previous quarter. This decrease in net lending in the latest quarter was due to a rise in gross capital formation and a fall in gross operating surplus, partially offset by a rise in net property income and other small changes.

For a more detailed coverage of the sector accounts, a new bulletin called [Quarterly Sector Accounts](#) is now being released alongside this bulletin covering all institutional sectors.

From March 2017, the sector accounts content contained within this bulletin will move to its new home within the Quarterly Sector Accounts bulletin.

20 . International comparisons for Quarter 3 (July to Sept) 2016

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.

The combined GDP for the Group of Seven (G7) countries increased by 0.6% when comparing Quarter 3 (July to Sept) 2016 with Quarter 2 (Apr to June) 2016, following growth of 0.3% in the previous quarter. There was positive growth in all G7 countries, France and Germany experienced growth of 0.2%. Whilst Italy and Japan experienced growth of 0.3%, the USA and Canada saw growth of 0.8% and 0.9% respectively (Table 3). The European Union (EU28) grew by 0.4% (Figure 22), marking 14 consecutive quarters of positive growth, and in the same period, the group of Euro Area countries (EA19) grew by 0.3%.

G7 GDP is now 8.1% above the pre-economic downturn peak in Quarter 1 (Jan to Mar) 2008 (Figure 23). Italy is the only G7 country with its GDP still below Quarter 1 2008, at 7.7% below its pre-downturn peak, and Canada has the strongest recovery in the G7, at 13.6% above the 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 3: International GDP growth rate comparisons, chained volume, seasonally adjusted

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	-0.1	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	0.5	0.4	0.5	0.2	0.8	0.0	0.8	0.6	0.5	0.6
Q1 2015	0.7	0.8	0.6	0.6	0.2	0.3	0.3	-0.2	1.5	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	0.4	0.4	0.2	0.7	0.1	-0.4	0.2
Q1 2016	0.5	0.5	0.4	0.6	0.7	0.4	0.3	0.7	0.7	0.2
Q2 2016	0.4	0.3	0.3	-0.1	0.4	0.1	0.6	-0.3	0.5	0.4
Q3 2016	0.4	0.3	0.6	0.2	0.2	0.3	0.6	0.9	0.3	0.8

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.

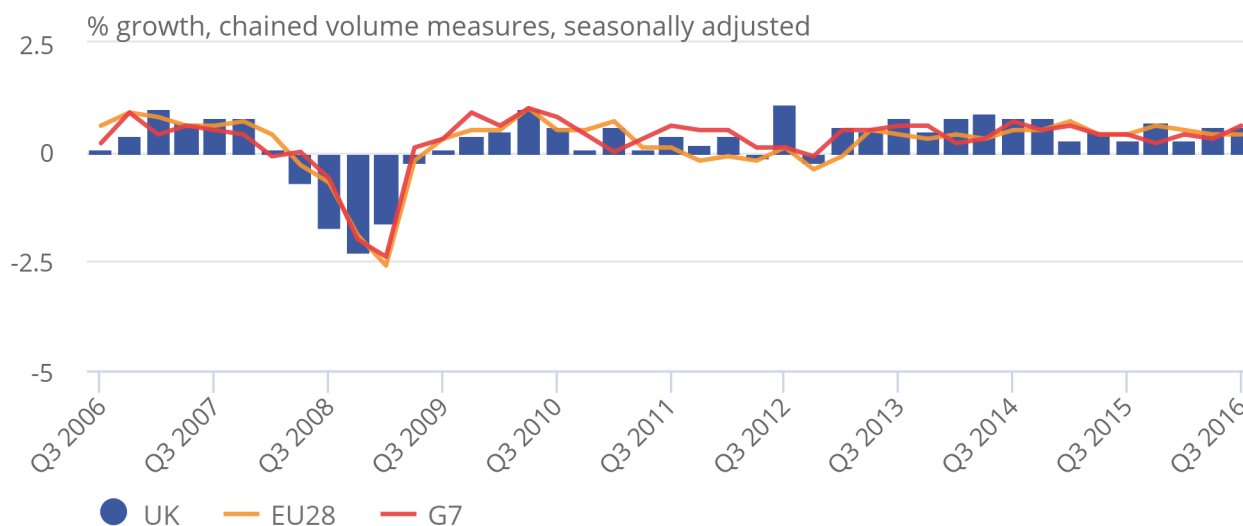
³. G7 is the Group of Seven countries.

Figure 22: International GDP growth rates, quarter-on-quarter

Quarter 3 (July to Sept) 2006 to Quarter 3 2016

Figure 22: International GDP growth rates, quarter-on-quarter

Quarter 3 (July to Sept) 2006 to Quarter 3 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).

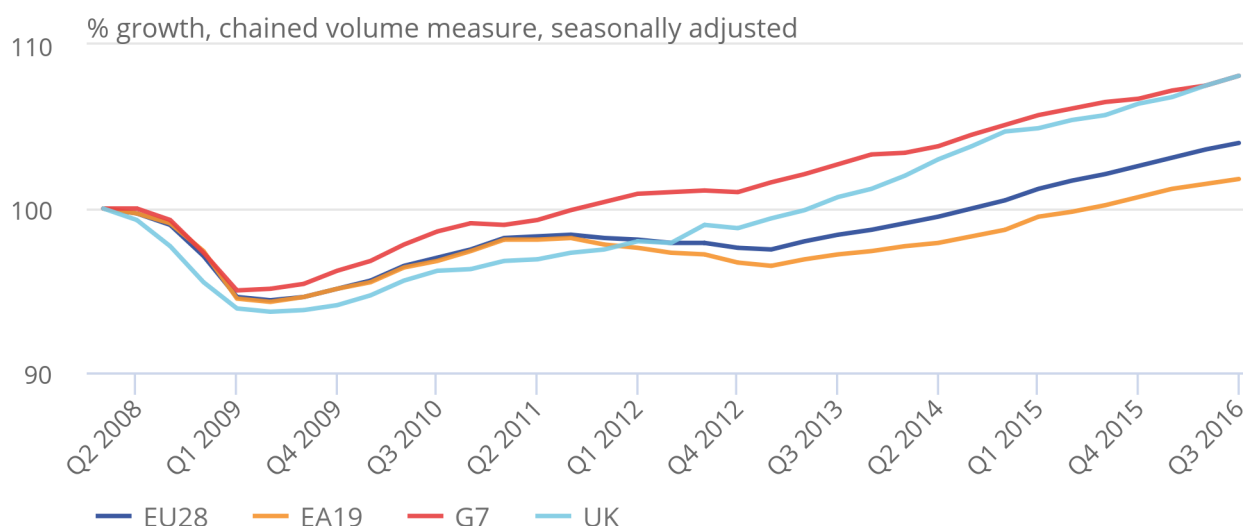
Figure 23 shows GDP for the UK, EU28, EA19 and G7 all indexed to Quarter 1 2008 (the pre-downturn peak in the UK) to allow comparison of each since that period.

Figure 23: International group growth since 2008

Quarter 1 (Jan to Mar) 2008 to Quarter 3 (July to Sept) 2016, Indexed to 2008 Quarter 1 = 100

Figure 23: International group growth since 2008

Quarter 1 (Jan to Mar) 2008 to Quarter 3 (July to Sept) 2016, Indexed to 2008 Quarter 1 = 100



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).

21 . Quarterly revisions

GDP and components, previously published on 25 November 2016

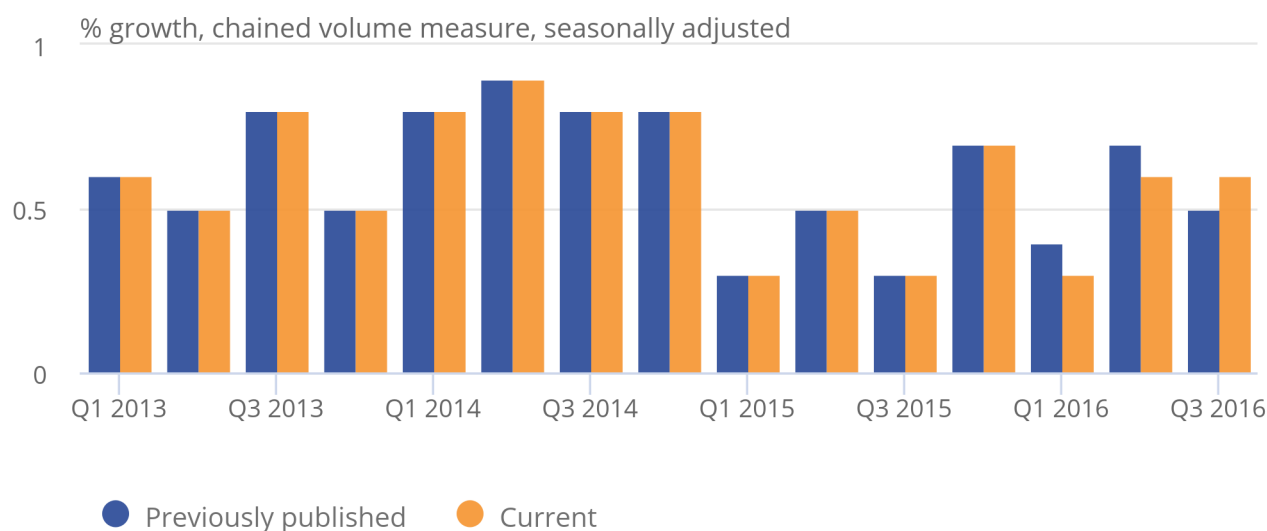
Figure 24 shows quarterly revisions between latest and previously published estimates of gross domestic product (GDP). Quarter 1 (Jan to Mar) 2015 is the first quarter open for revision in this release.

Figure 24: UK GDP, quarter-on-quarter growth

Quarter 1 (Jan to Mar) 2013 to Quarter 3 (July to Sept) 2016

Figure 24: UK GDP, quarter-on-quarter growth

Quarter 1 (Jan to Mar) 2013 to Quarter 3 (July to Sept) 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).

22 . Briefing on revisions to GDP

The 2015 picture

Annual gross domestic product (GDP) in volume terms was estimated to have increased by 2.2% in 2015 compared with 2014, unrevised from the previously published estimate. There are revisions to the 2015 quarterly levels, in particular to the detailed components of GDP, but there are no revisions to the 2015 headline GDP quarterly growth rates. The revisions to the more detailed components of GDP are mainly due to the planned correction of the processing error identified within the non-monetary gold and other precious metals series of UK trade and incorporating more robust annual data into the estimates. The processing correction of trade in non-monetary gold and other precious metals is explained in detail in the “Things you need to know” section and impact of the annual benchmarks are detailed in this section.

Impact of the 2015 annual benchmarks

This release includes the processing and GDP balancing of the following annual benchmarks:

- Local Government Final Outturn data for England and for Wales (for Financial Year 2015/16)
- Annual International Trade in Services Survey
- Financial Inquiries Surveys
- Regulatory and administrative data for insurance corporations and pension funds
- Association of British Insurers data for industry 65 (Insurance, reinsurance and pension funding, except compulsory social security)

Also please note the International Trade in Services benchmark did not feed in to the UK trade figures published on 9 December 2016 and therefore Quarterly National Accounts Quarter 3 (July to Sept) 2016 is the first opportunity to see the impact of this new data on UK trade.

The impact from the annual benchmarks on the 2015 dataset are presented for each of the affected components of output, expenditure and income in the remainder of this section.

Annual benchmark data changes to output components

In the output measure of GDP, annual benchmarks have been taken on in the financial services industries. This includes regulatory data for current price output of the insurance industry and direct volume measures from the Association of British Insurers. These annual benchmarks impact the insurance and reinsurance (65.1-2), pension funding (65.3) and activities auxiliary to financial services (66) industries. Quarterly revisions to the output measure of GDP in 2015 are small.

Annual benchmark data changes to expenditure components

Trade in goods (TiG): Although not impacted by the annual benchmark data changes, the large revisions are due to the correction of a processing error identified within the “erratics” series, details mentioned previously in this section.

Trade in services (TiS): Revisions to 2015 are mainly due to new, more robust (benchmark), data from the annual International Trade in Services Survey (ITIS) replacing earlier estimates from the smaller quarterly ITIS surveys. Additionally, new annual Financial Inquiries data and new regulatory data have revised insurance services. Annual estimates for both exports and imports chained volume measures, have been revised up in 2015; exports by £3.9 billion and imports by £3.1 billion.

Within exports, quarterly balancing adjustments, to improve the consistency of the quarterly path with the output and income approaches to GDP, contributed £1.75 billion of the total revision. Following on from this, the revised quarterly path needs to be constrained to the new annual level. The impact of the revised annual estimate does not have to be equally apportioned across the 4 quarters as statistical consideration has to be given to the pre-existing quarterly path and the impact of seasonal adjustment. This is why, although the overall annual revision may be upwards, there can still be downwards revisions to some of the quarterly growth rates.

A summary of the revisions is presented in Tables 4 and 5.

Table 4: Summary of revisions to imports of Trade in Services CP and CVM due to new benchmark data

£ million

Period	Total revision to imports of services, CP	Of which balancing adjustments	Of which annual benchmark	Total revision to imports of services, CVM	Of which balancing adjustments	Of which annual benchmark
Q1 2015	+138	0	+138	+290	0	+290
Q2 2015	+540	0	+540	+679	0	+679
Q3 2015	+928	0	+928	+982	0	+982
Q4 2015	+602	0	+602	+1 144	0	+1 144

Source: Office for National Statistics

Notes:

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

Table 5: Summary of revisions to exports of Trade in Services, CP and CVM due to new benchmark data

£million

Period	Total revision to exports of services, CP	Of which balancing adjustments	Of which annual benchmark	Total revision to exports of services, CVM	Of which balancing adjustments	Of which annual benchmark
Q1 2015	+1 078	+250	+828	+1 014	+250	+764
Q2 2015	+1 692	+250	+1 442	+1 507	+250	+1 257
Q3 2015	+520	+1 000	-480	+209	+1 000	-791
Q4 2015	+1 087	+250	+837	+1 176	+250	+926

Source: Office for National Statistics

Notes:

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

General government final consumption expenditure (GGFCE): Within the GGFCE composition, the local government (LG) revisions to current price data between Quarter 2 (Apr to June) 2015 and Quarter 1 (Jan to Mar) 2016 are largely driven by incorporating local government final outturn data for England and for Wales for the financial year ending 2016, replacing earlier forecasts based on budget data. The impact of incorporating this data has had minimal impact on revisions to the levels and growths, with very small differences between provisional and final outturn data.

Household final consumption expenditure (HHFCE): Revisions to 2015 data are mainly due to new data from the Living Costs and Food (LCF) Survey, the Department for Business, Energy and Industrial Strategy (BEIS), and the International Passenger Survey (IPS). New regulatory and administrative data for insurance corporations and pension funds is also a contributing factor to the revisions presented in the Classification of Individual Consumption by Purpose (COICOP) Miscellaneous category (12). A summary of revisions to HHFCE and the contribution to revisions from the Miscellaneous category are presented in Table 6.

Table 6: Summary of revisions to HHFCE due to new benchmark data

£million				
Period	Total revision to HHFCE	Total domestic revision		Total net tourism revision (IPS data)
		Of which, revision to 12 Miscellaneous		
Q1 2015	-138	-131	-28	-7
Q2 2015	-644	-615	-54	-29
Q3 2015	-327	-303	+20	-24
Q4 2015	-381	-384	-89	+3

Source: Office for National Statistics

Notes:

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

Annual benchmark data changes to income components

Financial corporations (FinCos): Revisions to 2015 data are mainly due to new data from the annual Financial Inquiries (FI) Survey replacing earlier estimates from the smaller quarterly financial surveys, with the headline FinCos series being revised up by £3.4 billion in 2015. As noted in the earlier briefing on TiS, the revised quarterly path needs to be constrained to the new annual level. The impact of the revised annual estimate does not have to be equally apportioned across the 4 quarters, as statistical consideration has to be given to the pre-existing quarterly path and the impact of seasonal adjustment. These new data were the main reason for the positive revisions to 2015 quarterly levels (Table 7).

Table 7: Summary of revisions to FinCos, current prices due to new benchmark data

£million	
Period	Total revision to FinCos due to new FI data
Q1 2015	+907
Q2 2015	+735
Q3 2015	+1026
Q4 2015	+780

Source: Office for National Statistics

Notes:

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

Compensation of employees (CoE): Revisions to CoE (D.1) were mainly downward with an overall annual downward revision of £1.6 billion to 2015. For all quarters of 2015, revisions were primarily due to downward revisions to employers' social contributions (D.12). The largest contributor to the D.12 downward revisions was funded pension scheme data, which are sourced from the regulatory and administrative data for insurance corporations and pension funds. A summary of the revisions to CoE is presented in Table 8.

Table 8: Summary of revisions to UK Compensation of Employees (CoE) due to new benchmark data

£million		
Period	Total revision to CoE	Of which, Total Employers' Social Contributions revision (D.12)
Q1 2015	-306	-367
Q2 2015	+110	-30
Q3 2015	-978	-827
Q4 2015	-426	-586

Source: Office for National Statistics

Notes:

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

The latest quarterly headline picture

Table 9 shows quarterly revisions between latest and previously published estimates of GDP. The periods open for revision in this release are Quarter 1 (Jan to Mar) 2015 onwards. Growth rates and revisions have, as usual, been presented to 1 decimal place.

Table 9: Revisions to quarter on quarter percentage change growth rates for GDP

Period	Quarter-on-quarter previously published	Quarter-on-quarter latest estimate	Total quarter-on-quarter revision
	% growth	% growth	% growth
Q1 2015	+0.3	+0.3	+0.0
Q2 2015	+0.5	+0.5	+0.0
Q3 2015	+0.3	+0.3	+0.0
Q4 2015	+0.7	+0.7	+0.0
Q1 2016	+0.4	+0.3	-0.1
Q2 2016	+0.7	+0.6	-0.1
Q3 2016	+0.5	+0.6	+0.1

Source: Office for National Statistics

Notes:

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

In addition to the annual benchmarks which, as discussed previously, contribute to the quarterly revisions, there are also revisions in this release due to the replacement of forecasts with actual survey or external source data and new seasonal adjustment factors. For a fuller picture, the revisions to contributions to GDP growth are presented in Table 10.

Table 10: Revisions to contributions to GDP growth

Seasonally adjusted

Period	Q1 2015	Q2 2015	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Q3 2016
	pp revisions	pp revisions	pp revisions	pp revisions	pp revisions	pp revisions	pp revisions
Household final consumption expenditure	0.0	-0.1	0.1	0.0	0.1	-0.1	0.1
Non-profit institutions serving households							
final consumption expenditure	0.0	0.0	0.0	0.0	0.0	0.0	0.0
General government final consumption expenditure	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Gross capital formation	0.0	-0.6	-0.1	-0.7	0.3	-0.2	1.3
Exports	0.3	0.1	-0.1	0.5	-0.9	0.7	-1.0
Imports	0.2	-0.2	0.0	-0.2	0.0	-0.3	0.9
Net trade	0.1	0.3	-0.1	0.7	-0.9	1.0	-1.9
GDP at market prices, chained volume measure	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1
Compensation of employees	-0.1	0.1	-0.2	0.1	0.1	0.1	0.0
Gross operating surplus of corporations	-0.1	0.3	0.2	-0.2	0.1	-0.1	-0.2
Other income	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Taxes less subsidies	0.0	0.0	0.0	0.0	0.0	0.0	0.1
GDP at market prices, current prices	-0.1	0.3	0.0	-0.1	0.3	-0.3	0.0

Source: Office for National Statistics

Notes:

1. Q1 is Quarter 1 (Jan to Mar), Q2 is Quarter 2 (Apr to June), Q3 is Quarter 3 (July to Sept) and Q4 is Quarter 4 (Oct to Dec).
2. pp = percentage points.
3. May not sum due to rounding.
4. Although shown to 1 dp there are revisions (positive and negative contributions) although these are small.

Revisions to headline GDP quarter-on-quarter growth, chained volume measures

GDP for Quarter 1 (Jan to Mar) 2015 is unrevised at 0.3%. GDP components were broadly unrevised with a small (0.1 percentage points (pp)) upward contribution from net trade. although this revision was not enough to change the overall GDP growth.

GDP for Quarter 2 (Apr to June) 2015 is unrevised at 0.5%. Within the expenditure components, the large downward revision to gross capital formation (largely attributed to the valuables component) was partially offset by an upward revision to net trade along with smaller upward revision impacts from non-profit institutions serving households and gross fixed capital formation. This offsetting trade in goods and valuables impact has been explained in the “Things you need to know” section. Within the income components, gross operating surplus of corporations was the largest contributor to the revision with financial corporations accounting heavily for this upward revision (see earlier in this section for impact of annual benchmarks).

GDP for Quarter 3 (July to Sept) 2015 is unrevised at 0.3%. Downward revisions to the expenditure components were seen in both gross capital formation and net trade of negative 0.1 pp, with an offsetting upward revision to household final consumption expenditure of 0.1pp. Gross operating surplus of corporations was an upward contributor to the revisions, with financial corporations accounting heavily for this upward revision – which is reflected in the annual benchmark impact discussed earlier. This was offset by a downward revision to compensation of employees of 0.2pp.

GDP for Quarter 4 (Oct to Dec) 2015 is unrevised at 0.7%. The downward revision to gross capital formation of negative 0.7pp is completely offset by an upward revision to net trade of 0.7pp and the GDP neutral impact is explained in the “Things you need to know” section. Gross operating surplus of corporations was a downward contributor to the revisions, with financial corporations accounting heavily for this downward revision. This was offset by an upward revision to compensation of employees of 0.1pp.

GDP for Quarter 1 (Jan to Mar) 2016 was revised down by 0.1pp to 0.3%, with expenditure components contributing most to the downward revision. Net trade was the largest contributor to the revision, being revised down 0.9pp driven by revisions to both trade in goods and trade in services, which was slightly offset by an upward revision to gross capital formation of 0.3pp.

GDP for Quarter 2 (Apr to June) 2016 has been revised down by 0.1 percentage points to 0.6% with downward revisions to HHFCE and gross capital formation but offsetting upward revisions to net trade driven by an upward revision to the fuels commodity within trade in goods.

In Quarter 3 (July to Sept) 2016, the data content for the output approach is more complete than the expenditure and income approaches. Consequently, the expenditure and income growth rates are aligned to the output measure – with the quarterly imbalance being absorbed in the alignment adjustments (the difference between output and expenditure, and output and income on a quarterly basis). Therefore the briefing on this quarter focuses on the output approach.

The revisions to contributions to GDP Quarter 3 2016 growth for the output components are presented in Table 11.

Table 11: Revisions to contributions to GDP Q3 2016

Seasonally adjusted

Quarter-on-quarter contribution to growth current period	Q3 2016
	% revision
Agriculture, forestry and fishing	0.0
Total production	0.0
Total services	0.1
Of which:	
Distribution hotels and restaurants	0.0
Transport storage and communication	0.0
Business services and finance	0.1
Government and other services	0.0
Construction	0.0
Gross Value Added by category of output, chained volume measures	0.10

Source: Office for National Statistics

Notes:

1. May not sum due to rounding.
2. Q3 is Quarter 3 (July to Sept).

GDP for Quarter 3 (July to Sept) 2016 has been revised up by 0.1pp to 0.6%. This is due to upward revisions for the services industries within the output approach to measuring GDP from the business services and finance industries – which was revised up 0.5pp to 0.8%. The largest contributors to the revision were: financial services, insurance, and pensions fund industries (64 to 66). These revisions were mainly due to real data replacing forecasts and upward revisions to insurance survey data.

Table 12 shows revisions to the quarter–on–same–quarter a year ago growth for GDP.

Table 12: Revisions to quarter on same quarter a year ago GDP

Seasonally adjusted

	Quarter-on-same-quarter-a- year- ago previously published	Quarter-on-same-quarter-a-year- ago latest estimate	Total quarter-on-same-quarter- a- year-ago revision
	% growth	% growth	% growth
Q1 2015	+2.8	+2.8	+0.0
Q2 2015	+2.4	+2.4	+0.0
Q3 2015	+1.9	+1.8	-0.1
Q4 2015	+1.7	+1.7	+0.0
Q1 2016	+1.9	+1.8	-0.1
Q2 2016	+2.1	+2.0	-0.1
Q3 2016	+2.3	+2.2	-0.1

Source: Office for National Statistics

Notes:

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

The revisions for the quarter-on-same-quarter a year ago growths for GDP in 2016 are due to revisions in both 2016 and 2015, while the revisions for the quarter-on-same-quarter a year ago growths for GDP in 2015 are due to revisions in 2015, as 2014 has been unrevised in this release. The revisions to contributions to GDP growth are presented in Table 13.

Table 13: Revisions to contributions to GDP growth

seasonally adjusted, revision %

	Q1 2015	Q2 2015	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Q3 2016
quarter-on-same-quarter -a-year-ago revisions to contributions to growth, expenditure components, current period							
Household final consumption							
expenditure	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0
Non-profit institutions serving households							
final consumption expenditure	0.0	0.0	0.0	0.0	0.0	0.0	0.0
General government final consumption expenditure	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Gross capital formation	1.6	0.7	-0.1	-1.5	-1.1	-0.7	0.8
Exports	0.3	0.4	0.3	0.8	-0.4	0.2	-0.7
Imports	0.2	0.0	0.0	-0.1	-0.3	-0.4	0.5
Net trade	0.1	0.4	0.3	0.9	-0.1	0.7	-1.2
GDP at market prices, chained volume measure	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1
quarter-on-same-quarter -a-year-ago revisions to contributions to growth, income components, current period							
Compensation of employees	-0.1	0.0	-0.2	-0.1	0.1	0.1	0.3
Gross operating surplus of corporations	-0.1	0.2	0.4	0.2	0.4	0.0	-0.4
Other income	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Taxes less subsidies	0.0	0.0	0.0	0.0	0.0	0.0	0.1
GDP at market prices, current prices	-0.1	0.2	0.2	0.1	0.5	0.0	0.0

Source: Office for National Statistics

Notes:

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

2. May not sum due to rounding.

Detailed revisions for the 3 GDP approaches

Output revisions are shown in Table AE, expenditure revisions are shown in Table AF and income revisions are shown in Table AG.

Sector accounts revisions, previously published 30 September 2016

Sector accounts revisions are shown in Table AH.

23 . Quality and methodology

The [Quality and Methodology Information report](#) for this statistical bulletin contains important information on:

- the strengths and limitations of the data and how it compares with related data
- users and uses of the data
- how the output was created
- the quality of the output including the accuracy of the data

24 . A brief explanation of non-monetary gold in national accounts

Introduction

Non-monetary gold (NMG) is an erratic series that is a component of trade in goods and services; it also appears within gross capital formation (GCF) as valuables. There have been some large revisions to this series recently. This section explains why neither the erratic path of NMG nor revisions to trade in NMG have an impact on gross domestic product (GDP) – the effect is GDP neutral.

What is Non-Monetary Gold?

Gold may be held as a reserve asset by a monetary authority. If so, this gold is classified as monetary gold and is recorded in the financial account. However, others may hold gold such as jewellery as a store of wealth. Gold that is not held as a reserve asset by a monetary authority is classified as NMG. When gold is held in an allocated account, full legal ownership of the physical gold itself is given to the account owner. In this instance, transactions involving the gold feed into trade in goods or valuables.

Trade in NMG (that is, gold bullion, gold coin, unwrought or semi-manufactured gold and scrap) is included within the erratic component of UK net exports (Exports (X) minus Imports (M)). Whereas, trade in finished manufactures of gold (for example, jewellery) are included elsewhere in net exports as trade in goods.

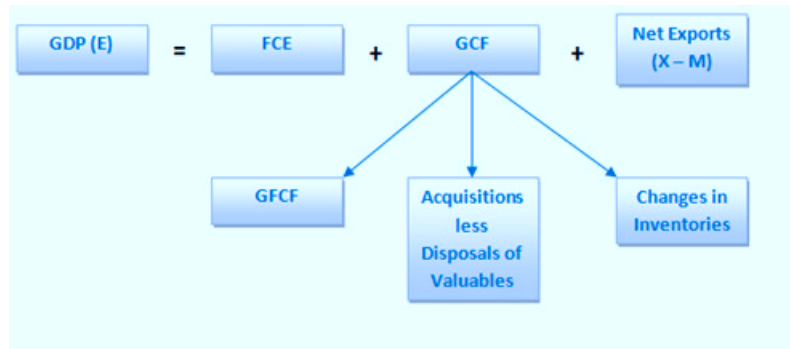
Acquisitions less Disposals of Valuables

Acquisitions less disposals of valuables are non-financial assets that are not used up in production or consumption, do not deteriorate (physically) over time under normal conditions, and are acquired and held primarily as stores of value in the expectation that their value will increase over time. Valuables consist of works of art, precious metals (including NMG), and stones and articles of jewellery fashioned out of said materials.

GDP Neutrality

Trade in existing NMG (gold that is already being held as a valuable) tends to be a very volatile series despite being smoothed via a moving average. This trade in NMG is GDP neutral (not impacting GDP) as explained through the mechanisms in this section. It should be noted that, while the trade of existing NMG itself is GDP neutral, there are separate costs of ownership transfer on valuables, which are treated as intermediate consumption in the national accounts.

Mechanisms



The expenditure method of measuring GDP (GDP (E)) is made up of final consumption expenditure (FCE), GCF, and net exports. GCF is subdivided into gross fixed capital formation (GFCF), acquisitions less disposals of valuables, and changes in inventories.

From this explanation; in calculating GDP (E), exports of NMG have a positive impact on net exports whilst imports have a negative impact. However, when NMG is exported there is a corresponding decrease in GCF (valuables) held within the UK; the opposite can be said for importing NMG. When NMG is imported there is a corresponding increase in GCF (valuables) held within the UK.

For example, suppose that a resident that is not a monetary authority purchases an amount of gold equivalent to £1 million and the gold is purchased from a foreign party. Imported gold is seen as an acquisition of a valuable as the gold enters the UK; however, £1 million is subtracted from GDP due to the import. As the value of the gold acquisition and the import cancel out, the net effect is a GDP neutral impact on UK GDP. The opposite can be said for exporting gold abroad; if £1 million worth of gold was sold to a foreign party then this is a disposal of gold equal to £1 million (a reduction in acquisitions less disposals of valuables of £1 million) yet £1 million is added to UK GDP via the transaction (an increase in net exports of £1 million).

25. Background notes

What do you think?

1. We welcome your feedback on this publication. If you would like to get in touch please contact us via email: gdp@ons.gsi.gov.uk

Release policy

2. This release includes data available up to 15 December 2016 and is consistent with population estimates published on 23 June 2016, the [Index of Production statistical bulletin](#), published on 7 December 2016 and the current price trade in goods data within the [UK trade statistical bulletin](#), published on 9 December 2016.

Release content and context

3. This release is the third estimate of GDP. Data content for each successive release of GDP varies according to availability.
4. The preliminary estimate of GDP is based on output data alone. These are based on survey estimates for the first 2 months of the quarter with estimates for the third month of the quarter based on forecasts using early returns from businesses. Other (non-survey based) data used in the compilation of the output approach are also based on forecasts.
5. For the second estimate of GDP output estimates, based on survey data, are available for all 3 months of the quarter, in addition to other significant data sources. Estimates of the expenditure and income approaches to measuring GDP are also available in this release based on a combination of limited survey data, other data sources and forecasts.

6. For the Quarterly National Accounts (QNA) release, output survey data are available for all 3 months of the quarter, along with most other data sources. For the expenditure and income approaches to measuring GDP, more extensive survey data are available, in addition to other data sources and a more limited use of forecasts.
7. After this release, the current quarter will be subject to revision in accordance with the [National Accounts Revisions Policy](#) as further data, annual benchmarks and methodological improvements are implemented.
8. For more information on the different estimates of GDP, we have produced [A Short Guide to the UK National Accounts](#) which gives more information on the principles of national accounting and the various publications available.
9. For further information regarding non-seasonally adjusted data, please refer to the UK economic accounts. It can be downloaded directly from the [UK Economic Accounts dataset](#) and on the [UK Economic Accounts main aggregates](#) dataset.

Blue Book 2017

10. An article was published on 21 September 2016 describing the [planned scope and content of the “UK National Accounts, The Blue Book: 2017 edition”](#), and the “UK Balance of Payments, The Pink Book: 2017 edition”, due to be published on 31 October 2017.

Amendment to metadata

11. As part of ONS’s continuing quality assurance process, it was discovered in Tables C1, C2, O and R of the second estimate of GDP and quarterly national accounts that the title “Domestic expenditure on goods and services at market prices” was being erroneously used. In order to improve clarity, the title has been amended to “National expenditure on goods and services at market prices”. Three series identifiers are also affected, YBIL, YBIM and MNE2. Their metadata will be amended from “Total domestic expenditure” to “Total” in line with Tables 1.1.2 and 1.1.13 of the UK Economic Accounts for YBIL and YBIM and from “Gross domestic expenditure” to “Gross national expenditure” for MNE2. All relevant tables have been updated in the Quarterly National Accounts release published today. This has had no impact on data.

ONS apologises for any inconvenience.

Economic Statistics and Analysis Strategy

12. On 28 September 2016, we published an update to the [Economic and Analysis Strategy \(ESAS\)](#), which is used to prioritise and guide our work on economic statistics. We have already produced a strategy for the national accounts and the ESAS encompasses this and goes wider to cover all economic statistics.

VAT project

13. 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.

The next article is due to be published in 2 February 2017 and we would welcome feedback on how we could potentially improve our methods and data. Please contact us with your views: vatdev@ons.gsi.gov.uk

National accounts classification decisions

14. The UK National Accounts are produced under internationally agreed guidance and rules set out principally in the [European System of Accounts \(ESA 2010\)](#) and the accompanying [Manual on Government Deficit and Debt – Implementation of ESA 2010 – 2016 edition](#).
15. In the UK, we are responsible for the application and interpretation of these rules. Therefore we make [classification decisions](#) based upon the agreed guidance and rules, and these are published on our website.

Economic context

16. We will continue to publish commentary on the latest GDP estimate and our other economic releases in line with the move to monthly “theme days” for economic statistics from the start of 2017.

Important quality issues

17. Common pitfalls in interpreting series:

- 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”. In this context the word refers to the uncertainty inherent in any process or calculation that uses sampling, estimation or modelling. Most revisions reflect either the adoption of new statistical techniques or the incorporation of new information which allows the statistical error of previous estimates to be reduced. Only rarely are there avoidable “errors” such as human or system failures and such mistakes are made quite clear when they do occur.

Reliability

18. 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. Tables 14 and 15 provide a summary of the size and direction of the revisions that have been made to data covering a 5-year period. A statistical test has been applied to the average revision to find out if it is statistically significantly different from zero. An asterisk (*) shows if the result of the test is significant.

Revisions to GDP estimates

19. Table 14 shows the revisions to early estimates of GDP over the last 5 years. The analysis of revisions between month 1 (preliminary) and month 2 (second) estimates uses estimates from January 2012 (Quarter 4 (Oct to Dec) 2011) to November 2016 (Quarter 3 (July to Sept) 2016). The analysis of revisions between month 2 and month 3 (third estimate of GDP) uses estimates from February 2012 (Quarter 4 2011) to December 2016 (Quarter 3 2016).

Table 14: Revisions to early estimates of UK GDP, quarter on quarter percentage change growth

	Estimate in latest period	Revisions between M1 and M2		Revisions between M2 and M3	
	% growth	Average over the last 5 years	Average over the last 5 years without regard to sign (average absolute revision)	Average over the last 5 years	Average over the last 5 years without regard to sign (average absolute revision)
GDP growth (quarterly, CVM)	0.6	0.01	0.02	0.02	0.05

Source: Office for National Statistics

Notes:

1. M1 refers Preliminary Estimate of GDP, M2 refers Second Estimate of GDP, M3 refers Quarterly National Accounts.

20. Table 15 shows the revisions to GDP growth between the estimate published 3 months after the end of the quarter and the equivalent estimate 3 years later. The analysis uses month 3 estimates, first published from March 2009 (Quarter 4 2008) to December 2013 (Quarter 3 2013) for GDP.

Table 15: Revisions to month 3 estimates of UK GDP, quarter on quarter percentage change growth

	Estimate in latest period	Revisions between first publication and estimates 3 years later	
	% growth	Average over the last 5 years	Average over the last 5 years without regard to sign (average absolute revision)
GDP growth (quarterly, CVM)	0.6	0.14	0.28
Household saving ratio	5.6	1.43	1.49

Source: Office for National Statistics

21. Revisions triangles for the main components of GDP from expenditure, output and income approaches and spreadsheets, containing [revisions triangles \(real time databases\)](#) of estimates from 1992 to date and the calculations behind the averages in both tables are available on our website.
22. Revisions triangles are now consistent with data within this release. Further information
23. You can get the latest copies of this and all our other releases through [the release calendar on our website](#).
24. Details of the [policy governing the release of new data](#) are available from the [UK Statistics Authority](#). Also available is a [list of the ministers and officials who have pre-publication access](#) to the contents of this bulletin.
25. 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 respondent charters for [households](#), on our website.

Next publications: UK GDP, preliminary estimate: Oct to Dec 2016 26 January 2017 UK GDP, second estimate: Oct to Dec 2016 23 February 2017 UK quarterly national accounts: Oct to Dec 2016 31 March 2017

A1 National accounts aggregates¹

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	Gross national disposable income at market 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	YBFP	L48H	YBFV	YBGB	CGBV
2012	96.3	96.4	98.1	98.6	98.2	98.5	98.8	98.1	97.7
2013	100.0	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	103.0	103.8	101.1	101.6	101.3
2015	107.7	107.6	105.3	105.9	105.4	107.0	101.3	102.2	101.6
Seasonally adjusted									
2013 Q2	99.3	99.4	99.6	99.7	100.2	99.7	99.8	99.7	99.7
Q3	100.8	100.7	100.4	100.2	100.2	100.2	100.3	100.4	100.5
Q4	101.2	101.0	100.9	100.7	100.4	100.8	100.5	100.4	100.3
2014 Q1	102.7	102.6	101.7	101.8	101.5	102.0	101.1	101.0	100.8
Q2	104.6	104.5	102.7	102.9	103.0	103.3	101.2	101.9	101.5
Q3	105.7	105.9	103.5	104.0	103.8	104.4	101.2	102.1	101.8
Q4	106.1	105.8	104.4	104.9	103.5	105.6	100.9	101.6	100.9
2015 Q1	106.4	106.6	104.6	105.1	105.0	106.2	100.7	101.7	101.4
Q2	108.0	108.0	105.1	105.7	105.9	106.7	101.6	102.7	102.3
Q3	107.9	107.7	105.4	106.0	106.8	107.2	101.4	102.4	101.7
Q4	108.3	107.9	106.1	106.7	104.1	108.1	101.6	102.1	101.1
2016 Q1	109.9	109.8	106.5	107.1	106.0	108.7	102.3	103.2	102.5
Q2	111.3	111.2	107.2	107.8	106.9	109.7	103.0	103.8	103.1
Q3	112.2	112.1	107.8	108.5	108.0	110.5	103.3	104.1	103.3
Percentage change, latest year on previous year									
	IHYM	KGL6	IHYP	KGM7	KH6X	L489	KH7D	IHYS	KGM4
2012	2.9	3.0	1.3	1.0	0.1	0.8	1.4	1.5	1.9
2013	3.9	3.7	1.9	1.4	1.9	1.5	1.2	1.9	2.3
2014	4.8	4.7	3.1	3.4	3.0	3.8	1.1	1.6	1.3
2015	2.8	2.8	2.2	2.4	2.4	3.1	0.2	0.6	0.3
Percentage change, latest quarter on previous quarter									
	IHYN	KGL8	IHYQ	KGM9	KH6Z		KH7E	IHYT	KGM5
2013 Q2	0.7	0.5	0.5	0.3	0.9	0.4	0.4	0.2	0.2
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	0.2	0.6	0.1	—	−0.2
2014 Q1	1.4	1.6	0.8	1.0	1.2	1.2	0.6	0.6	0.5
Q2	1.8	1.9	0.9	1.1	1.4	1.2	0.1	0.9	0.7
Q3	1.1	1.3	0.8	1.0	0.7	1.1	0.1	0.2	0.3
Q4	0.4	−0.1	0.8	0.9	−0.2	1.1	−0.3	−0.5	−0.9
2015 Q1	0.3	0.8	0.3	0.2	1.4	0.5	−0.2	0.1	0.5
Q2	1.5	1.4	0.5	0.5	0.9	0.5	0.8	1.0	0.9
Q3	−0.1	−0.3	0.3	0.3	0.8	0.4	−0.2	−0.3	−0.6
Q4	0.4	0.2	0.7	0.7	−2.4	0.9	0.2	−0.3	−0.5
2016 Q1	1.5	1.8	0.3	0.3	1.8	0.6	0.7	1.1	1.4
Q2	1.2	1.2	0.6	0.7	0.8	0.9	0.6	0.6	0.5
Q3	0.8	0.9	0.6	0.6	1.1	0.7	0.3	0.3	0.2
Percentage change, latest quarter on corresponding quarter of previous year									
	IHYO	KGM2	IHYR	KGN3	KH73	L48D	KH7F	IHYU	KGM6
2013 Q2	4.4	4.3	2.1	1.5	2.2	1.9	1.8	2.3	2.7
Q3	3.5	3.0	1.7	0.9	1.4	1.0	1.0	1.7	2.1
Q4	3.6	3.4	2.4	1.7	2.1	2.1	0.8	1.2	1.7
2014 Q1	4.1	3.7	2.6	2.4	2.3	2.8	1.7	1.4	1.3
Q2	5.3	5.1	3.1	3.3	2.8	3.6	1.4	2.2	1.8
Q3	4.9	5.1	3.1	3.7	3.6	4.2	0.9	1.7	1.3
Q4	4.8	4.7	3.5	4.1	3.1	4.7	0.4	1.3	0.6
2015 Q1	3.6	3.9	2.8	3.3	3.4	4.0	−0.3	0.7	0.6
Q2	3.2	3.4	2.4	2.6	2.8	3.3	0.4	0.8	0.7
Q3	2.1	1.8	1.8	2.0	2.9	2.6	0.2	0.2	−0.2
Q4	2.1	2.0	1.7	1.8	0.6	2.3	0.7	0.4	0.2
2016 Q1	3.3	3.0	1.8	1.9	1.0	2.4	1.6	1.5	1.1
Q2	3.1	2.9	2.0	2.1	0.9	2.8	1.4	1.1	0.8
Q3	4.0	4.1	2.2	2.4	1.2	3.1	1.9	1.7	1.6

1 Estimates cannot be regarded as accurate to the last digit shown.

2 Based on the sum of expenditure components of GDP at current prices and in chained volume terms.

A2 National accounts aggregates¹

£ million

	Current prices					Chained Volume Measures (Reference year 2013)			
	Gross national income at market prices	Net income from abroad ²	Gross domestic product at market prices	less Basic price adjustment ³	Gross value added at basic prices	Gross domestic product at market prices	less Basic price adjustment ³	Gross value added at basic prices	Gross value added excluding oil & gas
	ABMZ	CAES	YBHA	NTAP	ABML	ABMI	NTAO	ABMM	KLS2
2012	1 672 858	-2 186	1 675 044	179 468	1 495 576	1 706 942	176 805	1 530 435	1 506 610
2013	1 729 222	-10 341	1 739 563	188 010	1 551 553	1 739 563	188 010	1 551 553	1 529 692
2014	1 798 714	-23 766	1 822 480	198 204	1 624 276	1 792 976	188 807	1 604 169	1 582 544
2015	1 846 971	-25 746	1 872 714	203 522	1 669 192	1 832 318	189 516	1 642 802	1 618 868
Seasonally adjusted									
2013 Q2	432 518	609	431 909	46 338	385 571	433 271	46 759	386 545	381 175
Q3	435 365	-2 976	438 341	47 772	390 569	436 560	47 816	388 721	383 102
Q4	435 561	-4 751	440 312	48 513	391 799	438 707	47 878	390 771	385 266
2014 Q1	442 764	-3 893	446 657	48 756	397 901	442 425	47 610	394 815	389 313
Q2	450 623	-4 226	454 849	49 491	405 358	446 519	47 221	399 298	393 850
Q3	452 664	-7 014	459 678	49 058	410 620	450 141	46 875	403 266	397 954
Q4	452 663	-8 633	461 296	50 899	410 397	453 891	47 101	406 790	401 427
2015 Q1	456 602	-6 145	462 745	49 254	413 491	455 026	47 238	407 788	402 323
Q2	464 858	-4 727	469 585	50 495	419 090	457 214	47 408	409 806	403 684
Q3	466 769	-2 521	469 289	51 354	417 935	458 456	47 316	411 140	404 894
Q4	458 742	-12 353	471 095	52 419	418 676	461 622	47 554	414 068	407 967
2016 Q1	468 578	-9 507	478 085	52 068	426 017	463 179	47 740	415 439	409 370
Q2	475 301	-8 670	483 971	52 712	431 259	466 154	47 833	418 321	412 079
Q3	482 897	-5 018	487 915	52 971	434 944	468 771	47 842	420 929	414 374
Percentage change, latest year on previous year									
	KH74		IHYM		KGL6	IHYP		KGM7	KLH8
2012	1.5		2.9		3.0	1.3		1.0	1.3
2013	3.4		3.9		3.7	1.9		1.4	1.5
2014	4.0		4.8		4.7	3.1		3.4	3.5
2015	2.7		2.8		2.8	2.2		2.4	2.3
Percentage change, latest quarter on previous quarter									
	KH75		IHYN		KGL8	IHYQ		KGM9	
2013 Q2	1.6		0.7		0.5	0.5		0.3	0.3
Q3	0.7		1.5		1.3	0.8		0.6	0.5
Q4	-		0.4		0.3	0.5		0.5	0.6
2014 Q1	1.7		1.4		1.6	0.8		1.0	1.1
Q2	1.8		1.8		1.9	0.9		1.1	1.2
Q3	0.5		1.1		1.3	0.8		1.0	1.0
Q4	-		0.4		-0.1	0.8		0.9	0.9
2015 Q1	0.9		0.3		0.8	0.3		0.2	0.2
Q2	1.8		1.5		1.4	0.5		0.5	0.3
Q3	0.4		-0.1		-0.3	0.3		0.3	0.3
Q4	-1.7		0.4		0.2	0.7		0.7	0.8
2016 Q1	2.1		1.5		1.8	0.3		0.3	0.3
Q2	1.4		1.2		1.2	0.6		0.7	0.7
Q3	1.6		0.8		0.9	0.6		0.6	0.6
Percentage change, latest quarter on corresponding quarter of previous year									
	KH76		IHYO		KGM2	IHYR		KGN3	KLH9
2013 Q2	4.5		4.4		4.3	2.1		1.5	1.8
Q3	3.1		3.5		3.0	1.7		0.9	1.0
Q4	3.0		3.6		3.4	2.4		1.7	1.7
2014 Q1	4.0		4.1		3.7	2.6		2.4	2.4
Q2	4.2		5.3		5.1	3.1		3.3	3.3
Q3	4.0		4.9		5.1	3.1		3.7	3.9
Q4	3.9		4.8		4.7	3.5		4.1	4.2
2015 Q1	3.1		3.6		3.9	2.8		3.3	3.3
Q2	3.2		3.2		3.4	2.4		2.6	2.5
Q3	3.1		2.1		1.8	1.8		2.0	1.7
Q4	1.3		2.1		2.0	1.7		1.8	1.6
2016 Q1	2.6		3.3		3.0	1.8		1.9	1.8
Q2	2.2		3.1		2.9	2.0		2.1	2.1
Q3	3.5		4.0		4.1	2.2		2.4	2.3

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

² Includes employment, entrepreneurial and property income.

³ 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	Distrib- ution, hotels & restaurs- ants	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
2012	99.3	102.8	101.0	100.2	95.9	100.7	98.6	96.6	98.3	97.9	99.7	98.3	98.6	98.5
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

Seasonally adjusted

2013 Q2	98.8	99.3	99.9	102.1	98.1	99.9	98.7	99.7	100.0	99.5	99.8	99.7	99.7	99.7
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	115.8	108.9	102.0	93.6	108.1	102.4	115.1	113.0	108.2	108.6	103.4	107.8	107.1	107.0
Q2	114.5	111.9	103.7	98.0	110.6	104.6	115.6	114.0	108.7	109.4	103.5	108.4	107.8	107.8
Q3	113.7	116.8	102.8	93.9	110.4	104.1	114.6	115.2	111.5	110.3	103.9	109.4	108.5	108.4

Percentage change, latest year on previous year

	L3BB	L3BH	L3BN	L3DM	L3DQ	L3BG	L3DW	L3GP	KI8L	KI8N	KI8P	L3E2	KGM7	KLH8
2012	-7.3	-10.9	-1.4	-0.9	-0.1	-2.7	-6.9	1.6	2.1	3.2	1.9	2.4	1.0	1.3
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

Percentage change, latest quarter on previous quarter

													KGM9	
2013 Q2	0.6	1.5	0.7	-1.6	2.0	0.7	1.7	1.4	-0.7	0.3	-0.5	0.1	0.3	0.3
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	-0.2	-1.2	-0.4	0.8	2.5	-0.2	1.1	1.6	-0.1	0.6	0.4	0.6	0.3	0.3
Q2	-1.1	2.8	1.6	4.6	2.3	2.1	0.5	0.9	0.4	0.8	0.1	0.6	0.7	0.7
Q3	-0.7	4.3	-0.8	-4.2	-0.1	-0.4	-0.8	1.1	2.6	0.8	0.4	1.0	0.6	0.6

Percentage change, latest quarter on corresponding quarter of previous year

	L3ZZ	L427	L42D	L44C	L44G	L426	L44M	L47F	KI12	KI19	KI18	L44Q	KGN3	KLH9
2013 Q2	-	-4.6	-0.9	-1.3	2.8	-1.0	0.5	4.2	2.4	2.2	0.6	2.1	1.5	1.8
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	1.5	6.2	-1.2	-2.5	7.1	0.1	1.8	4.6	2.6	2.2	1.8	2.6	1.9	1.8
Q2	-0.6	1.0	0.9	4.6	5.3	1.6	1.6	4.6	2.1	2.8	1.4	2.7	2.1	2.1
Q3	-1.7	3.6	0.5	-1.1	5.2	1.1	1.7	5.0	4.2	3.1	1.6	3.1	2.4	2.3

- 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 communications	Accommodation & 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 Weights³	107	106	29	76	122	119	52	63	74	40	788
	L2NE	KI8M	L2NQ	L2O6	L2OC	L2OH	L2P8	L2PA	L2PC	L2Q5	L2NC
2012	95.2	98.3	102.7	103.4	98.1	94.5	102.2	99.6	97.5	100.8	98.3
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
Seasonally adjusted											
2013 Q2	99.6	100.0	100.3	100.0	99.6	99.1	100.2	100.0	99.6	99.2	99.7
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	113.7	108.2	110.3	102.3	106.1	115.1	94.8	102.2	106.2	111.6	107.8
Q2	114.5	108.7	111.9	102.1	106.1	117.5	94.3	101.6	106.5	112.9	108.4
Q3	115.6	111.5	113.7	103.4	106.3	118.7	94.0	101.6	107.1	114.4	109.4
Percentage change, latest year on previous year											
	L3E4	KI8L	L3EG	L3EU	L3F2	L3F7	L3FW	L3FY	L3G2	L3GT	L3E2
2012	1.0	2.1	3.9	0.5	2.5	5.9	-1.4	3.0	3.7	0.9	2.4
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
Percentage change, latest quarter on previous quarter											
2013 Q2	1.6	-0.7	0.3	-2.6	0.3	2.0	-0.7	-0.4	-0.4	-0.7	0.1
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	1.9	-0.1	0.6	1.2	0.5	0.3	-0.4	-	1.0	0.9	0.6
Q2	0.8	0.4	1.5	-0.2	-	2.0	-0.5	-0.6	0.3	1.2	0.6
Q3	1.0	2.6	1.6	1.2	0.2	1.0	-0.4	-	0.5	1.3	1.0
Percentage change, latest quarter on corresponding quarter of the previous year											
	L44S	KII2	L456	L45K	L45Q	L45V	L46M	L46O	L46Q	L47J	L44Q
2013 Q2	5.7	2.4	-1.9	-3.9	1.7	6.8	-2.2	1.4	2.7	-0.8	2.1
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	4.9	2.6	3.5	1.2	1.5	3.6	-2.5	0.5	4.4	4.5	2.6
Q2	4.5	2.1	4.8	3.0	1.0	4.6	-2.0	-0.3	3.0	5.2	2.7
Q3	4.7	4.2	6.1	5.1	0.7	4.2	-1.5	-0.6	2.7	6.3	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 products.

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 prices¹

£ million

National expenditure on goods and services at market prices														
Final consumption expenditure				Gross capital formation								Statistical discrepancy (expenditure)	Gross domestic product at market prices	
Household- s	Non-profit institutions ²	General governme- nt	Gross fixed capital formation	Changes in inven- tories ³	Of which alignment adjustme- nt	Acquisi- tions less disposals of valuables ⁴	Total	Total exports	Gross final expen- diture	less Total imports	Trade balance ⁵			
ABJQ	HAYE	NMRP	NPQS	CAEX	DMUN	NPJQ	YBIL	IKBH	ABMF	IKBI	IKBJ	GIXM	YBHA	
2012	1 042 914	52 849	347 125	266 761	1 900	—	829	1 712 378	499 141	2 211 519	536 475	—37 334	—	1 675 044
2013	1 084 011	54 535	349 615	280 224	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	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	5 737	—	—1 064	1 899 255	517 446	2 416 701	547 234	—29 788	3 247	1 872 714

Seasonally adjusted

2013 Q2	268 910	13 558	88 092	68 842	-652	-1 907	816	439 566	132 518	572 084	140 175	-7 657	-	431 909
Q3	272 766	13 716	87 027	71 163	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	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	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	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	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	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	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	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	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	855	479	-2 438	475 762	130 407	606 169	136 270	-5 863	1 196	471 095
2016 Q1	295 880	14 795	91 632	79 184	1 533	-1 991	626	483 650	129 764	613 414	138 335	-8 571	3 006	478 085
Q2	298 471	14 851	92 185	80 381	3 104	-1 189	-1 147	487 845	135 304	623 149	142 650	-7 346	3 472	483 971
Q3	302 156	14 898	92 111	81 179	3 984	1 995	3 620	497 948	135 407	633 355	149 002	-13 595	3 562	487 915

Percentage change, latest year on previous year

	KG7Y	KGZ8	KH2C	KG6O	KGX3	KH2O	KG7V	KH3H	IHYM
2012	3.8	-	2.1	4.5	3.4	0.4	2.8	2.4	2.9
2013	3.9	3.2	0.7	5.0	3.9	3.7	3.8	3.8	3.9
2014	3.9	3.9	2.5	7.9	4.5	-1.2	3.2	-1.6	4.8
2015	2.7	2.6	1.2	4.8	2.2	1.1	2.0	-0.1	2.8

Percentage change, latest quarter on previous quarter

	KG7Y8	KGZ9	KH2D	KG6W	KGX4	KH2P	KG7V8	KH3I	IHYN
2013 Q2	0.7	1.2	2.8	2.6	1.0	3.1	1.5	3.9	0.7
Q3	1.4	1.2	-1.2	3.4	2.0	-1.7	1.2	0.1	1.5
Q4	0.9	1.1	2.1	2.8	1.5	-3.0	0.5	0.8	0.4
2014 Q1	0.7	1.0	0.2	4.4	0.7	-0.2	0.5	-2.6	1.4
Q2	0.8	0.8	0.1	-2.1	0.7	2.0	1.0	-1.9	1.8
Q3	2.0	0.8	2.1	0.9	1.6	-1.5	0.9	0.5	1.1
Q4	-0.1	0.7	-1.5	0.8	0.2	2.8	0.8	2.3	0.4
2015 Q1	0.5	0.6	0.3	2.4	0.4	0.5	0.4	1.0	0.3
Q2	0.4	0.6	1.2	2.8	0.7	-0.8	0.4	-3.1	1.5
Q3	1.1	0.4	0.8	-0.1	0.4	-2.9	-0.3	-1.0	-0.1
Q4	0.9	0.7	-1.1	-0.9	-0.2	3.4	0.5	1.2	0.4
2016 Q1	1.0	0.9	1.1	-0.1	1.7	-0.5	1.2	1.5	1.5
Q2	0.9	0.4	0.6	1.5	0.9	4.3	1.6	3.1	1.2
Q3	1.2	0.3	-0.1	1.0	2.1	0.1	1.6	4.5	0.8

Percentage change, latest quarter on corresponding quarter of previous year

	KG7Y9	KH22	KH2E	KG76	KGX5	KH2Q	KG7V9	KH3J	IHYO
2013 Q2	3.5	2.9	2.4	4.3	3.3	7.9	4.3	4.1	4.4
Q3	4.5	4.1	0.6	9.5	3.8	3.7	3.8	5.0	3.5
Q4	4.0	4.5	2.1	7.3	4.7	2.0	4.1	5.8	3.6
2014 Q1	3.8	4.5	3.9	13.7	5.3	-1.9	3.7	2.2	4.1
Q2	3.9	4.1	1.1	8.6	5.0	-3.0	3.1	-3.5	5.3
Q3	4.5	3.7	4.5	6.0	4.5	-2.7	2.9	-3.2	4.9
Q4	3.4	3.3	0.8	4.0	3.2	3.1	3.2	-1.8	4.8
2015 Q1	3.2	2.9	0.9	2.0	2.9	3.9	3.1	1.8	3.6
Q2	2.8	2.7	2.0	7.0	2.9	1.1	2.5	0.6	3.2
Q3	1.9	2.4	0.7	6.0	1.7	-0.4	1.3	-0.9	2.1
Q4	2.9	2.3	1.2	4.2	1.2	0.1	1.0	-1.9	2.1
2016 Q1	3.4	2.7	2.1	1.7	2.6	-0.9	1.8	-1.4	3.3
Q2	3.9	2.4	1.4	0.5	2.7	4.1	3.0	4.9	3.1
Q3	4.1	2.3	0.6	1.5	4.4	7.3	5.0	10.7	4.0

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 Quarterly alignment adjustment included in this series.

4 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

5 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 measures¹

Reference year 2013, £ million

National expenditure on goods and services at market prices														
Final consumption expenditure					Gross capital formation									
	Household- ds	Non-prof- it instit- utions ²	General governme- nt	Gross fixed capital formation	Changes in inven- tories ³	Of which alignment adjustme- nt	Acquisi- tions less disposals of valuables ⁴	Total	Total exports	Gross final expen- diture	less Total imports	Trade balance ⁵	Statisti- cal discre- pancy (expen- diture)	Gross domestic product at market prices
	ABJR	HAYO	NMRY	NPQT	CAFU	DMUM	NPJR	YBIM	IKBK	ABMG	IKBL	IKBM	GIXS	ABMI
2012	1 066 530	54 539	348 572	271 534	-361	-	743	1 733 256	512 159	2 245 333	538 482	-26 323	-	1 706 942
2013	1 084 011	54 535	349 615	280 224	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	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	12 371	-	-28	1 874 538	557 023	2 431 561	602 420	-45 397	3 177	1 832 318

Seasonally adjusted

2013 Q2	269 637	13 636	87 076	68 700	1 690	-1 914	823	440 484	133 077	573 520	140 244	-7 167	-	433 271
Q3	271 742	13 713	87 235	71 070	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	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	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	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	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	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	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	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	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	1 814	467	-2 142	468 291	144 631	612 922	152 472	-7 841	1 172	461 622
2016 Q1	288 463	14 328	91 340	76 899	923	-1 930	620	472 573	140 663	613 236	152 969	-12 306	2 912	463 179
Q2	290 494	14 568	91 218	77 718	941	-1 146	-1 175	473 764	142 573	616 337	153 527	-10 954	3 344	466 154
Q3	292 635	14 511	91 253	78 402	1 636	1 916	3 635	482 072	138 893	620 965	155 616	-16 723	3 422	468 771

Percentage change, latest year on previous year

	KGZ5	KH26	KH2I	KG7N	KGX9	KH2U	KGW5	KH3N	IHYP
2012	1.9	-2.0	1.7	2.3	2.0	0.6	1.7	2.9	1.3
2013	1.6	-	0.3	3.2	2.6	1.1	2.3	3.4	1.9
2014	2.1	2.7	2.3	6.7	3.4	1.5	2.9	2.5	3.1
2015	2.5	0.8	1.3	3.4	1.9	6.1	2.9	5.5	2.2

Percentage change, latest quarter on previous quarter

	KGZ6	KH27	KH2J	KG7Q	KGY2	KH2V	KGW6	KH3O	IHYQ
2013 Q2	0.3	0.5	-0.4	1.7	0.6	4.8	1.5	4.7	0.5
Q3	0.8	0.6	0.2	3.4	1.5	-2.6	0.5	-0.1	0.8
Q4	0.7	-0.7	0.8	2.6	1.4	-1.3	0.8	1.7	0.5
2014 Q1	0.2	1.6	1.5	2.8	0.1	2.6	0.6	-0.1	0.8
Q2	0.4	2.1	0.2	-1.6	0.6	-0.3	0.4	-1.3	0.9
Q3	1.4	-0.5	0.2	1.4	1.5	-1.3	0.9	1.1	0.8
Q4	-0.1	-0.6	-0.2	0.7	0.6	4.0	1.3	2.8	0.8
2015 Q1	0.7	1.1	0.4	1.5	0.5	3.2	1.1	4.1	0.3
Q2	0.5	0.8	0.9	1.2	-0.1	-0.7	-0.2	-2.3	0.5
Q3	1.1	-1.9	0.6	0.8	0.6	-0.6	0.3	0.6	0.3
Q4	0.4	0.7	-0.2	-0.9	-0.5	5.9	1.0	2.1	0.7
2016 Q1	0.7	1.8	0.5	-0.5	0.9	-2.7	0.1	0.3	0.3
Q2	0.7	1.7	-0.1	1.1	0.3	1.4	0.5	0.4	0.6
Q3	0.7	-0.4	-	0.9	1.8	-2.6	0.8	1.4	0.6

Percentage change, latest quarter on corresponding quarter of previous year

	KGZ7	KH28	KH2K	KG7T	KGY3	KH2W	KGW7	KH3P	IHYR
2013 Q2	1.4	-1.3	0.7	2.3	1.5	5.7	2.4	3.6	2.1
Q3	1.9	-0.4	0.4	7.3	2.8	0.1	2.2	3.7	1.7
Q4	1.7	3.4	0.9	5.3	4.0	0.9	3.3	5.9	2.4
2014 Q1	1.9	2.0	2.1	11.0	3.5	3.4	3.5	6.3	2.6
Q2	2.1	3.6	2.7	7.4	3.6	-1.7	2.4	0.2	3.1
Q3	2.7	2.5	2.7	5.3	3.6	-0.5	2.7	1.4	3.1
Q4	1.8	2.6	1.7	3.3	2.8	4.8	3.2	2.4	3.5
2015 Q1	2.4	2.1	0.6	2.0	3.2	5.5	3.7	6.8	2.8
Q2	2.5	0.8	1.3	4.9	2.5	5.1	3.1	5.7	2.4
Q3	2.2	-0.5	1.6	4.3	1.6	5.8	2.5	5.1	1.8
Q4	2.7	0.7	1.7	2.6	0.5	7.8	2.2	4.4	1.7
2016 Q1	2.7	1.4	1.8	0.6	0.9	1.6	1.1	0.6	1.8
Q2	3.0	2.3	0.7	0.4	1.3	3.8	1.9	3.4	2.0
Q3	2.6	3.8	0.2	0.5	2.5	1.7	2.3	4.2	2.2

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 Quarterly alignment adjustment included in this series.

4 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

5 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 prices¹

£ million

Gross operating surplus of corporations											
	Compensation of employees	Private non-financial 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
2012	850 503	285 798	—	50 325	9 379	345 502	276 993	1 472 998	202 046	—	1 675 044
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

Seasonally adjusted

2013 Q2	221 073	73 138	−1 479	12 063	2 795	87 996	70 665	379 734	52 175	—	431 909
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	235 417	88 128	1 999	12 986	2 373	103 487	82 198	421 102	58 434	−1 451	478 085
Q2	240 457	88 287	2 044	12 041	2 481	102 809	83 388	426 654	58 992	−1 675	483 971
Q3	243 687	87 444	1 287	12 884	2 317	102 645	84 145	430 477	59 148	−1 710	487 915

Percentage change, latest year on previous year

	KGI3	KH59		KH5L	KH53	KH4V	KH6T	KH6N	KH65		IHYM
2012	2.3	1.0		1.7	2.4	1.2	7.2	2.9	2.5		2.9
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

Percentage change, latest quarter on previous quarter

	KGI4	KH5A		KH5M	KH54	KH4W	KH6U	KH6O	KH66		IHYN
2013 Q2	2.7	−5.9		−0.7	18.9	−4.5	0.5	0.5	1.8		0.7
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	0.5	6.2		3.4	12.9	6.0	1.6	2.0	−0.6		1.5
Q2	2.1	0.2		−7.3	4.6	−0.7	1.4	1.3	1.0		1.2
Q3	1.3	−1.0		7.0	−6.6	−0.2	0.9	0.9	0.3		0.8

Percentage change, latest quarter on corresponding quarter of previous year

	KGI5	KH5B		KH5N	KH55	KH4X	KH6V	KH6P	KH67		IHYO
2013 Q2	4.8	5.4		−2.3	27.9	4.8	2.1	4.3	5.0		4.4
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	2.6	6.0		−10.9	4.3	3.5	5.2	3.3	5.4		3.3
Q2	4.0	2.4		−12.9	−0.4	0.3	5.1	3.3	3.8		3.1
Q3	4.5	4.0		3.2	8.7	4.0	5.2	4.5	2.4		4.0

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																
COICOP ¹	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous	
	-	-	0	01	02	03	04	05	06	07	08	09	10	11	12	
2012	ABJQ	ABTF	ZAKV	ZWUM	ZAKX	ZAKZ	ZAVN	ZAVV	ZAWB	ZAWL	ZAWV	ZAWZ	ZWUS	ZAXR	ZAYF	
2012	1 042 914	9 984	1 032 930	91 263	43 052	55 835	272 090	46 995	17 854	142 592	19 858	102 502	15 783	97 017	128 089	
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	
Seasonally adjusted																
2013 Q2	268 910	1 918	266 992	23 900	10 687	14 254	70 628	12 199	4 638	37 435	5 257	26 161	4 161	25 145	32 527	
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	295 880	3 616	292 264	23 995	11 067	16 761	74 256	13 987	5 349	40 950	5 819	29 213	4 768	28 207	37 892	
Q2	298 471	3 263	295 208	23 929	11 370	16 829	74 875	14 243	5 426	40 894	5 860	29 607	4 796	28 645	38 734	
Q3	302 156	3 456	298 700	24 141	11 322	17 254	75 178	14 208	5 519	41 244	5 912	29 922	4 822	29 214	39 964	
Percentage change, latest year on previous year																
2012	KGJ7		KG6U	KG9N	KGJ3	KGJ9	KGJ7	KGJ5	KGJ6	KGJ4	KGK2	KGK8	KGB2	KGJ6	KGE2	
2012	3.8		3.9	5.0	2.6	2.9	4.3	1.6	9.1	4.9	1.3	2.1	6.5	5.2	3.3	
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	
Percentage change, quarter on previous quarter																
2013 Q2	KGJ8		KG74	KG9R	KGJ4	KGJ2	KGJ8	KGJ6	KGJ7	KGJ5	KGK3	KGK9	KGB3	KGJ7	KGE3	
2013 Q2	0.7		0.7	0.3	-2.9	0.1	0.5	1.2	0.3	3.0	0.2	1.8	-1.5	-	0.1	
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	1.0		1.0	0.4	-1.6	1.7	1.2	-1.0	4.8	1.2	0.5	1.5	0.6	-	1.5	
Q2	0.9		1.0	-0.3	2.7	0.4	0.8	1.8	1.4	-0.1	0.7	1.3	0.6	1.6	2.2	
Q3	1.2		1.2	0.9	-0.4	2.5	0.4	-0.2	1.7	0.9	0.9	1.1	0.5	2.0	3.2	
Percentage change, quarter on corresponding quarter of previous year																
2013 Q2	KGJ9		KG7C	KG9V	KGJ5	KGJ3	KGJ9	KGJ7	KGJ8	KGJ6	KGK4	KGL2	KGB4	KGJ8	KGE4	
2013 Q2	3.5		3.8	6.6	-0.3	3.3	3.6	4.0	5.1	6.4	7.4	4.4	8.6	5.0	-1.6	
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	3.4		3.0	0.4	-1.2	4.2	1.2	4.1	11.8	3.5	6.0	7.5	5.9	3.7	2.6	
Q2	3.9		3.5	-0.1	2.0	2.7	1.9	6.0	11.1	2.9	5.2	6.4	5.9	4.0	5.4	
Q3	4.1		3.7	0.3	1.5	5.4	1.2	3.7	8.2	2.2	5.4	5.2	5.8	4.6	9.2	

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								
COICOP ¹	Goods							
	Total	Net tourism	Total	Total	Durable goods	Semi- durable goods	Non- durable goods	Services
					D	SD	ND	S
	ABJQ	ABTF	ZAKV	UTIF	UTIB	UTIR	UTIJ	UTIN
2012	1 042 914	9 984	1 032 930	452 182	93 410	107 277	251 495	580 748
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
Seasonally adjusted								
2013 Q2	268 910	1 918	266 992	117 252	24 451	27 839	64 962	149 740
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	295 880	3 616	292 264	124 499	29 691	31 456	63 352	167 765
Q2	298 471	3 263	295 208	125 043	29 496	31 724	63 823	170 165
Q3	302 156	3 456	298 700	125 720	29 681	32 119	63 920	172 980
Percentage change, latest year on previous year								
	KG Y7		KG6U	KHC9	KHB5	KHH5	KHE5	KHF9
2012	3.8		3.9	4.2	3.4	3.6	4.8	3.7
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
Percentage change, quarter on previous quarter								
	KG Y8		KG74	KHD2	KHB6	KHH6	KHE6	KHG2
2013 Q2	0.7		0.7	0.7	4.4	0.5	-0.6	0.7
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	1.0		1.0	1.5	3.5	1.1	0.8	0.5
Q2	0.9		1.0	0.4	-0.7	0.9	0.7	1.4
Q3	1.2		1.2	0.5	0.6	1.2	0.2	1.7
Percentage change, quarter on corresponding quarter of previous year								
	KG Y9		KG7C	KHD3	KHB7	KHH7	KHE7	KHG3
2013 Q2	3.5		3.8	4.8	5.5	5.3	4.3	3.1
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	3.4		3.0	2.7	9.8	5.2	-1.4	3.3
Q2	3.9		3.5	2.6	6.8	4.7	-0.2	4.1
Q3	4.1		3.7	1.8	4.3	4.5	-0.6	5.1

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																
COICOP ¹	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous	
	-	-	0	01	02	03	04	05	06	07	08	09	10	11	12	
2012	ABJR	ABTH	ZAKW	ZWUN	ZAKY	ZALA	ZAVO	ZAVW	ZAWC	ZAWM	ZAWW	ZAXA	ZWUT	ZAXS	ZAYG	
2012	1 066 530	10 855	1 055 705	94 625	45 647	56 344	278 617	47 306	18 149	145 135	20 431	103 263	18 515	99 243	128 813	
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	
Seasonally adjusted																
2013 Q2	269 637	1 811	267 813	23 963	10 795	14 281	70 714	12 236	4 651	37 762	5 267	26 181	4 271	25 233	32 466	
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	288 463	4 480	283 983	25 073	10 400	16 706	71 420	13 875	5 116	41 312	5 593	29 322	3 855	26 296	35 015	
Q2	290 494	4 451	286 043	25 220	10 647	16 837	71 689	14 159	5 146	41 508	5 586	29 460	3 876	26 516	35 399	
Q3	292 635	4 495	288 140	25 393	10 502	17 281	71 540	14 241	5 239	41 725	5 565	29 637	3 868	26 815	36 334	
Percentage change, latest year on previous year																
2012	KGZ5		KG7O	KG9Y	KGF6	KG64	KGH2	KGH8	KG19	KGJ7	KGK5	KGL3	KGB8	KGD4	KGE8	
2012	1.9		1.8	1.9	0.9	2.2	1.4	-0.9	7.2	3.1	-2.4	2.6	-1.9	1.3	2.6	
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	
Percentage change, quarter on previous quarter																
2013 Q2	KGZ6		KG7R	KGA3	KGF7	KG65	KGH3	KGH9	KGJ2	KGJ8	KGK6	KGL4	KGB9	KGD5	KGE9	
Q2	0.3		0.3	-0.2	-4.1	-1.0	-0.1	1.2	-	4.5	-0.2	1.1	-1.5	-0.1	-1.2	
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	0.7		0.8	0.9	-2.2	0.8	1.3	-1.0	4.6	0.2	0.1	1.6	0.7	-0.4	2.1	
Q2	0.7		0.7	0.6	2.4	0.8	0.4	2.0	0.6	0.5	-0.1	0.5	0.5	0.8	1.1	
Q3	0.7		0.7	0.7	-1.4	2.6	-0.2	0.6	1.8	0.5	-0.4	0.6	-0.2	1.1	2.6	
Percentage change, quarter on corresponding quarter of previous year																
2013 Q2	KGZ7		KG7U	KGA6	KGF8	KG66	KGH4	KG12	KGJ3	KGJ9	KGK7	KGL5	KGC2	KGD6	KGF2	
Q2	1.4		1.7	2.3	-5.9	2.3	1.2	3.8	3.5	5.9	4.6	3.5	-9.4	3.2	-2.3	
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	2.7		2.5	2.8	-3.2	4.7	-	4.5	10.5	3.8	4.0	8.4	1.1	1.5	1.0	
Q2	3.0		2.7	2.9	-0.3	3.2	0.6	5.9	9.8	2.7	2.4	6.0	1.1	1.6	3.9	
Q3	2.6		2.7	2.7	-1.0	5.4	-0.2	5.3	7.5	1.8	1.5	4.3	0.6	2.3	7.5	

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								
COICOP ¹	Goods							
	Total	Net tourism	Total	Total	Durable goods	Semi- durable goods	Non- durable goods	Services
					D	SD	ND	S
	ABJR	ABTH	ZAKW	UTIH	UTID	UTIT	UTIL	UTIP
2012	1 066 530	10 855	1 055 705	460 063	92 177	108 202	259 877	595 660
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
Seasonally adjusted								
2013 Q2	269 637	1 811	267 813	117 679	24 572	27 849	65 254	150 134
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	288 463	4 480	283 983	127 190	29 843	31 578	65 769	156 793
Q2	290 494	4 451	286 043	128 177	29 730	31 869	66 578	157 866
Q3	292 635	4 495	288 140	128 906	30 117	32 414	66 375	159 234
Percentage change, year on previous year								
	KGZ5		KG7O	KHD7	KHC3	KHI3	KHF3	KHG7
2012	1.9		1.8	2.5	4.2	2.8	1.8	1.2
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
Percentage change, quarter on previous quarter								
	KGZ6		KG7R	KHD8	KHC4	KHI4	KHF4	KHG8
2013 Q2	0.3		0.3	0.8	5.7	-0.2	-0.5	-0.1
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	0.7		0.8	1.3	2.3	1.1	0.9	0.4
Q2	0.7		0.7	0.8	-0.4	0.9	1.2	0.7
Q3	0.7		0.7	0.6	1.3	1.7	-0.3	0.9
Percentage change, quarter on corresponding quarter of previous year								
	KGZ7		KG7U	KHD9	KHC5	KHI5	KHF5	KHG9
2013 Q2	1.4		1.7	3.1	7.5	4.4	0.9	0.6
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	2.7		2.5	4.1	9.1	6.2	0.9	1.3
Q2	3.0		2.7	3.8	6.6	4.9	2.0	1.9
Q3	2.6		2.7	2.8	5.4	5.2	0.6	2.6

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

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-produ- ced assets	Dwellings ³	Costs of transfer of ownership of non-produ- ced assets	NPQT	Transport equipment	Other machinery and equipment	Dwellings ³	Other buildings and structures ⁴	Intellect- ual Property Products	Total	
2012	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT	
2012	158 245	47 418	3 232	-429	49 588	13 512	271 534	10 079	56 624	52 940	89 630	62 250	271 534	
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	
Seasonally adjusted														
2013 Q2	39 683	11 316	871	-109	13 168	3 784	68 700	2 288	13 911	14 098	22 652	15 765	68 700	
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	43 262	11 484	940	-183	15 770	5 626	76 899	4 651	14 249	16 760	24 307	16 932	76 899	
Q2	43 799	11 958	1 076	-165	15 781	5 269	77 718	5 352	14 313	16 909	24 211	16 933	77 718	
Q3	43 994	12 610	952	-160	15 900	5 106	78 402	5 280	14 506	16 902	24 840	16 874	78 402	
Percentage change, latest year on previous year														
	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N	
2012	7.2	-6.7	-9.8	8.3	-3.8	8.2	2.3	16.6	0.1	-3.9	6.0	2.8	2.3	
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	
Percentage change, latest quarter on previous quarter														
	KG7P	KH9C	L64U	L64X	L655	L652	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q	
2013 Q2	-0.1	2.7	12.4	-12.1	6.4	0.5	1.7	10.4	-8.1	7.2	8.6	-3.1	1.7	
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	-1.5	-1.6	-9.3	11.6	1.3	6.3	-0.5	14.7	-3.6	0.7	-3.2	1.4	-0.5	
Q2	1.2	4.1	14.5	-9.8	0.1	-6.3	1.1	15.1	0.4	0.9	-0.4	-	1.1	
Q3	0.4	5.5	-11.5	-3.0	0.8	-3.1	0.9	-1.3	1.3	-	2.6	-0.3	0.9	
Percentage change, latest quarter on corresponding quarter of previous year														
	KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T	
2013 Q2	1.4	-8.0	2.1	2.8	8.4	11.3	2.3	-6.0	-1.2	8.0	1.3	3.6	2.3	
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	-2.2	-4.3	-10.8	28.9	5.7	28.0	0.6	-1.6	-0.4	4.6	-0.3	-0.5	0.6	
Q2	-0.7	0.5	-0.8	8.6	1.5	7.7	0.4	16.8	-2.4	1.4	-1.3	-	0.4	
Q3	-2.2	7.7	-14.8	-0.6	4.0	0.6	0.5	24.7	-4.5	2.7	-1.7	0.1	0.5	

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 measures¹

Reference year 2013, £ million

	Mining and quarrying	Manufacturing industries				Elect- ricity, gas and water supply	Distributive trades		Other industries	Changes in inventories ³
		Materials and fuel	Work in progress	Finished goods	Total		Wholesale ²	Retail ²		
Level of inventories held at end-December⁴ 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
2012	258	-1 300	504	626	-141	-296	1 561	502	-2 338	-361
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
Seasonally adjusted										
2013 Q2	232	-24	248	-107	112	-49	2 369	368	-1 392	1 690
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	406	-72	21	-306	-357	229	277	-948	1 316	923
Q2	-712	-983	-203	-158	-1 344	107	135	-379	3 134	941
Q3	-123	1 389	-260	-498	631	-728	-130	-718	2 704	1 636

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
2012	301 621	197 520	499 141	412 528	123 947	536 475	-110 907	73 573	-37 334
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

Seasonally adjusted

2013 Q2	77 614	54 904	132 518	106 841	33 334	140 175	-29 227	21 570	-7 657
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	70 248	59 516	129 764	102 429	35 906	138 335	-32 181	23 610	-8 571
Q2	75 568	59 736	135 304	105 774	36 876	142 650	-30 206	22 860	-7 346
Q3	74 466	60 941	135 407	113 158	35 844	149 002	-38 692	25 097	-13 595

Percentage change, latest year on previous year

	KG9K	KH35	KH2O	KG9L	KH3W	KH3H
2012	-2.1	4.6	0.4	2.3	2.5	2.4
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

Percentage change, latest quarter on previous quarter

	KG9O	KH36	KH2P	KG9P	KH3X	KH3I
2013 Q2	3.4	2.7	3.1	3.3	5.9	3.9
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	0.1	-0.5	2.4	-0.9	1.5
Q2	7.6	0.4	4.3	3.3	2.7	3.1
Q3	-1.5	2.0	0.1	7.0	-2.8	4.5

Percentage change, latest quarter on corresponding quarter of previous year

	KG9S	KH37	KH2Q	KG9T	KH3Y	KH3J
2013 Q2	5.0	12.3	7.9	3.4	6.3	4.1
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	-2.1	0.5	-0.9	-3.5	5.2	-1.4
Q2	1.7	7.4	4.1	4.1	7.3	4.9
Q3	5.4	9.7	7.3	13.8	1.8	10.7

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
2012	305 379	206 599	512 159	411 987	126 449	538 482	-26 323
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
Seasonally adjusted							
2013 Q2	77 877	55 205	133 077	106 944	33 297	140 244	-7 167
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	81 618	59 045	140 663	116 245	36 724	152 969	-12 306
Q2	83 275	59 298	142 573	116 836	36 691	153 527	-10 954
Q3	78 993	59 900	138 893	120 853	34 763	155 616	-16 723
Percentage change, latest year on previous year							
	KG9X	KH3B	KH2U	KG9W	KH44	KH3N	
2012	-1.7	4.3	0.6	2.5	4.1	2.9	
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	
Percentage change, latest quarter on previous quarter							
	KGA2	KH3C	KH2V	KG9Z	KH45	KH3O	
2013 Q2	4.6	5.1	4.8	4.5	5.3	4.7	
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	-3.4	-2.7	0.8	-1.0	0.3	
Q2	2.0	0.4	1.4	0.5	-0.1	0.4	
Q3	-5.1	1.0	-2.6	3.4	-5.3	1.4	
Percentage change, latest quarter on corresponding quarter of previous year							
	KGA5	KH3D	KH2W	KGA4	KH46	KH3P	
2013 Q2	3.9	8.5	5.7	3.5	3.7	3.6	
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	1.1	1.6	-0.7	5.0	0.6	
Q2	-0.7	10.8	3.8	3.6	2.5	3.4	
Q3	-3.9	10.1	1.7	7.1	-4.8	4.2	

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

Net Lending/Net Borrowing by Sector

£ million

	Net lending (+) / Net borrowing (-) by sector ¹						
	Government		Corporations			Household & NPISH	Rest of the World
	Central	Local	Public	Financial	Private non-financial		
	NMFJ	NMOE	CPCM	NHCQ	DTAL	NSSZ	NHRB
2012	-130 493	-8 930	2 204	2 825	36 633	36 161	61 600
2013	-94 514	-4 959	2 925	-15 067	31 134	3 567	76 914
2014	-101 855	115	947	-17 939	32 996	323	85 413
2015	-76 675	-3 510	798	-27 061	32 728	-2 827	81 345
Seasonally adjusted							
	RPYH	RQAJ	RQBN	RPYN	RQBV	RPZT	RQCH
2013 Q2	-19 224	1 360	668	-9 859	10 911	2 549	13 595
Q3	-27 867	-1 774	657	3 138	3 457	1 866	20 523
Q4	-27 241	-1 939	611	-2 841	3 551	995	26 864
2014 Q1	-30 175	802	573	-1 162	9 327	-592	21 227
Q2	-24 930	1 588	95	-2 290	5 946	2 211	17 380
Q3	-27 358	-897	30	-3 591	12 171	-2 035	21 680
Q4	-19 392	-1 378	249	-10 896	5 552	739	25 126
2015 Q1	-18 295	-746	474	-8 070	8 431	-2 164	21 108
Q2	-18 667	-484	188	-6 069	9 458	-777	17 420
Q3	-21 188	-1 510	63	-2 195	9 671	16	16 366
Q4	-18 525	-770	73	-10 727	5 168	98	26 451
2016 Q1	-13 450	-2 831	552	-9 329	8 994	-2 607	23 128
Q2	-14 825	-1 413	-53	-10 244	11 379	-2 064	22 366
Q3	-17 816	-1 721	28	-7 015	10 989	-4 868	25 674

¹ The sum of net lending by sector is equal (but opposite sign) to the residual error between the expenditure and income based estimates of GDP.

J1 Households & Non Profit Institutions Serving Households Sector Allocation of Primary Income Account

£ million

	RESOURCES					USES			Sector share of gross national income (per cent)
	Gross operating surplus including gross mixed income	Compensation of employees		Property income received	Total resources	Property income paid	Balance of gross primary incomes	Total uses	
		Wages and salaries	Employers' social contributions						
	NRJN	ROYJ	ROYK	ROYL	ROYR	ROYT	ROYS	ROYR	NRJH
2012	250 444	695 166	155 189	169 065	1 269 864	25 602	1 244 262	1 269 864	74.4
2013	256 483	717 359	161 370	165 365	1 300 577	22 097	1 278 480	1 300 577	73.9
2014	278 330	741 947	156 925	184 269	1 361 471	27 612	1 333 859	1 361 471	74.2
2015	289 296	771 252	156 806	185 358	1 402 712	27 144	1 375 568	1 402 712	74.5
Seasonally adjusted									
2013 Q2	63 833	180 485	40 528	41 072	325 918	5 911	320 007	325 918	74.0
Q3	64 022	180 756	39 911	41 398	326 087	5 354	320 733	326 087	73.7
Q4	65 113	181 633	40 239	42 746	329 731	4 651	325 080	329 731	74.6
2014 Q1	67 664	182 470	40 160	44 402	334 696	6 021	328 675	334 696	74.2
Q2	69 814	184 617	38 374	46 441	339 246	7 431	331 815	339 246	73.6
Q3	70 100	185 952	39 251	46 586	341 889	7 223	334 666	341 889	73.9
Q4	70 752	188 908	39 140	46 840	345 640	6 937	338 703	345 640	74.8
2015 Q1	70 962	190 715	38 620	45 792	346 089	6 574	339 515	346 089	74.4
Q2	72 111	191 661	39 492	45 977	349 241	6 935	342 306	349 241	73.6
Q3	72 674	194 257	39 037	45 562	351 530	6 782	344 748	351 530	73.9
Q4	73 549	194 619	39 657	48 027	355 852	6 853	348 999	355 852	76.1
2016 Q1	74 737	195 690	39 732	49 344	359 503	6 336	353 167	359 503	75.4
Q2	75 905	198 637	41 725	46 054	362 321	7 086	355 235	362 321	74.7
Q3	76 607	200 233	43 354	45 683	365 877	6 874	359 003	365 877	74.3
Percentage change, latest year on previous year									
	KHI6	KGQ2	KGQ5	KGQ8	KH9T	KGQ9	KGO6	KH9T	
2012	7.4	1.9	4.2	-8.1	1.7	7.5	1.6	1.7	
2013	2.4	3.2	4.0	-2.2	2.4	-13.7	2.8	2.4	
2014	8.5	3.4	-2.8	11.4	4.7	25.0	4.3	4.7	
2015	3.9	3.9	-0.1	0.6	3.0	-1.7	3.1	3.0	
Percentage change, latest quarter on previous quarter									
	KHI7	KGQ3	KGQ6	KGR4	KH9V	KGR5	KGO8	KH9V	
2013 Q2	0.5	3.4	-0.4	2.3	2.2	-4.4	2.3	2.2	
Q3	0.3	0.2	-1.5	0.8	0.1	-9.4	0.2	0.1	
Q4	1.7	0.5	0.8	3.3	1.1	-13.1	1.4	1.1	
2014 Q1	3.9	0.5	-0.2	3.9	1.5	29.5	1.1	1.5	
Q2	3.2	1.2	-4.4	4.6	1.4	23.4	1.0	1.4	
Q3	0.4	0.7	2.3	0.3	0.8	-2.8	0.9	0.8	
Q4	0.9	1.6	-0.3	0.5	1.1	-4.0	1.2	1.1	
2015 Q1	0.3	1.0	-1.3	-2.2	0.1	-5.2	0.2	0.1	
Q2	1.6	0.5	2.3	0.4	0.9	5.5	0.8	0.9	
Q3	0.8	1.4	-1.2	-0.9	0.7	-2.2	0.7	0.7	
Q4	1.2	0.2	1.6	5.4	1.2	1.0	1.2	1.2	
2016 Q1	1.6	0.6	0.2	2.7	1.0	-7.5	1.2	1.0	
Q2	1.6	1.5	5.0	-6.7	0.8	11.8	0.6	0.8	
Q3	0.9	0.8	3.9	-0.8	1.0	-3.0	1.1	1.0	
Percentage change, latest quarter on corresponding quarter of previous year									
	KHI8	KGQ4	KGQ7	KGR8	KH9X	KGR9	KGP2	KH9X	
2013 Q2	1.9	4.2	7.5	-8.4	2.4	-14.8	2.8	2.4	
Q3	2.1	3.0	1.3	-1.0	2.1	-7.5	2.2	2.1	
Q4	3.5	3.2	7.3	8.3	4.4	-16.4	4.7	4.4	
2014 Q1	6.5	4.6	-1.3	10.6	5.0	-2.6	5.1	5.0	
Q2	9.4	2.3	-5.3	13.1	4.1	25.7	3.7	4.1	
Q3	9.5	2.9	-1.7	12.5	4.8	34.9	4.3	4.8	
Q4	8.7	4.0	-2.7	9.6	4.8	49.2	4.2	4.8	
2015 Q1	4.9	4.5	-3.8	3.1	3.4	9.2	3.3	3.4	
Q2	3.3	3.8	2.9	-1.0	2.9	-6.7	3.2	2.9	
Q3	3.7	4.5	-0.5	-2.2	2.8	-6.1	3.0	2.8	
Q4	4.0	3.0	1.3	2.5	3.0	-1.2	3.0	3.0	
2016 Q1	5.3	2.6	2.9	7.8	3.9	-3.6	4.0	3.9	
Q2	5.3	3.6	5.7	0.2	3.7	2.2	3.8	3.7	
Q3	5.4	3.1	11.1	0.3	4.1	1.4	4.1	4.1	

J2 Households & Non Profit Institutions Serving Households Sector

Secondary Distribution of Income Account

£ million

	RESOURCES					USES								Households & NPISH expenditure implied deflator (2013=100)	Real households disposable income: at chained volume measures
	Balance of gross primary incomes	Social contributions	Social benefits other than social transfers in kind	Other current transfers	Total resources	Current taxes on income, wealth, etc.	Social contributions	Social benefits other than social transfers in kind	Other current transfers	Gross disposable income	Total uses				
	ROY5	L8RG	RPHL	RPHM	RPHP	RPHR	RPHU	RPIA	RPIB	RPHQ	RPHP	YBFS	NRJR		
2012	1 244 262	571	326 088	73 485	1 644 406	189 124	271 906	1 067	45 490	1 136 819	1 644 406	97.7	1 163 065		
2013	1 278 480	561	332 008	70 617	1 681 666	195 544	276 162	1 057	47 361	1 161 542	1 681 666	100.0	1 161 542		
2014	1 333 859	593	334 718	64 288	1 733 458	200 060	288 584	1 089	44 511	1 199 214	1 733 458	101.7	1 179 176		
2015	1 375 568	559	345 384	63 979	1 785 490	209 519	283 110	1 055	45 164	1 246 642	1 785 490	102.0	1 222 115		
Seasonally adjusted															
2013 Q2	320 007	133	83 128	18 476	421 744	50 141	68 649	257	11 852	290 845	421 744	99.7	291 670		
Q3	320 733	150	84 012	18 734	423 629	48 404	68 235	274	11 941	294 775	423 629	100.4	293 721		
Q4	325 080	132	83 123	17 270	425 605	49 330	70 885	256	11 981	293 153	425 605	100.6	291 349		
2014 Q1	328 675	150	81 444	15 094	425 363	48 527	73 042	274	11 217	292 303	425 363	101.1	289 135		
Q2	331 815	156	82 664	17 145	431 780	49 553	70 733	280	11 331	299 883	431 780	101.5	295 571		
Q3	334 666	136	84 107	16 769	435 678	50 790	72 746	260	11 183	300 699	435 678	102.1	294 641		
Q4	338 703	151	86 503	15 280	440 637	51 190	72 063	275	10 780	306 329	440 637	102.2	299 828		
2015 Q1	339 515	128	83 216	15 909	438 768	52 444	69 537	252	11 212	305 323	438 768	101.9	299 577		
Q2	342 306	159	85 349	15 638	443 452	52 046	70 393	283	11 184	309 546	443 452	101.8	303 971		
Q3	344 748	146	87 835	16 977	449 706	52 324	70 501	270	11 344	315 267	449 706	101.9	309 360		
Q4	348 999	126	88 984	15 455	453 564	52 705	72 679	250	11 424	316 506	453 564	102.4	309 207		
2016 Q1	353 167	125	89 298	15 746	458 336	55 388	73 713	249	11 336	317 650	458 336	102.6	309 589		
Q2	355 235	143	89 208	16 129	460 715	52 965	75 474	267	11 373	320 636	460 715	102.7	312 183		
Q3	359 003	128	88 219	15 685	463 035	54 343	76 998	252	11 189	320 253	463 035	103.2	310 245		
Percentage change, latest year on previous year															
	KGO6		KGU3	KGU6	KH9Z	KGT2	KGT8		KGU7	KGP4	KH9Z	KJ5P	KHI9		
2012	1.6		5.8	2.7	2.5	-1.8	-0.2		-2.1	4.1	2.5	1.9	2.2		
2013	2.8		1.8	-3.9	2.3	3.4	1.6		4.1	2.2	2.3	2.3	-0.1		
2014	4.3		0.8	-9.0	3.1	2.3	4.5		-6.0	3.2	3.1	1.7	1.5		
2015	3.1		3.2	-0.5	3.0	4.7	-1.9		1.5	4.0	3.0	0.3	3.6		
Percentage change, latest quarter on previous quarter															
	KGO8		KGU4	KGU8	KHA3	KGT4	KGT9		KGU9	KGP6	KHA3	KJ5Q	KHJ2		
2013 Q2	2.3		1.7	14.5	2.7	5.2	0.4		2.3	2.9	2.7	0.4	2.4		
Q3	0.2		1.1	1.4	0.4	-3.5	-0.6		0.8	1.4	0.4	0.6	0.7		
Q4	1.4		-1.1	-7.8	0.5	1.9	3.9		0.3	-0.6	0.5	0.3	-0.8		
2014 Q1	1.1		-2.0	-12.6	-0.1	-1.6	3.0		-6.4	-0.3	-0.1	0.5	-0.8		
Q2	1.0		1.5	13.6	1.5	2.1	-3.2		1.0	2.6	1.5	0.4	2.2		
Q3	0.9		1.7	-2.2	0.9	2.5	2.8		-1.3	0.3	0.9	0.6	-0.3		
Q4	1.2		2.8	-8.9	1.1	0.8	-0.9		-3.6	1.9	1.1	0.1	1.8		
2015 Q1	0.2		-3.8	4.1	-0.4	2.4	-3.5		4.0	-0.3	-0.4	-0.2	-0.1		
Q2	0.8		2.6	-1.7	1.1	-0.8	1.2		-0.2	1.4	1.1	-0.1	1.5		
Q3	0.7		2.9	8.6	1.4	0.5	0.2		1.4	1.8	1.4	0.1	1.8		
Q4	1.2		1.3	-9.0	0.9	0.7	3.1		0.7	0.4	0.9	0.4	-		
2016 Q1	1.2		0.4	1.9	1.1	5.1	1.4		-0.8	0.4	1.1	0.2	0.1		
Q2	0.6		-0.1	2.4	0.5	-4.4	2.4		0.3	0.9	0.5	0.1	0.8		
Q3	1.1		-1.1	-2.8	0.5	2.6	2.0		-1.6	-0.1	0.5	0.5	-0.6		
Percentage change, latest quarter on corresponding quarter of previous year															
	KGP2		KGU5	KGU2	KHA5	KGT6	KGU2		KGU3	KGP8	KHA5	KJ5R	KHJ3		
2013 Q2	2.8		0.8	-1.1	2.2	6.1	0.3		6.4	1.8	2.2	2.2	-0.4		
Q3	2.2		3.0	-0.7	2.3	1.7	-0.6		4.7	2.9	2.3	2.7	0.2		
Q4	4.7		-0.1	-3.3	3.4	3.8	9.3		2.1	2.1	3.4	2.2	-0.1		
2014 Q1	5.1		-0.4	-6.5	3.6	1.8	6.8		-3.2	3.4	3.6	1.8	1.5		
Q2	3.7		-0.6	-7.2	2.4	-1.2	3.0		-4.4	3.1	2.4	1.7	1.3		
Q3	4.3		0.1	-10.5	2.8	4.9	6.6		-6.3	2.0	2.8	1.7	0.3		
Q4	4.2		4.1	-11.5	3.5	3.8	1.7		-10.0	4.5	3.5	1.5	2.9		
2015 Q1	3.3		2.2	5.4	3.2	8.1	-4.8		-	4.5	3.2	0.8	3.6		
Q2	3.2		3.2	-8.8	2.7	5.0	-0.5		-1.3	3.2	2.7	0.4	2.8		
Q3	3.0		4.4	1.2	3.2	3.0	-3.1		1.4	4.8	3.2	-0.1	5.0		
Q4	3.0		2.9	1.1	2.9	3.0	0.9		6.0	3.3	2.9	0.2	3.1		
2016 Q1	4.0		7.3	-1.0	4.5	5.6	6.0		1.1	4.0	4.5	0.7	3.3		
Q2	3.8		4.5	3.1	3.9	1.8	7.2		1.7	3.6	3.9	0.9	2.7		
Q3	4.1		0.4	-7.6	3.0	3.9	9.2		-1.4	1.6	3.0	1.3	0.3		

J3 Households & Non Profit Institutions Serving Households Sector Use of Disposable Income Account

£ million

	RESOURCES			USES			Households' saving ratio ¹ (per cent)
	Gross disposable income	Adjustment for the change in pension entitlements	Total available resources	Final consumption expenditure	Gross saving	Total uses	
	RPHQ	RPQJ	RPQK	RPQM	RPQL	RPQK	NRJS
2012	1 136 819	58 408	1 195 227	1 095 763	99 464	1 195 227	8.3
2013	1 161 542	58 157	1 219 699	1 138 546	81 153	1 219 699	6.7
2014	1 199 214	69 963	1 269 177	1 182 902	86 275	1 269 177	6.8
2015	1 246 642	51 833	1 298 475	1 214 687	83 788	1 298 475	6.5
Seasonally adjusted							
2013 Q2	290 845	13 351	304 196	282 468	21 728	304 196	7.1
Q3	294 775	13 257	308 032	286 482	21 550	308 032	7.0
Q4	293 153	16 561	309 714	289 102	20 612	309 714	6.7
2014 Q1	292 303	19 595	311 898	291 150	20 748	311 898	6.7
Q2	299 883	17 297	317 180	293 578	23 602	317 180	7.4
Q3	300 699	18 016	318 715	299 156	19 559	318 715	6.1
Q4	306 329	15 055	321 384	299 018	22 366	321 384	7.0
2015 Q1	305 323	14 584	319 907	300 532	19 375	319 907	6.1
Q2	309 546	13 675	323 221	301 739	21 482	323 221	6.6
Q3	315 267	11 299	326 566	304 906	21 660	326 566	6.6
Q4	316 506	12 275	328 781	307 510	21 271	328 781	6.5
2016 Q1	317 650	13 201	330 851	310 675	20 176	330 851	6.1
Q2	320 636	13 166	333 802	313 322	20 480	333 802	6.1
Q3	320 253	15 572	335 825	317 054	18 771	335 825	5.6
Percentage change, latest year on previous year							
	KGP4		KHA7	KH7J		KHA7	
2012	4.1		3.0	3.7		3.0	
2013	2.2		2.0	3.9		2.0	
2014	3.2		4.1	3.9		4.1	
2015	4.0		2.3	2.7		2.3	
Percentage change, latest quarter on previous quarter							
	KGP6		KHA8	KH7K		KHA8	
2013 Q2	2.9		2.2	0.7		2.2	
Q3	1.4		1.3	1.4		1.3	
Q4	-0.6		0.5	0.9		0.5	
2014 Q1	-0.3		0.7	0.7		0.7	
Q2	2.6		1.7	0.8		1.7	
Q3	0.3		0.5	1.9		0.5	
Q4	1.9		0.8	-		0.8	
2015 Q1	-0.3		-0.5	0.5		-0.5	
Q2	1.4		1.0	0.4		1.0	
Q3	1.8		1.0	1.0		1.0	
Q4	0.4		0.7	0.9		0.7	
2016 Q1	0.4		0.6	1.0		0.6	
Q2	0.9		0.9	0.9		0.9	
Q3	-0.1		0.6	1.2		0.6	
Percentage change, latest quarter on corresponding quarter of previous year							
	KGP8		KHA9	KH7L		KHA9	
2013 Q2	1.8		1.3	3.5		1.3	
Q3	2.9		2.0	4.5		2.0	
Q4	2.1		4.0	4.0		4.0	
2014 Q1	3.4		4.7	3.8		4.7	
Q2	3.1		4.3	3.9		4.3	
Q3	2.0		3.5	4.4		3.5	
Q4	4.5		3.8	3.4		3.8	
2015 Q1	4.5		2.6	3.2		2.6	
Q2	3.2		1.9	2.8		1.9	
Q3	4.8		2.5	1.9		2.5	
Q4	3.3		2.3	2.8		2.3	
2016 Q1	4.0		3.4	3.4		3.4	
Q2	3.6		3.3	3.8		3.3	
Q3	1.6		2.8	4.0		2.8	

¹ Saving as a percentage of total available resources.

K1 Private Non-Financial Corporations Sector: Allocation of Primary Income Account

£ million

	Gross operating surplus							Property income payments					Share of gross national income ¹ (per cent)
	Gross trading profits			less inventory holding gains ²	Gross operating surplus ¹	Property income receipts	Total resources ^{1,3}	Total payments	of which Dividends	of which Interest	Gross balance of primary incomes ¹		
	Continental shelf companies	Others ¹	Rental of buildings										
	CAGD	CAED	DTWR	-DLRA	CAER	RPM	RPM	RPBP	RVFT	ROCG	RPBO	NRJL	
2012	25 246	237 494	25 791	-2 733	285 798	86 535	372 333	165 544	106 074	29 299	206 789	12.4	
2013	23 470	256 906	26 806	-3 148	304 034	83 883	387 917	173 845	103 570	26 725	214 072	12.4	
2014	16 702	287 608	26 773	626	331 709	77 527	409 236	181 222	109 673	29 167	228 014	12.6	
2015	10 253	296 199	26 271	3 667	336 390	67 759	404 149	173 670	111 280	25 187	230 479	12.5	

Seasonally adjusted

2013 Q2	5 882	60 304	6 710	242	73 138	23 131	96 269	42 968	24 776	6 791	53 301	12.3
Q3	5 887	65 309	6 716	-337	77 575	20 235	97 810	45 361	27 758	6 457	52 449	12.0
Q4	5 673	63 134	6 719	112	75 638	21 088	96 726	44 241	25 769	6 357	52 485	12.0
2014 Q1	5 173	67 721	6 697	33	79 624	20 887	100 511	45 022	25 173	6 600	55 489	12.5
Q2	4 494	70 981	6 683	-722	81 436	21 680	103 116	46 612	36 607	7 167	56 504	12.5
Q3	3 679	77 047	6 681	461	87 868	15 521	103 389	42 664	23 292	7 295	60 725	13.4
Q4	3 356	71 859	6 712	854	82 781	19 439	102 220	46 924	24 601	8 105	55 296	12.2
2015 Q1	2 509	71 619	6 548	2 469	83 145	19 705	102 850	46 172	27 005	6 385	56 678	12.4
Q2	3 449	74 121	6 621	2 013	86 204	18 728	104 932	43 981	28 120	6 394	60 951	13.1
Q3	2 197	74 571	6 573	733	84 074	14 359	98 433	38 815	25 944	6 334	59 618	12.8
Q4	2 098	75 888	6 529	-1 548	82 967	14 967	97 934	44 702	30 211	6 074	53 232	11.6
2016 Q1	2 122	79 455	6 440	111	88 128	14 983	103 111	45 162	27 894	6 780	57 949	12.4
Q2	2 025	80 472	6 557	-767	88 287	17 054	105 341	42 443	23 103	6 771	62 898	13.2
Q3	2 208	82 630	6 602	-3 996	87 444	19 339	106 783	41 171	21 265	7 103	65 612	13.6

Percentage change, latest year on previous year

	KH5C	KH5F		KH59	KGR2	KH9U	KGR3	KGS7	KGS4	KGO7
2012	-15.3	-0.2		1.0	-20.1	-4.8	2.7	2.3	7.6	-10.1
2013	-7.0	8.2		6.4	-3.1	4.2	5.0	-2.4	-8.8	3.5
2014	-28.8	12.0		9.1	-7.6	5.5	4.2	5.9	9.1	6.5
2015	-38.6	3.0		1.4	-12.6	-1.2	-4.2	1.5	-13.6	1.1

Percentage change, latest quarter on previous quarter

	KH5D	KH5G		KH5A	KGR6	KH9W	KGR7	KGS8	KGS5	KGO9
2013 Q2	-2.4	-11.5		-5.9	19.1	-0.9	4.1	-1.9	-4.6	-4.5
Q3	0.1	8.3		6.1	-12.5	1.6	5.6	12.0	-4.9	-1.6
Q4	-3.6	-3.3		-2.5	4.2	-1.1	-2.5	-7.2	-1.5	0.1
2014 Q1	-8.8	7.3		5.3	-1.0	3.9	1.8	-2.3	3.8	5.7
Q2	-13.1	4.8		2.3	3.8	2.6	3.5	45.4	8.6	1.8
Q3	-18.1	8.5		7.9	-28.4	0.3	-8.5	-36.4	1.8	7.5
Q4	-8.8	-6.7		-5.8	25.2	-1.1	10.0	5.6	11.1	-8.9
2015 Q1	-25.2	-0.3		0.4	1.4	0.6	-1.6	9.8	-21.2	2.5
Q2	37.5	3.5		3.7	-5.0	2.0	-4.7	4.1	0.1	7.5
Q3	-36.3	0.6		-2.5	-23.3	-6.2	-11.7	-7.7	-0.9	-2.2
Q4	-4.5	1.8		-1.3	4.2	-0.5	15.2	16.4	-4.1	-10.7
2016 Q1	1.1	4.7		6.2	0.1	5.3	1.0	-7.7	11.6	8.9
Q2	-4.6	1.3		0.2	13.8	2.2	-6.0	-17.2	-0.1	8.5
Q3	9.0	2.7		-1.0	13.4	1.4	-3.0	-8.0	4.9	4.3

Percentage change, latest quarter on corresponding quarter of previous year

	KH5E	KH5H		KH5B	KGS2	KH9Y	KGS3	KGS9	KGS6	KGP3
2013 Q2	-6.6	6.8		5.4	5.6	5.4	1.4	-6.4	-8.0	8.9
Q3	-1.9	5.7		4.8	-7.9	1.9	8.8	11.2	-13.1	-3.4
Q4	-3.3	0.7		1.7	8.1	3.0	7.7	-14.4	-6.3	-0.6
2014 Q1	-14.2	-0.6		2.5	7.5	3.5	9.1	-0.4	-7.3	-0.6
Q2	-23.6	17.7		11.3	-6.3	7.1	8.5	47.8	5.5	6.0
Q3	-37.5	18.0		13.3	-23.3	5.7	-5.9	-16.1	13.0	15.8
Q4	-40.8	13.8		9.4	-7.8	5.7	6.1	-4.5	27.5	5.4
2015 Q1	-51.5	5.8		4.4	-5.7	2.3	2.6	7.3	-3.3	2.1
Q2	-23.3	4.4		5.9	-13.6	1.8	-5.6	-23.2	-10.8	7.9
Q3	-40.3	-3.2		-4.3	-7.5	-4.8	-9.0	11.4	-13.2	-1.8
Q4	-37.5	5.6		0.2	-23.0	-4.2	-4.7	22.8	-25.1	-3.7
2016 Q1	-15.4	10.9		6.0	-24.0	0.3	-2.2	3.3	6.2	2.2
Q2	-41.3	8.6		2.4	-8.9	0.4	-3.5	-17.8	5.9	3.2
Q3	0.5	10.8		4.0	34.7	8.5	6.1	-18.0	12.1	10.1

1 Quarterly alignment adjustment included in this series.

3 Total resources equals total uses.

2 These tables do not contain the most recent data for inventory holding gains for financial corporations and private non-financial corporations for 2015 onwards due to late processing of these data. This will be amended at the next opportunity, 23 Feb 2017 for 2016 data and 29 Sept 2017 for 2015 data

K2 Private Non-financial Corporations Sector: Secondary Distribution of Income Account and Capital Account

£ million

	Secondary Distribution of Income Account							Capital Account				
	Resources			Uses				Changes in liabilities & net worth		Changes in assets		
	Gross balance of primary incomes ¹	Other resources ²	Total ^{1,3}	Taxes on income	Other uses ⁴	Gross disposable income ^{1,5}	Net capital transfer receipts	Total ¹	Gross fixed capital formation	Changes in inventories ¹	Other changes in assets ⁶	Net lending (+) or borrowing (-) ^{1,7}
	RPBO	NROQ	RPKY	RPLA	NROO	RPKZ	NROP	RPXH	ROAW	DLQY	NRON	RQBV
2012	206 789	6 930	213 719	32 715	7 418	173 586	2 145	175 731	135 076	1 945	2 077	36 633
2013	214 072	9 730	223 802	32 333	10 218	181 251	1 463	182 714	143 405	4 791	3 384	31 134
2014	228 014	9 129	237 143	30 645	9 617	196 881	1 927	198 808	150 390	12 251	3 171	32 996
2015	230 479	7 933	238 412	31 994	8 421	197 997	1 840	199 837	159 026	5 617	2 466	32 728

Seasonally adjusted

2013 Q2	53 301	2 590	55 891	7 536	2 712	45 643	325	45 968	35 180	-748	625	10 911
Q3	52 449	2 396	54 845	8 287	2 518	44 040	92	44 132	36 607	3 580	488	3 457
Q4	52 485	2 284	54 769	8 496	2 406	43 867	499	44 366	37 499	1 799	1 517	3 551
2014 Q1	55 489	2 484	57 973	8 118	2 606	47 249	607	47 856	35 753	1 897	879	9 327
Q2	56 504	2 438	58 942	8 253	2 560	48 129	481	48 610	38 249	4 003	412	5 946
Q3	60 725	2 107	62 832	7 173	2 229	53 430	370	53 800	37 724	2 800	1 105	12 171
Q4	55 296	2 100	57 396	7 101	2 222	48 073	469	48 542	38 664	3 551	775	5 552
2015 Q1	56 678	2 107	58 785	7 687	2 229	48 869	998	49 867	39 227	824	1 385	8 431
Q2	60 951	1 996	62 947	8 175	2 118	52 654	222	52 876	39 941	2 762	715	9 458
Q3	59 618	1 974	61 592	7 970	2 096	51 526	290	51 816	40 576	1 013	556	9 671
Q4	53 232	1 856	55 088	8 162	1 978	44 948	330	45 278	39 282	1 018	-190	5 168
2016 Q1	57 949	2 095	60 044	7 941	2 217	49 886	769	50 655	38 495	1 455	1 711	8 994
Q2	62 898	2 067	64 965	8 378	2 189	54 398	158	54 556	40 208	2 972	-3	11 379
Q3	65 612	1 980	67 592	8 299	2 102	57 191	284	57 475	40 410	4 177	1 899	10 989

Percentage change, latest year on previous year

	KGO7	KHJ6	KHA2	KGT3	KHJ4	KGP5	KHJ5	KGN8	KH7M
2012	-10.1	4.9	-9.7	-8.2	4.6	-10.5	-13.2	-10.6	8.3
2013	3.5	40.4	4.7	-1.2	37.7	4.4	-31.8	4.0	6.2
2014	6.5	-6.2	6.0	-5.2	-5.9	8.6	31.7	8.8	4.9
2015	1.1	-13.1	0.5	4.4	-12.4	0.6	-4.5	0.5	5.7

Percentage change, latest quarter on previous quarter

	KGO9	KHJ9	KHA4	KGT5	KHJ7	KGP7	KHJ8	KGN9	KH7O
2013 Q2	-4.5	5.3	-4.1	-6.0	5.0	-4.3	-40.6	-4.7	3.1
Q3	-1.6	-7.5	-1.9	10.0	-7.2	-3.5	-71.7	-4.0	4.1
Q4	0.1	-4.7	-0.1	2.5	-4.4	-0.4	442.4	0.5	2.4
2014 Q1	5.7	8.8	5.9	-4.4	8.3	7.7	21.6	7.9	-4.7
Q2	1.8	-1.9	1.7	1.7	-1.8	1.9	-20.8	1.6	7.0
Q3	7.5	-13.6	6.6	-13.1	-12.9	11.0	-23.1	10.7	-1.4
Q4	-8.9	-0.3	-8.7	-1.0	-0.3	-10.0	26.8	-9.8	2.5
2015 Q1	2.5	0.3	2.4	8.3	0.3	1.7	112.8	2.7	1.5
Q2	7.5	-5.3	7.1	6.3	-5.0	7.7	-77.8	6.0	1.8
Q3	-2.2	-1.1	-2.2	-2.5	-1.0	-2.1	30.6	-2.0	1.6
Q4	-10.7	-6.0	-10.6	2.4	-5.6	-12.8	13.8	-12.6	-3.2
2016 Q1	8.9	12.9	9.0	-2.7	12.1	11.0	133.0	11.9	-2.0
Q2	8.5	-1.3	8.2	5.5	-1.3	9.0	-79.5	7.7	4.4
Q3	4.3	-4.2	4.0	-0.9	-4.0	5.1	79.7	5.4	0.5

Percentage change, latest quarter on corresponding quarter of previous year

	KGP3	KHK4	KHA6	KGT7	KHK2	KGP9	KHK3	KGO2	KH7Q
2013 Q2	8.9	53.8	10.4	-3.9	50.2	11.4	80.6	11.7	5.9
Q3	-3.4	46.2	-1.9	1.1	43.0	-4.2	-63.6	-4.5	8.9
Q4	-0.6	29.2	0.4	9.4	27.3	-2.3	22.6	-2.1	7.8
2014 Q1	-0.6	1.0	-0.6	1.3	0.9	-0.9	11.0	-0.8	4.8
Q2	6.0	-5.9	5.5	9.5	-5.6	5.4	48.0	5.7	8.7
Q3	15.8	-12.1	14.6	-13.4	-11.5	21.3	302.2	21.9	3.1
Q4	5.4	-8.1	4.8	-16.4	-7.6	9.6	-6.0	9.4	3.1
2015 Q1	2.1	-15.2	1.4	-5.3	-14.5	3.4	64.4	4.2	9.7
Q2	7.9	-18.1	6.8	-0.9	-17.3	9.4	-53.8	8.8	4.4
Q3	-1.8	-6.3	-2.0	11.1	-6.0	-3.6	-21.6	-3.7	7.6
Q4	-3.7	-11.6	-4.0	14.9	-11.0	-6.5	-29.6	-6.7	1.6
2016 Q1	2.2	-0.6	2.1	3.3	-0.5	2.1	-22.9	1.6	-1.9
Q2	3.2	3.6	3.2	2.5	3.4	3.3	-28.8	3.2	0.7
Q3	10.1	0.3	9.7	4.1	0.3	11.0	-2.1	10.9	-0.4

1 Quarterly alignment adjustment included in this series.

2 Social contributions and other current transfers.

3 Total resources equals total uses.

4 Social benefits and other current transfers.

5 Also known as gross saving.

6 Acquisitions less disposals of valuables and non-produced non-financial assets.

7 Gross of fixed capital consumption.

Gross value added at basic prices: individual measures

	£ million				Index numbers (2013 = 100)				
	Expenditure-based estimate at chained volume measures	At current prices			Value indices at current prices		Chained volume indices		
		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
2012	1 530 435	1 495 576	1 495 576	–	96.4	96.4	98.6	98.6	98.6
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
Seasonally adjusted									
2013 Q2	386 545	385 571	385 571	–	99.4	99.4	99.7	99.7	99.7
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	412 527	423 011	427 468	–4 457	109.1	110.2	106.4	107.5	107.5
Q2	414 977	427 787	432 934	–5 147	110.3	111.6	107.0	108.3	108.3
Q3	417 507	431 382	436 654	–5 272	111.2	112.6	107.6	109.0	109.0
Percentage change, latest year on previous year									
	KH4D	KH47	KH68		KH47	KH68	KH4D	KH6E	GDPQ
2012	1.0	3.0	3.0		3.0	3.0	1.0	1.0	1.0
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
Percentage change, latest quarter on previous quarter									
	KH4F	KH49	KH6A		KH49	KH6A	KH4F	KH6G	
2013 Q2	0.3	0.5	0.5		0.5	0.5	0.3	0.3	0.3
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	1.3	2.0		1.3	2.0	–0.1	0.5	0.5
Q2	0.6	1.1	1.3		1.1	1.3	0.6	0.7	0.7
Q3	0.6	0.8	0.9		0.8	0.9	0.6	0.6	0.6
Percentage change, latest quarter on corresponding quarter of previous year									
	KH4H	KH4B	KH6C		KH4B	KH6C	KH4H	KH6I	GDPR
2013 Q2	1.5	4.3	4.3		4.3	4.3	1.5	1.5	1.5
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	2.4	3.3		2.4	3.3	1.3	2.2	2.2
Q2	1.4	2.3	3.2		2.3	3.2	1.4	2.4	2.4
Q3	1.7	3.4	4.4		3.4	4.4	1.7	2.7	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.

² Income data deflated by the implied GDP deflator, based on expenditure data.

M Alignment adjustments

£ million

	Changes in inventories		Gross operating surplus of non-financial corporations at current prices
	At current prices	Chained volume measures (Reference year 2013)	
Seasonally adjusted			
	DMUN	DMUM	DMUQ
2013 Q2	-1 907	-1 914	-1 479
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	-1 991	-1 930	1 999
Q2	-1 189	-1 146	2 044
Q3	1 995	1 916	1 287

N Selected financial year variables ¹

£ 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 ²	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	96.2383
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	97.8255
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	99.2623
2015/16	1 888 054	1 886 054	1 681 718	364 686	49 308	1 840 471	1 650 453	363 850	46 764	100.0000
Seasonally adjusted⁵										
2013 Q2	431 909	426 198	385 571	88 092	11 390	433 271	386 545	87 076	11 316	97.1740
Q3	438 341	434 143	390 569	87 027	11 371	436 560	388 721	87 235	11 553	97.8781
Q4	440 312	445 281	391 799	88 824	11 714	438 707	390 771	87 904	11 857	97.8370
2014 Q1	446 657	453 938	397 901	89 016	14 703	442 425	394 815	89 221	13 769	98.4128
Q2	454 849	449 736	405 358	89 072	11 255	446 519	399 298	89 395	10 946	99.2989
Q3	459 678	455 439	410 620	90 924	11 841	450 141	403 266	89 598	11 946	99.5457
Q4	461 296	463 367	410 397	89 517	11 732	453 891	406 790	89 376	11 874	99.0707
2015 Q1	462 745	466 270	413 491	89 785	12 223	455 026	407 788	89 752	11 994	99.1340
Q2	469 585	462 910	419 090	90 882	12 740	457 214	409 806	90 551	11 902	100.1179
Q3	469 289	466 894	417 935	91 576	12 098	458 456	411 140	91 058	11 708	99.7838
Q4	471 095	476 640	418 676	90 596	12 195	461 622	414 068	90 901	11 670	99.4808
2016 Q1	478 085	479 610	426 017	91 632	12 275	463 179	415 439	91 340	11 484	100.6175
Q2	483 971	478 055	431 259	92 185	12 165	466 154	418 321	91 218	11 958	101.2062
Q3	487 915	483 491	434 944	92 111	12 548	468 771	420 929	91 253	12 610	101.4614
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	2.7	2.8	2.6	1.5	4.8	1.9	2.1	1.6	-	0.7
Percentage change, latest quarter on previous quarter										
	IHYN	A8L9	KGL8	KH2D	KH7P	IHYQ	KGM9	KH2J	KH9C	L8GH
2013 Q2	0.7	-1.8	0.5	2.8	1.0	0.5	0.3	-0.4	2.7	0.2
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	1.5	0.6	1.8	1.1	0.7	0.3	0.3	0.5	-1.6	1.1
Q2	1.2	-0.3	1.2	0.6	-0.9	0.6	0.7	-0.1	4.1	0.6
Q3	0.8	1.1	0.9	-0.1	3.1	0.6	0.6	-	5.5	0.3
Percentage change, latest quarter on corresponding quarter of previous year										
	IHYO	A8LA	KGM2	KH2E	KH7R	IHYR	KGN3	KH2K	KH9M	L8GI
2013 Q2	4.4	4.3	4.3	2.4	-5.2	2.1	1.5	0.7	-8.0	2.3
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	3.3	2.9	3.0	2.1	0.4	1.8	1.9	1.8	-4.3	1.5
Q2	3.1	3.3	2.9	1.4	-4.5	2.0	2.1	0.7	0.5	1.1
Q3	4.0	3.6	4.1	0.6	3.7	2.2	2.4	0.2	7.7	1.7

1 Financial year £ millions estimates are the sum of the 4 quarters which make up that financial year.

2 Non seasonally adjusted data.

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.

5 All data are seasonally adjusted unless otherwise specified.

	Implied deflators ²		
	Gross national expenditure	Gross domestic product at market prices ³	Gross value added at basic prices
	MNE2	MNF2	MNX5
2012	97.5062	96.0111	96.1722
2013	98.6933	97.8408	98.4163
2014	99.7680	99.4509	99.6506
2015	100.0000	100.0000	100.0000
Seasonally adjusted			
2013 Q2	98.4929	97.5357	98.1700
Q3	99.0254	98.2424	98.8859
Q4	99.1537	98.2012	98.6769
2014 Q1	99.7505	98.7792	99.1873
Q2	99.8348	99.6685	99.9117
Q3	99.9034	99.9162	100.2128
Q4	99.5831	99.4395	99.2907
2015 Q1	99.4264	99.5030	99.7944
Q2	100.2387	100.4906	100.6477
Q3	100.0617	100.1552	100.0446
Q4	100.2732	99.8511	99.5133
2016 Q1	101.0121	100.9920	100.9240
Q2	101.6321	101.5829	101.4619
Q3	101.9491	101.8390	101.6949
Percentage change, latest year on previous year			
	MNE3	MNF3	MNX6
2012	1.4	1.5	1.9
2013	1.2	1.9	2.3
2014	1.1	1.6	1.3
2015	0.2	0.6	0.4
Percentage change, latest quarter on previous quarter			
	MNE4	MNF4	MNX7
2013 Q2	0.4	0.2	0.2
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	0.7	1.1	1.4
Q2	0.6	0.6	0.5
Q3	0.3	0.3	0.2
Percentage change, latest quarter on corresponding quarter of previous year			
	MNE5	MNF5	MNX8
2013 Q2	1.8	2.3	2.7
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	1.6	1.5	1.1
Q2	1.4	1.1	0.8
Q3	1.9	1.7	1.6

1 Implied deflator is expressed in terms of 2015 = 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 Head¹

£

	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
2012	63 705	1 675 044	26 294	1 706 942	26 794
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
Seasonally adjusted					
2013 Q2	64 106	431 909	6 737	433 271	6 759
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	478 085	7 304	463 179	7 076
Q2	65 572	483 971	7 381	466 154	7 109
Q3	65 686	487 915	7 428	468 771	7 137
Percentage change, latest year on previous year					
		IHYM	N3Y3	IHYP	N3Y6
2012		2.9	2.2	1.3	0.6
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
Percentage change, latest quarter on previous quarter					
		IHYN	N3Y4	IHYQ	N3Y7
2013 Q2		0.7	0.5	0.5	0.4
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		1.5	1.3	0.3	0.2
Q2		1.2	1.1	0.6	0.5
Q3		0.8	0.6	0.6	0.4
Percentage change, latest quarter on corresponding quarter of previous year					
		IHYO	N3Y5	IHYR	N3Y8
2013 Q2		4.4	3.7	2.1	1.4
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		3.3	2.6	1.8	1.1
Q2		3.1	2.3	2.0	1.2
Q3		4.0	3.2	2.2	1.5

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

Revisions Analysis¹

Revisions since previously published estimates

£ million

		2011	2012	2013	2014	2015
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	–	–	–	–	2 021
less Basic price adjustment	KB7E	–	–	–	–	31
Gross value added at basic prices	KB7F	–	–	–	–	1 990
Gross domestic product: expenditure at current prices (Table C1)						
National expenditure on goods and services at market prices						
Households	KB7K	–	–	–	–	–1 243
Non-profit institutions serving households	KB7L	–	–	–	–	–
General government	KB7M	–	–	–	–	–175
Gross fixed capital formation	KB7N	–	–	–	–	158
Changes in inventories	KB7O	–	–	–	–	371
Acquisitions less disposals of valuables	KB7P	–	–	–	–	–7 857
Total	KB7Q	–	–	–	–	–8 746
Total exports	KB7R	–	–	–	–	8 679
Total imports	KB7S	–	–	–	–	–207
Statistical discrepancy (expenditure)	KB7T	–	–	–	–	1 881
Gross domestic product: income at current prices (Table D)						
Compensation of employees	KB7U	–	–	–	–	–1 600
Gross operating surplus of corporations	KB7V	–	–	–	–	3 524
Other income	KB7W	–	–	–	–	353
Gross value added at factor cost	KB7X	–	–	–	–	2 277
Taxes on products & production less Subsidies	KB7Y	–	–	–	–	300
Statistical discrepancy (income)	KB7Z	–	–	–	–	–556

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

		2011	2012	2013	2014	2015
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	–	–	–	–	–
Percentage changes in volume of GVA output components (Table B1)						
GVA at basic prices						
Agriculture, forestry and fishing	KB83	–	–	–	–	–0.1
Mining and quarrying inc oil & gas extraction	KB84	–	–	–	–	–0.1
Manufacturing	KB85	–	–	–	–	–0.1
Electricity, gas, steam and air	KB86	–	–	–	–	0.1
Water supply, sewerage	KNT7	–	–	–	–	–
Total Production	KB87	–	–	–	–	–0.1
Construction	KB88	–	–	–	–	–
Distribution, hotels and restaurants	KB89	–	–	–	–	–0.1
Transport storage and communications	KB8A	–	–	–	–	–0.1
Business services and finance	KB8B	–	–	–	–	0.3
Government and other services	KB8C	–	–	–	–	–
Total services	KB8D	–	–	–	–	0.1
Total GVA	KB8E	–	–	–	–	–
Total GVA excluding Oil	KB8F	–	–	–	–	–
Percentage changes in volume of GDP expenditure components (Table C2)						
National expenditure on goods and services at market prices						
Households	KB8G	–	–	–	–	–0.1
Non-profit institutions serving households	KB8H	–	–	–	–	–
General government	KB8I	–	–	–	–	–0.2
Gross fixed capital formation	KB8J	–	–	–	–	–
Total	KB8K	–	–	–	–	–0.6
Total exports	KB8L	–	–	–	–	1.6
Total imports	KB8M	–	–	–	–	0.1

		2011	2012	2013	2014	2015
Latest less previously published household saving ratio						
<i>Previous estimates published on 30th September 2016</i>						
Households' sector: Use of Disposable Income Account (TABLE J3)						
Saving ratio (per cent)	KB8N	–	–	–	–	0.4

2 Estimates are given to one decimal place but cannot be regarded as accurate to this degree.

Revisions Analysis¹

Revisions since previously published estimates

continued

£ million

		2013 Q2	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
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	—	—	—	—	—	—	—	—390	873	1 068	470	1 854	799	861
less Basic price adjustment	KB7E	—	—	—	—	—	—	—	—15	—34	44	36	59	45	471
Gross value added at basic prices	KB7F	—	—	—	—	—	—	—	—375	907	1 024	434	1 795	754	390
Gross domestic product: expenditure at current prices (Table C1)															
National expenditure on goods and services at market prices															
Households	KB7K	—	—	—	—	—	—	—	19	—690	—61	—511	97	—946	—457
Non-profit institutions serving households	KB7L	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General government	KB7M	—	—	—	—	—	—	—	124	—98	—91	—110	68	734	—165
Gross fixed capital formation	KB7N	—	—	—	—	—	—	—	—62	119	—122	223	156	—490	—446
Changes in inventories	KB7O	—	—	—	—	—	—	—	—254	581	226	—182	—302	—2 158	—1 254
Acquisitions less disposals of valuables	KB7P	—	—	—	—	—	—	—	—964	—1 490	—931	—4 472	—677	—3 414	5 703
Total	KB7Q	—	—	—	—	—	—	—	—1 137	—1 578	—979	—5 052	—658	—6 274	3 381
Total exports	KB7R	—	—	—	—	—	—	—	1 420	2 247	1 685	3 327	66	3 553	—1 910
Total imports	KB7S	—	—	—	—	—	—	—	854	139	187	—1 387	—1 338	—1 792	2 279
Statistical discrepancy (expenditure)	KB7T	—	—	—	—	—	—	—	181	343	549	808	1 108	1 728	1 669
Gross domestic product: income at current prices (Table D)															
Compensation of employees	KB7U	—	—	—	—	—	—	—	—306	110	—978	—426	—9	516	661
Gross operating surplus of corporations	KB7V	—	—	—	—	—	—	—	—349	859	1 968	1 046	1 298	885	—98
Other income	KB7W	—	—	—	—	—	—	—	140	—48	173	88	644	18	384
Gross value added at factor cost	KB7X	—	—	—	—	—	—	—	—515	921	1 163	708	1 933	1 419	947
Taxes on products & production less Subsidies	KB7Y	—	—	—	—	—	—	—	100	—9	94	115	204	76	442
Statistical discrepancy (income)	KB7Z	—	—	—	—	—	—	—	25	—39	—189	—353	—283	—696	—528

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

		2013 Q2	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
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	0.1
Quarter on same quarter a year earlier	KB94	—	—	—	—	—	—	—	—	—	—0.1	—	—0.1	—0.1	—0.1
Percentage changes in volume of GVA output components (Table B1)															
GVA at basic prices quarter on quarter growth															
Agriculture, forestry and fishing	KB83	—	—	—	—	—	—	—	—0.2	—0.1	0.4	—0.1	—0.1	—0.1	—0.1
Mining and quarrying inc oil & gas extraction	KB84	—	—	—	—	—	—	—	—	0.1	—	—0.1	—	—	—
Manufacturing	KB85	—	—	—	—	—	—	—	—	—0.1	—	—	—0.1	—	0.1
Electricity, gas, steam and air	KB86	—	—	—	—	—	—	—	0.1	—	0.1	—	0.1	—	0.1
Water supply, sewerage	KNT7	—	—	—	—	—	—	—	0.1	0.1	0.1	—0.3	0.1	0.2	0.4
Total Production	KB87	—	—	—	—	—	—	—	—	—0.1	0.1	—	—0.1	—	0.1
Construction	KB88	—	—	—	—	—	—	—	0.1	—0.1	—0.1	0.4	0.3	0.6	0.3
Distribution, hotels and restaurants	KB89	—	—	—	—	—	—	—	0.1	—	—0.1	—0.3	0.2	—0.2	—
Transport storage and communications	KB8A	—	—	—	—	—	—	—	—0.1	0.2	—0.2	—	—0.1	—0.2	0.3
Business services and finance	KB8B	—	—	—	—	—	—	—	0.2	0.1	—	0.2	—0.1	0.2	0.5
Government and other services	KB8C	—	—	—	—	—	—	—	—	—	0.1	—0.1	—0.1	—	—0.1
Total services	KB8D	—	—	—	—	—	—	—	—	—	—	0.1	—0.1	—	0.2
Total GVA	KB8E	—	—	—	—	—	—	—	—0.1	—	—0.1	—	—0.1	—	0.1
Total GVA excluding Oil	KB8F	—	—	—	—	—	—	—	—	—0.1	—	0.1	—0.1	—	0.2
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	—	—	—	—	—	—	—	—0.1	—0.1	0.1	—	—	—0.2	—
Non-profit institutions serving households	KB8H	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General government	KB8I	—	—	—	—	—	—	—	—	—0.1	—	—0.2	0.1	—0.1	—0.4
Gross fixed capital formation	KB8J	—	—	—	—	—	—	—	—0.2	0.3	—0.1	0.4	—0.4	—0.5	—0.2
Total	KB8K	—	—	—	—	—	—	—	—0.1	—0.3	—	—0.7	0.8	—1.1	2.0
Total exports	KB8L	—	—	—	—	—	—	—	1.0	0.4	—0.3	1.6	—2.8	2.4	—3.3
Total imports	KB8M	—	—	—	—	—	—	—	0.7	—0.6	0.1	—0.5	0.1	—0.9	2.9

Latest less previously published household saving ratio

Previous estimates published on 30th September 2016

Households' sector:

Use of Disposable Income Account (TABLE J3)

Saving ratio (per cent)	KB8N	—	—	—	—	—	—	—	—	0.4	0.4	—0.1	0.7	0.5	1.0	..
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2 Estimates are given to one decimal place but cannot be regarded as accurate to this degree.

AA Annex A - Growth and contributions to growth - output components of GDP¹

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
2013	0.7	-0.7	-2.7	-1.0	-0.2	4.3	1.5	1.8	3.5	1.8	2.1	0.3
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
Contributions to growth^{2,3}												
	ZZ3V	ZZ3W	ZZ3Y	ZZ3X	ZZ3Z	ZZ42	ZZ43	ZZ44	ZZ45	ZZ46	ZZ47	ZZ48
2013	-	-0.1	-0.1	-0.1	-	-	0.1	1.4	0.5	0.2	0.7	0.1
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
Percentage change, latest quarter on previous quarter												
Growth	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2014 Q1	8.2	0.5	-0.2	1.6	-5.4	-0.1	2.3	1.0	1.4	0.8	0.9	0.9
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
Contributions to growth^{2,3}												
	ZZ2F	ZZ2G	ZZ2I	ZZ2H	ZZ2J	ZZ2K	ZZ2L	ZZ2M	ZZ2N	ZZ2O	ZZ2P	ZZ2Q
2014 Q1	0.1	0.1	-	0.2	-0.1	-	0.1	0.8	0.2	0.1	0.3	0.2
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	0.1	0.2	0.1	-	-	0.4	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
Percentage change, latest quarter on corresponding quarter of previous year												
Growth	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KII2	KIH9	KIH8
2014 Q1	12.6	1.9	3.1	3.0	-10.8	7.1	8.4	2.0	4.2	-0.2	2.7	0.7
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
Contributions to growth^{2,3}												
	ZZ36	ZZ37	ZZ39	ZZ38	ZZ3A	ZZ3B	ZZ3C	ZZ3D	ZZ3E	ZZ3F	ZZ3G	ZZ3H
2014 Q1	0.1	0.3	0.1	0.3	-0.2	0.1	0.5	1.6	0.6	-	0.9	0.2
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	2.0	0.6	0.3	0.7	0.4
Q2	-	0.2	-	0.1	0.1	0.1	0.1	2.1	0.6	0.2	0.9	0.3
Q3	-	0.2	0.1	-	-	0.1	0.1	2.5	0.7	0.5	1.0	0.3

1 Estimates are accurate to 1 decimal place and are available from 2013 annually, Q1 2014 quarterly

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.

AB Annex B - Growth and contributions to growth - expenditure components of GDP¹

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	
2013	1.6	—	0.3	10.0	3.2	2.6	1.1	3.4	
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	
Contributions to growth²									
	ZZ6M	ZZ6N	ZZ6O	ZZ6P	ZZ6Q	ZZ6R	ZZ6S	ZZ6T	ZZ6U
2013	1.0	—	0.1	1.5	0.5	0.2	0.3	1.1	—0.8
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	—
Percentage change, latest quarter on previous quarter									
Growth									
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O	
2014 Q1	0.2	1.6	1.5	—2.0	2.8	—3.4	2.6	—0.1	
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	
Contributions to growth²									
	ZZ5M	ZZ5N	ZZ5O	ZZ5P	ZZ5Q	ZZ5R	ZZ5S	ZZ5T	ZZ5U
2014 Q1	0.1	—	0.3	—0.4	0.5	—0.3	0.7	—	0.8
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	0.1	0.3	—0.1	—0.1	—0.9	0.1	—1.0
Q2	0.4	0.1	—	—0.2	0.2	0.1	0.4	0.1	0.3
Q3	0.5	—	—	1.3	0.1	—	—0.8	0.4	—1.2
Percentage change, latest quarter on corresponding quarter of previous year									
Growth									
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P	
2014 Q1	1.9	2.0	2.1	11.8	11.0	1.7	3.4	6.3	
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	
Contributions to growth²									
	ZZ65	ZZ66	ZZ67	ZZ68	ZZ69	ZZ6A	ZZ6B	ZZ6C	ZZ6D
2014 Q1	1.2	0.1	0.4	1.9	1.7	0.2	1.0	1.9	—1.0
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	1.7	—	0.3	—1.1	0.1	—0.2	0.5	0.2	0.3
Q2	1.8	0.1	0.1	—0.7	0.1	—0.1	1.1	1.1	—
Q3	1.6	0.1	—	0.8	0.1	—0.2	0.5	1.4	—0.9

1 Estimates are accurate to 1 decimal place and are available from 2013 annually, Q1 2014 quarterly

2 Components of contributions may not sum due to rounding

AC Annex C - Growth and contributions to growth - income components of GDP¹

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				
	KG13	KH4V	KH6T	KH65
2013	3.4	5.6	2.5	4.7
2014	2.3	8.0	8.0	5.0
2015	3.2	1.2	3.9	3.0
Contributions to growth²				
	ZZ7H	ZZ7I	ZZ7J	ZZ7K
2013	1.7	1.2	0.4	0.6
2014	1.2	1.7	1.3	0.6
2015	1.6	0.2	0.6	0.4
Percentage change, latest quarter on previous quarter				
Growth				
	KG14	KH4W	KH6U	KH66
2014 Q1	0.3	3.0	3.6	0.5
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
Contributions to growth²				
	ZZ6Z	ZZ72	ZZ73	ZZ74
2014 Q1	0.2	0.6	0.6	0.1
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	1.2	0.3	-0.1
Q2	1.1	-0.1	0.2	0.1
Q3	0.7	-	0.2	-
Percentage change, latest quarter on corresponding quarter of previous year				
Growth				
	KG15	KH4X	KH6V	KH67
2014 Q1	3.5	2.6	6.2	6.8
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
Contributions to growth²				
	ZZ79	ZZ7A	ZZ7B	ZZ7C
2014 Q1	1.7	0.6	1.0	0.8
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	1.3	0.8	0.9	0.7
Q2	2.0	0.1	0.9	0.5
Q3	2.2	0.8	0.9	0.3

1 Estimates are accurate to 1 decimal place and are available from 2013 annually, Q1 2014 quarterly

2 Components to contributions may not sum due to rounding

AD Annex D - Implied GDP deflator growths- Expenditure components of GDP¹

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	Total exports	less Total imports
Percentage change, latest year on previous year							
	ZZ93	ZZ94	ZZ95	ZZ96	ZZ97	ZZ98	ZZ99
2013	2.3	3.2	0.4	-1.9	1.8	2.6	0.4
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
Percentage change, latest quarter on previous quarter							
	ZZ8N	ZZ8O	ZZ8P	ZZ8Q	ZZ8R	ZZ8S	ZZ8T
2014 Q1	0.5	-0.6	-1.3	3.1	1.5	-2.7	-2.4
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	0.3	-0.9	0.7	2.8	0.5	2.3	1.2
Q2	0.2	-1.3	0.7	2.5	0.4	2.9	2.7
Q3	0.5	0.7	-0.1	-0.1	0.1	2.7	3.1
Percentage change, latest quarter on corresponding quarter of previous year							
	ZZ8U	ZZ8V	ZZ8W	ZZ8X	ZZ8Y	ZZ8Z	ZZ92
2014 Q1	1.8	2.5	1.8	1.1	2.5	-5.1	-3.8
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	1.3	0.3	6.6	1.1	-2.5	-2.0
Q2	0.9	0.1	0.7	4.3	-	0.4	1.5
Q3	1.4	-1.5	0.4	5.8	1.0	5.5	6.2

¹ Estimates accurate to 1 decimal place and are available from 2013 annually, Q1 2014 quarterly

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	Distrib- ution, hotels & catering	Transport, storage and commu- nications	Business services and finance	Govern- ment & other services
Percentage change, latest year on previous year												
Current estimates³												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2013	0.7	-0.7	-2.7	-1.0	-0.2	4.3	1.5	1.8	3.5	1.8	2.1	0.3
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
Previous estimates²												
	A2EQ	A2ER	A2ET	A2ES	A2EU	A2EV	A2EW	A2EY	A2F2	A2F3	A2F4	A2F5
2013	0.7	-0.7	-2.7	-1.0	-0.2	4.3	1.5	1.8	3.5	1.8	2.1	0.3
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	1.3	1.3	8.5	-0.1	0.4	3.4	4.9	2.5	4.6	3.8	2.6	0.5
Revisions												
	ZZ52	ZZ53	ZZ55	ZZ54	ZZ56	ZZ57	ZZ58	ZZ59	ZZ5A	ZZ5B	ZZ5C	ZZ5D
2013	-	-	-	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-	-	-	-
2015	-0.1	-0.1	-0.1	-0.1	0.1	-	-	0.1	-0.1	-0.1	0.3	-
Percentage change, latest quarter on previous quarter												
Current estimates³												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2014 Q1	8.2	0.5	-0.2	1.6	-5.4	-0.1	2.3	1.0	1.4	0.8	0.9	0.9
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
Previous estimates²												
	A2CX	A2CY	A2DO	A2DL	A2DR	A2DS	A2DT	A2DU	A2DV	A2DW	A2DX	A2DY
2014 Q1	8.2	0.5	-0.2	1.6	-5.4	-0.1	2.3	1.0	1.4	0.8	0.9	0.9
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	-2.9	0.4	1.8	-0.1	2.0	0.4	2.6	0.1	0.8	0.4	-	-0.5
Q2	1.1	0.7	8.0	-0.4	-2.5	3.9	0.7	0.5	0.9	0.7	0.1	0.5
Q3	0.1	-	1.7	-0.4	1.3	-0.1	-0.8	0.5	0.9	0.7	0.5	0.1
Q4	0.4	-0.4	-2.2	0.1	-2.2	0.8	0.6	0.9	1.5	1.2	0.7	0.8
2016 Q1	-0.1	-0.1	-1.2	-0.3	0.7	2.4	0.8	0.7	1.4	-	0.7	0.5
Q2	-1.0	2.1	2.8	1.6	4.6	2.1	-0.1	0.6	1.1	0.6	0.6	0.1
Q3	-0.6	-0.5	4.3	-0.9	-4.3	-0.5	-1.1	0.8	1.1	2.3	0.3	0.5
Revisions												
	ZZ4A	ZZ4B	ZZ4D	ZZ4C	ZZ4E	ZZ4F	ZZ4G	ZZ4H	ZZ4I	ZZ4J	ZZ4K	ZZ4L
2014 Q1	-	-	-	-	-	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-	-	-	-	-
2015 Q1	-0.2	-	-	-	0.1	0.1	0.1	-	0.1	-0.1	0.2	-
Q2	-0.1	-0.1	0.1	-0.1	-	0.1	-0.1	-	-	0.2	0.1	-
Q3	0.4	0.1	-	-	0.1	0.1	-0.1	-	-0.1	-0.2	-	0.1
Q4	-0.1	-	-0.1	-	-	-0.3	0.4	0.1	-0.3	-	0.2	-0.1
2016 Q1	-0.1	-0.1	-	-0.1	0.1	0.1	0.3	-0.1	0.2	-0.1	-0.1	-0.1
Q2	-0.1	-	-	-	-	0.2	0.6	-	-0.2	-0.2	0.2	-
Q3	-0.1	0.1	-	0.1	0.1	0.4	0.3	0.2	-	0.3	0.5	-0.1

1 Estimates are accurate to 1 decimal place and are available from 2013 annually, Q1 2014 quarterly

2 Previous estimate refers to estimates from the Second Estimate of GDP

3 Current estimate refers to the estimates released within this publication (Quarterly National Accounts)

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
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Percentage growths, latest quarter on corresponding quarter of previous year

Current estimates³

	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KI12	KIH9	KIH8
2014 Q1	12.6	1.9	3.1	3.0	-10.8	7.1	8.4	2.0	4.2	-0.2	2.7	0.7
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

Previous estimates²

	A2DZ	A2E2	A2E4	A2E3	A2E5	A2EE	A2EK	A2EL	A2EM	A2EN	A2EO	A2EP
2014 Q1	12.6	1.9	3.1	3.0	-10.8	7.1	8.4	2.0	4.2	-0.2	2.7	0.7
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	3.4	1.2	1.6	1.1	3.7	-2.0	7.5	3.4	5.2	5.0	4.0	0.6
Q2	2.7	1.6	9.4	0.1	0.6	5.0	6.2	2.6	4.5	4.0	2.9	0.4
Q3	0.8	1.4	13.5	-0.6	-1.3	5.6	2.9	2.1	4.4	3.1	2.2	0.1
Q4	-1.4	0.8	9.4	-0.8	-1.3	5.1	3.1	2.0	4.2	3.0	1.4	1.0
2016 Q1	1.4	0.2	6.1	-1.1	-2.7	7.2	1.3	2.6	4.8	2.7	2.0	1.9
Q2	-0.7	1.6	1.0	1.0	4.4	5.3	0.4	2.7	5.0	2.5	2.6	1.5
Q3	-1.4	1.0	3.5	0.5	-1.4	4.9	0.1	3.0	5.2	4.2	2.4	1.9

Revisions

	ZZ4N	ZZ4O	ZZ4Q	ZZ4P	ZZ4R	ZZ4S	ZZ4T	ZZ4U	ZZ4V	ZZ4W	ZZ4X	ZZ4Y
2014 Q1	-	-	-	-	-	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-	-	-	-	-
2015 Q1	-0.2	-	-	-	0.1	0.1	-	-	0.1	-	0.2	-
Q2	-0.3	-0.1	-0.1	-0.2	-	0.1	-	0.1	-	0.1	0.2	-0.1
Q3	-	-0.1	-0.1	-0.2	0.1	0.2	-0.2	-	-0.2	-0.2	0.2	-
Q4	-0.1	-0.1	-0.1	-0.1	-	-0.2	0.3	0.1	-0.4	-0.1	0.5	-0.1
2016 Q1	0.1	-0.1	0.1	-0.1	0.2	-0.1	0.5	-	-0.2	-0.1	0.2	-0.1
Q2	0.1	-	-	-0.1	0.2	-	1.2	-	-0.4	-0.4	0.2	-0.1
Q3	-0.3	0.1	0.1	-	0.3	0.3	1.6	0.1	-0.2	-	0.7	-0.3

1 Estimates are accurate to 1 decimal place and are available from 2013 annually, Q1 2014 quarterly

2 Previous estimate refers to estimates from the Second Estimate of GDP

3 Current estimate refers to the estimates released within this publication (Quarterly National Accounts)

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 estimates³								
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N
2013	1.6	–	0.3	10.0	3.2	2.6	1.1	3.4
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 estimates²								
	A275	A276	A289	A28J	A28L	A29D	A29F	A2CK
2013	1.6	–	0.3	10.0	3.2	2.6	1.1	3.4
2014	2.1	2.7	2.3	9.4	6.7	3.9	1.5	2.5
2015	2.6	0.8	1.5	3.5	3.4	5.1	4.5	5.4
Revisions								
	ZZ83	ZZ84	ZZ85	ZZ86	ZZ87	ZZ88	ZZ89	ZZ8A
2013	–	–	–	–	–	–	–	–
2014	–	–	–	–	–	–	–	–
2015	–0.1	–	–0.2	–2.4	–	–	1.6	0.1
Percentage change, latest quarter on previous quarter								
Current estimates³								
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O
2014 Q1	0.2	1.6	1.5	–2.0	2.8	–3.4	2.6	–0.1
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
Previous estimates²								
	A24M	A24X	A24Y	A25I	A25J	A25M	A264	A268
2014 Q1	0.2	1.6	1.5	–2.0	2.8	–3.4	2.6	–0.1
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	0.8	1.1	0.4	0.1	1.7	2.6	2.2	3.4
Q2	0.6	0.8	1.0	–2.0	0.9	–0.2	–1.1	–1.7
Q3	1.0	–1.9	0.6	–0.5	0.9	1.7	–0.3	0.5
Q4	0.4	0.7	–	–0.4	–1.3	–2.4	4.3	2.6
2016 Q1	0.7	1.8	0.4	–2.4	–0.1	–1.1	0.1	0.2
Q2	0.9	1.7	–	5.1	1.6	1.0	–1.0	1.3
Q3	0.7	–0.4	0.4	–4.1	1.1	0.9	0.7	–1.5
Revisions								
	ZZ7L	ZZ7M	ZZ7N	ZZ7O	ZZ7P	ZZ7Q	ZZ7R	ZZ7S
2014 Q1	–	–	–	–	–	–	–	–
Q2	–	–	–	–	–	–	–	–
Q3	–	–	–	–	–	–	–	–
Q4	–	–	–	–	–	–	–	–
2015 Q1	–0.1	–	–	–0.3	–0.2	0.1	1.0	0.7
Q2	–0.1	–	–0.1	–1.3	0.3	–0.1	0.4	–0.6
Q3	0.1	–	–	–0.2	–0.1	0.2	–0.3	0.1
Q4	–	–	–0.2	–3.6	0.4	–	1.6	–0.5
2016 Q1	–	–	0.1	4.3	–0.4	–0.4	–2.8	0.1
Q2	–0.2	–	–0.1	–6.3	–0.5	0.2	2.4	–0.9
Q3	–	–	–0.4	12.1	–0.2	–0.5	–3.3	2.9

1 Estimates are accurate to 1 decimal place and are available from 2013 annually, Q1 2014 quarterly

2 Previous estimates refer to estimates from the Second Estimate of GDP

3 Current estimates refer to the estimates within this publication (Quarterly National Accounts)

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-prof-it institutions	General govern-ment	Gross capital formation	Gross fixed capital formation	Business investme nt	Total exports	less Total imports
Percentage change, latest quarter on corresponding quarter of the previous year								
Current estimates³								
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P
2014 Q1	1.9	2.0	2.1	11.8	11.0	1.7	3.4	6.3
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
Previous estimates²								
	A26C	A26H	A26I	A26J	A26K	A26L	A26M	A26N
2014 Q1	1.9	2.0	2.1	11.8	11.0	1.7	3.4	6.3
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	2.5	2.1	0.6	9.8	2.2	9.4	4.5	6.1
Q2	2.7	0.8	1.5	6.0	4.8	3.1	3.6	5.6
Q3	2.3	-0.5	1.9	1.5	4.3	6.2	4.7	5.0
Q4	2.9	0.7	2.1	-2.8	2.2	1.8	5.1	4.9
2016 Q1	2.7	1.4	2.1	-5.2	0.3	-1.9	3.0	1.6
Q2	3.0	2.3	1.1	1.6	1.0	-0.8	3.1	4.7
Q3	2.6	3.8	0.8	-2.0	1.2	-1.6	4.1	2.6
Revisions								
	ZZ7T	ZZ7U	ZZ7V	ZZ7W	ZZ7X	ZZ7Y	ZZ7Z	ZZ82
2014 Q1	-	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-
2015 Q1	-0.1	-	-	-0.4	-0.2	0.1	1.0	0.7
Q2	-0.2	-	-0.2	-1.7	0.1	-0.1	1.5	0.1
Q3	-0.1	-	-0.3	-1.9	-	0.1	1.1	0.1
Q4	-0.2	-	-0.4	-5.3	0.4	0.1	2.7	-0.5
2016 Q1	-	-	-0.3	-0.9	0.3	-0.3	-1.4	-1.0
Q2	-	-	-0.4	-5.7	-0.6	0.1	0.7	-1.3
Q3	-	-	-0.6	6.3	-0.7	-0.6	-2.4	1.6

1 Estimates are accurate to 1 decimal place and are available from 2013 annually, Q1 2014 quarterly

2 Previous estimates refer to the estimates from the Second Estimate of GDP

3 Current estimates refer to the estimates within this publication (Quarterly National Accounts)

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 estimates³				
	KGI3	KH4V	KH6T	KH65
2013	3.4	5.6	2.5	4.7
2014	2.3	8.0	8.0	5.0
2015	3.2	1.2	3.9	3.0
Previous estimates²				
	A2CT	A2CU	A2CV	A2CW
2013	3.4	5.6	2.5	4.7
2014	2.3	8.0	8.0	5.0
2015	3.4	0.3	3.7	2.8
Revisions				
	ZZ8J	ZZ8K	ZZ8L	ZZ8M
2013	—	—	—	—
2014	—	—	—	—
2015	-0.2	0.9	0.2	0.2
Percentage change, latest quarter on previous quarter				
Current estimates³				
	KGI4	KH4W	KH6U	KH66
2014 Q1	0.3	3.0	3.6	0.5
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
Previous estimates²				
	A2CL	A2CM	A2CN	A2CO
2014 Q1	0.3	3.0	3.6	0.5
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	0.6	2.1	0.1	-2.8
Q2	0.6	1.3	1.8	2.7
Q3	1.3	-4.9	0.5	1.5
Q4	0.2	-0.2	1.3	1.7
2016 Q1	0.3	5.8	0.9	-0.7
Q2	1.9	-0.3	2.2	1.2
Q3	1.3	0.8	0.5	-0.4
Revisions				
	ZZ8B	ZZ8C	ZZ8D	ZZ8E
2014 Q1	—	—	—	—
Q2	—	—	—	—
Q3	—	—	—	—
Q4	—	—	—	—
2015 Q1	-0.1	-0.3	0.2	0.2
Q2	0.2	1.2	-0.3	-0.2
Q3	-0.4	1.2	0.3	0.2
Q4	0.3	-0.9	-0.1	—
2016 Q1	0.2	0.2	0.7	0.1
Q2	0.2	-0.4	-0.8	-0.2
Q3	—	-1.0	0.4	0.7

1 Estimates are accurate to 1 decimal place and are available from 2013 annually, Q1 2014 quarterly

2 Previous estimates refer to estimates from the Second Estimate of GDP

3 Current estimates refer to estimates within this publication (Quarterly National Accounts)

AG

Annex G - Income components of GDP- growths and revisions from previous estimate^{1,2}, Current Price

continued Seasonally adjusted data

	Compen- sation 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 estimates³				
	KGI5	KH4X	KH6V	KH67
2014 Q1	3.5	2.6	6.2	6.8
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
Previous estimates²				
	A2CP	A2CQ	A2CR	A2CS
2014 Q1	3.5	2.6	6.2	6.8
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	3.1	6.1	4.5	1.0
Q2	3.6	2.2	3.3	2.4
Q3	3.9	-5.2	3.4	4.7
Q4	2.9	-1.7	3.8	3.1
2016 Q1	2.5	1.8	4.5	5.3
Q2	3.8	0.3	5.0	3.7
Q3	3.8	6.2	4.9	1.8
Revisions				
	ZZ8F	ZZ8G	ZZ8H	ZZ8I
2014 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2015 Q1	-0.1	-0.3	0.2	0.2
Q2	-	0.9	-	-
Q3	-0.4	1.9	0.2	0.2
Q4	-0.2	1.1	0.1	0.2
2016 Q1	0.1	1.7	0.7	0.1
Q2	0.2	-	0.1	0.1
Q3	0.7	-2.2	0.3	0.6

1 Estimates accurate to 1 decimal place and are available from 2013 annually, Q1 2014 quarterly

2 Previous estimates refer to estimates from the Second Estimate of GDP

3 Current estimates refer to estimates within this publication (Quarterly National Accounts)

AH UK sector accounts revisions from previous estimate^{1 2 3}

Current price £ billion, seasonally adjusted

Net lending (+) / borrowing (-) by sector (Table I)							
	Government		Corporations				
	Central	Local	Public	Financial	Private non-financial	Household and NPISH	Rest of the world
Current estimates ⁴							
	RPYH	RQAJ	RQBN	RPYN	RQBV	RPZT	RQCH
2013	-94.5	-5.0	2.9	-15.1	31.1	3.6	76.9
2014	-101.9	0.1	0.9	-17.9	33.0	0.3	85.4
2015	-76.7	-3.5	0.8	-27.1	32.7	-2.8	81.3
Previous estimates ³							
	N46K	N46M	N46O	N46Q	N46S	N46U	N46W
2013	-94.5	-5.0	2.9	-15.1	31.1	3.6	76.9
2014	-101.9	0.1	0.9	-17.9	33.0	0.3	85.4
2015	-77.3	-4.0	0.9	-26.1	18.5	-10.8	101.2
Revisions							
	N46L	N46N	N46P	N46R	N46T	N46V	N46X
2013	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-
2015	0.6	0.5	-0.1	-0.9	14.2	7.9	-19.9
Current estimates ⁴							
	RPYH	RQAJ	RQBN	RPYN	RQBV	RPZT	RQCH
2014 Q1	-30.2	0.8	0.6	-1.2	9.3	-0.6	21.2
Q2	-24.9	1.6	0.1	-2.3	5.9	2.2	17.4
Q3	-27.4	-0.9	-	-3.6	12.2	-2.0	21.7
Q4	-19.4	-1.4	0.2	-10.9	5.6	0.7	25.1
2015 Q1	-18.3	-0.7	0.5	-8.1	8.4	-2.2	21.1
Q2	-18.7	-0.5	0.2	-6.1	9.5	-0.8	17.4
Q3	-21.2	-1.5	0.1	-2.2	9.7	-	16.4
Q4	-18.5	-0.8	0.1	-10.7	5.2	0.1	26.5
2016 Q1	-13.4	-2.8	0.6	-9.3	9.0	-2.6	23.1
Q2	-14.8	-1.4	-0.1	-10.2	11.4	-2.1	22.4
Q3	-17.8	-1.7	-	-7.0	11.0	-4.9	25.7
Previous estimates ³							
	N46K	N46M	N46O	N46Q	N46S	N46U	N46W
2014 Q1	-30.2	0.8	0.6	-1.2	9.3	-0.6	21.2
Q2	-24.9	1.6	0.1	-2.3	5.9	2.2	17.4
Q3	-27.4	-0.9	-	-3.6	12.2	-2.0	21.7
Q4	-19.4	-1.4	0.2	-10.9	5.6	0.7	25.1
2015 Q1	-18.0	-1.0	0.8	-6.9	4.1	-3.2	24.9
Q2	-18.4	-0.7	0.1	-5.9	6.4	-3.1	22.3
Q3	-22.5	-1.4	-	-3.5	7.4	-0.3	20.8
Q4	-18.4	-1.0	-	-9.8	0.7	-4.1	33.3
2016 Q1	-13.3	-3.4	0.6	-8.8	5.7	-4.2	26.5
Q2	-13.8	-1.8	-0.2	-7.8	4.7	-7.4	29.0
Q3	..	..	..	..	..	..	..
Revisions							
	N46L	N46N	N46P	N46R	N46T	N46V	N46X
2014 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2015 Q1	-0.3	0.3	-0.3	-1.2	4.4	1.1	-3.8
Q2	-0.3	0.2	0.1	-0.2	3.1	2.3	-4.9
Q3	1.3	-0.2	0.1	1.3	2.3	0.3	-4.4
Q4	-0.1	0.2	0.1	-0.9	4.5	4.2	-6.8
2016 Q1	-0.2	0.6	-	-0.6	3.3	1.6	-3.3
Q2	-1.0	0.4	0.1	-2.4	6.7	5.3	-6.6
Q3	..	..	..	..	..	..	..

1 Estimates are accurate to 1 decimal place and are available from 2013 annually, Q1 2014 quarterly

2 Components may not sum to totals due to rounding

3 Previous estimates refer to the estimate from the previous Quarterly National Accounts published 30 September 2016

4 Current estimate refers to the estimate released within this publication (Quarterly National Accounts)

Household and non-profit institutions serving households (NPISH) sector (Tables J1, J2 and J3)

	Household saving ratio	Real household disposable income growth, year on year	Real household disposable income growth, quarter on quarter	Real household disposable income growth, quarter on corresponding quarter of previous year
Current estimates⁴				
	NRJS	KHI9		
2013	6.7	-0.1		
2014	6.8	1.5		
2015	6.5	3.6		
Previous estimates³				
	N46C	N46E		
2013	6.7	-0.1		
2014	6.8	1.5		
2015	6.1	3.3		
Revisions				
	N46D	N46F		
2013	-	-		
2014	-	-		
2015	0.4	0.3		
Current estimates⁴				
	NRJS	KHJ2	KHJ3	
2014 Q1	6.7	-0.8	1.5	
Q2	7.4	2.2	1.3	
Q3	6.1	-0.3	0.3	
Q4	7.0	1.8	2.9	
2015 Q1	6.1	-0.1	3.6	
Q2	6.6	1.5	2.8	
Q3	6.6	1.8	5.0	
Q4	6.5	-	3.1	
2016 Q1	6.1	0.1	3.3	
Q2	6.1	0.8	2.7	
Q3	5.6	-0.6	0.3	
Previous estimates³				
	N46C	N46G	N46I	
2014 Q1	6.7	-0.8	1.5	
Q2	7.4	2.2	1.3	
Q3	6.1	-0.3	0.3	
Q4	7.0	1.8	2.9	
2015 Q1	5.7	-0.6	3.1	
Q2	6.2	1.9	2.8	
Q3	6.7	1.7	4.8	
Q4	5.8	-0.2	2.8	
2016 Q1	5.6	0.8	4.3	
Q2	5.1	0.6	2.9	
Q3	..	..	..
Revisions				
	N46D	N46H	N46J	
2014 Q1	-	-	-	
Q2	-	-	-	
Q3	-	-	-	
Q4	-	-	-	
2015 Q1	0.4	0.5	0.5	
Q2	0.4	-0.4	-	
Q3	-0.1	0.1	0.2	
Q4	0.7	0.2	0.3	
2016 Q1	0.5	-0.7	-1.0	
Q2	1.0	0.2	-0.2	
Q3	..	..	..

1 Estimates are accurate to 1 decimal place and are available from 2013 annually, Q1 2014 quarterly

2 Components may not sum to totals due to rounding

3 Previous estimates refer to the estimate from the previous Quarterly National Accounts published 30 September 2016

4 Current estimate refers to the estimate released within this publication (Quarterly National Accounts)