

Statistical bulletin

GDP quarterly national accounts, UK: April to June 2017

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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1 . Main points

- UK gross domestic product (GDP) in volume terms was estimated to have increased by 0.3% between Quarter 1 (Jan to Mar) and Quarter 2 (Apr to June) 2017, unrevised from the second estimate of GDP.
- Services provided the only positive contribution to growth in Quarter 2 2017, with the output measure of GDP unrevised at 0.3%.
- Despite some small downward revisions to quarter-on-quarter growth in 2016, between 2015 and 2016, UK GDP grew by 1.8%, unrevised from the previous estimate.
- Business investment growth in 2016 has been revised up by 1.1 percentage points but still fell in 2016 compared with 2015 by 0.4%; quarter-on-quarter growth was also revised from flat to 0.5% growth in Quarter 2 2017.
- Household expenditure growth slowed to 0.2% in Quarter 2 2017 and was revised downwards in the second half of 2016.
- Estimates in this bulletin are consistent with our annual national accounts Blue Book 2017 publication, to be published on 31 October 2017.

2 . Things you need to know about this release

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

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 approach to GDP has risen since the [second estimate](#) 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.

Further information on all three approaches to measuring GDP can be found in the [short guide to national accounts](#).

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

Blue Book 2017

This release contains data that are consistent with the UK National Accounts Blue Book 2017, which will be released on 31 October 2017. The Blue Book is the UK's annual compendium of national accounts data and incorporates a number of improvements to methods and sources into the UK's National Accounts. Changes have been made in line with international standards adopted by all European Union (EU) member states and with worldwide best practice. These, and additional improvements we are making, will ensure that our national accounts continue to provide a reliable framework for analysing the UK economy and comparing it with other countries.

We have published a number of [articles](#) detailing these changes and their impact on the national accounts. These changes are summarised in an article published today (29 September 2017) discussing the [impact of method changes to the national accounts and sector accounts: Quarter 1 1997 to Quarter 2 2017](#). This article also includes links to a range of previously published articles which, give further background on these changes.

Reference and base year

This is the first release in which the reference year and last base year have been moved from 2013 to 2015. In the [Impact of methodological changes to chain-linking on gross domestic product](#) article we informed you of this and, that pending the outcome of further analysis, we would investigate the feasibility of further moving the last base year on when the data for the most recent year are formed. Further methodological work will continue to develop an approach to further moving on the last base year.

Revisions

In line with [National Accounts Revisions Policy](#) the entire time series within this release has been subject to revision.

Estimates for the most recent quarters are provisional and are subject to revision in the light of updated source information. Revisions to data provide one indication of the reliability of main indicators and we therefore 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 triangles are published on our website for [UK GDP](#), [UK gross value added](#), [the GDP implied deflator](#) and the [expenditure](#) and [income](#) components of GDP.

3 . Annual growth in 2016 and for Quarter 2 (Apr to June) 2017 unrevised

UK gross domestic product (GDP) increased by 0.3% between Quarter 1 (Jan to Mar) 2017 and Quarter 2 (Apr to June) 2017, unrevised from the [second estimate of GDP](#) published on 24 August 2017.

In this release all periods are open for revision. Figures for 2015 have been through the annual supply and use balancing process for the first time. Estimates for the “quarterly tail” (2016 onwards) have also been open to revision based on new data and improved methodology.

Annually, UK GDP grew by 1.8% between 2015 and 2016, which is unrevised from the previous estimate. In 2016, there are small downward revisions to quarter-on-quarter GDP growth of 0.1 percentage points in Quarter 2 (Apr to June), Quarter 3 (July to Sept) and Quarter 4 (Oct to Dec) 2016. There has been a small upward revision of 0.1 percentage points in Quarter 1 2017. It is possible for the annual figure to be unrevised despite revisions to three quarters within the year. Annual growth compares the GDP level through the whole of 2016 with the whole of 2015, while quarterly growths only make comparison with the previous quarter. Furthermore, as growth rates are presented to one decimal place they are sensitive to revision from small changes where they are close to rounding points.

Downwards revisions to the quarterly path in both Quarter 2 and Quarter 3 2016 were seen in the expenditure, income and output measures of GDP, whereas Quarter 4 2016 was revised as a result of downwards revisions to both the expenditure and income measures. In Quarter 1 2017, however, revisions were driven by net trade in the expenditure approach.

Table 1 shows GDP and the headline economic indicators from 2015 onwards.

Table 1: Headline economic indicators and GDP per head for the UK, Quarter 1 (Jan to Mar) 2015 to Quarter 2 (Apr to June) 2017

	Chained volume measures				Current market prices		% growth ¹
	GDP	Household expenditure	Gross fixed capital formation	GDP per head	GDP	Compensation of employees	
							Seasonally adjusted
2015	2.3	2.7	2.8	1.5	2.8		3.1
2016	1.8	2.9	1.3	1.0	3.8		4.0
Q1 2015	0.3	1.0	2.8	0.1	0.6		0.5
Q2 2015	0.6	0.7	1.4	0.4	1.6		0.8
Q3 2015	0.4	1.0	-3.1	0.2	0.0		0.7
Q4 2015	0.7	0.4	0.1	0.6	0.4		0.9
Q1 2016	0.2	0.8	0.6	-0.1	1.4		0.1
Q2 2016	0.5	0.9	1.9	0.3	1.3		2.3
Q3 2016	0.4	0.6	0.8	0.2	0.9		1.6
Q4 2016	0.6	0.4	0.4	0.4	1.2		0.6
Q1 2017	0.3	0.4	0.5	0.1	0.8		0.8
Q2 2017	0.3	0.2	0.6	0.1	0.7		1.0

Source: Office for National Statistics

Notes:

1. Percentage change on previous period.

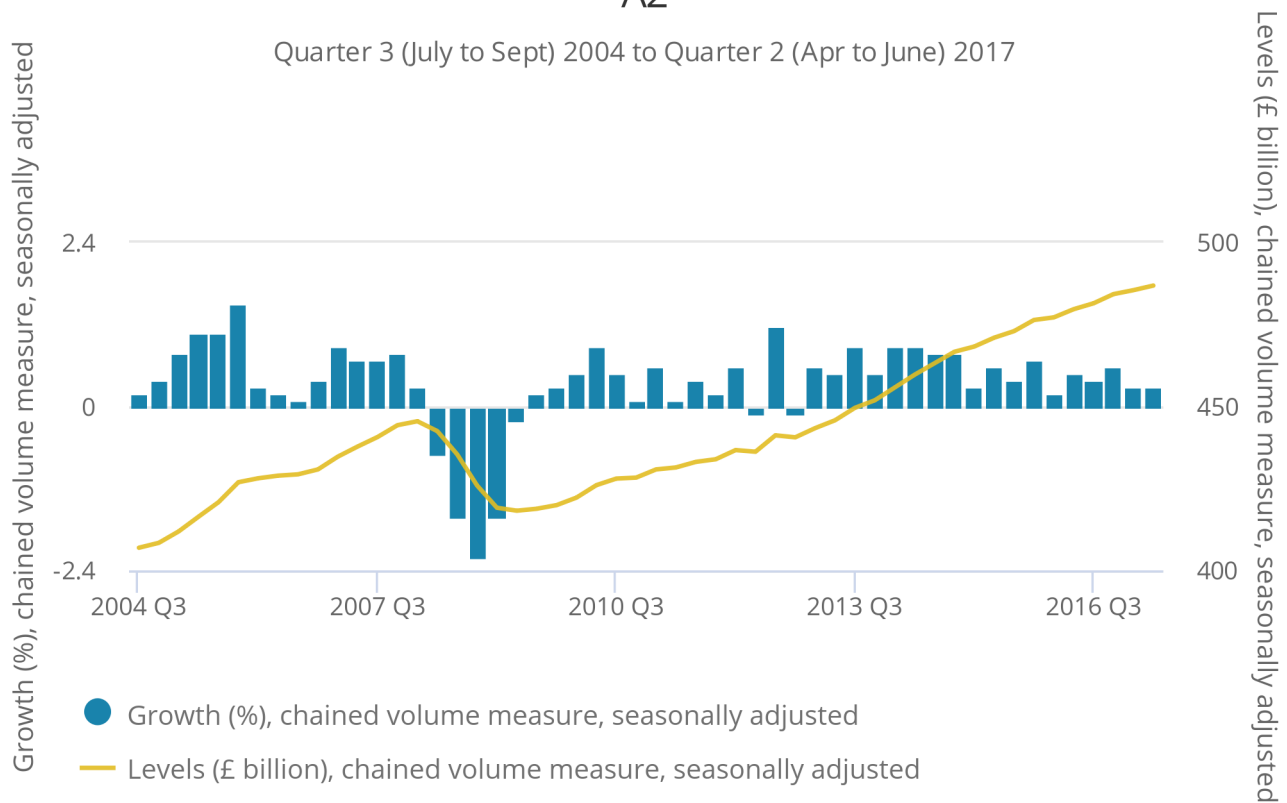
2. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

Figure 1 shows the seasonally adjusted level of GDP along with quarterly growths. The growth between Quarter 1 2017 and Quarter 2 2017 is the 18th consecutive quarterly increase and continues the UK's period of growth since Quarter 1 2013.

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

Quarter 3 (July to Sept) 2004 to Quarter 2 (Apr to June) 2017

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



Source: Office for National Statistics

Notes:

1. Q1 refers Jan to Mar, Q2 refers Apr to June, Q3 refers July to Sept, Q4 refers to Oct to Dec.

When looking at UK GDP growth in volume terms in the current quarter compared with the same quarter a year ago, GDP increased by 1.5% between Quarter 2 2016 and Quarter 2 2017. Growth on this basis slowed slightly when compared with the 1.8% growth seen between Quarter 1 2016 and Quarter 1 2017.

Implied deflator

The gross domestic product (GDP) implied deflator at market prices for Quarter 2 2017 is 2.1% above the same quarter of 2016. 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 directly in the compilation of real GDP.

GDP per head

GDP per head is calculated by dividing GDP in chained volume measures by the latest population estimates and projections. It is not a measure of productivity or well-being, but is a useful statistic as it removes the impact of the changing size of the population from headline GDP figures.

In Quarter 2 (Apr to June) 2017, GDP per head grew by 0.1% compared with Quarter 1 (Jan to Mar) 2017.

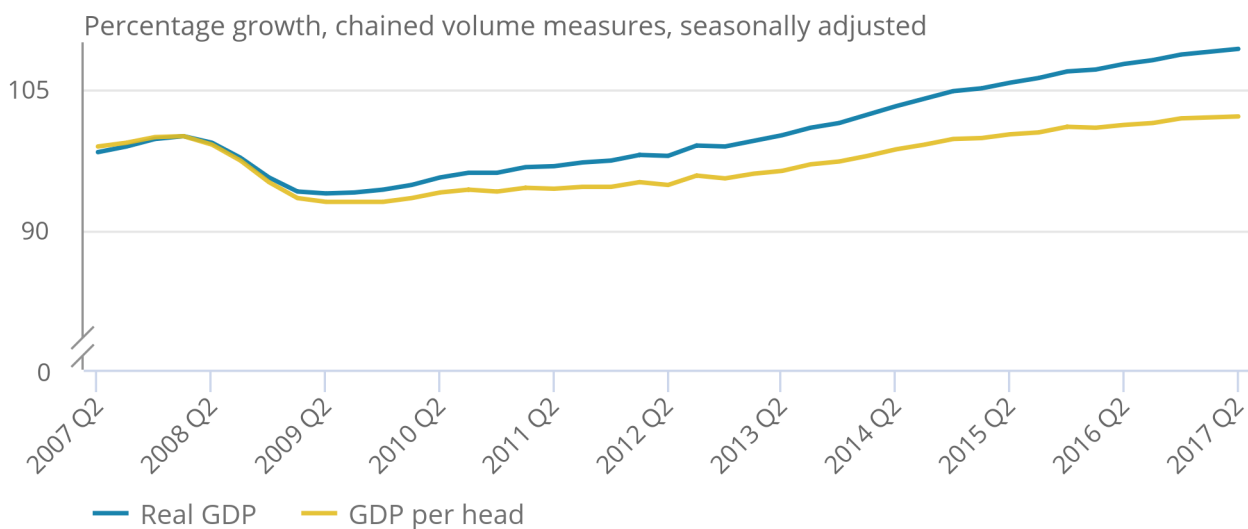
GDP per head is now 2.1% above the GDP pre-economic downturn peak in Quarter 1 2008, having surpassed it in Quarter 2 2015 (Figure 2).

Figure 2: Quarterly growth of GDP and GDP per head for the UK, indexed from Quarter 1 (Jan to Mar) 2008 = 100

Quarter 2 (Apr to June) 2007 to Quarter 2 2017

Figure 2: Quarterly growth of GDP and GDP per head for the UK, indexed from Quarter 1 (Jan to Mar) 2008 = 100

Quarter 2 (Apr to June) 2007 to Quarter 2 2017



Source: Office for National Statistics

Notes:

1. Q1 refers Jan to Mar, Q2 refers Apr to June, Q3 refers July to Sept, Q4 refers to Oct to Dec.

The [population estimates](#) used in this release are those published on 22 June 2017 and the [population projections](#) used are those published on 29 October 2015.

4. Services is the only sector to show growth in the output measure of GDP in Quarter 2 2017

The output approach to measuring gross domestic product (GDP) involves estimating production activity within the UK economy. It increased by 0.3% between Quarter 1 (Jan to Mar) 2017 and Quarter 2 (Apr to June) 2017 and was unrevised from the [second estimate of GDP](#).

In Quarter 2 2017:

- agriculture decreased by 0.1%
- production decreased by 0.3%
- construction decreased by 0.5%
- services increased by 0.4%

Services

The largest component within the output approach of GDP is the services industries, which drove the growth in the output measure of GDP in Quarter 2 2017. Growth was broad-based, with all four sub-sectors of the services industries increasing between Quarter 1 2017 and Quarter 2 2017. The largest contribution to quarterly GDP growth was distribution, hotels and restaurants, with 0.13 percentage points; within this industry group the largest contributor to growth was retail trade excluding motor vehicles and motor cycles. The next largest contribution to quarterly GDP growth was distribution, hotels and restaurants, with 0.12 percentage points; within this industry group, computer programming, consultancy and related activities provided most of the increase.

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

Production

Within production, three of the four components decreased between Quarter 1 2017 and Quarter 2 2017, resulting in a decline in total production output. Water supply and sewerage industries decreased by 1.0%, while manufacturing (the largest component of production) and electricity, gas and steam and air conditioning both decreased by 0.3%. These decreases were moderated by an increase in mining and quarrying, at 0.6%.

There are small revisions to the production and services components of the output approach, resulting from improvements to imputation methodology in the Monthly Business Survey (MBS). [An article outlining the change in methods and the impact on aggregate estimates](#) was published today (29 September 2017).

Construction

Construction output was estimated to have decreased by 0.5% in the second quarter of 2017, which has been revised upwards from negative 1.3% in the [second estimate of GDP](#). This decrease compares with increases in all quarters since Quarter 4 (Oct to Dec) 2015. Further information relating to the most recent quarter can be found in the [Construction output in Great Britain statistical bulletin](#).

There have been upwards revisions to construction throughout the quarterly tail (2016 onwards). The main causes of these revisions are a re-categorisation of low employment, large turnover business (to ensure appropriate sampling weights are applied), the impact of revised methodology for the labour component of new work price indices and increases from the late return of survey data. More information on these changes is available in the [impact of improvements to construction statistics](#) article.

Agriculture

Agriculture, the sector that makes up the smallest proportion of total output, decreased by 0.1% into Quarter 2 2017.

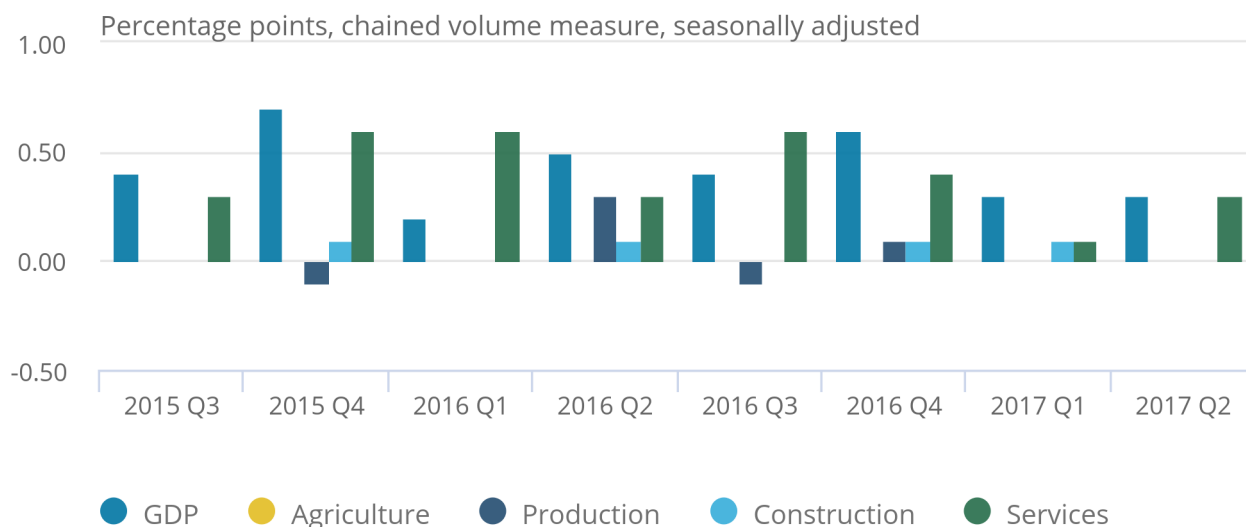
Figure 3 shows the contributions to growth from the sectors of output. The services industries are the only positive contributor to output GDP growth in Quarter 2 2017, at 0.3 percentage points. Production, construction and agriculture neither added to nor detracted from growth in quarterly GDP to one decimal place.

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

Quarter 3 (July to Sept) 2015 to Quarter 2 (Apr to June) 2017

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

Quarter 3 (July to Sept) 2015 to Quarter 2 (Apr to June) 2017



Source: Office for National Statistics

Notes:

1. Q1 refers Jan to Mar, Q2 refers Apr to June, Q3 refers July to Sept, Q4 refers to Oct to Dec.
2. Contributions are to output gross value added and therefore may not sum to the percentage change in average GDP.

5 . Expenditure approach sees a slowdown in household spending growth

The expenditure approach to measuring gross domestic product (GDP) increased by 0.3% between Quarter 1 (Jan to Mar) 2017 and Quarter 2 (Apr to June) 2017. 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.

Household final consumption expenditure (HHFCE)

HHFCE or household spending grew by 0.2% between Quarter 1 2017 and Quarter 2 2017. This was the lowest HHFCE quarterly growth figure since Quarter 4 (Oct to Dec) 2014 and is in line with [a wider narrative of a deterioration of the economic position of consumers in the start of 2017](#).

As highlighted in the [second estimate of GDP](#), the slowdown in growth in household spending in Quarter 2, compared with 0.4% growth in Quarter 1, was driven by a decline in growth in household expenditure on transport (including motor cars). Household expenditure on transport declined by 2.7% in Quarter 2 compared with growth in Quarter 1. Since the publication of the [second estimate of GDP](#) we have received improved source data for use in the calculation of household expenditure on cars. The increased Vehicle Excise Duty on high-polluting vehicles (which came into force in April 2017) led to consumers bringing forward planned new car purchases, leading to a subsequent fall-off in purchases in the latest quarter. This is corroborated in [reports from the Society of Motor Manufacturers and Traders \(SMMT\)](#).

Data for Quarter 3 (July to Sept) 2016 has been revised downwards as a result of revisions to the domestic HHFCE with revisions across a number of different types of commodities contributing to the revision. Data for Quarter 4 2016 has also been subject to downwards revisions. These revisions are partly linked to taking on improved source data relating to tourism from the International Passenger Survey (IPS), which increased the estimate of foreign tourist expenditure in the UK but decreased the estimate of UK household expenditure abroad. Both of these have the effect of decreasing the national HHFCE estimate, which captures the spending of UK households. This coincides with the depreciation of sterling in the second half of 2016.

The combination of these changes means household spending started to slow earlier than originally estimated.

Further information can be found in the [Consumer trends release](#).

General government final consumption expenditure (GGFCE)

GGFCE showed growth of 0.1% in Quarter 2 2017. The largest contributor to this growth was healthcare, which was partially offset by a fall in public administration expenditure by central government.

Revisions since the [second estimate of GDP](#) have been due to methods changes incorporated in the annual Blue Book 2017 process, which are discussed in the [alignment between public sector finances and national accounts: September 2017](#) article released today (29 September 2017) and the replacement of some budget data with outturn data.

Gross fixed capital formation (GFCF)

In Quarter 2 2017, GFCF increased by 0.6% compared with Quarter 1 2017. Within the sectors of GFCF, business investment increased by 0.5% between Quarter 1 and Quarter 2, this was revised upwards from the [second estimate of GDP](#). When looking at the asset breakdown of GFCF, information and communications technology (ICT) equipment and other machinery and equipment was the only asset to show an increase into Quarter 2, at 8.1%, this asset consists of ICT equipment, general use machinery such as engines and turbines, and special use machinery such as domestic appliances and agricultural equipment. All other assets remained flat or decreased in this period.

Upwards revisions to business investment growth in 2016 and into 2017 relate to a number of improvements including; the introduction of improved source data, which have impacted the transport asset; taking on revised estimates for artistic originals within intellectual property products; and the removal of adjustments in place to address known areas of previous survey misreporting identified by the introduction of the QCAS survey in 2015, affecting other machinery and equipment and other buildings and structures. Further details can be found within the [Business investment release](#).

Trade in goods and services

In Quarter 2 2017, net trade provided the largest contribution to GDP growth at 0.4 percentage points, due to total trade exports increasing by 1.7% and only a small increase in total imports, which increased by 0.2%, between Quarter 1 and Quarter 2 2017. The increase in total exports was due to an increase of 4.0% in goods exports, with a decrease in services exports of 1.1% providing a partial offset.

Across the quarters of 2016 there were a mixture of positive and negative revisions to the quarter-on-quarter UK trade balance. Overall, these had the effect of weakening the contribution of net trade to GDP in the early part of 2016 and strengthening the contribution in the latter part of 2016 with this stronger net trade position continuing into 2017.

The latest monthly trade figures are available in the [UK trade release](#).

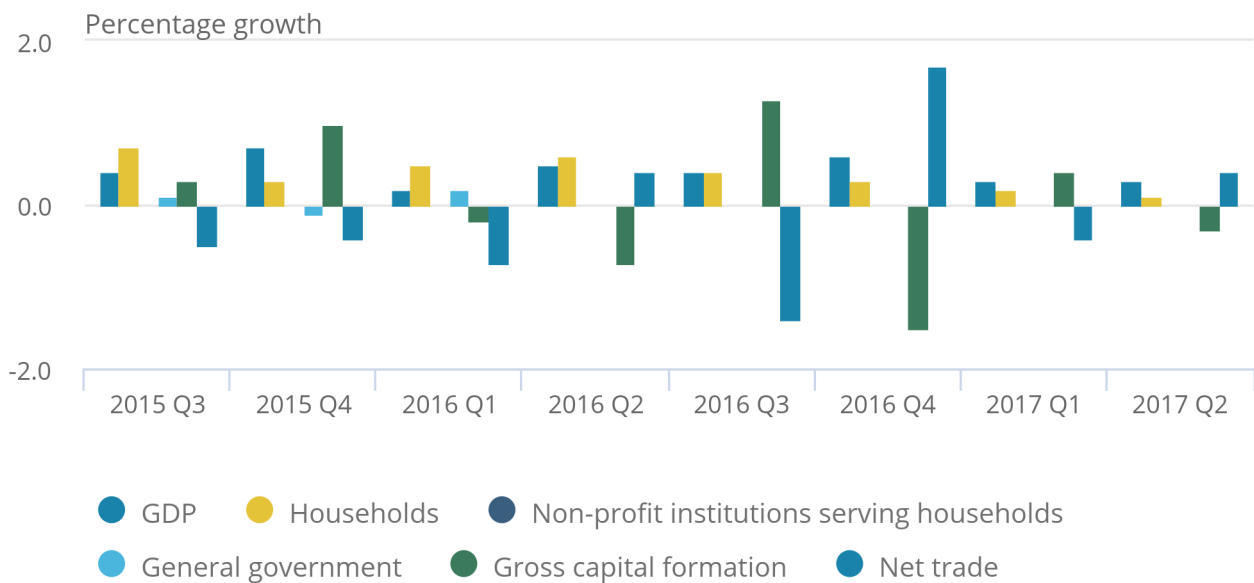
Figure 4 shows the quarterly contribution of the expenditure components to the growth of GDP in chained volume measures from Quarter 3 (July to Sept) 2015 to Quarter 2 2017. In the latest quarter the largest contribution to growth was from net trade, at 0.4 percentage points led by growth in exports. Gross capital formation (GCF) contributed negatively to growth in GDP at 0.3 percentage points.

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

Quarter 3 (July to Sept) 2015 to Quarter 2 (Apr to June) 2017

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

Quarter 3 (July to Sept) 2015 to Quarter 2 (Apr to June) 2017



Source: Office for National Statistics

Notes:

1. Q1 refers Jan to Mar, Q2 refers Apr to June, Q3 refers July to Sept, Q4 refers to Oct to Dec.
2. This chart does not include the statistical discrepancy and components may not sum to the percentage change in average GDP.

6 . Compensation of employees leads growth in nominal measure of GDP

Nominal gross domestic product (GDP) increased by 0.7% between Quarter 1 (Jan to Mar) 2017 and Quarter 2 (Apr to June) 2017.

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.

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

Within the income measure of GDP, three out of four components increased between Quarter 1 2017 and Quarter 2 2017.

Compensation of employees (CoE)

CoE, which includes wages and salaries, and employers' social contributions, showed positive growth of 1.0% (seasonally adjusted) into Quarter 2 2017.

As part of the quality assurance process to understand household income patterns following the [changes to tax on dividends](#), a provisional real time HM Revenue and Customs (HMRC) estimate of Pay-as-You-Earn (PAYE) total pay has been used to help guide the growth of the CoE component in the quarterly tail. This has led to some revisions where CoE has been subject to quality adjustments to bring the data into line with the better administrative HMRC data source.

Taxes on products and production less subsidies

Taxes on products and production less subsidies showed an increase of 1.2% in Quarter 2 2017, that contrasts with a decline of 1.1% seen in Quarter 1 2017.

Revisions since the [second estimate of GDP](#) have been due to methods changes incorporated in the annual Blue Book 2017 process, which are discussed in the [alignment between public sector finances and national accounts: September 2017](#) article.

Other income

There was also an increase in other income, of 0.7%. This category includes mixed income and the operating surplus of the non-corporate sector.

Gross operating surplus of corporations

Gross operating surplus of corporations was the only component showing a decline, at negative 0.2% representing a small decline in the profits of companies. In the compilation of quarterly GDP, balancing adjustments are applied to components to achieve a balanced dataset (see section 10). As part of the annual Blue Book process, all balancing adjustments are reviewed. For gross operating surplus of corporations a number of balancing adjustments applied in previous quarters have been removed in this round.

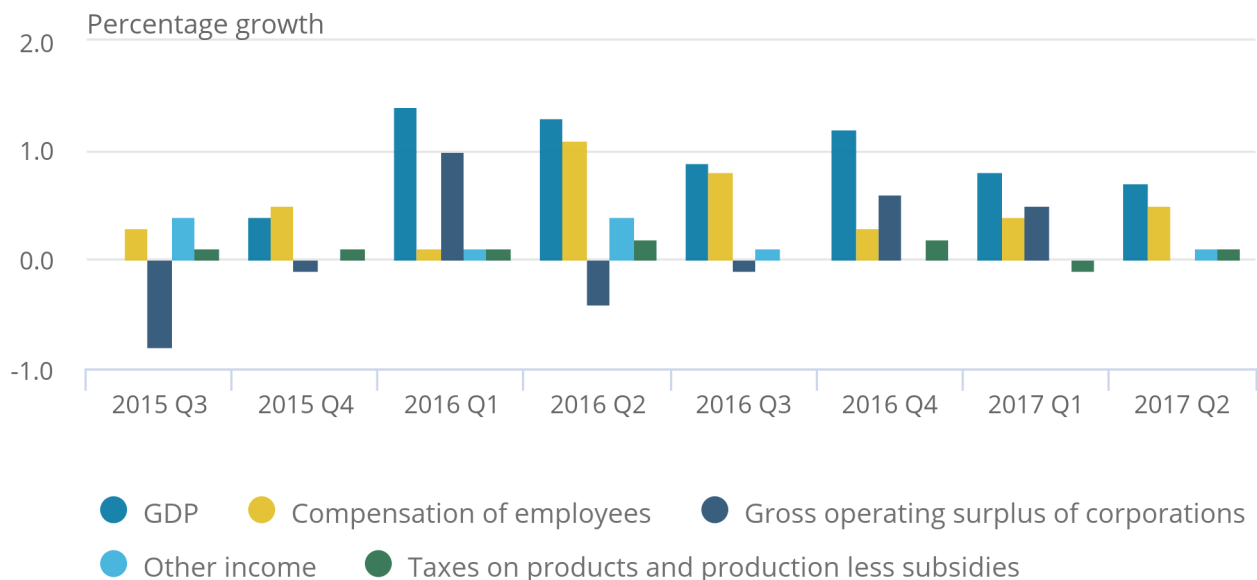
Figure 5 shows the contribution made by income components to current price GDP. CoE was the largest contributor to the income measure of GDP, contributing 0.5 percentage points to growth in the income measure of GDP.

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

Quarter 3 (July to Sept) 2015 to Quarter 2 (Apr to June) 2017

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

Quarter 3 (July to Sept) 2015 to Quarter 2 (Apr to June) 2017



Source: Office for National Statistics

Notes:

1. Q1 refers Jan to Mar, Q2 refers Apr to June, Q3 refers July to Sept, Q4 refers to Oct to Dec.
2. This chart does not include the statistical discrepancy and components may not sum to the percentage change in average GDP.

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

The estimates quoted in this international comparison section are the latest available estimates at the time of preparation of this statistical bulletin and may subsequently have been revised.

During Quarter 2 (Apr to June) 2017, the UK experienced the slowest growth (0.3%) among European and Group of Seven (G7) countries, just below that of Italy, whose economy grew by 0.4%. In the same period, Canada experienced the highest growth at 1.1%. This is the second consecutive quarter in which the UK has had the weakest economic growth of these countries, as during Quarter 1 (Jan to Mar) 2017 the UK experienced 0.3% growth, joint slowest with Japan and the USA.

All of the areas included within our international comparisons saw positive growth in Quarter 2 2017. The USA experienced growth of 0.8%, whilst Japan and Germany experienced growth of 0.6% (Table 2). The European Union (EU28) grew by 0.7%, marking 17 consecutive quarters of positive growth and in the same period, the group of euro area countries (EA19) grew by 0.6%.

All G7 countries are currently above pre-economic downturn peaks except for Italy, where GDP remains 6.4% below the pre-downturn peak (Quarter 1 2008). Canada shows signs of the strongest recovery at 16.8%. The UK has the fourth strongest rate at 9.3%, while the USA has the second strongest of 14.4%. Germany, France and Japan have rates of 9.8%, 5.8% and 4.2% respectively.

The data used for these international comparisons are gathered from the [Organisation for Economic Co-operation and Development's website](#) excluding the data from the UK, which is compiled within the Office for National Statistics.

Growth in UK GDP is now 9.3% above the GDP pre-economic downturn peak in Quarter 1 2008, having surpassed it in Quarter 2 (Apr to June) 2013, one quarter earlier than previously estimated.

Table 2: International GDP growth rate comparisons, chained volume measures, seasonally adjusted, Quarter 1 (Jan to Mar) 2015 to Quarter 2 (Apr to June) 2017

	% growth ¹									
	EU28 ²	EA19 ³	G7 ⁴	France	Germany	Italy	UK	Canada	Japan	USA
Q1 2015	0.7	0.8	0.6	0.4	0.1	0.2	0.3	-0.2	1.1	0.8
Q2 2015	0.4	0.3	0.4	-0.1	0.4	0.3	0.6	-0.1	0.0	0.7
Q3 2015	0.5	0.4	0.3	0.4	0.3	0.2	0.4	0.6	0.2	0.4
Q4 2015	0.5	0.4	0.2	0.3	0.4	0.2	0.7	0.1	-0.2	0.1
Q1 2016	0.4	0.5	0.3	0.6	0.6	0.4	0.2	0.7	0.5	0.1
Q2 2016	0.4	0.3	0.4	-0.1	0.5	0.1	0.5	-0.3	0.5	0.6
Q3 2016	0.5	0.5	0.5	0.2	0.3	0.3	0.4	1.0	0.2	0.7
Q4 2016	0.7	0.6	0.5	0.5	0.4	0.4	0.6	0.7	0.4	0.4
Q1 2017	0.5	0.5	0.4	0.5	0.7	0.4	0.3	0.9	0.3	0.3
Q2 2017	0.7	0.6	0.7	0.5	0.6	0.4	0.3	1.1	0.6	0.8

Sources: Office for National Statistics and Organisation for Economic Co-operation and Development

Notes:

1. Percentage change on previous period
2. EU28 is the European Union.
3. EA19 is the eurozone.
4. G7 is the Group of Seven countries.
5. 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).
6. Non UK countries and groupings may show revisions in the back series due to NSI revisions

8 . Links to related statistics

Release content

Data included within this release are seasonally adjusted, however, non-seasonally adjusted data are available within the UK Economic Accounts (UKEA). These data can be downloaded directly from the [UKEA dataset](#) and on the [UKEA main aggregates dataset](#) table.

Economic context

A [monthly economic commentary](#) has been published alongside this release, presenting new analysis on the latest economic data.

Business investment

Further details on business investment along with revision triangles and a real time database are available within the datasets of the [Business investment release](#), published on 29 September 2017.

Index of Services

The [Index of Services publication](#) was published on 29 September 2017 and includes data for July 2017.

National Accounts articles

We have published a number of articles listing the impact of changes being introduced as part of the UK National Accounts Blue Book 2017 publication. A list of all [National Accounts articles](#) is available.

9 . Are there any upcoming changes?

GDP release schedule consultation

We ran [a consultation on proposed changes to the GDP release schedule and the introduction of monthly GDP estimates](#), which closed on 14 September 2017. We will publish our response to the consultation on 19 October.

VAT project

The [latest VAT turnover research article](#) was published on 1 June 2017, which outlined our plans to use VAT turnover in the compilation of Quarterly National Accounts July to September 2017 and the Index of Services October 2017 bulletins, which are both due for publication on 22 December 2017. In November 2017, a further article will be published, which will review the methodological improvements and provide further detail on implementation plans.

Annual benchmarks

In the next quarterly national accounts release (22 December 2017) we will take on the 2016 annual benchmarks. These mostly relate to the components of GDP that include data from annual surveys such as the annual International Trade in Services (ITIS) survey and Financial Inquiries surveys. These updates will help to improve the quality of our estimates where we are able to replace forecast and flash estimates with annual survey data.

10 . Quality and methodology

The [Gross domestic product \(GDP\) Quality and Methodology Information report](#) contains important information on:

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

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.

Important quality issues

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

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

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

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

Reaching the GDP balance

The different data content of the three approaches – the output approach, the expenditure approach and the income approach – dictates the approach taken in balancing quarterly data. In the UK, there are more data available on output than in either of the other two approaches. However, to obtain the best estimate of GDP (the published figure), the estimates from all three approaches are balanced to produce an average, except in the latest quarter where the output data takes the lead due to its larger data content.

Information on the methods we use for [Balancing the output, income and expenditure approaches to measuring GDP](#) is available.

Alignment adjustments, found in Table M of the [quarterly national accounts datasets](#) in this release, have a target limit of plus or minus £2,000 million on any quarter. To achieve the balance through alignment, balancing adjustments are applied to the expenditure and income components of GDP as required. They are applied to those individual components where data content is particularly weak in a given quarter due to a high level of forecast content.

The size and direction of the quarterly alignment adjustments in Quarter 2 2017 indicate that in this quarter the level of expenditure and income are higher than the level of output.

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

Table 3: Balancing adjustments applied to the quarterly national accounts dataset for Quarter 2 (Apr to June) 2017

		£ million					
GDP measurement approach and component adjustment applied to		Q1 2016	Q2 2016	Q3 2016	Q4 2016	Q1 2017	Q2 2017
Expenditure							
Change in inventories	Current price			1200	550		
	Chained volume measure	200	300	1200	550		
Trade in services (imports)	Current price					500	
	Chained volume measure					500	
Trade in services (exports)	Current price						-1000
	Chained volume measure						-1000

Source: Office for National Statistics

Notes:

1. Adjustments are in £ million.

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

Further information

We are committed to ensuring all information provided is kept strictly confidential and will only be used for statistical purposes. Further details regarding confidentiality can be found in the respondent charters for [businesses](#) and [households](#).

A1 National accounts aggregates^{1,2}

2015 = 100

	Value indices at current prices		Chained volume indices				Implied deflators ³		
	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
2013	92.8	92.8	94.8	94.2	94.1	93.7	98.8	97.9	98.5
2014	97.3	97.3	97.7	97.6	97.6	97.3	99.9	99.5	99.7
2015	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2016	103.8	103.7	101.8	101.6	102.0	102.7	101.6	102.0	102.1
Seasonally adjusted									
2014 Q1	95.6	95.5	96.5	96.1	96.6	95.7	99.5	99.0	99.3
Q2	97.2	97.2	97.4	97.1	97.5	96.8	100.2	99.8	100.1
Q3	98.1	98.3	98.1	98.0	98.3	97.8	100.3	100.0	100.2
Q4	98.2	98.1	98.8	99.0	98.1	99.0	99.7	99.4	99.1
2015 Q1	98.8	98.9	99.2	99.3	100.1	99.3	99.6	99.6	99.6
Q2	100.3	100.4	99.8	99.9	100.7	99.9	100.7	100.5	100.5
Q3	100.3	100.2	100.2	100.1	100.7	100.1	100.3	100.1	100.2
Q4	100.6	100.5	100.9	100.8	98.5	100.8	99.4	99.8	99.8
2016 Q1	102.1	101.9	101.1	100.9	100.6	101.4	100.5	101.0	101.1
Q2	103.4	103.3	101.6	101.4	101.4	102.3	101.3	101.8	102.0
Q3	104.3	104.3	102.0	101.7	102.5	103.0	102.1	102.3	102.5
Q4	105.5	105.3	102.6	102.3	103.5	104.0	102.4	102.9	103.0
2017 Q1	106.4	106.3	102.8	102.6	104.3	104.2	102.9	103.5	103.7
Q2	107.2	107.2	103.1	102.9	104.0	104.5	103.3	103.9	104.3
Percentage change, latest year on previous year									
	IHYM	KGL6	IHYP	KGM7	KH6X	L489	KH7D	IHYS	KGM4
2013	4.0	3.9	2.1	1.5	1.4	1.6	1.3	1.9	2.4
2014	4.8	4.7	3.1	3.5	3.7	3.9	1.2	1.7	1.2
2015	2.8	2.8	2.3	2.5	2.5	2.7	0.1	0.5	0.3
2016	3.8	3.7	1.8	1.6	2.0	2.7	1.6	2.0	2.1
Percentage change, latest quarter on previous quarter									
	IHYN	KGL8	IHYQ	KGM9	KH6Z		KH7E	IHYT	KGM5
2014 Q1	1.5	1.4	0.9	1.1	1.1	1.3	0.5	0.7	0.3
Q2	1.7	1.8	0.9	1.0	1.0	1.1	0.7	0.8	0.7
Q3	0.9	1.1	0.8	1.0	0.8	1.0	0.1	0.2	0.2
Q4	0.1	-0.1	0.8	1.0	-0.2	1.2	-0.6	-0.6	-1.2
2015 Q1	0.6	0.8	0.3	0.3	2.0	0.3	-0.1	0.2	0.5
Q2	1.6	1.5	0.6	0.6	0.6	0.6	1.1	1.0	0.9
Q3	-	-0.1	0.4	0.2	-	0.3	-0.4	-0.4	-0.3
Q4	0.4	0.3	0.7	0.7	-2.1	0.7	-0.8	-0.4	-0.4
2016 Q1	1.4	1.4	0.2	0.1	2.1	0.6	1.1	1.3	1.3
Q2	1.3	1.4	0.5	0.5	0.8	0.9	0.7	0.8	0.9
Q3	0.9	0.9	0.4	0.4	1.0	0.7	0.8	0.5	0.6
Q4	1.2	1.0	0.6	0.6	1.0	1.0	0.4	0.6	0.4
2017 Q1	0.8	0.9	0.3	0.3	0.8	0.2	0.5	0.6	0.7
Q2	0.7	0.8	0.3	0.3	-0.3	0.3	0.4	0.4	0.5
Percentage change, latest quarter on corresponding quarter of previous year									
	IHYO	KGM2	IHYR	KGN3	KH73	L48D	KH7F	IHYU	KGM6
2014 Q1	4.5	4.1	2.8	2.7	4.7	3.0	1.0	1.6	1.4
Q2	5.7	5.5	3.1	3.5	3.6	3.7	1.7	2.5	2.0
Q3	4.9	5.1	3.0	3.7	3.8	4.1	1.4	1.8	1.3
Q4	4.3	4.3	3.3	4.2	2.7	4.7	0.7	1.0	0.1
2015 Q1	3.3	3.6	2.7	3.3	3.6	3.7	0.1	0.6	0.3
Q2	3.2	3.3	2.5	2.9	3.3	3.1	0.5	0.7	0.4
Q3	2.3	2.0	2.1	2.1	2.5	2.3	-	0.1	-0.1
Q4	2.5	2.5	2.1	1.7	0.5	1.8	-0.2	0.4	0.7
2016 Q1	3.3	3.0	1.9	1.5	0.6	2.1	0.9	1.4	1.5
Q2	3.1	3.0	1.8	1.5	0.8	2.5	0.6	1.2	1.5
Q3	4.0	4.1	1.8	1.7	1.8	2.9	1.8	2.2	2.4
Q4	4.9	4.8	1.6	1.5	5.0	3.2	3.0	3.2	3.2
2017 Q1	4.3	4.3	1.8	1.7	3.7	2.7	2.4	2.5	2.6
Q2	3.7	3.8	1.5	1.5	2.5	2.1	2.0	2.1	2.3

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

2 The growth rates are calculated from the £m series and due to the rounded nature of the index series the growth rates cannot be replicated.

3 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 2015)					
	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 ⁴		
	ABMZ	CAES	YBHA	NTAP	ABML	ABMI	NTAO	ABMM	KLS2		
2013	1 716 163	-36 391	1 752 554	188 124	1 564 430	1 790 750	203 243	1 588 004	1 574 151		
2014	1 799 248	-37 814	1 837 062	198 340	1 638 722	1 845 444	201 472	1 644 002	1 630 293		
2015	1 845 800	-42 937	1 888 737	203 800	1 684 937	1 888 737	203 800	1 684 937	1 669 628		
2016	1 910 708	-50 417	1 961 125	213 478	1 747 647	1 922 626	211 496	1 711 130	1 695 328		
Seasonally adjusted											
2014 Q1	443 810	-7 483	451 293	49 186	402 107	455 814	51 039	404 850	401 319		
Q2	450 597	-8 326	458 923	49 652	409 271	459 702	50 728	409 007	405 563		
Q3	452 528	-10 614	463 142	49 166	413 976	463 201	50 220	412 967	409 632		
Q4	452 313	-11 391	463 704	50 336	413 368	466 727	49 485	417 178	413 779		
2015 Q1	456 239	-10 090	466 329	49 737	416 592	468 326	49 929	418 359	414 746		
Q2	466 523	-7 078	473 601	50 891	422 710	471 018	50 301	420 702	416 784		
Q3	465 691	-7 880	473 571	51 445	422 126	472 980	51 520	421 478	417 732		
Q4	457 347	-17 889	475 236	51 727	423 509	476 413	52 050	424 398	420 366		
2016 Q1	466 621	-15 320	481 941	52 649	429 292	477 152	52 328	424 824	420 955		
Q2	473 311	-14 922	488 233	52 975	435 258	479 682	52 754	426 928	422 957		
Q3	482 259	-10 311	492 570	53 228	439 342	481 524	53 041	428 483	424 270		
Q4	488 517	-9 864	498 381	54 626	443 755	484 268	53 373	430 895	427 146		
2017 Q1	493 691	-8 781	502 472	54 560	447 912	485 509	53 511	431 998	428 121		
Q2	495 902	-10 195	506 097	54 385	451 712	486 914	53 632	433 282	429 395		
Percentage change, latest year on previous year											
	KH74		IHYM		KGL6		IHYP		KGM7		KLH8
2013	2.9		4.0		3.9		2.1		1.5		1.5
2014	4.8		4.8		4.7		3.1		3.5		3.6
2015	2.6		2.8		2.8		2.3		2.5		2.4
2016	3.5		3.8		3.7		1.8		1.6		1.5
Percentage change, latest quarter on previous quarter											
	KH75		IHYN		KGL8		IHYQ		KGM9		
2014 Q1	1.9		1.5		1.4		0.9		1.1		1.2
Q2	1.5		1.7		1.8		0.9		1.0		1.1
Q3	0.4		0.9		1.1		0.8		1.0		1.0
Q4	-		0.1		-0.1		0.8		1.0		1.0
2015 Q1	0.9		0.6		0.8		0.3		0.3		0.2
Q2	2.3		1.6		1.5		0.6		0.6		0.5
Q3	-0.2		-		-0.1		0.4		0.2		0.2
Q4	-1.8		0.4		0.3		0.7		0.7		0.6
2016 Q1	2.0		1.4		1.4		0.2		0.1		0.1
Q2	1.4		1.3		1.4		0.5		0.5		0.5
Q3	1.9		0.9		0.9		0.4		0.4		0.3
Q4	1.3		1.2		1.0		0.6		0.6		0.7
2017 Q1	1.1		0.8		0.9		0.3		0.3		0.2
Q2	0.4		0.7		0.8		0.3		0.3		0.3
Percentage change, latest quarter on corresponding quarter of previous year											
	KH76		IHYO		KGM2		IHYR		KGN3		KLH9
2014 Q1	5.8		4.5		4.1		2.8		2.7		2.6
Q2	5.2		5.7		5.5		3.1		3.5		3.4
Q3	4.6		4.9		5.1		3.0		3.7		3.9
Q4	3.8		4.3		4.3		3.3		4.2		4.3
2015 Q1	2.8		3.3		3.6		2.7		3.3		3.3
Q2	3.5		3.2		3.3		2.5		2.9		2.8
Q3	2.9		2.3		2.0		2.1		2.1		2.0
Q4	1.1		2.5		2.5		2.1		1.7		1.6
2016 Q1	2.3		3.3		3.0		1.9		1.5		1.5
Q2	1.5		3.1		3.0		1.8		1.5		1.5
Q3	3.6		4.0		4.1		1.8		1.7		1.6
Q4	6.8		4.9		4.8		1.6		1.5		1.6
2017 Q1	5.8		4.3		4.3		1.8		1.7		1.7
Q2	4.8		3.7		3.8		1.5		1.5		1.5

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.

4 Calculated by using gross value added at basic prices minus extraction of crude petroleum and natural gas

B1 Gross value added at chained volume measures basic prices, by category of output^{1,2}

2015 = 100

	Production							Service industries					Gross value added ⁴	Gross value added excluding oil & gas
	Agri-culture, forestry, and fishing	Mining & quarrying inc oil & gas extract	Manu-facturing	Electric, gas, steam & air	Water supply, sewerage	Total	Constru-ction	Distri-bution, hotels & restaura-nts	Transport storage and commu-nications	Business services and finance	Government and other services	Total		
2015 Weights³	7	12	101	17	10	140	61	137	104	329	222	793	1000	991
	L2KL	L2KR	L2KX	L2MW	L2N2	L2KQ	L2N8	L2PZ	KI8M	KI8O	KI8Q	L2NC	CGCE	KLH7
2013	88.0	91.9	97.2	105.1	96.1	97.3	87.9	91.2	93.6	94.1	96.7	94.3	94.2	94.3
2014	98.8	92.5	100.0	99.0	96.7	98.8	95.7	95.5	96.2	97.7	99.1	97.5	97.6	97.6
2015	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
2016	94.3	99.0	100.9	102.6	105.3	101.3	103.8	105.1	104.1	101.7	101.3	102.5	101.6	101.5
Seasonally adjusted														
2014 Q1	95.8	92.7	99.2	97.4	98.9	98.3	92.9	93.6	94.0	96.1	98.2	96.0	96.1	96.1
Q2	97.9	92.6	99.8	98.1	96.0	98.5	94.6	95.0	95.3	97.3	98.8	97.0	97.1	97.2
Q3	99.6	91.6	100.3	101.2	95.4	99.0	97.5	95.9	96.8	98.1	99.4	97.9	98.0	98.1
Q4	101.9	92.9	100.7	99.4	96.5	99.3	97.9	97.6	98.5	99.2	100.0	99.1	99.0	99.1
2015 Q1	100.0	93.9	100.6	101.8	97.0	99.7	99.4	98.6	98.6	99.4	99.6	99.2	99.3	99.4
Q2	100.7	102.2	100.0	99.6	100.9	100.3	100.1	99.6	99.7	99.7	100.0	99.8	99.9	99.9
Q3	100.3	103.6	99.6	100.2	100.8	100.2	99.7	100.2	100.6	100.2	99.8	100.1	100.1	100.1
Q4	99.0	100.3	99.8	98.5	101.3	99.8	100.8	101.5	101.1	100.7	100.6	100.9	100.8	100.7
2016 Q1	94.9	97.2	99.7	99.4	102.9	99.7	101.3	103.4	102.4	101.2	101.0	101.7	100.9	100.9
Q2	94.0	99.3	101.3	105.1	105.4	101.9	103.5	104.2	102.8	101.7	101.1	102.1	101.4	101.3
Q3	93.8	104.3	100.6	101.1	105.9	101.4	104.0	105.4	105.2	101.9	101.5	102.8	101.7	101.6
Q4	94.7	95.1	102.0	104.6	106.9	102.1	106.3	107.3	105.9	102.2	101.6	103.4	102.3	102.3
2017 Q1	94.4	97.9	102.6	100.3	109.0	102.3	108.3	106.4	105.0	102.8	102.0	103.5	102.6	102.6
Q2	94.3	98.5	102.3	100.0	107.9	102.1	107.7	107.4	106.3	102.9	102.2	103.9	102.9	102.9
Percentage change, latest year on previous year														
	L3BB	L3BH	L3BN	L3DM	L3DQ	L3BG	L3DW	L3GP	KI8L	KI8N	KI8P	L3E2	KGM7	KLH8
2013	0.5	-2.8	-1.0	-0.2	4.2	-0.7	1.5	3.4	1.7	2.4	0.4	1.9	1.5	1.5
2014	12.2	0.6	2.9	-5.8	0.6	1.5	9.0	4.7	2.7	3.8	2.4	3.4	3.5	3.6
2015	1.2	8.1	-	1.0	3.4	1.2	4.4	4.7	4.0	2.4	0.9	2.6	2.5	2.4
2016	-5.7	-1.0	0.9	2.6	5.3	1.3	3.8	5.1	4.1	1.7	1.3	2.5	1.6	1.5
Percentage change, latest quarter on previous quarter														
													KGM9	
2014 Q1	6.8	-0.7	1.3	-5.3	-0.1	0.3	2.9	1.5	0.5	1.2	1.0	1.1	1.1	1.2
Q2	2.2	-0.1	0.6	0.7	-2.9	0.2	1.9	1.5	1.4	1.2	0.7	1.1	1.0	1.1
Q3	1.7	-1.0	0.5	3.2	-0.6	0.5	3.0	1.0	1.6	0.9	0.6	0.9	1.0	1.0
Q4	2.3	1.4	0.4	-1.8	1.2	0.3	0.4	1.8	1.8	1.1	0.6	1.2	1.0	1.0
2015 Q1	-1.8	1.0	-0.1	2.4	0.5	0.3	1.6	1.0	0.1	0.2	-0.4	0.1	0.3	0.2
Q2	0.6	8.8	-0.6	-2.2	4.0	0.6	0.7	1.0	1.1	0.4	0.4	0.6	0.6	0.5
Q3	-0.3	1.4	-0.4	0.7	-	-	-0.4	0.6	0.9	0.4	-0.1	0.4	0.2	0.2
Q4	-1.3	-3.1	0.1	-1.8	0.5	-0.4	1.2	1.3	0.5	0.6	0.8	0.7	0.7	0.6
2016 Q1	-4.1	-3.1	-	1.0	1.6	-0.1	0.5	1.9	1.3	0.4	0.4	0.8	0.1	0.1
Q2	-1.0	2.2	1.6	5.7	2.4	2.2	2.1	0.8	0.3	0.5	0.1	0.4	0.5	0.5
Q3	-0.2	5.0	-0.7	-3.8	0.5	-0.5	0.5	1.1	2.4	0.2	0.4	0.7	0.4	0.3
Q4	1.0	-8.8	1.3	3.4	1.0	0.7	2.2	1.9	0.7	0.3	0.1	0.6	0.6	0.7
2017 Q1	-0.3	2.9	0.6	-4.1	2.0	0.3	1.9	-0.8	-0.8	0.6	0.4	0.1	0.3	0.2
Q2	-0.1	0.6	-0.3	-0.3	-1.0	-0.3	-0.5	0.9	1.2	0.1	0.3	0.4	0.3	0.3
Percentage change, latest quarter on corresponding quarter of previous year														
	L3ZZ	L427	L42D	L44C	L44G	L426	L44M	L47F	KI12	KI19	KI18	L44Q	KGN3	KLH9
2014 Q1	10.8	3.5	2.9	-10.7	7.1	1.9	8.7	4.3	-0.5	3.1	1.3	2.3	2.7	2.6
Q2	12.3	1.5	2.9	-8.6	1.8	1.5	9.3	4.4	1.8	3.8	2.5	3.3	3.5	3.4
Q3	12.2	-2.2	3.0	-	-3.3	1.4	9.4	4.3	4.0	3.8	3.0	3.7	3.7	3.9
Q4	13.6	-0.4	2.9	-3.4	-2.5	1.3	8.4	5.9	5.5	4.5	2.9	4.4	4.2	4.3
2015 Q1	4.4	1.3	1.4	4.4	-1.9	1.4	7.0	5.4	5.0	3.4	1.4	3.4	3.3	3.3
Q2	2.8	10.4	0.2	1.5	5.1	1.8	5.7	4.9	4.7	2.6	1.2	2.9	2.9	2.8
Q3	0.7	13.1	-0.7	-1.0	5.7	1.2	2.2	4.5	3.9	2.1	0.5	2.3	2.1	2.0
Q4	-2.8	7.9	-0.9	-0.9	5.0	0.5	3.0	4.0	2.6	1.5	0.6	1.8	1.7	1.6
2016 Q1	-5.1	3.6	-0.8	-2.3	6.2	-	2.0	4.8	3.8	1.8	1.5	2.5	1.5	1.5
Q2	-6.7	-2.8	1.3	5.5	4.5	1.6	3.4	4.6	3.1	1.9	1.1	2.3	1.5	1.5
Q3	-6.5	0.7	1.0	0.9	5.0	1.2	4.3	5.1	4.6	1.7	1.7	2.7	1.7	1.6
Q4	-4.4	-5.2	2.2	6.2	5.5	2.3	5.4	5.7	4.8	1.5	1.0	2.5	1.5	1.6
2017 Q1	-0.6	0.7	2.8	0.9	5.9	2.6	6.9	2.9	2.6	1.7	1.0	1.8	1.7	1.7
Q2	0.4	-0.9	0.9	-4.8	2.4	0.2	4.1	3.1	3.4	1.3	1.1	1.8	1.5	1.5

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}

2015 = 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
2015 Weights³	108	104	29	68	139	122	47	61	74	41	793
	L2NE	KI8M	L2NQ	L2O6	L2OC	L2OH	L2P8	L2PA	L2PC	L2Q5	L2NC
2013	90.9	93.6	92.5	104.5	94.4	88.1	103.4	96.5	95.3	92.1	94.3
2014	95.6	96.2	95.2	103.2	97.3	94.9	101.8	98.3	98.7	97.9	97.5
2015	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2016	105.0	104.1	105.2	99.9	100.3	104.3	98.6	100.0	102.9	103.7	102.5
Seasonally adjusted											
2014 Q1	93.7	94.0	93.3	103.0	96.3	92.0	101.9	97.1	97.6	96.5	96.0
Q2	95.0	95.3	94.7	103.6	97.0	93.9	101.8	98.2	98.0	97.9	97.0
Q3	96.0	96.8	95.5	102.9	97.8	95.7	101.8	98.7	99.1	98.0	97.9
Q4	97.8	98.5	97.2	103.4	98.1	98.0	101.8	99.0	100.0	99.2	99.1
2015 Q1	98.6	98.6	98.8	102.5	98.9	98.1	101.0	99.5	98.9	99.2	99.2
Q2	99.7	99.7	99.3	99.7	100.0	99.5	100.4	100.0	100.0	99.5	99.8
Q3	100.3	100.6	99.8	98.4	100.6	100.8	99.4	100.2	100.4	98.7	100.1
Q4	101.4	101.1	102.0	99.4	100.6	101.6	99.2	100.3	100.7	102.6	100.9
2016 Q1	103.5	102.4	102.9	99.7	100.9	102.2	98.9	100.3	102.4	102.1	101.7
Q2	104.2	102.8	104.2	99.6	100.5	104.1	98.4	99.5	102.7	103.7	102.1
Q3	105.3	105.2	105.6	100.6	100.0	104.7	98.5	99.9	103.2	104.7	102.8
Q4	107.1	105.9	108.1	99.9	99.8	106.2	98.5	100.4	103.3	104.1	103.4
2017 Q1	105.8	105.0	108.6	100.9	100.2	106.9	98.5	101.1	103.9	104.0	103.5
Q2	106.7	106.3	109.9	101.1	100.4	106.9	98.4	101.4	104.3	104.3	103.9
Percentage change, latest year on previous year											
	L3E4	KI8L	L3EG	L3EU	L3F2	L3F7	L3FW	L3FY	L3G2	L3GT	L3E2
2013	4.9	1.7	-2.6	-2.2	2.3	5.4	-2.2	0.8	2.5	-1.0	1.9
2014	5.2	2.7	2.9	-1.2	3.1	7.7	-1.6	1.8	3.6	6.3	3.4
2015	4.6	4.0	5.1	-3.1	2.8	5.4	-1.8	1.8	1.3	2.2	2.6
2016	5.0	4.1	5.2	-0.1	0.3	4.3	-1.4	-	2.9	3.7	2.5
Percentage change, latest quarter on previous quarter											
2014 Q1	1.6	0.5	1.2	-0.1	1.1	2.1	-0.7	0.3	1.4	3.5	1.1
Q2	1.5	1.4	1.4	0.6	0.8	2.0	-0.2	1.1	0.4	1.4	1.1
Q3	1.0	1.6	0.9	-0.7	0.7	2.0	-	0.5	1.2	0.1	0.9
Q4	1.8	1.8	1.8	0.5	0.3	2.3	-	0.3	0.9	1.3	1.2
2015 Q1	0.8	0.1	1.7	-0.9	0.8	0.1	-0.8	0.5	-1.1	-	0.1
Q2	1.1	1.1	0.5	-2.7	1.1	1.5	-0.6	0.5	1.1	0.3	0.6
Q3	0.6	0.9	0.6	-1.4	0.6	1.2	-1.0	0.2	0.5	-0.7	0.4
Q4	1.0	0.5	2.2	1.1	-	0.9	-0.2	0.1	0.2	3.9	0.7
2016 Q1	2.1	1.3	0.9	0.3	0.4	0.6	-0.3	-	1.7	-0.5	0.8
Q2	0.6	0.3	1.2	-0.1	-0.4	1.8	-0.5	-0.7	0.3	1.6	0.4
Q3	1.1	2.4	1.3	1.0	-0.4	0.6	0.1	0.3	0.5	0.9	0.7
Q4	1.7	0.7	2.4	-0.7	-0.2	1.4	-	0.5	0.1	-0.6	0.6
2017 Q1	-1.2	-0.8	0.5	1.0	0.4	0.6	-	0.7	0.5	-	0.1
Q2	0.8	1.2	1.2	0.2	0.1	-	-0.1	0.3	0.4	0.3	0.4
Percentage change, latest quarter on corresponding quarter of the previous year											
	L44S	KI12	L456	L45K	L45Q	L45V	L46M	L46O	L46Q	L47J	L44Q
2014 Q1	5.1	-0.5	0.9	-3.1	3.1	6.9	-2.4	0.5	2.8	4.6	2.3
Q2	5.1	1.8	2.2	-1.1	3.1	7.8	-1.8	1.9	3.4	7.0	3.3
Q3	4.6	4.0	3.3	-0.8	3.0	7.5	-1.3	2.7	4.2	7.1	3.7
Q4	6.1	5.5	5.3	0.3	3.0	8.7	-0.8	2.3	3.9	6.5	4.4
2015 Q1	5.3	5.0	5.9	-0.5	2.7	6.6	-0.9	2.5	1.3	2.8	3.4
Q2	4.9	4.7	4.9	-3.7	3.0	6.0	-1.3	1.9	2.0	1.6	2.9
Q3	4.5	3.9	4.6	-4.4	2.9	5.2	-2.3	1.5	1.3	0.8	2.3
Q4	3.7	2.6	5.0	-3.9	2.6	3.7	-2.6	1.2	0.6	3.4	1.8
2016 Q1	5.0	3.8	4.2	-2.7	2.1	4.2	-2.0	0.8	3.5	3.0	2.5
Q2	4.4	3.1	5.0	-0.1	0.5	4.6	-2.0	-0.5	2.7	4.3	2.3
Q3	5.0	4.6	5.7	2.2	-0.5	3.9	-0.9	-0.3	2.7	6.0	2.7
Q4	5.7	4.8	5.9	0.5	-0.8	4.5	-0.7	0.1	2.6	1.4	2.5
2017 Q1	2.2	2.6	5.5	1.2	-0.7	4.5	-0.4	0.8	1.4	1.9	1.8
Q2	2.4	3.4	5.4	1.5	-0.1	2.7	-0.1	1.9	1.6	0.6	1.8

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
Households	Non-profit institutions ²	General government	Gross fixed capital formation	Of which business investment ³	Changes in inventories ⁴	Of which alignment adjustment	Acquisitions less disposals of valuables ⁵	Total	Total exports	Gross final expenditure	less imports	Total	Trade balance ⁶			
ABJQ	HAYE	NMRP	NPQS	NPEK	CAEX	DMUN	NPJQ	YBIL	IKBH	ABMF	IKBI	IKBJ	GIXM	YBHA		
2013	1 098 735	54 428	348 076	277 209	161 409	4 712	-	4 761 1	787 921	519 913	2 307 834	555 280	-35 367	-	1 752 554	
2014	1 143 919	56 625	359 014	300 965	170 551	13 268	-	102 1	873 893	518 925	2 392 818	555 756	-36 831	-	1 837 062	
2015	1 181 868	56 614	362 062	313 189	179 697	7 812	-	-438 1	921 107	517 161	2 438 268	549 531	-32 370	-	1 888 737	
2016	1 233 323	57 005	369 967	322 430	181 949	7 937	-	2 310 1	992 972	547 473	2 540 445	590 486	-43 013	11 166	1 961 125	
Seasonally adjusted																
2014 Q1	281 760	14 024	89 297	74 439	41 850	2 902	-1 880	281	462 703	127 021	589 724	138 431	-11 410	-	451 293	
Q2	284 105	14 170	89 194	74 925	43 112	4 036	-934	-1 565	464 865	131 518	596 383	137 460	-5 942	-	458 923	
Q3	289 277	14 226	90 695	75 588	42 673	3 833	970	-638	472 981	128 283	601 264	138 122	-9 839	-	463 142	
Q4	288 777	14 205	89 828	76 013	42 916	2 497	1 844	2 024	473 344	132 103	605 447	141 743	-9 640	-	463 704	
2015 Q1	291 252	14 151	89 873	78 977	45 755	-466	1 461	2 615	476 402	129 619	606 021	139 692	-10 073	-	466 329	
Q2	293 798	14 110	90 743	79 276	45 461	1 775	-955	-281	479 421	130 724	610 145	136 544	-5 820	-	473 601	
Q3	296 915	14 133	91 264	77 229	44 064	2 795	-1 386	-539	481 797	127 267	609 064	135 493	-8 226	-	473 571	
Q4	299 903	14 220	90 182	77 707	44 417	3 708	880	-2 233	483 487	129 551	613 038	137 802	-8 251	-	475 236	
2016 Q1	302 840	14 242	91 733	78 660	44 897	2 579	1 095	778	490 832	128 363	619 195	138 926	-10 563	1 672	481 941	
Q2	306 960	14 288	92 437	80 433	45 214	828	-1 149	-798	494 148	134 856	629 004	143 344	-8 488	2 573	488 233	
Q3	309 674	14 228	92 564	81 611	46 000	4 114	1 161	3 759	505 950	136 762	642 712	153 396	-16 634	3 254	492 570	
Q4	313 849	14 247	93 233	81 726	45 838	416	-1 107	-1 429	502 042	147 492	649 534	154 820	-7 328	3 667	498 381	
2017 Q1	317 305	14 294	93 520	82 557	46 749	507	-1 431	-252	507 931	149 381	657 312	158 285	-8 904	3 445	502 472	
Q2	318 852	14 387	94 057	83 509	47 093	-904	-2 631	-732	509 169	152 641	661 810	159 148	-6 507	3 435	506 097	
Percentage change, latest year on previous year																
	KG77	KGZ8	KH2C	KG6O	KG6N			KGX3	KH2O	KG7V	KH3H			IHYM		
2013	4.3	1.4	0.7	5.5	4.6			4.0	3.8	4.0	3.9			4.0		
2014	4.1	4.0	3.1	8.6	5.7			4.8	-0.2	3.7	0.1			4.8		
2015	3.3	-	0.8	4.1	5.4			2.5	-0.3	1.9	-1.1			2.8		
2016	4.4	0.7	2.2	3.0	1.3			3.7	5.9	4.2	7.5			3.8		
Percentage change, latest quarter on previous quarter																
	KG78	KGZ9	KH2D	KG6W	KG6V			KGX4	KH2P	KG78	KH3I			IHYN		
2014 Q1	1.2	1.3	1.0	3.0	0.8			1.0	0.2	0.8	-1.5			1.5		
Q2	0.8	1.0	-0.1	0.7	3.0			0.5	3.5	1.1	-0.7			1.7		
Q3	1.8	0.4	1.7	0.9	-1.0			1.7	-2.5	0.8	0.5			0.9		
Q4	-0.2	-0.1	-1.0	0.6	0.6			0.1	3.0	0.7	2.6			0.1		
2015 Q1	0.9	-0.4	0.1	3.9	6.6			0.6	-1.9	0.1	-1.4			0.6		
Q2	0.9	-0.3	1.0	0.4	-0.6			0.6	0.9	0.7	-2.3			1.6		
Q3	1.1	0.2	0.6	-2.6	-3.1			0.5	-2.6	-0.2	-0.8			-		
Q4	1.0	0.6	-1.2	0.6	0.8			0.4	1.8	0.7	1.7			0.4		
2016 Q1	1.0	0.2	1.7	1.2	1.1			1.5	-0.9	1.0	0.8			1.4		
Q2	1.4	0.3	0.8	2.3	0.7			0.7	5.1	1.6	3.2			1.3		
Q3	0.9	-0.4	0.1	1.5	1.7			2.4	1.4	2.2	7.0			0.9		
Q4	1.3	0.1	0.7	0.1	-0.4			-0.8	7.8	1.1	0.9			1.2		
2017 Q1	1.1	0.3	0.3	1.0	2.0			1.2	1.3	1.2	2.2			0.8		
Q2	0.5	0.7	0.6	1.2	0.7			0.2	2.2	0.7	0.5			0.7		
Percentage change, latest quarter on corresponding quarter of previous year																
	KG79	KH22	KH2E	KG76	KG75			KGX5	KH2Q	KG79	KH3J			IHYO		
2014 Q1	3.9	4.5	4.3	12.6	6.0			6.0	-2.2	4.1	3.0			4.5		
Q2	4.2	4.9	1.7	11.1	11.4			5.1	-0.8	3.8	-2.1			5.7		
Q3	4.6	4.2	5.1	5.8	2.3			4.9	-1.8	3.4	-1.2			4.9		
Q4	3.8	2.6	1.6	5.2	3.3			3.3	4.2	3.5	0.8			4.3		
2015 Q1	3.4	0.9	0.6	6.1	9.3			3.0	2.0	2.8	0.9			3.3		
Q2	3.4	-0.4	1.7	5.8	5.4			3.1	-0.6	2.3	-0.7			3.2		
Q3	2.6	-0.7	0.6	2.2	3.3			1.9	-0.8	1.3	-1.9			2.3		
Q4	3.9	0.1	0.4	2.2	3.5			2.1	-1.9	1.3	-2.8			2.5		
2016 Q1	4.0	0.6	2.1	-0.4	-1.9			3.0	-1.0	2.2	-0.5			3.3		
Q2	4.5	1.3	1.9	1.5	-0.5			3.1	3.2	3.1	5.0			3.1		
Q3	4.3	0.7	1.4	5.7	4.4			5.0	7.5	5.5	13.2			4.0		
Q4	4.7	0.2	3.4	5.2	3.2			3.8	13.8	6.0	12.3			4.9		
2017 Q1	4.8	0.4	1.9	5.0	4.1			3.5	16.4	6.2	13.9			4.3		
Q2	3.9	0.7	1.8	3.8	4.2			3.0	13.2	5.2	11.0			3.7		

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

2 Non-profit institutions serving households.

3 A further breakdown of business investment can be found in the 'Business investment in the UK' bulletin.

4 Quarterly alignment adjustment included in this series.

5 Acquisitions less disposals of valuables can be a volatile series due to the inclusion of non-monetary gold, but any volatility is likely to be GDP neutral as this is offset in UK trade figures.

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

C2 Gross domestic product by category of expenditure: chained volume measures¹

Reference year 2015, £ million

National expenditure on goods and services at market prices																
Final consumption expenditure					Gross capital formation											
Year	Households		Non-profit institutions ²	General government	Gross fixed capital formation	Of which business investment ³	Changes in inventories ⁴	Of which alignment adjustment	Acquisitions less disposals of valuables ⁵	Total	Total exports	Gross final expenditure	less imports	Trade balance ⁶	Statistical discrepancy (expenditure)	Gross domestic product at market prices
	ABJR	HAYO	NMRY	NPQT	NPEL	CAFU	DMUM	NPJR	YBIM	IKBK	ABMG	IKBL	IKBM	GIXS	ABMI	
2013	1 126 255	56 218	351 066	284 562	164 847	2 028	–	960 1	810 045	479 919	2 289 799	500 450	–20 531	–	1 790 750	
2014	1 150 513	57 081	359 884	304 735	173 239	5 548	–	–24 1	875 361	492 660	2 367 507	522 796	–30 136	–	1 845 444	
2015	1 181 868	56 614	362 062	313 189	179 697	7 812	–	–438 1	921 107	517 161	2 438 268	549 531	–32 370	–	1 888 737	
2016	1 216 008	56 970	365 867	317 386	178 951	3 473	–	2 194 1	961 898	522 736	2 484 634	572 935	–50 199	10 927	1 922 626	
Seasonally adjusted																
2014 Q1	285 196	14 369	89 194	75 110	42 243	–4 151	–1 896	75	464 973	119 233	583 888	128 294	–9 061	–	455 814	
Q2	286 168	14 258	90 168	76 107	43 943	–437	–933	–310	463 873	123 818	587 716	128 351	–4 533	–	459 702	
Q3	289 930	14 250	90 476	76 974	43 697	3 149	972	–147	471 638	122 146	593 513	130 568	–8 422	–	463 201	
Q4	289 219	14 204	90 046	76 544	43 356	6 987	1 857	358	474 877	127 463	602 390	135 583	–8 120	–	466 727	
2015 Q1	292 140	14 124	90 011	78 709	45 624	9 385	1 465	449	478 308	127 450	605 754	137 349	–9 899	–	468 326	
Q2	294 126	14 217	90 592	79 802	45 685	–4 126	–954	–145	476 053	129 988	606 145	135 244	–5 256	–	471 018	
Q3	297 203	14 047	90 892	77 293	44 175	–1 205	–1 389	–199	480 564	128 669	609 192	136 303	–7 634	–	472 980	
Q4	298 399	14 226	90 567	77 385	44 213	3 758	878	–543	486 182	131 054	617 177	140 635	–9 581	–	476 413	
2016 Q1	300 693	14 255	91 489	77 821	44 151	3 234	1 080	702	488 194	127 861	616 055	140 558	–12 697	1 655	477 152	
Q2	303 532	14 319	91 411	79 315	44 540	77	–1 133	–820	487 834	131 017	618 851	141 697	–10 680	2 528	479 682	
Q3	305 258	14 195	91 396	79 967	45 163	1 215	1 131	3 729	495 760	128 470	624 230	145 887	–17 417	3 181	481 524	
Q4	306 525	14 201	91 571	80 283	45 097	–1 053	–1 078	–1 417	490 110	135 388	625 498	144 793	–9 405	3 563	484 268	
2017 Q1	307 605	14 241	91 780	80 715	45 437	–642	–1 383	–258	493 441	135 033	628 474	146 294	–11 261	3 329	485 509	
Q2	308 283	14 297	91 890	81 183	45 661	–2 110	–2 531	–733	492 810	137 378	630 188	146 579	–9 201	3 305	486 914	
Percentage change, latest year on previous year																
	KGZ5	KH26	KH2I	KG7N	KG7M				KGX9	KH2U	KGW5	KH3N			IHYP	
2013	1.9	–1.5	0.2	3.4	3.0				2.7	0.8	2.3	3.1			2.1	
2014	2.2	1.5	2.5	7.1	5.1				3.6	2.7	3.4	4.5			3.1	
2015	2.7	–0.8	0.6	2.8	3.7				2.4	5.0	3.0	5.1			2.3	
2016	2.9	0.6	1.1	1.3	–0.4				2.1	1.1	1.9	4.3			1.8	
Percentage change, latest quarter on previous quarter																
	KGZ6	KH27	KH2J	KG7Q	KG7P				KGY2	KH2V	KGW6	KH3O			IHYQ	
2014 Q1	0.6	1.3	0.7	2.1	0.2				0.5	0.7	0.5	–0.5			0.9	
Q2	0.3	–0.8	1.1	1.3	4.0				–0.2	3.8	0.7	–			0.9	
Q3	1.3	–0.1	0.3	1.1	–0.6				1.7	–1.4	1.0	1.7			0.8	
Q4	–0.2	–0.3	–0.5	–0.6	–0.8				0.7	4.4	1.5	3.8			0.8	
2015 Q1	1.0	–0.6	–	2.8	5.2				0.7	–	0.6	1.3			0.3	
Q2	0.7	0.7	0.6	1.4	0.1				–0.5	2.0	0.1	–1.5			0.6	
Q3	1.0	–1.2	0.3	–3.1	–3.3				0.9	–1.0	0.5	0.8			0.4	
Q4	0.4	1.3	–0.4	0.1	0.1				1.2	1.9	1.3	3.2			0.7	
2016 Q1	0.8	0.2	1.0	0.6	–0.1				0.4	–2.4	–0.2	–0.1			0.2	
Q2	0.9	0.4	–0.1	1.9	0.9				–0.1	2.5	0.5	0.8			0.5	
Q3	0.6	–0.9	–	0.8	1.4				1.6	–1.9	0.9	3.0			0.4	
Q4	0.4	–	0.2	0.4	–0.1				–1.1	5.4	0.2	–0.7			0.6	
2017 Q1	0.4	0.3	0.2	0.5	0.8				0.7	–0.3	0.5	1.0			0.3	
Q2	0.2	0.4	0.1	0.6	0.5				–0.1	1.7	0.3	0.2			0.3	
Percentage change, latest quarter on corresponding quarter of previous year																
	KGZ7	KH28	KH2K	KG7T	KG7S				KGY3	KH2W	KGW7	KH3P			IHYR	
2014 Q1	1.8	2.3	2.5	11.2	5.1				5.0	0.1	3.9	7.4			2.8	
Q2	2.1	2.5	2.9	8.3	9.7				3.4	0.9	2.8	1.9			3.1	
Q3	2.7	1.2	3.0	5.2	3.0				3.5	2.0	3.1	3.5			3.0	
Q4	2.0	0.1	1.7	4.1	2.8				2.6	7.7	3.7	5.1			3.3	
2015 Q1	2.4	–1.7	0.9	4.8	8.0				2.9	6.9	3.7	7.1			2.7	
Q2	2.8	–0.3	0.5	4.9	4.0				2.6	5.0	3.1	5.4			2.5	
Q3	2.5	–1.4	0.5	0.4	1.1				1.9	5.3	2.6	4.4			2.1	
Q4	3.2	0.2	0.6	1.1	2.0				2.4	2.8	2.5	3.7			2.1	
2016 Q1	2.9	0.9	1.6	–1.1	–3.2				2.1	0.3	1.7	2.3			1.9	
Q2	3.2	0.7	0.9	–0.6	–2.5				2.5	0.8	2.1	4.8			1.8	
Q3	2.7	1.1	0.6	3.5	2.2				3.2	–0.2	2.5	7.0			1.8	
Q4	2.7	–0.2	1.1	3.7	2.0				0.8	3.3	1.3	3.0			1.6	
2017 Q1	2.3	–0.1	0.3	3.7	2.9				1.1	5.6	2.0	4.1			1.8	
Q2	1.6	–0.2	0.5	2.4	2.5				1.0	4.9	1.8	3.4			1.5	

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

2 Non-profit institutions serving households.

3 A further breakdown of business investment can be found in the 'Business investment in the UK' bulletin.

4 Quarterly alignment adjustment included in this series.

5 Acquisitions less disposals of valuables can be a volatile series due to the inclusion of non-monetary gold, but any volatility is likely to be GDP neutral as this is offset in UK trade figures.

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

D Gross domestic product by category of income: current prices¹

£ million

	Gross operating surplus of corporations							Gross value added at factor cost	Taxes on products & production less subsidies	Statistical discrepancy (income)	Gross domestic product at market prices
	Compensation of employees	Private non-financial corporations ^{2,3}	Of which alignment adjustment	Financial corporations	Public corporations	Total	Other income ⁴				
	DTWM	CAER	DMUQ	NHCZ	CAEQ	CGBZ	CGBX	CGCB	CMVL	GIXQ	YBHA
2013	883 501	301 563	–	52 742	15 598	369 903	286 062	1 539 466	213 088	–	1 752 554
2014	902 294	334 189	–	55 628	15 654	405 471	305 616	1 613 381	223 681	–	1 837 062
2015	930 206	344 849	–	45 594	16 198	406 641	322 024	1 658 871	229 866	–	1 888 737
2016	967 754	354 499	–	46 092	16 190	416 781	334 608	1 719 143	239 532	2 450	1 961 125
Seasonally adjusted											
2014 Q1	223 971	80 417	–99	13 778	3 371	97 566	74 528	396 065	55 228	–	451 293
Q2	223 823	82 281	–509	15 335	4 561	102 177	76 832	402 832	56 091	–	458 923
Q3	225 825	88 021	962	12 942	3 921	104 884	76 782	407 491	55 651	–	463 142
Q4	228 675	83 470	–354	13 573	3 801	100 844	77 474	406 993	56 711	–	463 704
2015 Q1	229 827	85 090	–751	13 463	3 600	102 153	78 552	410 532	55 797	–	466 329
Q2	231 757	88 427	1 933	11 211	4 553	104 191	80 076	416 024	57 577	–	473 601
Q3	233 301	87 024	801	9 211	4 113	100 348	81 795	415 444	58 127	–	473 571
Q4	235 321	84 308	–1 983	11 709	3 932	99 949	81 601	416 871	58 365	–	475 236
2016 Q1	235 597	89 688	1 733	11 364	3 895	104 947	82 117	422 661	58 912	368	481 941
Q2	240 949	87 148	–1 612	11 486	4 558	103 192	83 825	427 966	59 705	562	488 233
Q3	244 887	86 289	–2 020	12 751	3 848	102 888	84 233	432 008	59 860	702	492 570
Q4	246 321	91 374	1 899	10 491	3 889	105 754	84 433	436 508	61 055	818	498 381
2017 Q1	248 271	92 556	620	11 770	3 891	108 217	84 593	441 081	60 396	995	502 472
Q2	250 858	90 950	–342	12 616	4 479	108 045	85 146	444 049	61 135	913	506 097
Percentage change, latest year on previous year											
	KG13	KH59		KH5L	KH53	KH4V	KH6T	KH6N	KH65		IHYM
2013	4.0	4.1		2.7	3.8	3.9	3.5	3.9	4.9		4.0
2014	2.1	10.8		5.5	0.4	9.6	6.8	4.8	5.0		4.8
2015	3.1	3.2		–18.0	3.5	0.3	5.4	2.8	2.8		2.8
2016	4.0	2.8		1.1	–	2.5	3.9	3.6	4.2		3.8
Percentage change, latest quarter on previous quarter											
	KG14	KH5A		KH5M	KH54	KH4W	KH6U	KH6O	KH66		IHYN
2014 Q1	0.1	5.3		–0.7	–7.1	3.9	2.8	1.5	1.4		1.5
Q2	–0.1	2.3		11.3	35.3	4.7	3.1	1.7	1.6		1.7
Q3	0.9	7.0		–15.6	–14.0	2.6	–0.1	1.2	–0.8		0.9
Q4	1.3	–5.2		4.9	–3.1	–3.9	0.9	–0.1	1.9		0.1
2015 Q1	0.5	1.9		–0.8	–5.3	1.3	1.4	0.9	–1.6		0.6
Q2	0.8	3.9		–16.7	26.5	2.0	1.9	1.3	3.2		1.6
Q3	0.7	–1.6		–17.8	–9.7	–3.7	2.1	–0.1	1.0		–
Q4	0.9	–3.1		27.1	–4.4	–0.4	–0.2	0.3	0.4		0.4
2016 Q1	0.1	6.4		–2.9	–0.9	5.0	0.6	1.4	0.9		1.4
Q2	2.3	–2.8		1.1	17.0	–1.7	2.1	1.3	1.3		1.3
Q3	1.6	–1.0		11.0	–15.6	–0.3	0.5	0.9	0.3		0.9
Q4	0.6	5.9		–17.7	1.1	2.8	0.2	1.0	2.0		1.2
2017 Q1	0.8	1.3		12.2	0.1	2.3	0.2	1.0	–1.1		0.8
Q2	1.0	–1.7		7.2	15.1	–0.2	0.7	0.7	1.2		0.7
Percentage change, latest quarter on corresponding quarter of previous year											
	KG15	KH5B		KH5N	KH55	KH4X	KH6V	KH6P	KH67		IHYO
2014 Q1	3.9	2.6		5.3	3.2	3.0	6.4	4.1	6.9		4.5
Q2	0.7	16.1		24.9	–1.8	16.4	7.3	5.6	6.3		5.7
Q3	1.7	15.9		–4.2	–3.3	12.1	6.8	5.2	2.6		4.9
Q4	2.2	9.3		–2.1	4.7	7.4	6.8	4.3	4.1		4.3
2015 Q1	2.6	5.8		–2.3	6.8	4.7	5.4	3.7	1.0		3.3
Q2	3.5	7.5		–26.9	–0.2	2.0	4.2	3.3	2.6		3.2
Q3	3.3	–1.1		–28.8	4.9	–4.3	6.5	2.0	4.4		2.3
Q4	2.9	1.0		–13.7	3.4	–0.9	5.3	2.4	2.9		2.5
2016 Q1	2.5	5.4		–15.6	8.2	2.7	4.5	3.0	5.6		3.3
Q2	4.0	–1.4		2.5	0.1	–1.0	4.7	2.9	3.7		3.1
Q3	5.0	–0.8		38.4	–6.4	2.5	3.0	4.0	3.0		4.0
Q4	4.7	8.4		–10.4	–1.1	5.8	3.5	4.7	4.6		4.9
2017 Q1	5.4	3.2		3.6	–0.1	3.1	3.0	4.4	2.5		4.3
Q2	4.1	4.4		9.8	–1.7	4.7	1.6	3.8	2.4		3.7

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 the operating surplus of financial corporations, private non-financial corporations and public corporations.

4 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	
				01	02	03	04	05	06	07	08	09	10	11	12	
	ABJQ	ABTF	ZAKV	ZWUM	ZAKX	ZAKZ	ZAVN	ZAVV	ZAWB	ZAWL	ZAWV	ZAWZ	ZWUS	ZAXR	ZAYF	
2013	1 098 735	7 002	1 091 733	96 358	41 915	58 150	300 401	48 946	18 717	150 358	21 189	103 281	17 739	102 267	132 412	
2014	1 143 919	6 520	1 137 399	97 740	42 548	61 815	307 741	51 684	19 233	157 080	20 984	106 241	18 808	106 771	146 754	
2015	1 181 868	8 083	1 173 785	97 641	43 227	65 064	319 589	54 861	20 736	158 418	22 455	110 860	20 233	110 372	150 329	
2016	1 233 323	14 090	1 219 233	98 443	43 809	67 697	329 871	58 735	21 830	163 530	24 043	116 104	21 652	116 195	157 324	
Seasonally adjusted																
2014 Q1	281 760	1 877	279 883	24 441	10 684	14 928	75 923	12 580	4 891	38 828	5 221	26 139	4 627	26 567	35 054	
Q2	284 105	1 399	282 706	24 324	10 514	15 687	76 632	12 716	4 812	39 364	5 161	26 212	4 640	26 864	35 780	
Q3	289 277	1 312	287 965	24 558	10 657	15 524	77 583	13 096	4 731	39 732	5 255	27 050	4 707	26 610	38 462	
Q4	288 777	1 932	286 845	24 417	10 693	15 676	77 603	13 292	4 799	39 156	5 347	26 840	4 834	26 730	37 458	
2015 Q1	291 252	2 070	289 182	24 184	10 760	15 801	79 030	13 515	4 891	38 906	5 474	27 187	4 920	27 057	37 457	
Q2	293 798	1 703	292 095	24 405	10 755	16 303	79 613	13 567	5 154	39 488	5 571	27 644	4 988	27 424	37 183	
Q3	296 915	2 368	294 547	24 494	10 813	16 427	80 662	13 684	5 187	39 682	5 616	27 925	5 042	27 726	37 289	
Q4	299 903	1 942	297 961	24 558	10 899	16 533	80 284	14 095	5 504	40 342	5 794	28 104	5 283	28 165	38 400	
2016 Q1	302 840	2 868	299 972	24 561	10 828	16 811	81 649	14 210	5 433	40 519	5 876	28 464	5 373	28 241	38 007	
Q2	306 960	3 475	303 485	24 459	11 134	16 639	82 397	14 618	5 434	40 808	5 950	28 922	5 401	29 017	38 706	
Q3	309 674	3 985	305 689	24 636	10 939	16 877	82 192	14 783	5 383	40 691	6 099	29 177	5 426	29 274	40 212	
Q4	313 849	3 762	310 087	24 787	10 908	17 370	83 633	15 124	5 580	41 512	6 118	29 541	5 452	29 663	40 399	
2017 Q1	317 305	3 398	313 907	25 205	10 695	17 386	83 564	15 359	5 757	43 008	6 155	30 002	5 478	30 357	40 941	
Q2	318 852	3 144	315 708	25 579	10 635	17 685	84 036	15 734	5 766	41 331	6 223	30 421	5 503	30 542	42 253	
Percentage change, latest year on previous year																
	KGJ7	KG6U	KG9N	KGJ3	KGJ9	KGJ7	KGJ5	KGJ6	KGJ4	KGK2	KGK8	KGJ2	KGJ6	KGJ2	KGJ2	
2013	4.3	4.4	5.4	1.1	4.0	4.9	4.0	14.0	5.1	6.5	0.7	12.6	5.2	3.1		
2014	4.1	4.2	1.4	1.5	6.3	2.4	5.6	2.8	4.5	-1.0	2.9	6.0	4.4	10.8		
2015	3.3	3.2	-0.1	1.6	5.3	3.8	6.1	7.8	0.9	7.0	4.3	7.6	3.4	2.4		
2016	4.4	3.9	0.8	1.3	4.0	3.2	7.1	5.3	3.2	7.1	4.7	7.0	5.3	4.7		
Percentage change, quarter on previous quarter																
	KGJ8	KGJ7	KGJ9	KGJ4	KGJ2	KGJ8	KGJ6	KGJ7	KGJ5	KGK3	KGK9	KGJ3	KGJ7	KGJ3		
2014 Q1	1.2	1.2	0.1	1.7	0.4	0.3	1.0	-1.9	2.7	-2.8	0.6	-0.8	2.8	3.5		
Q2	0.8	1.0	-0.5	-1.6	5.1	0.9	1.1	-1.6	1.4	-1.1	0.3	0.3	1.1	2.1		
Q3	1.8	1.9	1.0	1.4	-1.0	1.2	3.0	-1.7	0.9	1.8	3.2	1.4	-0.9	7.5		
Q4	-0.2	-0.4	-0.6	0.3	1.0	-	1.5	1.4	-1.4	1.8	-0.8	2.7	0.5	-2.6		
2015 Q1	0.9	0.8	-1.0	0.6	0.8	1.8	1.7	1.9	-0.6	2.4	1.3	1.8	1.2	-		
Q2	0.9	1.0	0.9	-	3.2	0.7	0.4	5.4	1.5	1.8	1.7	1.4	1.4	-0.7		
Q3	1.1	0.8	0.4	0.5	0.8	1.3	0.9	0.6	0.5	0.8	1.0	1.1	1.1	0.3		
Q4	1.0	1.2	0.3	0.8	0.6	-0.5	3.0	6.1	1.7	3.2	0.6	4.8	1.6	3.0		
2016 Q1	1.0	0.7	-	-0.7	1.7	1.7	0.8	-1.3	0.4	1.4	1.3	1.7	0.3	-1.0		
Q2	1.4	1.2	-0.4	2.8	-1.0	0.9	2.9	-	0.7	1.3	1.6	0.5	2.7	1.8		
Q3	0.9	0.7	0.7	-1.8	1.4	-0.2	1.1	-0.9	-0.3	2.5	0.9	0.5	0.9	3.9		
Q4	1.3	1.4	0.6	-0.3	2.9	1.8	2.3	3.7	2.0	0.3	1.2	0.5	1.3	0.5		
2017 Q1	1.1	1.2	1.7	-2.0	0.1	-0.1	1.6	3.2	3.6	0.6	1.6	0.5	2.3	1.3		
Q2	0.5	0.6	1.5	-0.6	1.7	0.6	2.4	0.2	-3.9	1.1	1.4	0.5	0.6	3.2		
Percentage change, quarter on corresponding quarter of previous year																
	KGJ9	KGJ7	KGJ9	KGJ5	KGJ3	KGJ9	KGJ7	KGJ8	KGJ6	KGK4	KGJ2	KGJ4	KGJ8	KGJ4		
2014 Q1	3.9	3.8	2.4	0.5	3.7	2.1	4.5	10.3	5.5	-0.9	2.7	5.8	4.8	7.2		
Q2	4.2	4.4	1.9	3.4	10.0	1.7	4.4	6.5	5.1	-2.1	1.8	6.6	5.8	10.6		
Q3	4.6	4.8	1.4	0.5	6.1	3.4	6.7	-1.0	3.8	-0.3	3.7	8.3	3.5	14.9		
Q4	3.8	3.8	-	1.8	5.5	2.5	6.7	-3.8	3.6	-0.5	3.2	3.6	3.5	10.6		
2015 Q1	3.4	3.3	-1.1	0.7	5.8	4.1	7.4	-	0.2	4.8	4.0	6.3	1.8	6.9		
Q2	3.4	3.3	0.3	2.3	3.9	3.9	6.7	7.1	0.3	7.9	5.5	7.5	2.1	3.9		
Q3	2.6	2.3	-0.3	1.5	5.8	4.0	4.5	9.6	-0.1	6.9	3.2	7.1	4.2	-3.0		
Q4	3.9	3.9	0.6	1.9	5.5	3.5	6.0	14.7	3.0	8.4	4.7	9.3	5.4	2.5		
2016 Q1	4.0	3.7	1.6	0.6	6.4	3.3	5.1	11.1	4.1	7.3	4.7	9.2	4.4	1.5		
Q2	4.5	3.9	0.2	3.5	2.1	3.5	7.7	5.4	3.3	6.8	4.6	8.3	5.8	4.1		
Q3	4.3	3.8	0.6	1.2	2.7	1.9	8.0	3.8	2.5	8.6	4.5	7.6	5.6	7.8		
Q4	4.7	4.1	0.9	0.1	5.1	4.2	7.3	1.4	2.9	5.6	5.1	3.2	5.3	5.2		
2017 Q1	4.8	4.6	2.6	-1.2	3.4	2.3	8.1	6.0	6.1	4.7	5.4	2.0	7.5	7.7		
Q2	3.9	4.0	4.6	-4.5	6.3	2.0	7.6	6.1	1.3	4.6	5.2	1.9	5.3	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.
4 A misallocation between COICOPs was identified late in production, affecting 2015 data only. Approximately £80m per quarter (in both CP and CVM) should be reallocated from COICOP 04.3.2 to COICOP 12.7. This does not affect top level HHFC or GDP and will be reallocated in Blue Book 2018, the next time 2015 will be open to revision.

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

£ million

		UK NATIONAL ²							
		UK DOMESTIC ³							
		Goods							
		Total	Net tourism	Total	Total	Durable goods	Semi- durable goods	Non- durable goods	Services
COICOP ¹					D	SD	ND	S	
	ABJQ	ABTF	ZAKV	UTIF	UTIB	UTIR	UTIJ	UTIN	
2013	1 098 735	7 002	1 091 733	468 300	97 933	111 460	258 907	623 433	
2014	1 143 919	6 520	1 137 399	479 405	105 657	115 427	258 321	657 994	
2015	1 181 868	8 083	1 173 785	489 142	112 667	121 128	255 347	684 643	
2016	1 233 323	14 090	1 219 233	503 588	119 242	126 848	257 498	715 645	
Seasonally adjusted									
2014 Q1	281 760	1 877	279 883	118 697	26 092	28 010	64 595	161 186	
Q2	284 105	1 399	282 706	119 299	26 032	28 969	64 298	163 407	
Q3	289 277	1 312	287 965	120 791	26 518	29 194	65 079	167 174	
Q4	288 777	1 932	286 845	120 618	27 015	29 254	64 349	166 227	
2015 Q1	291 252	2 070	289 182	120 705	27 289	29 500	63 916	168 477	
Q2	293 798	1 703	292 095	122 138	27 891	30 220	64 027	169 957	
Q3	296 915	2 368	294 547	123 264	28 516	30 502	64 246	171 283	
Q4	299 903	1 942	297 961	123 035	28 971	30 906	63 158	174 926	
2016 Q1	302 840	2 868	299 972	124 650	29 770	31 339	63 541	175 322	
Q2	306 960	3 475	303 485	125 528	29 715	31 475	64 338	177 957	
Q3	309 674	3 985	305 689	125 274	29 731	31 624	63 919	180 415	
Q4	313 849	3 762	310 087	128 136	30 026	32 410	65 700	181 951	
2017 Q1	317 305	3 398	313 907	129 767	31 288	32 865	65 614	184 140	
Q2	318 852	3 144	315 708	129 090	29 909	33 421	65 760	186 618	
Percentage change, latest year on previous year									
	KG Y7		KG 6U	KHC9	KHB5	KHH5	KHE5	KHF9	
2013	4.3		4.4	4.2	4.8	3.8	4.1	4.6	
2014	4.1		4.2	2.4	7.9	3.6	-0.2	5.5	
2015	3.3		3.2	2.0	6.6	4.9	-1.2	4.1	
2016	4.4		3.9	3.0	5.8	4.7	0.8	4.5	
Percentage change, quarter on previous quarter									
	KG Y8		KG 74	KHD2	KHB6	KHH6	KHE6	KHG2	
2014 Q1	1.2		1.2	0.5	4.5	-0.7	-0.5	1.8	
Q2	0.8		1.0	0.5	-0.2	3.4	-0.5	1.4	
Q3	1.8		1.9	1.3	1.9	0.8	1.2	2.3	
Q4	-0.2		-0.4	-0.1	1.9	0.2	-1.1	-0.6	
2015 Q1	0.9		0.8	0.1	1.0	0.8	-0.7	1.4	
Q2	0.9		1.0	1.2	2.2	2.4	0.2	0.9	
Q3	1.1		0.8	0.9	2.2	0.9	0.3	0.8	
Q4	1.0		1.2	-0.2	1.6	1.3	-1.7	2.1	
2016 Q1	1.0		0.7	1.3	2.8	1.4	0.6	0.2	
Q2	1.4		1.2	0.7	-0.2	0.4	1.3	1.5	
Q3	0.9		0.7	-0.2	0.1	0.5	-0.7	1.4	
Q4	1.3		1.4	2.3	1.0	2.5	2.8	0.9	
2017 Q1	1.1		1.2	1.3	4.2	1.4	-0.1	1.2	
Q2	0.5		0.6	-0.5	-4.4	1.7	0.2	1.3	
Percentage change, quarter on corresponding quarter of previous year									
	KG Y9		KG 7C	KHD3	KHB7	KHH7	KHE7	KHG3	
2014 Q1	3.9		3.8	2.1	10.7	1.4	-0.7	5.1	
Q2	4.2		4.4	2.5	6.9	4.7	-0.1	5.8	
Q3	4.6		4.8	2.8	5.9	4.5	0.8	6.4	
Q4	3.8		3.8	2.1	8.2	3.7	-0.9	5.0	
2015 Q1	3.4		3.3	1.7	4.6	5.3	-1.1	4.5	
Q2	3.4		3.3	2.4	7.1	4.3	-0.4	4.0	
Q3	2.6		2.3	2.0	7.5	4.5	-1.3	2.5	
Q4	3.9		3.9	2.0	7.2	5.6	-1.9	5.2	
2016 Q1	4.0		3.7	3.3	9.1	6.2	-0.6	4.1	
Q2	4.5		3.9	2.8	6.5	4.2	0.5	4.7	
Q3	4.3		3.8	1.6	4.3	3.7	-0.5	5.3	
Q4	4.7		4.1	4.1	3.6	4.9	4.0	4.0	
2017 Q1	4.8		4.6	4.1	5.1	4.9	3.3	5.0	
Q2	3.9		4.0	2.8	0.7	6.2	2.2	4.9	

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 2015, £ 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
	01	02	03	04	05	06	07	08	09	10	11	12			
	ABJR	ABTH	ZAKW	ZWUN	ZAKY	ZALA	ZAVO	ZAVW	ZAWC	ZAWM	ZAWW	ZAXA	ZWUT	ZAXS	ZAYG
2013	1 126 255	1 197	1 125 788	93 632	44 736	58 566	316 818	49 313	19 448	147 058	21 730	103 504	21 220	107 794	142 756
2014	1 150 513	3 314	1 147 539	95 212	43 862	61 995	315 618	51 693	19 584	154 088	21 273	105 488	20 429	109 377	149 184
2015	1 181 868	8 083	1 173 785	97 641	43 227	65 064	319 589	54 861	20 736	158 418	22 455	110 860	20 233	110 372	150 329
2016	1 216 008	11 003	1 205 005	100 887	42 422	67 750	322 668	58 816	21 800	161 822	23 407	115 678	20 671	113 444	155 640
Seasonally adjusted															
2014 Q1	285 196	868	284 433	23 619	11 085	15 043	78 735	12 610	5 026	37 744	5 274	26 081	5 154	27 446	36 738
Q2	286 168	625	285 638	23 640	10 930	15 605	78 795	12 723	4 908	38 590	5 241	25 983	5 168	27 596	36 522
Q3	289 930	632	289 367	23 998	10 986	15 609	79 180	13 025	4 811	38 908	5 336	26 700	5 210	27 202	38 496
Q4	289 219	1 189	288 101	23 955	10 861	15 738	78 908	13 335	4 839	38 846	5 422	26 724	4 897	27 133	37 428
2015 Q1	292 140	1 639	290 576	24 027	10 815	15 803	79 958	13 481	4 917	38 887	5 498	27 059	4 983	27 282	37 871
Q2	294 126	1 487	292 625	24 310	10 802	16 273	79 960	13 637	5 151	39 481	5 596	27 664	5 053	27 500	37 180
Q3	297 203	2 970	294 150	24 551	10 800	16 404	80 280	13 646	5 170	39 889	5 628	27 944	5 089	27 684	37 060
Q4	298 399	1 987	296 434	24 753	10 810	16 584	79 391	14 097	5 498	40 161	5 733	28 193	5 108	27 906	38 218
2016 Q1	300 693	2 524	298 169	25 008	10 603	16 751	80 400	14 213	5 441	40 062	5 792	28 601	5 193	27 995	38 110
Q2	303 532	2 923	300 609	25 128	10 826	16 747	80 792	14 655	5 439	40 534	5 820	28 816	5 221	28 315	38 316
Q3	305 258	3 345	301 913	25 305	10 549	16 937	80 116	14 899	5 419	40 532	5 890	28 995	5 206	28 372	39 693
Q4	306 525	2 211	304 314	25 446	10 444	17 315	81 360	15 049	5 501	40 694	5 905	29 266	5 051	28 762	39 521
2017 Q1	307 605	2 062	305 543	25 637	10 122	17 277	80 888	15 118	5 656	40 978	5 930	29 474	5 073	28 777	40 613
Q2	308 283	1 910	306 373	25 729	9 951	17 361	80 905	15 401	5 616	39 867	5 990	29 854	5 097	28 872	41 730
Percentage change, latest year on previous year															
	KGZ5	KG7O	KG9Y	KGf6	KGG4	KGH2	KGH8	KGi9	KGJ7	KGK5	KGL3	KGB8	KGD4	KGE8	
2013	1.9	2.1	1.6	-1.5	3.1	1.9	3.3	12.2	3.2	3.5	-	-3.9	2.9	2.5	
2014	2.2	1.9	1.7	-2.0	5.9	-0.4	4.8	0.7	4.8	-2.1	1.9	-3.7	1.5	4.5	
2015	2.7	2.3	2.6	-1.4	5.0	1.3	6.1	5.9	2.8	5.6	5.1	-1.0	0.9	0.8	
2016	2.9	2.7	3.3	-1.9	4.1	1.0	7.2	5.1	2.1	4.2	4.3	2.2	2.8	3.5	
Percentage change, quarter on previous quarter															
	KGZ6	KG7R	KGA3	KGf7	KGG5	KGH3	KGH9	KGJ2	KGJ8	KGK6	KGL4	KGB9	KGD5	KGE9	
2014 Q1	0.6	0.5	0.2	0.7	0.9	-0.4	1.1	-2.0	2.7	-3.8	0.1	-0.8	1.5	0.4	
Q2	0.3	0.4	0.1	-1.4	3.7	0.1	0.9	-2.3	2.2	-0.6	-0.4	0.3	0.5	-0.6	
Q3	1.3	1.3	1.5	0.5	-	0.5	2.4	-2.0	0.8	1.8	2.8	0.8	-1.4	5.4	
Q4	-0.2	-0.4	-0.2	-1.1	0.8	-0.3	2.4	0.6	-0.2	1.6	0.1	-6.0	-0.3	-2.8	
2015 Q1	1.0	0.9	0.3	-0.4	0.4	1.3	1.1	1.6	0.1	1.4	1.3	1.8	0.5	1.2	
Q2	0.7	0.7	1.2	-0.1	3.0	-	1.2	4.8	1.5	1.8	2.2	1.4	0.8	-1.8	
Q3	1.0	0.5	1.0	-	0.8	0.4	0.1	0.4	1.0	0.6	1.0	0.7	0.7	-0.3	
Q4	0.4	0.8	0.8	0.1	1.1	-1.1	3.3	6.3	0.7	1.9	0.9	0.4	0.8	3.1	
2016 Q1	0.8	0.6	1.0	-1.9	1.0	1.3	0.8	-1.0	-0.2	1.0	1.4	1.7	0.3	-0.3	
Q2	0.9	0.8	0.5	2.1	-	0.5	3.1	-	1.2	0.5	0.8	0.5	1.1	0.5	
Q3	0.6	0.4	0.7	-2.6	1.1	-0.8	1.7	-0.4	-	1.2	0.6	-0.3	0.2	3.6	
Q4	0.4	0.8	0.6	-1.0	2.2	1.6	1.0	1.5	0.4	0.3	0.9	-3.0	1.4	-0.4	
2017 Q1	0.4	0.4	0.8	-3.1	-0.2	-0.6	0.5	2.8	0.7	0.4	0.7	0.4	0.1	2.8	
Q2	0.2	0.3	0.4	-1.7	0.5	-	1.9	-0.7	-2.7	1.0	1.3	0.5	0.3	2.8	
Percentage change, quarter on corresponding quarter of previous year															
	KGZ7	KG7U	KGA6	KGf8	KGG6	KGH4	KGi2	KGJ3	KGJ9	KGK7	KGL5	KGC2	KGD6	KGf2	
2014 Q1	1.8	1.5	0.8	-3.4	3.1	-0.8	3.8	8.3	5.0	-3.0	1.8	-4.1	2.3	3.1	
Q2	2.1	2.0	1.8	-0.5	8.7	-1.1	3.2	4.3	4.6	-3.2	0.8	-3.4	2.9	4.9	
Q3	2.7	2.5	2.5	-2.5	6.1	0.5	5.3	-3.3	3.9	-1.1	2.5	-1.8	0.3	7.8	
Q4	2.0	1.8	1.7	-1.4	5.6	-0.2	7.0	-5.6	5.7	-1.1	2.6	-5.7	0.4	2.3	
2015 Q1	2.4	2.2	1.7	-2.4	5.1	1.6	6.9	-2.2	3.0	4.2	3.7	-3.3	-0.6	3.1	
Q2	2.8	2.4	2.8	-1.2	4.3	1.5	7.2	5.0	2.3	6.8	6.5	-2.2	-0.3	1.8	
Q3	2.5	1.7	2.3	-1.7	5.1	1.4	4.8	7.5	2.5	5.5	4.7	-2.3	1.8	-3.7	
Q4	3.2	2.9	3.3	-0.5	5.4	0.6	5.7	13.6	3.4	5.7	5.5	4.3	2.8	2.1	
2016 Q1	2.9	2.6	4.1	-2.0	6.0	0.6	5.4	10.7	3.0	5.3	5.7	4.2	2.6	0.6	
Q2	3.2	2.7	3.4	0.2	2.9	1.0	7.5	5.6	2.7	4.0	4.2	3.3	3.0	3.1	
Q3	2.7	2.6	3.1	-2.3	3.2	-0.2	9.2	4.8	1.6	4.7	3.8	2.3	2.5	7.1	
Q4	2.7	2.7	2.8	-3.4	4.4	2.5	6.8	0.1	1.3	3.0	3.8	-1.1	3.1	3.4	
2017 Q1	2.3	2.5	2.5	-4.5	3.1	0.6	6.4	4.0	2.3	2.4	3.1	-2.3	2.8	6.6	
Q2	1.6	1.9	2.4	-8.1	3.7	0.1	5.1	3.3	-1.6	2.9	3.6	-2.4	2.0	8.9	

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.
4 A misallocation between COICOPs was identified late in production, affecting 2015 data only. Approximately £80m per quarter (in both CP and CVM) should be reallocated from COICOP 04.3.2 to COICOP 12.7. This does not affect top level HHFC or GDP and will be reallocated in Blue Book 2018, the next time 2015 will be open to revision.

E4 Household final consumption expenditure (goods and services)

Chained volume measures

Reference year 2015, £ million

		UK NATIONAL ²							
		UK DOMESTIC ³							
		Goods							
		Total	Net tourism	Total	Total	Durable goods	Semi- durable goods	Non- durable goods	Services
COICOP ¹					D	SD	ND	S	
	ABJR	ABTH	ZAKW	UTIH	UTID	UTIT	UTIL	UTIP	
2013	1 126 255	1 197	1 125 788	461 792	96 593	111 700	253 344	664 350	
2014	1 150 513	3 314	1 147 539	470 889	104 076	115 164	251 565	676 997	
2015	1 181 868	8 083	1 173 785	489 142	112 667	121 128	255 347	684 643	
2016	1 216 008	11 003	1 205 005	506 651	119 076	127 415	260 160	698 354	
Seasonally adjusted									
2014 Q1	285 196	868	284 433	116 173	25 455	28 090	62 586	168 391	
Q2	286 168	625	285 638	116 966	25 650	28 758	62 538	168 778	
Q3	289 930	632	289 367	118 512	26 105	29 092	63 301	170 960	
Q4	289 219	1 189	288 101	119 238	26 866	29 224	63 140	168 868	
2015 Q1	292 140	1 639	290 576	120 372	27 280	29 457	63 626	170 208	
Q2	294 126	1 487	292 625	121 999	28 029	30 247	63 725	170 607	
Q3	297 203	2 970	294 150	123 186	28 438	30 506	64 242	170 941	
Q4	298 399	1 987	296 434	123 585	28 920	30 918	63 754	172 887	
2016 Q1	300 693	2 524	298 169	125 238	29 554	31 408	64 276	172 931	
Q2	303 532	2 923	300 609	126 663	29 693	31 659	65 311	173 946	
Q3	305 258	3 345	301 913	126 308	29 866	31 843	64 599	175 605	
Q4	306 525	2 211	304 314	128 442	29 963	32 505	65 974	175 872	
2017 Q1	307 605	2 062	305 543	127 955	30 523	32 767	64 665	177 588	
Q2	308 283	1 910	306 373	127 169	29 097	33 168	64 904	179 204	
Percentage change, year on previous year									
	KGZ5		KG7O	KHD7	KHC3	KHI3	KHF3	KHG7	
2013	1.9		2.1	2.7	6.2	2.9	1.3	1.7	
2014	2.2		1.9	2.0	7.7	3.1	-0.7	1.9	
2015	2.7		2.3	3.9	8.3	5.2	1.5	1.1	
2016	2.9		2.7	3.6	5.7	5.2	1.9	2.0	
Percentage change, quarter on previous quarter									
	KGZ6		KG7R	KHD8	KHC4	KHI4	KHF4	KHG8	
2014 Q1	0.6		0.5	-	2.6	-0.2	-0.8	0.8	
Q2	0.3		0.4	0.7	0.8	2.4	-0.1	0.2	
Q3	1.3		1.3	1.3	1.8	1.2	1.2	1.3	
Q4	-0.2		-0.4	0.6	2.9	0.5	-0.3	-1.2	
2015 Q1	1.0		0.9	1.0	1.5	0.8	0.8	0.8	
Q2	0.7		0.7	1.4	2.7	2.7	0.2	0.2	
Q3	1.0		0.5	1.0	1.5	0.9	0.8	0.2	
Q4	0.4		0.8	0.3	1.7	1.4	-0.8	1.1	
2016 Q1	0.8		0.6	1.3	2.2	1.6	0.8	-	
Q2	0.9		0.8	1.1	0.5	0.8	1.6	0.6	
Q3	0.6		0.4	-0.3	0.6	0.6	-1.1	1.0	
Q4	0.4		0.8	1.7	0.3	2.1	2.1	0.2	
2017 Q1	0.4		0.4	-0.4	1.9	0.8	-2.0	1.0	
Q2	0.2		0.3	-0.6	-4.7	1.2	0.4	0.9	
Percentage change, quarter on corresponding quarter of previous year									
	KGZ7		KG7U	KHD9	KHC5	KHI5	KHF5	KHG9	
2014 Q1	1.8		1.5	1.2	11.2	1.0	-2.3	1.7	
Q2	2.1		2.0	1.6	6.4	3.8	-1.1	2.2	
Q3	2.7		2.5	2.4	5.4	3.9	0.6	2.5	
Q4	2.0		1.8	2.7	8.2	3.8	-	1.1	
2015 Q1	2.4		2.2	3.6	7.2	4.9	1.7	1.1	
Q2	2.8		2.4	4.3	9.3	5.2	1.9	1.1	
Q3	2.5		1.7	3.9	8.9	4.9	1.5	-	
Q4	3.2		2.9	3.6	7.6	5.8	1.0	2.4	
2016 Q1	2.9		2.6	4.0	8.3	6.6	1.0	1.6	
Q2	3.2		2.7	3.8	5.9	4.7	2.5	2.0	
Q3	2.7		2.6	2.5	5.0	4.4	0.6	2.7	
Q4	2.7		2.7	3.9	3.6	5.1	3.5	1.7	
2017 Q1	2.3		2.5	2.2	3.3	4.3	0.6	2.7	
Q2	1.6		1.9	0.4	-2.0	4.8	-0.6	3.0	

1 ESA 10 Classification of Individual Consumption by Purpose.

2 Final consumption expenditure by UK households in the UK & abroad.

3 Final consumption expenditure in the UK by UK & foreign households.

F Gross fixed capital formation by sector and type of asset

Chained volume measures

Reference year 2015, £ million

	Analysis by sector								Analysis by asset						Total
	Public corporations ²				Private Sector				Transport equipment	Other machinery and equipment	Dwellings ³	Other buildings and structures ⁴	Intellectual and Property Products		
	Business investment ¹	General government	Dwellings ³	non-produced assets	Dwellings ³	non-produced assets	Costs of transfer of ownership of non-produced assets	Costs of transfer of ownership of non-produced assets							
2013	164 847	47 637	6 492	535	51 886	13 292	284 562	11 234	52 792	58 376	100 667	61 824	284 562		
2014	173 239	51 747	7 623	663	56 234	15 237	304 735	16 313	58 896	63 861	103 714	61 951	304 735		
2015	179 697	50 287	7 524	687	59 977	15 018	313 189	21 977	57 566	67 501	105 969	60 176	313 189		
2016	178 951	51 020	7 575	720	62 516	16 604	317 386	26 508	54 122	70 143	106 163	60 450	317 386		
Seasonally adjusted															
2014 Q1	42 243	13 487	1 685	156	13 943	3 622	75 110	3 291	13 899	15 627	26 671	15 681	75 110		
Q2	43 943	12 341	1 936	172	13 732	3 958	76 107	4 134	15 018	15 669	25 856	15 426	76 107		
Q3	43 697	12 921	1 981	168	14 319	3 886	76 974	4 491	15 119	16 302	25 741	15 292	76 974		
Q4	43 356	12 998	2 021	167	14 240	3 771	76 544	4 397	14 860	16 263	25 446	15 552	76 544		
2015 Q1	45 624	12 887	2 100	173	14 396	3 531	78 709	6 291	14 222	16 496	26 932	14 733	78 709		
Q2	45 685	13 159	1 821	164	15 314	3 658	79 802	5 467	15 012	17 135	26 780	15 427	79 802		
Q3	44 175	12 339	1 834	173	14 996	3 777	77 293	4 948	14 129	16 830	26 320	15 076	77 293		
Q4	44 213	11 902	1 769	177	15 271	4 052	77 385	5 271	14 203	17 040	25 937	15 076	77 385		
2016 Q1	44 151	11 726	1 761	164	15 615	4 404	77 821	6 062	13 355	17 385	25 939	15 080	77 821		
Q2	44 540	12 970	2 047	207	15 629	3 922	79 315	6 466	13 883	17 689	26 151	15 126	79 315		
Q3	45 163	13 268	1 868	168	15 505	3 995	79 967	7 238	13 468	17 388	26 771	15 102	79 967		
Q4	45 097	13 056	1 899	181	15 767	4 283	80 283	6 742	13 416	17 681	27 302	15 142	80 283		
2017 Q1	45 437	12 416	1 931	154	16 292	4 485	80 715	6 497	12 854	18 240	28 022	15 102	80 715		
Q2	45 661	13 178	1 929	232	15 996	4 187	81 183	6 398	13 890	17 941	27 850	15 104	81 183		
Percentage change, latest year on previous year															
	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N		
2013	3.0	-3.5	-5.8	15.8	8.6	23.7	3.4	8.7	1.3	6.6	2.1	3.2	3.4		
2014	5.1	8.6	17.4	23.9	8.4	14.6	7.1	45.2	11.6	9.4	3.0	0.2	7.1		
2015	3.7	-2.8	-1.3	3.6	6.7	-1.4	2.8	34.7	-2.3	5.7	2.2	-2.9	2.8		
2016	-0.4	1.5	0.7	4.8	4.2	10.6	1.3	20.6	-6.0	3.9	0.2	0.5	1.3		
Percentage change, latest quarter on previous quarter															
	KG7P	KH9C	L64U	L64X	L655	L652	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q		
2014 Q1	0.2	7.7	5.4	6.8	3.6	-1.9	2.1	-1.1	2.3	3.8	2.2	1.0	2.1		
Q2	4.0	-8.5	14.9	10.3	-1.5	9.3	1.3	25.6	8.1	0.3	-3.1	-1.6	1.3		
Q3	-0.6	4.7	2.3	-2.3	4.3	-1.8	1.1	8.6	0.7	4.0	-0.4	-0.9	1.1		
Q4	-0.8	0.6	2.0	-0.6	-0.6	-3.0	-0.6	-2.1	-1.7	-0.2	-1.1	1.7	-0.6		
2015 Q1	5.2	-0.9	3.9	3.6	1.1	-6.4	2.8	43.1	-4.3	1.4	5.8	-5.3	2.8		
Q2	0.1	2.1	-13.3	-5.2	6.4	3.6	1.4	-13.1	5.6	3.9	-0.6	4.7	1.4		
Q3	-3.3	-6.2	0.7	5.5	-2.1	3.3	-3.1	-9.5	-5.9	-1.8	-1.7	-2.3	-3.1		
Q4	0.1	-3.5	-3.5	2.3	1.8	7.3	0.1	6.5	0.5	1.2	-1.5	-0.9	0.1		
2016 Q1	-0.1	-1.5	-0.5	-7.3	2.3	8.7	0.6	15.0	-6.0	2.0	-	0.9	0.6		
Q2	0.9	10.6	16.2	26.2	0.1	-10.9	1.9	6.7	4.0	1.7	0.8	0.3	1.9		
Q3	1.4	2.3	-8.7	-18.8	-0.8	1.9	0.8	11.9	-3.0	-1.7	2.4	-0.2	0.8		
Q4	-0.1	-1.6	1.7	7.7	1.7	7.2	0.4	-6.9	-0.4	1.7	2.0	0.3	0.4		
2017 Q1	0.8	-4.9	1.7	-14.9	3.3	4.7	0.5	-3.6	-4.2	3.2	2.6	-0.3	0.5		
Q2	0.5	6.1	-0.1	50.6	-1.8	-6.6	0.6	-1.5	8.1	-1.6	-0.6	-	0.6		
Percentage change, latest quarter on corresponding quarter of previous year															
	KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T		
2014 Q1	5.1	28.8	4.5	21.9	15.5	18.6	11.2	56.3	2.2	14.2	16.3	2.5	11.2		
Q2	9.7	-0.1	16.3	35.4	5.0	26.9	8.3	76.8	24.2	6.2	0.4	-0.6	8.3		
Q3	3.0	5.1	22.5	25.4	7.8	13.5	5.2	29.7	11.9	9.5	-0.5	-1.2	5.2		
Q4	2.8	3.8	26.4	14.4	5.8	2.1	4.1	32.1	9.3	8.1	-2.5	0.2	4.1		
2015 Q1	8.0	-4.4	24.6	10.9	3.2	-2.5	4.8	91.2	2.3	5.6	1.0	-6.0	4.8		
Q2	4.0	6.6	-5.9	-4.7	11.5	-7.6	4.9	32.2	-	9.4	3.6	-	4.9		
Q3	1.1	-4.5	-7.4	3.0	4.7	-2.8	0.4	10.2	-6.5	3.2	2.2	-1.4	0.4		
Q4	2.0	-8.4	-12.5	6.0	7.2	7.5	1.1	19.9	-4.4	4.8	1.9	-3.9	1.1		
2016 Q1	-3.2	-9.0	-16.1	-5.2	8.5	24.7	-1.1	-3.6	-6.1	5.4	-3.7	2.4	-1.1		
Q2	-2.5	-1.4	12.4	26.2	2.1	7.2	-0.6	18.3	-7.5	3.2	-2.3	-2.0	-0.6		
Q3	2.2	7.5	1.9	-2.9	3.4	5.8	3.5	46.3	-4.7	3.3	1.7	0.2	3.5		
Q4	2.0	9.7	7.3	2.3	3.2	5.7	3.7	27.9	-5.5	3.8	5.3	1.4	3.7		
2017 Q1	2.9	5.9	9.7	-6.1	4.3	1.8	3.7	7.2	-3.8	4.9	8.0	0.1	3.7		
Q2	2.5	1.6	-5.8	12.1	2.3	6.8	2.4	-1.1	0.1	1.4	6.5	-0.1	2.4		

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 2015, £ million

	Manufacturing industries					Electricity, gas and water supply	Distributive trades			Changes in inventories ³
	Mining and quarrying	Materials and fuel	Work in progress	Finished goods	Total		Wholesale ²	Retail ²	Other industries	
Level of inventories held at end-December⁴ 2015	2 475	20 693	17 824	20 062	58 579	4 019	39 626	41 006	75 514	221 219
	FAEA	FBNF	FBNG	FBNH	DHBM	FAEB	FAJX	FBYN	DLWX	CAFU
2013	44	796	-29	-557	211	-158	161	749	1 013	2 028
2014	1 046	-61	1 146	1 442	2 527	-584	2 166	2 844	-3 156	5 548
2015	480	982	207	255	1 444	-437	1 585	1 708	3 032	7 812
2016	-1 887	-621	-39	-2 516	-3 176	-425	420	-1 699	10 240	3 473
Seasonally adjusted										
2014 Q1	162	-17	691	162	837	107	5 513	938	-12 121	-4 151
Q2	44	7	352	417	775	145	1 179	558	-3 143	-437
Q3	226	125	264	261	651	85	-1 388	344	3 242	3 149
Q4	614	-176	-161	602	264	-921	-3 138	1 004	8 866	6 987
2015 Q1	136	530	244	1 726	2 500	-80	1 851	2 002	2 846	9 385
Q2	-271	760	-222	-520	17	-385	-1 815	431	-1 828	-4 126
Q3	531	-98	251	-196	-45	-284	1 323	424	-3 300	-1 205
Q4	84	-210	-66	-755	-1 028	312	226	-1 149	5 314	3 758
2016 Q1	119	-585	13	-277	-848	39	137	-774	4 561	3 234
Q2	-1 094	-783	-376	-372	-1 531	119	163	-441	2 861	77
Q3	-243	1 051	-180	-842	27	-482	-618	-407	2 938	1 215
Q4	-669	-304	504	-1 025	-824	-101	738	-77	-120	-1 053
2017 Q1	126	1 634	21	-326	1 329	450	1 378	-1 317	-2 608	-642
Q2	282	-400	524	-238	-114	-623	63	-292	-1 426	-2 110

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

2 Wholesaling and retailing estimates exclude the motor trades.

3 Quarterly alignment adjustment included in this series.

4 These are values of physical stock levels in reference year (2013) prices.

H1 Exports and imports of goods and services

Current market prices

£ million

	Exports			Imports			Balance		
	Goods	Services	Total	Goods	Services	Total	Goods	Services	Total ¹
	BOKG	IKBB	IKBH	BOKH	IKBC	IKBI	BOKI	IKBD	IKBJ
2013	302 169	217 744	519 913	421 952	133 328	555 280	-119 783	84 416	-35 367
2014	297 306	221 619	518 925	420 428	135 328	555 756	-123 122	86 291	-36 831
2015	288 770	228 391	517 161	407 396	142 135	549 531	-118 626	86 256	-32 370
2016	302 067	245 406	547 473	437 458	153 028	590 486	-135 391	92 378	-43 013
Seasonally adjusted									
2014 Q1	74 833	52 188	127 021	103 243	35 188	138 431	-28 410	17 000	-11 410
Q2	74 832	56 686	131 518	104 176	33 284	137 460	-29 344	23 402	-5 942
Q3	73 058	55 225	128 283	104 580	33 542	138 122	-31 522	21 683	-9 839
Q4	74 583	57 520	132 103	108 429	33 314	141 743	-33 846	24 206	-9 640
2015 Q1	72 159	57 460	129 619	105 371	34 321	139 692	-33 212	23 139	-10 073
Q2	74 490	56 234	130 724	101 312	35 232	136 544	-26 822	21 002	-5 820
Q3	71 012	56 255	127 267	99 802	35 691	135 493	-28 790	20 564	-8 226
Q4	71 109	58 442	129 551	100 911	36 891	137 802	-29 802	21 551	-8 251
2016 Q1	69 969	58 394	128 363	102 005	36 921	138 926	-32 036	21 473	-10 563
Q2	74 898	59 958	134 856	105 593	37 751	143 344	-30 695	22 207	-8 488
Q3	74 943	61 819	136 762	114 560	38 836	153 396	-39 617	22 983	-16 634
Q4	82 257	65 235	147 492	115 300	39 520	154 820	-33 043	25 715	-7 328
2017 Q1	83 533	65 848	149 381	117 565	40 720	158 285	-34 032	25 128	-8 904
Q2	86 412	66 229	152 641	118 136	41 012	159 148	-31 724	25 217	-6 507
Percentage change, latest year on previous year									
	KG9K	KH35	KH2O	KG9L	KH3W	KH3H			
2013	0.2	9.2	3.8	2.8	7.4	3.9			
2014	-1.6	1.8	-0.2	-0.4	1.5	0.1			
2015	-2.9	3.1	-0.3	-3.1	5.0	-1.1			
2016	4.6	7.4	5.9	7.4	7.7	7.5			
Percentage change, latest quarter on previous quarter									
	KG9O	KH36	KH2P	KG9P	KH3X	KH3I			
2014 Q1	2.5	-3.0	0.2	-3.0	3.0	-1.5			
Q2	-	8.6	3.5	0.9	-5.4	-0.7			
Q3	-2.4	-2.6	-2.5	0.4	0.8	0.5			
Q4	2.1	4.2	3.0	3.7	-0.7	2.6			
2015 Q1	-3.3	-0.1	-1.9	-2.8	3.0	-1.4			
Q2	3.2	-2.1	0.9	-3.9	2.7	-2.3			
Q3	-4.7	-	-2.6	-1.5	1.3	-0.8			
Q4	0.1	3.9	1.8	1.1	3.4	1.7			
2016 Q1	-1.6	-0.1	-0.9	1.1	0.1	0.8			
Q2	7.0	2.7	5.1	3.5	2.2	3.2			
Q3	0.1	3.1	1.4	8.5	2.9	7.0			
Q4	9.8	5.5	7.8	0.6	1.8	0.9			
2017 Q1	1.6	0.9	1.3	2.0	3.0	2.2			
Q2	3.4	0.6	2.2	0.5	0.7	0.5			
Percentage change, latest quarter on corresponding quarter of previous year									
	KG9S	KH37	KH2Q	KG9T	KH3Y	KH3J			
2014 Q1	-0.1	-5.0	-2.2	0.2	12.3	3.0			
Q2	-3.8	3.5	-0.8	-2.0	-2.5	-2.1			
Q3	-4.5	1.9	-1.8	-1.5	-0.4	-1.2			
Q4	2.2	6.9	4.2	1.9	-2.5	0.8			
2015 Q1	-3.6	10.1	2.0	2.1	-2.5	0.9			
Q2	-0.5	-0.8	-0.6	-2.7	5.9	-0.7			
Q3	-2.8	1.9	-0.8	-4.6	6.4	-1.9			
Q4	-4.7	1.6	-1.9	-6.9	10.7	-2.8			
2016 Q1	-3.0	1.6	-1.0	-3.2	7.6	-0.5			
Q2	0.5	6.6	3.2	4.2	7.1	5.0			
Q3	5.5	9.9	7.5	14.8	8.8	13.2			
Q4	15.7	11.6	13.8	14.3	7.1	12.3			
2017 Q1	19.4	12.8	16.4	15.3	10.3	13.9			
Q2	15.4	10.5	13.2	11.9	8.6	11.0			

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 2015, £ million

	Exports			Imports			Balance
	Goods	Services	Total	Goods	Services	Total	Total ¹
	BQKQ	IKBE	IKBK	BQKO	IKBF	IKBL	IKBM
2013	264 112	216 214	479 919	375 286	125 011	500 450	-20 531
2014	272 872	219 969	492 660	391 959	130 680	522 796	-30 136
2015	288 770	228 391	517 161	407 396	142 135	549 531	-32 370
2016	286 237	236 499	522 736	426 168	146 767	572 935	-50 199
Seasonally adjusted							
2014 Q1	67 241	51 809	119 233	94 456	33 843	128 294	-9 061
Q2	67 771	56 170	123 818	96 267	31 947	128 351	-4 533
Q3	67 171	55 102	122 146	97 965	32 556	130 568	-8 422
Q4	70 689	56 888	127 463	103 271	32 334	135 583	-8 120
2015 Q1	70 165	57 476	127 450	103 267	33 970	137 349	-9 899
Q2	73 304	56 722	129 988	99 613	35 693	135 244	-5 256
Q3	72 077	56 566	128 669	100 835	35 517	136 303	-7 634
Q4	73 224	57 627	131 054	103 681	36 955	140 635	-9 581
2016 Q1 ²	70 505	57 352	127 861	103 496	37 062	140 558	-12 697
Q2 ²	72 678	58 339	131 017	104 593	37 104	141 697	-10 680
Q3 ²	69 116	59 356	128 470	109 710	36 177	145 887	-17 417
Q4 ²	73 938	61 452	135 388	108 369	36 424	144 793	-9 405
2017 Q1	75 062	59 972	135 033	109 446	36 848	146 294	-11 261
Q2	78 094	59 285	137 378	109 890	36 689	146 579	-9 201
Percentage change, latest year on previous year							
	KG9X	KH3B	KH2U	KG9W	KH44	KH3N	
2013	-1.0	3.7	0.8	2.7	4.8	3.1	
2014	3.3	1.7	2.7	4.4	4.5	4.5	
2015	5.8	3.8	5.0	3.9	8.8	5.1	
2016	-0.9	3.6	1.1	4.6	3.3	4.3	
Percentage change, latest quarter on previous quarter							
	KGA2	KH3C	KH2V	KG9Z	KH45	KH3O	
2014 Q1	3.6	-3.3	0.7	-2.3	4.9	-0.5	
Q2	0.8	8.4	3.8	1.9	-5.6	-	
Q3	-0.9	-1.9	-1.4	1.8	1.9	1.7	
Q4	5.2	3.2	4.4	5.4	-0.7	3.8	
2015 Q1	-0.7	1.0	-	-	5.1	1.3	
Q2	4.5	-1.3	2.0	-3.5	5.1	-1.5	
Q3	-1.7	-0.3	-1.0	1.2	-0.5	0.8	
Q4	1.6	1.9	1.9	2.8	4.0	3.2	
2016 Q1	-3.7	-0.5	-2.4	-0.2	0.3	-0.1	
Q2	3.1	1.7	2.5	1.1	0.1	0.8	
Q3	-4.9	1.7	-1.9	4.9	-2.5	3.0	
Q4	7.0	3.5	5.4	-1.2	0.7	-0.7	
2017 Q1	1.5	-2.4	-0.3	1.0	1.2	1.0	
Q2	4.0	-1.1	1.7	0.4	-0.4	0.2	
Percentage change, latest quarter on corresponding quarter of previous year							
	KGA5	KH3D	KH2W	KGA4	KH46	KH3P	
2014 Q1	3.5	-4.7	0.1	4.9	15.5	7.4	
Q2	-0.2	2.5	0.9	2.3	0.2	1.9	
Q3	1.3	3.2	2.0	3.7	3.1	3.5	
Q4	8.9	6.1	7.7	6.8	0.3	5.1	
2015 Q1	4.3	10.9	6.9	9.3	0.4	7.1	
Q2	8.2	1.0	5.0	3.5	11.7	5.4	
Q3	7.3	2.7	5.3	2.9	9.1	4.4	
Q4	3.6	1.3	2.8	0.4	14.3	3.7	
2016 Q1	0.5	-0.2	0.3	0.2	9.1	2.3	
Q2	-0.9	2.9	0.8	5.0	4.0	4.8	
Q3	-4.1	4.9	-0.2	8.8	1.9	7.0	
Q4	1.0	6.6	3.3	4.5	-1.4	3.0	
2017 Q1	6.5	4.6	5.6	5.7	-0.6	4.1	
Q2	7.5	1.6	4.9	5.1	-1.1	3.4	

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

2 There is a very small discrepancy between components and totals in this table in the quarters of 2016. This will be resolved when this data is next open for revision in the December Quarterly National Accounts publication.

Gross value added at basic prices: individual measures

	£ million				Index numbers (2015 = 100) ³				
	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
2013	1 588 004	1 564 430	1 564 430	–	92.8	92.8	94.2	94.2	94.2
2014	1 644 002	1 638 722	1 638 722	–	97.3	97.3	97.6	97.6	97.6
2015	1 684 937	1 684 937	1 684 937	–	100.0	100.0	100.0	100.0	100.0
2016	1 700 203	1 736 481	1 745 197	–8 716	103.1	103.6	100.9	101.4	102.3
Seasonally adjusted									
2014 Q1	404 850	402 107	402 107	–	95.5	95.5	96.1	96.1	96.1
Q2	409 007	409 271	409 271	–	97.2	97.2	97.1	97.1	97.1
Q3	412 967	413 976	413 976	–	98.3	98.3	98.0	98.0	98.0
Q4	417 178	413 368	413 368	–	98.1	98.1	99.0	99.0	99.0
2015 Q1	418 359	416 592	416 592	–	98.9	98.9	99.3	99.3	99.3
Q2	420 702	422 710	422 710	–	100.4	100.4	99.9	99.9	99.9
Q3	421 478	422 126	422 126	–	100.2	100.2	100.1	100.1	100.1
Q4	424 398	423 509	423 509	–	100.5	100.5	100.8	100.7	100.7
2016 Q1	423 169	427 620	428 924	–1 304	101.5	101.8	100.5	100.8	101.3
Q2	424 400	432 685	434 696	–2 011	102.7	103.2	100.8	101.2	102.1
Q3	425 302	436 088	438 640	–2 552	103.5	104.1	101.0	101.6	102.6
Q4	427 332	440 088	442 937	–2 849	104.5	105.2	101.4	102.1	103.3
2017 Q1	428 669	444 467	446 917	–2 450	105.5	106.1	101.8	102.3	103.6
Q2	429 977	448 277	450 799	–2 522	106.4	107.0	102.1	102.7	103.8
Percentage change, latest year on previous year									
	KH4D	KH47	KH68		KH47	KH68	KH4D	KH6E	GDPQ
2013	1.5	3.9	3.9		3.9	3.9	1.5	1.5	1.5
2014	3.5	4.7	4.7		4.7	4.7	3.5	3.5	3.5
2015	2.5	2.8	2.8		2.8	2.8	2.5	2.5	2.5
2016	0.9	3.1	3.6		3.1	3.6	0.9	1.4	2.3
Percentage change, latest quarter on previous quarter									
	KH4F	KH49	KH6A		KH49	KH6A	KH4F	KH6G	
2014 Q1	1.1	1.4	1.4		1.4	1.4	1.1	1.1	1.1
Q2	1.0	1.8	1.8		1.8	1.8	1.0	1.0	1.0
Q3	1.0	1.1	1.1		1.1	1.1	1.0	1.0	1.0
Q4	1.0	–0.1	–0.1		–0.1	–0.1	1.0	1.0	1.0
2015 Q1	0.3	0.8	0.8		0.8	0.8	0.3	0.3	0.3
Q2	0.6	1.5	1.5		1.5	1.5	0.6	0.6	0.6
Q3	0.2	–0.1	–0.1		–0.1	–0.1	0.2	0.2	0.2
Q4	0.7	0.3	0.3		0.3	0.3	0.7	0.7	0.7
2016 Q1	–0.3	1.0	1.3		1.0	1.3	–0.3	–	0.6
Q2	0.3	1.2	1.3		1.2	1.3	0.3	0.5	0.7
Q3	0.2	0.8	0.9		0.8	0.9	0.2	0.3	0.5
Q4	0.5	0.9	1.0		0.9	1.0	0.5	0.5	0.7
2017 Q1	0.3	1.0	0.9		1.0	0.9	0.3	0.2	0.2
Q2	0.3	0.9	0.9		0.9	0.9	0.3	0.3	0.3
Percentage change, latest quarter on corresponding quarter of previous year									
	KH4H	KH4B	KH6C		KH4B	KH6C	KH4H	KH6I	GDPR
2014 Q1	2.7	4.1	4.1		4.1	4.1	2.7	2.7	2.7
Q2	3.5	5.5	5.5		5.5	5.5	3.5	3.5	3.5
Q3	3.7	5.1	5.1		5.1	5.1	3.7	3.7	3.7
Q4	4.2	4.3	4.3		4.3	4.3	4.2	4.2	4.2
2015 Q1	3.3	3.6	3.6		3.6	3.6	3.3	3.3	3.3
Q2	2.9	3.3	3.3		3.3	3.3	2.9	2.9	2.9
Q3	2.1	2.0	2.0		2.0	2.0	2.1	2.1	2.1
Q4	1.7	2.5	2.5		2.5	2.5	1.7	1.7	1.7
2016 Q1	1.1	2.6	3.0		2.6	3.0	1.1	1.5	2.0
Q2	0.9	2.4	2.8		2.4	2.8	0.9	1.3	2.2
Q3	0.9	3.3	3.9		3.3	3.9	0.9	1.5	2.6
Q4	0.7	3.9	4.6		3.9	4.6	0.7	1.3	2.6
2017 Q1	1.3	3.9	4.2		3.9	4.2	1.3	1.5	2.2
Q2	1.3	3.6	3.7		3.6	3.7	1.3	1.4	1.7

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.
3 The growth rates of index numbers are calculated using unrounded 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 2015)	
Seasonally adjusted			
	DMUN	DMUM	DMUQ
2014 Q1	-1 880	-1 896	-99
Q2	-934	-933	-509
Q3	970	972	962
Q4	1 844	1 857	-354
2015 Q1	1 461	1 465	-751
Q2	-955	-954	1 933
Q3	-1 386	-1 389	801
Q4	880	878	-1 983
2016 Q1	1 095	1 080	1 733
Q2	-1 149	-1 133	-1 612
Q3	1 161	1 131	-2 020
Q4	-1 107	-1 078	1 899
2017 Q1	-1 431	-1 383	620
Q2	-2 631	-2 531	-342

N Selected financial year variables ^{1,2}

£ millions except deflator index which is 2016/2017 = 100

	Current prices					Chained Volume Measures (reference year 2015)				
	Gross domestic product at market prices	Gross domestic product at market prices non seasonally adjusted	Gross value added at basic prices	General government final consumption expenditure	General government gross fixed capital formation	Gross domestic product at market prices	Gross value added at basic prices	General government final consumption expenditure	General government gross fixed capital formation	Implied GDP deflator at market prices ^{3,4}
	YBHA	BKTL	ABML	NMRP	RPZG	ABMI	ABMM	NMRY	DLWF	L8GG
2013/14	1 771 886	1 773 683	1 580 231	351 727	48 570	1 803 153	1 598 610	353 242	50 652	95.7517
2014/15	1 852 098	1 849 131	1 653 207	359 590	50 763	1 857 956	1 657 511	360 701	51 147	97.1397
2015/16	1 904 349	1 902 142	1 697 637	363 922	48 931	1 897 563	1 691 402	363 540	49 126	97.7941
2016/17	1 981 656	1 981 282	1 766 267	371 754	52 446	1 930 983	1 718 304	366 158	51 710	100.0000
Seasonally adjusted										
2014 Q1	451 293	456 693	402 107	89 297	13 234	455 814	404 850	89 194	13 487	96.4792
Q2	458 923	453 481	409 271	89 194	12 017	459 702	409 007	90 168	12 341	97.2806
Q3	463 142	458 640	413 976	90 695	12 719	463 201	412 967	90 476	12 921	97.4333
Q4	463 704	468 248	413 368	89 828	12 984	466 727	417 178	90 046	12 998	96.8146
2015 Q1	466 329	468 762	416 592	89 873	13 043	468 326	418 359	90 011	12 887	97.0302
Q2	473 601	467 433	422 710	90 743	12 928	471 018	420 702	90 592	13 159	97.9801
Q3	473 571	470 754	422 126	91 264	12 342	472 980	421 478	90 892	12 339	97.5675
Q4	475 236	481 788	423 509	90 182	11 975	476 413	424 398	90 567	11 902	97.2050
2016 Q1	481 941	482 167	429 292	91 733	11 686	477 152	424 824	91 489	11 726	98.4238
Q2	488 233	484 457	435 258	92 437	13 181	479 682	426 928	91 411	12 970	99.1829
Q3	492 570	491 362	439 342	92 564	13 683	481 524	428 483	91 396	13 268	99.6811
Q4	498 381	503 144	443 755	93 233	13 213	484 268	430 895	91 571	13 056	100.2856
2017 Q1	502 472	502 319	447 912	93 520	12 369	485 509	431 998	91 780	12 416	100.8504
Q2	506 097	502 316	451 712	94 057	13 399	486 914	433 282	91 890	13 178	101.2848
Percentage change, latest financial year on previous financial year										
2013/14	4.1	4.3	3.9	2.3	8.8	2.4	1.8	1.3	7.3	1.7
2014/15	4.5	4.3	4.6	2.2	4.5	3.0	3.7	2.1	1.0	1.4
2015/16	2.8	2.9	2.7	1.2	-3.6	2.1	2.0	0.8	-4.0	0.7
2016/17	4.1	4.2	4.0	2.2	7.2	1.8	1.6	0.7	5.3	2.3
Percentage change, latest quarter on previous quarter										
	IHYN	A8L9	KGL8	KH2D	KH7P	IHYQ	KGM9	KH2J	KH9C	L8GH
2014 Q1	1.5	1.3	1.4	1.0	8.8	0.9	1.1	0.7	7.7	0.7
Q2	1.7	-0.7	1.8	-0.1	-9.2	0.9	1.0	1.1	-8.5	0.8
Q3	0.9	1.1	1.1	1.7	5.8	0.8	1.0	0.3	4.7	0.2
Q4	0.1	2.1	-0.1	-1.0	2.1	0.8	1.0	-0.5	0.6	-0.6
2015 Q1	0.6	0.1	0.8	0.1	0.5	0.3	0.3	-	-0.9	0.2
Q2	1.6	-0.3	1.5	1.0	-0.9	0.6	0.6	0.6	2.1	1.0
Q3	-	0.7	-0.1	0.6	-4.5	0.4	0.2	0.3	-6.2	-0.4
Q4	0.4	2.3	0.3	-1.2	-3.0	0.7	0.7	-0.4	-3.5	-0.4
2016 Q1	1.4	0.1	1.4	1.7	-2.4	0.2	0.1	1.0	-1.5	1.3
Q2	1.3	0.5	1.4	0.8	12.8	0.5	0.5	-0.1	10.6	0.8
Q3	0.9	1.4	0.9	0.1	3.8	0.4	0.4	-	2.3	0.5
Q4	1.2	2.4	1.0	0.7	-3.4	0.6	0.6	0.2	-1.6	0.6
2017 Q1	0.8	-0.2	0.9	0.3	-6.4	0.3	0.3	0.2	-4.9	0.6
Q2	0.7	-	0.8	0.6	8.3	0.3	0.3	0.1	6.1	0.4
Percentage change, latest quarter on corresponding quarter of previous year										
	IHYO	A8LA	KGM2	KH2E	KH7R	IHYR	KGN3	KH2K	KH9M	L8GI
2014 Q1	4.5	4.9	4.1	4.3	27.5	2.8	2.7	2.5	28.8	1.6
Q2	5.7	5.9	5.5	1.7	5.5	3.1	3.5	2.9	-0.1	2.5
Q3	4.9	4.7	5.1	5.1	7.9	3.0	3.7	3.0	5.1	1.8
Q4	4.3	3.9	4.3	1.6	6.8	3.3	4.2	1.7	3.8	1.0
2015 Q1	3.3	2.6	3.6	0.6	-1.4	2.7	3.3	0.9	-4.4	0.6
Q2	3.2	3.1	3.3	1.7	7.6	2.5	2.9	0.5	6.6	0.7
Q3	2.3	2.6	2.0	0.6	-3.0	2.1	2.1	0.5	-4.5	0.1
Q4	2.5	2.9	2.5	0.4	-7.8	2.1	1.7	0.6	-8.4	0.4
2016 Q1	3.3	2.9	3.0	2.1	-10.4	1.9	1.5	1.6	-9.0	1.4
Q2	3.1	3.6	3.0	1.9	2.0	1.8	1.5	0.9	-1.4	1.2
Q3	4.0	4.4	4.1	1.4	10.9	1.8	1.7	0.6	7.5	2.2
Q4	4.9	4.4	4.8	3.4	10.3	1.6	1.5	1.1	9.7	3.2
2017 Q1	4.3	4.2	4.3	1.9	5.8	1.8	1.7	0.3	5.9	2.5
Q2	3.7	3.7	3.8	1.8	1.7	1.5	1.5	0.5	1.6	2.1

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

2 All data are seasonally adjusted unless otherwise specified.

3 Implied deflator is expressed in terms of 2015/2016 = 100 for presentational purposes, whereas in table A1 it is expressed as 2013 = 100.

4 Implied deflator is displayed with 4 decimal places to replace a GDP deflator in index form series previously calculated by HM Treasury. Data are only considered accurate to 1 decimal place.

O Selected implied deflators¹

2016 = 100

	Implied deflators ²		
	Gross national expenditure	Gross domestic product at market prices ³	Gross value added at basic prices
	MNE2	MNF2	MNX5
2013	97.2370	95.9463	96.4578
2014	98.3666	97.5940	97.6002
2015	98.4462	98.0405	97.9138
2016	100.0000	100.0000	100.0000
Seasonally adjusted			
2014 Q1	97.9629	97.0681	97.2506
Q2	98.6540	97.8744	97.9772
Q3	98.7238	98.0280	98.1533
Q4	98.1257	97.4055	97.0198
2015 Q1	98.0512	97.6225	97.5005
Q2	99.1399	98.5782	98.3814
Q3	98.6960	98.1630	98.0646
Q4	97.8978	97.7983	97.7089
2016 Q1	98.9754	99.0245	98.9438
Q2	99.7176	99.7882	99.8245
Q3	100.4669	100.2895	100.3955
Q4	100.8401	100.8977	100.8363
2017 Q1	101.3343	101.4659	101.5210
Q2	101.7113	101.9030	102.0789
Percentage change, latest year on previous year			
	MNE3	MNF3	MNX6
2013	1.3	1.9	2.4
2014	1.2	1.7	1.2
2015	0.1	0.5	0.3
2016	1.6	2.0	2.1
Percentage change, latest quarter on previous quarter			
	MNE4	MNF4	MNX7
2014 Q1	0.5	0.7	0.3
Q2	0.7	0.8	0.7
Q3	0.1	0.2	0.2
Q4	-0.6	-0.6	-1.2
2015 Q1	-0.1	0.2	0.5
Q2	1.1	1.0	0.9
Q3	-0.4	-0.4	-0.3
Q4	-0.8	-0.4	-0.4
2016 Q1	1.1	1.3	1.3
Q2	0.7	0.8	0.9
Q3	0.8	0.5	0.6
Q4	0.4	0.6	0.4
2017 Q1	0.5	0.6	0.7
Q2	0.4	0.4	0.5
Percentage change, latest quarter on corresponding quarter of previous year			
	MNE5	MNF5	MNX8
2014 Q1	1.0	1.6	1.4
Q2	1.7	2.5	2.0
Q3	1.4	1.8	1.3
Q4	0.7	1.0	0.1
2015 Q1	0.1	0.6	0.3
Q2	0.5	0.7	0.4
Q3	-	0.1	-0.1
Q4	-0.2	0.4	0.7
2016 Q1	0.9	1.4	1.5
Q2	0.6	1.2	1.5
Q3	1.8	2.2	2.4
Q4	3.0	3.2	3.2
2017 Q1	2.4	2.5	2.6
Q2	2.0	2.1	2.3

1 Implied deflator is expressed in terms of 2016 = 100, whereas in table A1 it is expressed as 2015 = 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 2015)	
		Gross domestic product at market prices ³	Gross domestic product per head	Gross domestic product at market prices ³	Gross domestic product per head
	EBAQ	YBHA	IHXT	ABMI	IHXW
2013	64 106	1 752 554	27 338	1 790 750	27 934
2014	64 597	1 837 062	28 439	1 845 444	28 569
2015	65 110	1 888 737	29 008	1 888 737	29 008
2016	65 648	1 961 125	29 873	1 922 626	29 287
Seasonally adjusted					
2014 Q1	64 474	451 293	7 000	455 814	7 070
Q2	64 597	458 923	7 104	459 702	7 116
Q3	64 725	463 142	7 156	463 201	7 156
Q4	64 854	463 704	7 150	466 727	7 197
2015 Q1	64 982	466 329	7 176	468 326	7 207
Q2	65 110	473 601	7 274	471 018	7 234
Q3	65 226	473 571	7 260	472 980	7 251
Q4	65 341	475 236	7 273	476 413	7 291
2016 Q1	65 514	481 941	7 356	477 152	7 283
Q2	65 648	488 233	7 437	479 682	7 307
Q3	65 743	492 570	7 492	481 524	7 324
Q4	65 839	498 381	7 570	484 268	7 355
2017 Q1	65 934	502 472	7 621	485 509	7 364
Q2	66 030	506 097	7 665	486 914	7 374
Percentage change, latest year on previous year					
		IHYM	N3Y3	IHYP	N3Y6
2013		4.0	3.3	2.1	1.4
2014		4.8	4.0	3.1	2.3
2015		2.8	2.0	2.3	1.5
2016		3.8	3.0	1.8	1.0
Percentage change, latest quarter on previous quarter					
		IHYN	N3Y4	IHYQ	N3Y7
2014 Q1		1.5	1.3	0.9	0.7
Q2		1.7	1.5	0.9	0.7
Q3		0.9	0.7	0.8	0.6
Q4		0.1	-0.1	0.8	0.6
2015 Q1		0.6	0.4	0.3	0.1
Q2		1.6	1.4	0.6	0.4
Q3		-	-0.2	0.4	0.2
Q4		0.4	0.2	0.7	0.6
2016 Q1		1.4	1.1	0.2	-0.1
Q2		1.3	1.1	0.5	0.3
Q3		0.9	0.7	0.4	0.2
Q4		1.2	1.0	0.6	0.4
2017 Q1		0.8	0.7	0.3	0.1
Q2		0.7	0.6	0.3	0.1
Percentage change, latest quarter on corresponding quarter of previous year					
		IHYO	N3Y5	IHYR	N3Y8
2014 Q1		4.5	3.7	2.8	2.0
Q2		5.7	4.8	3.1	2.3
Q3		4.9	4.1	3.0	2.2
Q4		4.3	3.5	3.3	2.5
2015 Q1		3.3	2.5	2.7	1.9
Q2		3.2	2.4	2.5	1.7
Q3		2.3	1.5	2.1	1.3
Q4		2.5	1.7	2.1	1.3
2016 Q1		3.3	2.5	1.9	1.1
Q2		3.1	2.2	1.8	1.0
Q3		4.0	3.2	1.8	1.0
Q4		4.9	4.1	1.6	0.9
2017 Q1		4.3	3.6	1.8	1.1
Q2		3.7	3.1	1.5	0.9

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 The UK resident population mid-year estimates used in this publication are those published on 22 June 2017

3 GDP is presented in £ million; also published in table A2

R Revisions Analysis¹

Revisions since previously published estimates

£ million

		2012	2013	2014	2015	2016
Latest less previously published levels of GDP at current market prices						
National accounts aggregates at current prices (Table A2)						
Gross domestic product at market prices	KB7D	10 181	12 991	14 582	16 023	21 488
less Basic price adjustment	KB7E	39	114	136	278	-199
Gross value added at basic prices	KB7F	10 142	12 877	14 446	15 745	21 687
Gross domestic product: expenditure at current prices (Table C1)						
National expenditure on goods and services at market prices						
Households	KB7K	10 749	14 724	17 689	25 307	30 565
Non-profit institutions serving households	KB7L	815	-107	-47	-1 512	-2 443
General government	KB7M	-1 412	-1 539	485	-777	1 328
Gross fixed capital formation	KB7N	-3 941	-3 015	-1 530	-3 867	-797
Changes in inventories	KB7O	-	-362	195	2 075	1 559
Acquisitions less disposals of valuables	KB7P	-	-581	-1 602	626	1 643
Total	KB7Q	6 211	9 120	15 190	21 852	31 855
Total exports	KB7R	1 914	2 271	7 271	-285	-117
Total imports	KB7S	-2 056	-1 600	7 879	2 297	5 870
Statistical discrepancy (expenditure)	KB7T	-	-	-	-3 247	-4 380
Gross domestic product: income at current prices (Table D)						
Compensation of employees	KB7U	-1 110	4 446	2 952	2 059	5 119
Gross operating surplus of corporations	KB7V	10 678	4 923	11 182	7 802	10 965
Other income	KB7W	-492	2 138	-1 018	3 546	643
Gross value added at factor cost	KB7X	9 076	11 507	13 116	13 407	16 727
Taxes on products & production less Subsidies	KB7Y	1 105	1 484	1 466	1 068	1 246
Statistical discrepancy (income)	KB7Z	-	-	-	1 548	3 515

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

		2012	2013	2014	2015	2016
Latest less previously published growth rates for GDP in chained volume terms						
Percentage changes in volume of GDP (Table A2)						
Gross domestic product chained volume measures						
Year on year growth	KB82	0.2	0.2	-	0.1	-
Percentage changes in volume of GVA output components (Table B1)						
GVA at basic prices						
Agriculture, forestry and fishing	KB83	0.1	-0.2	-1.7	-	-2.3
Mining and quarrying inc oil & gas extraction	KB84	-0.1	-0.1	-	-0.3	-1.6
Manufacturing	KB85	-	-	-	0.2	0.2
Electricity, gas, steam and air	KB86	-	-	0.2	0.5	0.9
Water supply, sewerage	KNT7	-	-0.1	-0.1	-	-0.3
Total Production	KB87	-	-	-	-	0.1
Construction	KB88	-	-	1.0	-0.5	1.4
Distribution, hotels and restaurants	KB89	0.1	-0.1	-0.1	0.2	-
Transport storage and communications	KB8A	0.1	-0.1	-0.3	0.3	0.4
Business services and finance	KB8B	0.5	0.3	-0.1	-0.5	-0.7
Government and other services	KB8C	0.1	0.1	0.7	0.4	-0.3
Total services	KB8D	0.3	0.1	0.1	-	-0.4
Total GVA	KB8E	0.3	0.1	0.1	0.1	-0.2
Total GVA excluding Oil	KB8F	0.1	-	0.1	0.1	-0.3
Percentage changes in volume of GDP expenditure components (Table C2)						
National expenditure on goods and services at market prices						
Households	KB8G	-0.1	0.3	0.1	0.2	0.1
Non-profit institutions serving households	KB8H	0.1	-1.5	-1.2	-1.6	-0.8
General government	KB8I	-0.4	-0.1	0.2	-0.7	0.3
Gross fixed capital formation	KB8J	-0.2	0.2	0.4	-0.6	0.8
Total	KB8K	0.3	0.1	0.2	0.5	0.6
Total exports	KB8L	-0.4	-0.3	1.2	-1.1	-0.7
Total imports	KB8M	-0.2	-0.3	2.0	-0.4	1.5

R Revisions Analysis¹

Revisions since previously published estimates

continued

£ million

		2014	2014	2014	2014	2015	2015	2015	2015	2016	2016	2016	2016	2017	2017
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
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	4 636	4 074	3 464	2 408	3 584	4 016	4 282	4 141	5 815	4 769	6 092	4 812	5 597	5 001
less Basic price adjustment	KB7E	430	161	108	-563	483	396	91	-692	674	244	268	-1 385	1 217	391
Gross value added at basic prices	KB7F	4 206	3 913	3 356	2 971	3 101	3 620	4 191	4 833	5 141	4 525	5 824	6 197	4 380	4 610
Gross domestic product: expenditure at current prices (Table C1)															
National expenditure on goods and services at market prices															
Households	KB7K	4 610	4 646	4 348	4 085	5 125	6 557	6 572	7 053	7 353	8 207	7 456	7 549	8 358	8 059
Non-profit institutions serving households	KB7L	24	51	-1	-121	-254	-388	-430	-440	-532	-559	-651	-701	-771	-803
General government	KB7M	281	122	-229	311	88	-139	-312	-414	148	30	519	631	422	-164
Gross fixed capital formation	KB7N	-1 869	184	180	-25	1 113	-733	-2 715	-1 532	-697	-123	267	-244	-261	-587
Changes in inventories	KB7O	291	-470	1 020	-646	-1 402	-950	1 574	2 853	1 515	-1 365	1 333	76	-1 050	-3 052
Acquisitions less disposals of valuables	KB7P	966	-1 153	-1 192	-223	114	138	169	205	132	323	98	1 090	145	195
Total	KB7Q	4 303	3 380	4 126	3 381	4 784	4 485	4 858	7 725	7 919	6 513	9 022	8 401	6 843	3 648
Total exports	KB7R	938	2 939	1 585	1 809	-1 323	787	1 107	-856	-672	-238	250	543	1 537	4 247
Total imports	KB7S	605	2 245	2 247	2 782	-622	532	855	1 532	351	406	2 087	3 026	1 602	1 810
Statistical discrepancy (expenditure)	KB7T	-	-	-	-	-499	-724	-828	-1 196	-1 081	-1 100	-1 093	-1 106	-1 181	-1 084
Gross domestic product: income at current prices (Table D)															
Compensation of employees	KB7U	1 265	743	483	461	436	535	92	996	254	599	1 936	2 330	2 910	2 524
Gross operating surplus of corporations	KB7V	3 023	2 738	2 834	2 587	2 150	1 670	1 656	2 326	3 911	2 106	2 416	2 532	788	718
Other income	KB7W	-115	-25	-431	-447	386	699	1 795	666	310	525	69	-261	-494	-291
Gross value added at factor cost	KB7X	4 173	3 456	2 886	2 601	2 972	2 904	3 543	3 988	4 475	3 230	4 421	4 601	3 204	2 951
Taxes on products & production less Subsidies	KB7Y	463	618	578	-193	375	767	345	-419	669	746	746	-915	1 294	1 057
Statistical discrepancy (income)	KB7Z	-	-	-	-	237	345	394	572	671	793	925	1 126	1 099	993

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

		2014	2014	2014	2014	2015	2015	2015	2015	2016	2016	2016	2016	2017	2017
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
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	-	-	-0.1	-0.1	-0.1	0.1	-
Quarter on same quarter a year earlier	KB94	0.2	-	-0.1	-0.2	-0.1	0.1	0.3	0.4	0.3	0.1	-0.2	-0.3	-0.2	-0.2
Percentage changes in volume of GVA output components (Table B1)															
GVA at basic prices quarter on quarter growth															
Agriculture, forestry and fishing	KB83	-1.4	0.4	-0.3	-0.3	1.3	-0.4	-0.8	-1.6	-0.7	0.2	-0.2	-	-0.4	-0.5
Mining and quarrying inc oil & gas extraction	KB84	-0.5	-0.5	1.0	-	-0.8	0.7	-0.3	-0.8	-0.5	-0.1	0.5	-1.9	1.4	0.2
Manufacturing	KB85	-0.3	-	0.2	0.1	-	-0.1	-	-	0.3	-0.2	-	0.1	0.3	0.3
Electricity, gas, steam and air	KB86	0.1	0.1	-0.1	0.3	0.3	0.3	-0.7	0.4	0.6	0.1	0.5	-0.6	0.1	-0.1
Water supply, sewerage	KNT7	-	0.1	0.1	-0.1	-	-	-	-	-0.9	0.4	0.6	0.1	1.0	-1.1
Total Production	KB87	-0.2	-0.1	0.3	-	-0.1	-	-0.1	-	0.2	-	-0.1	0.3	0.2	-
Construction	KB88	0.6	-	0.5	0.1	-1.1	0.1	0.5	0.2	-0.7	1.2	0.8	1.2	0.8	0.8
Distribution, hotels and restaurants	KB89	0.1	-0.1	-0.1	0.2	0.1	0.1	-0.2	0.1	0.1	-0.1	-	-0.1	-0.2	-
Transport storage and communications	KB8A	-0.3	-0.4	-	0.6	-0.2	0.2	0.4	-0.7	0.9	-0.3	-0.2	-0.1	-	-
Business services and finance	KB8B	0.3	-0.1	-0.3	-0.4	-	0.2	-0.1	-0.3	-	-0.2	-0.5	-0.2	0.1	-0.2
Government and other services	KB8C	0.1	-	0.2	0.7	0.1	-0.1	-0.3	0.1	-0.1	-	0.1	-0.2	-	-0.1
Total services	KB8D	0.1	-0.1	-0.1	0.2	-	0.1	-0.1	-0.3	0.1	-0.2	-0.2	-0.2	-	-0.1
Total GVA	KB8E	0.1	-0.1	-	0.1	0.1	0.1	-0.1	-	-	-0.1	-0.1	-	0.1	-
Total GVA excluding Oil	KB8F	0.1	-0.1	-	0.1	-	0.2	-0.1	-0.2	-	-	-0.1	-0.1	-	-
Percentage changes in volume of GDP expenditure components (Table C2)															
National expenditure on goods and services at market prices quarter on quarter growth															
Households	KB8G	0.4	-0.1	-0.1	-0.1	0.3	0.2	-0.1	-	0.1	0.1	-0.2	-0.3	-	0.1
Non-profit institutions serving households	KB8H	-0.3	-2.9	0.4	0.3	-1.7	-0.1	0.7	0.6	-1.3	0.3	-0.7	-0.8	-0.2	0.1
General government	KB8I	-0.8	0.9	0.1	-0.3	-0.4	-0.3	-0.3	-0.2	0.6	-0.3	0.1	0.2	-0.5	-0.5
Gross fixed capital formation	KB8J	-0.7	2.9	-0.3	-1.3	1.3	0.2	-3.9	1.0	0.6	1.7	0.2	0.3	-0.5	-0.1
Total	KB8K	0.4	-0.8	0.2	0.1	0.2	-0.4	0.3	1.7	-0.5	-0.2	-	-	-0.3	-0.4
Total exports	KB8L	-1.9	4.1	-0.1	0.4	-3.2	2.7	-0.4	-4.0	0.5	1.2	0.2	0.8	0.4	1.0
Total imports	KB8M	-0.4	1.3	0.6	1.0	-2.8	0.8	0.2	1.1	-0.5	0.5	0.7	0.3	-0.7	-0.5

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

Chained Volume Measures

Seasonally adjusted data

Reference year 2015

	Agri- culture, forestry, and fishing	Total Production	Mining & quarrying & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Constr uction	Total Services	Distri- bution, hotels & restaurants	Transport storage and commu- nications	Business services and finance	Govern- ment and other services
Percentage change, latest year on previous year												
Growth												
2014	L3BB 12.2	L3BG 1.5	L3BH 0.6	L3BN 2.9	L3DM -5.8	L3DQ 0.6	L3DW 9.0	L3E2 3.4	L3GP 4.7	KI8L 2.7	KI8N 3.8	KI8P 2.4
2015	1.2	1.2	8.1	-	1.0	3.4	4.4	2.6	4.7	4.0	2.4	0.9
2016	-5.7	1.3	-1.0	0.9	2.6	5.3	3.8	2.5	5.1	4.1	1.7	1.3
Contributions to growth												
2014	ZZ3V 0.1	ZZ3W 0.2	ZZ3Y -	ZZ3X 0.3	ZZ3Z -0.1	ZZ42 -	ZZ43 0.5	ZZ44 2.7	ZZ45 0.6	ZZ46 0.3	ZZ47 1.2	ZZ48 0.5
2015	-	0.2	0.1	-	-	-	0.3	2.0	0.6	0.4	0.8	0.2
2016	-	0.2	-	0.1	-	0.1	0.2	2.0	0.7	0.4	0.6	0.3
Percentage change, latest quarter on previous quarter												
Growth												
2014 Q4	L3BB 2.3	L3BG 0.3	L3BH 1.4	L3BN 0.4	L3DM -1.8	L3DQ 1.2	L3DW 0.4	L3E2 1.2	L3GP 1.8	KI8L 1.8	KI8N 1.1	KI8P 0.6
2015 Q1	-1.8	0.3	1.0	-0.1	2.4	0.5	1.6	0.1	1.0	0.1	0.2	-0.4
Q2	0.6	0.6	8.8	-0.6	-2.2	4.0	0.7	0.6	1.0	1.1	0.4	0.4
Q3	-0.3	-	1.4	-0.4	0.7	-	-0.4	0.4	0.6	0.9	0.4	-0.1
Q4	-1.3	-0.4	-3.1	0.1	-1.8	0.5	1.2	0.7	1.3	0.5	0.6	0.8
2016 Q1	-4.1	-0.1	-3.1	-	1.0	1.6	0.5	0.8	1.9	1.3	0.4	0.4
Q2	-1.0	2.2	2.2	1.6	5.7	2.4	2.1	0.4	0.8	0.3	0.5	0.1
Q3	-0.2	-0.5	5.0	-0.7	-3.8	0.5	0.5	0.7	1.1	2.4	0.2	0.4
Q4	1.0	0.7	-8.8	1.3	3.4	1.0	2.2	0.6	1.9	0.7	0.3	0.1
2017 Q1	-0.3	0.3	2.9	0.6	-4.1	2.0	1.9	0.1	-0.8	-0.8	0.6	0.4
Q2	-0.1	-0.3	0.6	-0.3	-0.3	-1.0	-0.5	0.4	0.9	1.2	0.1	0.3
Contributions to growth												
2014 Q4	ZZ2F -	ZZ2G -	ZZ2I -	ZZ2H -	ZZ2J -	ZZ2K -	ZZ2L -	ZZ2M 0.9	ZZ2N 0.2	ZZ2O 0.2	ZZ2P 0.4	ZZ2Q 0.1
2015 Q1	-	-	-	-	-	-	0.1	0.1	0.1	-	0.1	-0.1
Q2	-	0.1	0.1	-0.1	-	-	-	0.5	0.1	0.1	0.1	0.1
Q3	-	-	-	-	-	-	-	0.3	0.1	0.1	0.1	-
Q4	-	-0.1	-	-	-	-	0.1	0.6	0.2	0.1	0.2	0.2
2016 Q1	-	-	-	-	-	-	-	0.6	0.3	0.1	0.1	0.1
Q2	-	0.3	-	0.2	0.1	-	0.1	0.3	0.1	-	0.2	-
Q3	-	-0.1	0.1	-0.1	-0.1	-	-	0.6	0.2	0.2	0.1	0.1
Q4	-	0.1	-0.1	0.1	0.1	-	0.1	0.4	0.3	0.1	0.1	-
2017 Q1	-	-	-	0.1	-0.1	-	0.1	0.1	-0.1	-0.1	0.2	0.1
Q2	-	-	-	-	-	-	-	0.3	0.1	0.1	-	0.1
Percentage change, latest quarter on corresponding quarter of previous year												
Growth												
2014 Q4	L3ZZ 13.6	L426 1.3	L427 -0.4	L42D 2.9	L44C -3.4	L44G -2.5	L44M 8.4	L44Q 4.4	L47F 5.9	KII2 5.5	KIH9 4.5	KIH8 2.9
2015 Q1	4.4	1.4	1.3	1.4	4.4	-1.9	7.0	3.4	5.4	5.0	3.4	1.4
Q2	2.8	1.8	10.4	0.2	1.5	5.1	5.7	2.9	4.9	4.7	2.6	1.2
Q3	0.7	1.2	13.1	-0.7	-1.0	5.7	2.2	2.3	4.5	3.9	2.1	0.5
Q4	-2.8	0.5	7.9	-0.9	-0.9	5.0	3.0	1.8	4.0	2.6	1.5	0.6
2016 Q1	-5.1	-	3.6	-0.8	-2.3	6.2	2.0	2.5	4.8	3.8	1.8	1.5
Q2	-6.7	1.6	-2.8	1.3	5.5	4.5	3.4	2.3	4.6	3.1	1.9	1.1
Q3	-6.5	1.2	0.7	1.0	0.9	5.0	4.3	2.7	5.1	4.6	1.7	1.7
Q4	-4.4	2.3	-5.2	2.2	6.2	5.5	5.4	2.5	5.7	4.8	1.5	1.0
2017 Q1	-0.6	2.6	0.7	2.8	0.9	5.9	6.9	1.8	2.9	2.6	1.7	1.0
Q2	0.4	0.2	-0.9	0.9	-4.8	2.4	4.1	1.8	3.1	3.4	1.3	1.1
Contributions to growth												
2014 Q4	ZZ36 0.1	ZZ37 0.2	ZZ39 -	ZZ38 0.3	ZZ3A -0.1	ZZ3B -	ZZ3C 0.5	ZZ3D 3.4	ZZ3E 0.8	ZZ3F 0.6	ZZ3G 1.5	ZZ3H 0.6
2015 Q1	-	0.2	-	0.1	0.1	-	0.4	2.7	0.7	0.5	1.1	0.3
Q2	-	0.2	0.2	-	-	0.1	0.3	2.3	0.7	0.5	0.8	0.3
Q3	-	0.2	0.2	-0.1	-	0.1	0.1	1.8	0.6	0.4	0.7	0.1
Q4	-	0.1	0.1	-0.1	-	0.1	0.2	1.5	0.5	0.3	0.5	0.1
2016 Q1	-	-	-	-0.1	-	0.1	0.1	2.0	0.7	0.4	0.6	0.3
Q2	-	0.2	-	0.1	0.1	-	0.2	1.8	0.6	0.3	0.6	0.3
Q3	-	0.2	-	0.1	-	0.1	0.3	2.1	0.7	0.5	0.6	0.4
Q4	-	0.3	-0.1	0.2	0.1	0.1	0.3	2.0	0.8	0.5	0.5	0.2
2017 Q1	-	0.4	-	0.3	-	0.1	0.4	1.4	0.4	0.3	0.5	0.2
Q2	-	-	-	0.1	-0.1	-	0.3	1.4	0.4	0.4	0.4	0.2

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

² Contribution are to output gross value added and therefore may not sum to the percentage change in average GDP. More information on the difference between the 3 measures can be found in the Short Guide to National Accounts

AB Annex B - Growth and contributions to growth - expenditure components of GDP^{1,2}

Chained Volume Measures

Seasonally adjusted data

Reference year 2015

Final consumption expenditure									
	Households	Non-profit institutions ³	General government	Gross capital formation	Gross fixed capital formation	Business investment	Total exports	less Total imports	Net trade
Percentage change, latest year on previous year									
Growth									
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N	
2014	2.2	1.5	2.5	10.9	7.1	5.1	2.7	4.5	
2015	2.7	-0.8	0.6	4.1	2.8	3.7	5.0	5.1	
2016	2.9	0.6	1.1	0.8	1.3	-0.4	1.1	4.3	
Contributions to growth									
	ZZ6M	ZZ6N	ZZ6O	ZZ6P	ZZ6Q	ZZ6R	ZZ6S	ZZ6T	ZZ6U
2014	1.4	-	0.5	1.8	1.1	0.5	0.8	1.4	-0.6
2015	1.7	-	0.1	0.7	0.5	0.3	1.4	1.5	-0.1
2016	1.8	-	0.2	0.1	0.2	-	0.3	1.2	-0.9
Percentage change, latest quarter on previous quarter									
Growth									
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O	
2014 Q4	-0.2	-0.3	-0.5	5.5	-0.6	-0.8	4.4	3.8	
2015 Q1	1.0	-0.6	-	0.8	2.8	5.2	-	1.3	
Q2	0.7	0.7	0.6	-5.9	1.4	0.1	2.0	-1.5	
Q3	1.0	-1.2	0.3	1.7	-3.1	-3.3	-1.0	0.8	
Q4	0.4	1.3	-0.4	5.7	0.1	0.1	1.9	3.2	
2016 Q1	0.8	0.2	1.0	-1.4	0.6	-0.1	-2.4	-0.1	
Q2	0.9	0.4	-0.1	-3.9	1.9	0.9	2.5	0.8	
Q3	0.6	-0.9	-	8.1	0.8	1.4	-1.9	3.0	
Q4	0.4	-	0.2	-8.4	0.4	-0.1	5.4	-0.7	
2017 Q1	0.4	0.3	0.2	2.6	0.5	0.8	-0.3	1.0	
Q2	0.2	0.4	0.1	-1.8	0.6	0.5	1.7	0.2	
Contributions to growth									
	ZZ5M	ZZ5N	ZZ5O	ZZ5P	ZZ5Q	ZZ5R	ZZ5S	ZZ5T	ZZ5U
2014 Q4	-0.2	-	-0.1	1.0	-0.1	-0.1	1.3	1.2	-
2015 Q1	0.6	-	-	0.1	0.5	0.5	-	0.4	-0.4
Q2	0.4	-	0.1	-1.1	0.2	-	0.6	-0.5	1.1
Q3	0.7	-	0.1	0.3	-0.5	-0.3	-0.3	0.2	-0.5
Q4	0.3	-	-0.1	1.0	-	-	0.5	1.0	-0.4
2016 Q1	0.5	-	0.2	-0.2	0.1	-	-0.7	-	-0.7
Q2	0.6	-	-	-0.7	0.3	0.1	0.7	0.2	0.4
Q3	0.4	-	-	1.3	0.1	0.1	-0.5	0.9	-1.4
Q4	0.3	-	-	-1.5	0.1	-	1.4	-0.2	1.7
2017 Q1	0.2	-	-	0.4	0.1	0.1	-0.1	0.3	-0.4
Q2	0.1	-	-	-0.3	0.1	-	0.5	0.1	0.4
Percentage change, latest quarter on corresponding quarter of previous year									
Growth									
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P	
2014 Q4	2.0	0.1	1.7	6.5	4.1	2.8	7.7	5.1	
2015 Q1	2.4	-1.7	0.9	7.7	4.8	8.0	6.9	7.1	
Q2	2.8	-0.3	0.5	5.1	4.9	4.0	5.0	5.4	
Q3	2.5	-1.4	0.5	1.8	0.4	1.1	5.3	4.4	
Q4	3.2	0.2	0.6	1.9	1.1	2.0	2.8	3.7	
2016 Q1	2.9	0.9	1.6	-0.3	-1.1	-3.2	0.3	2.3	
Q2	3.2	0.7	0.9	1.8	-0.6	-2.5	0.8	4.8	
Q3	2.7	1.1	0.6	8.2	3.5	2.2	-0.2	7.0	
Q4	2.7	-0.2	1.1	-6.2	3.7	2.0	3.3	3.0	
2017 Q1	2.3	-0.1	0.3	-2.4	3.7	2.9	5.6	4.1	
Q2	1.6	-0.2	0.5	-0.3	2.4	2.5	4.9	3.4	
Contributions to growth									
	ZZ65	ZZ66	ZZ67	ZZ68	ZZ69	ZZ6A	ZZ6B	ZZ6C	ZZ6D
2014 Q4	1.3	-	0.3	1.2	0.7	0.3	2.2	1.7	0.6
2015 Q1	1.5	-0.1	0.2	1.3	0.8	0.7	1.9	2.1	-0.2
Q2	1.7	-	0.1	0.8	0.8	0.4	1.4	1.6	-0.2
Q3	1.6	-	0.1	0.3	0.1	0.1	1.5	1.3	0.2
Q4	2.0	-	0.1	0.3	0.2	0.2	0.8	1.2	-0.3
2016 Q1	1.8	-	0.3	-	-0.2	-0.3	0.1	0.7	-0.6
Q2	2.0	-	0.2	0.3	-0.1	-0.2	0.2	1.4	-1.2
Q3	1.7	-	0.1	1.4	0.6	0.2	-	2.0	-2.1
Q4	1.7	-	0.2	-1.1	0.6	0.2	0.9	0.9	-
2017 Q1	1.4	-	0.1	-0.4	0.6	0.3	1.5	1.2	0.3
Q2	1.0	-	0.1	-	0.4	0.2	1.4	1.0	0.3

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

2 This table does not include the contribution from the statistical discrepancy and components may not sum to the percentage change in average GDP. Chained volume measure data for this component are available in table C2

3 Non-profit institutions serving households

AC Annex C - Growth and contributions to growth - income components of GDP^{1,2}
 Current Prices
 Seasonally adjusted data

	Compen- sation of employees	Gross operating surplus of corporations ³	Other income ⁴	Taxes on products & production less subsidies
Percentage change, latest year on previous year				
Growth				
	KGI3	KH4V	KH6T	KH65
2014	2.1	9.6	6.8	5.0
2015	3.1	0.3	5.4	2.8
2016	4.0	2.5	3.9	4.2
Contributions to growth				
	ZZ7H	ZZ7I	ZZ7J	ZZ7K
2014	1.1	2.0	1.1	0.6
2015	1.5	0.1	0.9	0.3
2016	2.0	0.5	0.7	0.5
Percentage change, latest quarter on previous quarter				
Growth				
	KGI4	KH4W	KH6U	KH66
2014 Q4	1.3	-3.9	0.9	1.9
2015 Q1	0.5	1.3	1.4	-1.6
Q2	0.8	2.0	1.9	3.2
Q3	0.7	-3.7	2.1	1.0
Q4	0.9	-0.4	-0.2	0.4
2016 Q1	0.1	5.0	0.6	0.9
Q2	2.3	-1.7	2.1	1.3
Q3	1.6	-0.3	0.5	0.3
Q4	0.6	2.8	0.2	2.0
2017 Q1	0.8	2.3	0.2	-1.1
Q2	1.0	-0.2	0.7	1.2
Contributions to growth				
	ZZ6Z	ZZ72	ZZ73	ZZ74
2014 Q4	0.5	-0.7	0.1	0.2
2015 Q1	0.3	0.3	0.2	-0.2
Q2	0.4	0.4	0.3	0.4
Q3	0.3	-0.8	0.4	0.1
Q4	0.5	-0.1	-	0.1
2016 Q1	0.1	1.0	0.1	0.1
Q2	1.1	-0.4	0.4	0.2
Q3	0.8	-0.1	0.1	-
Q4	0.3	0.6	-	0.2
2017 Q1	0.4	0.5	-	-0.1
Q2	0.5	-	0.1	0.1
Percentage change, latest quarter on corresponding quarter of previous year				
Growth				
	KGI5	KH4X	KH6V	KH67
2014 Q4	2.2	7.4	6.8	4.1
2015 Q1	2.6	4.7	5.4	1.0
Q2	3.5	2.0	4.2	2.6
Q3	3.3	-4.3	6.5	4.4
Q4	2.9	-0.9	5.3	2.9
2016 Q1	2.5	2.7	4.5	5.6
Q2	4.0	-1.0	4.7	3.7
Q3	5.0	2.5	3.0	3.0
Q4	4.7	5.8	3.5	4.6
2017 Q1	5.4	3.1	3.0	2.5
Q2	4.1	4.7	1.6	2.4
Contributions to growth³				
	ZZ79	ZZ7A	ZZ7B	ZZ7C
2014 Q4	1.1	1.6	1.1	0.5
2015 Q1	1.3	1.0	0.9	0.1
Q2	1.7	0.4	0.7	0.3
Q3	1.6	-1.0	1.1	0.5
Q4	1.4	-0.2	0.9	0.4
2016 Q1	1.2	0.6	0.8	0.7
Q2	1.9	-0.2	0.8	0.5
Q3	2.4	0.5	0.5	0.4
Q4	2.3	1.2	0.6	0.6
2017 Q1	2.7	0.7	0.5	0.3
Q2	2.1	1.0	0.3	0.3

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

2 This table does not include the contribution from the statistical discrepancy and components may not sum to the percentage change in average GDP. Current price data for this component are available in table D

3 Includes the operating surplus of financial corporations, private non-financial corporations and public corporations

4 Includes mixed income and the operating surplus of the non-corporate sector

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

Reference year 2015

	Final consumption expenditure						less Total imports
	House- holds	Non-prof- it instit- utions ²	General govern- ment	Gross capital formation	Gross fixed capital formation	Total exports	
Percentage change, latest year on previous year							
	ZZ93	ZZ94	ZZ95	ZZ96	ZZ97	ZZ98	ZZ99
2014	1.9	2.5	0.6	-1.1	1.4	-2.8	-4.2
2015	0.6	0.8	0.2	-2.0	1.3	-5.1	-5.9
2016	1.4	0.1	1.1	3.0	1.6	4.7	3.1
Percentage change, latest quarter on previous quarter							
	ZZ8N	ZZ8O	ZZ8P	ZZ8Q	ZZ8R	ZZ8S	ZZ8T
2014 Q4	0.1	0.2	-0.5	-3.1	1.1	-1.3	-1.2
2015 Q1	-0.2	0.2	0.1	-0.1	1.0	-1.9	-2.7
Q2	0.2	-0.9	0.3	5.7	-1.0	-1.1	-0.7
Q3	-	1.4	0.2	-3.2	0.6	-1.6	-1.5
Q4	0.6	-0.7	-0.8	-5.7	0.5	-0.1	-1.4
2016 Q1	0.2	-	0.7	5.1	0.7	1.6	0.9
Q2	0.4	-0.1	0.9	2.1	0.3	2.5	2.4
Q3	0.3	0.4	0.2	2.9	0.6	3.4	3.9
Q4	0.9	0.1	0.5	-1.6	-0.3	2.3	1.7
2017 Q1	0.7	-	0.1	-	0.5	1.5	1.2
Q2	0.3	0.3	0.5	0.7	0.6	0.4	0.3
Percentage change, latest quarter on corresponding quarter of previous year							
	ZZ8U	ZZ8V	ZZ8W	ZZ8X	ZZ8Y	ZZ8Z	ZZ92
2014 Q4	1.7	2.5	-0.1	-2.7	1.1	-3.3	-4.1
2015 Q1	0.9	2.7	-0.3	-2.9	1.2	-4.5	-5.7
Q2	0.6	-0.1	1.3	-0.7	0.9	-5.3	-5.7
Q3	0.1	0.8	0.2	-0.9	1.7	-5.8	-6.0
Q4	0.7	-	-0.2	-3.6	1.1	-4.6	-6.3
2016 Q1	1.0	-0.3	0.4	1.4	0.7	-1.3	-2.8
Q2	1.2	0.5	1.0	-2.1	2.1	2.4	0.2
Q3	1.5	-0.4	0.9	4.0	2.1	7.6	5.8
Q4	1.9	0.4	2.2	8.6	1.4	10.2	9.1
2017 Q1	2.4	0.5	1.6	3.4	1.2	10.2	9.5
Q2	2.3	0.8	1.2	2.1	1.4	7.9	7.3

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

2 Non-profit institutions serving households

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

Seasonally adjusted data

Reference year 2015

	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 & restaurants	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
2014	12.2	1.5	0.6	2.9	-5.8	0.6	9.0	3.4	4.7	2.7	3.8	2.4
2015	1.2	1.2	8.1	-	1.0	3.4	4.4	2.6	4.7	4.0	2.4	0.9
2016	-5.7	1.3	-1.0	0.9	2.6	5.3	3.8	2.5	5.1	4.1	1.7	1.3
Previous estimates²												
	A2EQ	A2ER	A2ET	A2ES	A2EU	A2EV	A2EW	A2EY	A2F2	A2F3	A2F4	A2F5
2014	13.9	1.5	0.6	2.9	-6.0	0.7	8.0	3.3	4.8	3.0	3.9	1.7
2015	1.2	1.2	8.4	-0.2	0.5	3.4	4.9	2.6	4.5	3.7	2.9	0.5
2016	-3.4	1.2	0.6	0.7	1.7	5.6	2.4	2.9	5.1	3.7	2.4	1.6
Revisions												
	ZZ52	ZZ53	ZZ55	ZZ54	ZZ56	ZZ57	ZZ58	ZZ59	ZZ5A	ZZ5B	ZZ5C	ZZ5D
2014	-1.7	-	-	-	0.2	-0.1	1.0	0.1	-0.1	-0.3	-0.1	0.7
2015	-	-	-0.3	0.2	0.5	-	-0.5	-	0.2	0.3	-0.5	0.4
2016	-2.3	0.1	-1.6	0.2	0.9	-0.3	1.4	-0.4	-	0.4	-0.7	-0.3
Percentage change, latest quarter on previous quarter												
Current estimates³												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2014 Q4	2.3	0.3	1.4	0.4	-1.8	1.2	0.4	1.2	1.8	1.8	1.1	0.6
2015 Q1	-1.8	0.3	1.0	-0.1	2.4	0.5	1.6	0.1	1.0	0.1	0.2	-0.4
Q2	0.6	0.6	8.8	-0.6	-2.2	4.0	0.7	0.6	1.0	1.1	0.4	0.4
Q3	-0.3	-	1.4	-0.4	0.7	-	-0.4	0.4	0.6	0.9	0.4	-0.1
Q4	-1.3	-0.4	-3.1	0.1	-1.8	0.5	1.2	0.7	1.3	0.5	0.6	0.8
2016 Q1	-4.1	-0.1	-3.1	-	1.0	1.6	0.5	0.8	1.9	1.3	0.4	0.4
Q2	-1.0	2.2	2.2	1.6	5.7	2.4	2.1	0.4	0.8	0.3	0.5	0.1
Q3	-0.2	-0.5	5.0	-0.7	-3.8	0.5	0.5	0.7	1.1	2.4	0.2	0.4
Q4	1.0	0.7	-8.8	1.3	3.4	1.0	2.2	0.6	1.9	0.7	0.3	0.1
2017 Q1	-0.3	0.3	2.9	0.6	-4.1	2.0	1.9	0.1	-0.8	-0.8	0.6	0.4
Q2	-0.1	-0.3	0.6	-0.3	-0.3	-1.0	-0.5	0.4	0.9	1.2	0.1	0.3
Previous estimates²												
	A2CX	A2CY	A2DO	A2DL	A2DR	A2DS	A2DT	A2DU	A2DV	A2DW	A2DX	A2DY
2014 Q4	2.6	0.3	1.4	0.3	-2.1	1.3	0.3	1.0	1.6	1.2	1.5	-0.1
2015 Q1	-3.1	0.4	1.8	-0.1	2.1	0.5	2.7	0.1	0.9	0.3	0.2	-0.5
Q2	1.0	0.6	8.1	-0.5	-2.5	4.0	0.6	0.5	0.9	0.9	0.2	0.5
Q3	0.5	0.1	1.7	-0.4	1.4	-	-0.9	0.5	0.8	0.5	0.5	0.2
Q4	0.3	-0.4	-2.3	0.1	-2.2	0.5	1.0	1.0	1.2	1.2	0.9	0.7
2016 Q1	-3.4	-0.3	-2.6	-0.3	0.4	2.5	1.2	0.7	1.8	0.4	0.4	0.5
Q2	-1.2	2.2	2.3	1.8	5.6	2.0	0.9	0.6	0.9	0.6	0.7	0.1
Q3	-	-0.4	4.5	-0.7	-4.3	-0.1	-0.3	0.9	1.1	2.6	0.7	0.3
Q4	1.0	0.4	-6.9	1.2	4.0	0.9	1.0	0.8	2.0	0.8	0.5	0.3
2017 Q1	0.1	0.1	1.5	0.3	-4.2	1.0	1.1	0.1	-0.6	-0.8	0.5	0.4
Q2	0.4	-0.3	0.4	-0.6	-0.2	0.1	-1.3	0.5	0.9	1.2	0.3	0.4
Revisions												
	ZZ4A	ZZ4B	ZZ4D	ZZ4C	ZZ4E	ZZ4F	ZZ4G	ZZ4H	ZZ4I	ZZ4J	ZZ4K	ZZ4L
2014 Q4	-0.3	-	-	0.1	0.3	-0.1	0.1	0.2	0.2	0.6	-0.4	0.7
2015 Q1	1.3	-0.1	-0.8	-	0.3	-	-1.1	-	0.1	-0.2	-	0.1
Q2	-0.4	-	0.7	-0.1	0.3	-	0.1	0.1	0.1	0.2	0.2	-0.1
Q3	-0.8	-0.1	-0.3	-	-0.7	-	0.5	-0.1	-0.2	0.4	-0.1	-0.3
Q4	-1.6	-	-0.8	-	0.4	-	0.2	-0.3	0.1	-0.7	-0.3	0.1
2016 Q1	-0.7	0.2	-0.5	0.3	0.6	-0.9	-0.7	0.1	0.1	0.9	-	-0.1
Q2	0.2	-	-0.1	-0.2	0.1	0.4	1.2	-0.2	-0.1	-0.3	-0.2	-
Q3	-0.2	-0.1	0.5	-	0.5	0.6	0.8	-0.2	-	-0.2	-0.5	0.1
Q4	-	0.3	-1.9	0.1	-0.6	0.1	1.2	-0.2	-0.1	-0.1	-0.2	-0.2
2017 Q1	-0.4	0.2	1.4	0.3	0.1	1.0	0.8	-	-0.2	-	0.1	-
Q2	-0.5	-	0.2	0.3	-0.1	-1.1	0.8	-0.1	-	-	-0.2	-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)

Annex E - Output components of GDP- growths and revisions from previous estimate^{1,2}, Chained Volume Measures

continued

Seasonally adjusted data

Reference year 2015

	Agri- culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Const- ruction	Total Services	Distri- bution, hotels & restaurants	Transport, storage and commu- nications	Business services and finance	Govern- ment & other services
Percentage growths, latest quarter on corresponding quarter of previous year												
Current estimates³												
2014 Q4	L3ZZ 13.6	L426 1.3	L427 -0.4	L42D 2.9	L44C -3.4	L44G -2.5	L44M 8.4	L44Q 4.4	L47F 5.9	KII2 5.5	KIH9 4.5	KIH8 2.9
2015 Q1	4.4	1.4	1.3	1.4	4.4	-1.9	7.0	3.4	5.4	5.0	3.4	1.4
Q2	2.8	1.8	10.4	0.2	1.5	5.1	5.7	2.9	4.9	4.7	2.6	1.2
Q3	0.7	1.2	13.1	-0.7	-1.0	5.7	2.2	2.3	4.5	3.9	2.1	0.5
Q4	-2.8	0.5	7.9	-0.9	-0.9	5.0	3.0	1.8	4.0	2.6	1.5	0.6
2016 Q1	-5.1	-	3.6	-0.8	-2.3	6.2	2.0	2.5	4.8	3.8	1.8	1.5
Q2	-6.7	1.6	-2.8	1.3	5.5	4.5	3.4	2.3	4.6	3.1	1.9	1.1
Q3	-6.5	1.2	0.7	1.0	0.9	5.0	4.3	2.7	5.1	4.6	1.7	1.7
Q4	-4.4	2.3	-5.2	2.2	6.2	5.5	5.4	2.5	5.7	4.8	1.5	1.0
2017 Q1	-0.6	2.6	0.7	2.8	0.9	5.9	6.9	1.8	2.9	2.6	1.7	1.0
Q2	0.4	0.2	-0.9	0.9	-4.8	2.4	4.1	1.8	3.1	3.4	1.3	1.1
Previous estimates²												
2014 Q4	A2DZ 15.3	A2E2 1.3	A2E4 -0.3	A2E3 2.8	A2E5 -3.8	A2EE -2.5	A2EK 7.1	A2EL 4.3	A2EM 5.9	A2EN 5.5	A2EO 4.9	A2EP 1.9
2015 Q1	3.2	1.2	1.6	1.1	3.8	-1.9	7.5	3.4	5.3	5.0	4.2	0.6
Q2	2.4	1.5	9.3	-0.1	0.6	5.1	6.2	2.7	4.5	4.1	3.1	0.3
Q3	0.8	1.3	13.4	-0.8	-1.2	5.8	2.7	2.1	4.2	2.9	2.4	0.1
Q4	-1.5	0.7	9.3	-0.9	-1.3	4.9	3.4	2.1	3.8	2.9	1.9	0.9
2016 Q1	-1.7	-	4.6	-1.1	-2.9	7.1	1.8	2.6	4.8	3.0	2.1	1.9
Q2	-3.8	1.6	-0.9	1.2	5.1	5.0	2.1	2.7	4.7	2.7	2.6	1.5
Q3	-4.3	1.2	1.8	0.9	-0.8	4.9	2.7	3.1	5.1	4.8	2.8	1.6
Q4	-3.7	1.9	-3.0	2.0	5.4	5.3	2.8	2.9	6.0	4.4	2.3	1.2
2017 Q1	-0.2	2.3	1.1	2.5	0.7	3.8	2.8	2.3	3.5	3.2	2.4	1.1
Q2	1.4	-0.3	-0.9	0.2	-4.8	2.0	0.4	2.3	3.5	3.9	1.9	1.4
Revisions												
2014 Q4	ZZ4N -1.7	ZZ4O -	ZZ4Q -0.1	ZZ4P 0.1	ZZ4R 0.4	ZZ4S -	ZZ4T 1.3	ZZ4U 0.1	ZZ4V -	ZZ4W -	ZZ4X -0.4	ZZ4Y 1.0
2015 Q1	1.2	0.2	-0.3	0.3	0.6	-	-0.5	-	0.1	-	-0.8	0.8
Q2	0.4	0.3	1.1	0.3	0.9	-	-0.5	0.2	0.4	0.6	-0.5	0.9
Q3	-0.1	-0.1	-0.3	0.1	0.2	-0.1	-0.5	0.2	0.3	1.0	-0.3	0.4
Q4	-1.3	-0.2	-1.4	-	0.4	0.1	-0.4	-0.3	0.2	-0.3	-0.4	-0.3
2016 Q1	-3.4	-	-1.0	0.3	0.6	-0.9	0.2	-0.1	-	0.8	-0.3	-0.4
Q2	-2.9	-	-1.9	0.1	0.4	-0.5	1.3	-0.4	-0.1	0.4	-0.7	-0.4
Q3	-2.2	-	-1.1	0.1	1.7	0.1	1.6	-0.4	-	-0.2	-1.1	0.1
Q4	-0.7	0.4	-2.2	0.2	0.8	0.2	2.6	-0.4	-0.3	0.4	-0.8	-0.2
2017 Q1	-0.4	0.3	-0.4	0.3	0.2	2.1	4.1	-0.5	-0.6	-0.6	-0.7	-0.1
Q2	-1.0	0.5	-	0.7	-	0.4	3.7	-0.5	-0.4	-0.5	-0.6	-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 2015

	Final consumption expenditure							
	Households	Non-profit institutions ³	General government	Gross Capital Formation	Gross Fixed Capital Formation	Business investment	Total exports	less Total imports
Percentage change, latest year on previous year								
Current estimates⁴								
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N
2014	2.2	1.5	2.5	10.9	7.1	5.1	2.7	4.5
2015	2.7	-0.8	0.6	4.1	2.8	3.7	5.0	5.1
2016	2.9	0.6	1.1	0.8	1.3	-0.4	1.1	4.3
Previous estimates²								
	A275	A276	A289	A28J	A28L	A29D	A29F	A2CK
2014	2.1	2.7	2.3	9.4	6.7	3.9	1.5	2.5
2015	2.5	0.8	1.3	1.1	3.4	5.1	6.1	5.5
2016	2.8	1.4	0.8	-2.4	0.5	-1.5	1.8	2.8
Revisions								
	ZZ83	ZZ84	ZZ85	ZZ86	ZZ87	ZZ88	ZZ89	ZZ8A
2014	0.1	-1.2	0.2	1.5	0.4	1.2	1.2	2.0
2015	0.2	-1.6	-0.7	3.0	-0.6	-1.4	-1.1	-0.4
2016	0.1	-0.8	0.3	3.2	0.8	1.1	-0.7	1.5
Percentage change, latest quarter on previous quarter								
Current estimates⁴								
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O
2014 Q4	-0.2	-0.3	-0.5	5.5	-0.6	-0.8	4.4	3.8
2015 Q1	1.0	-0.6	-	0.8	2.8	5.2	-	1.3
Q2	0.7	0.7	0.6	-5.9	1.4	0.1	2.0	-1.5
Q3	1.0	-1.2	0.3	1.7	-3.1	-3.3	-1.0	0.8
Q4	0.4	1.3	-0.4	5.7	0.1	0.1	1.9	3.2
2016 Q1	0.8	0.2	1.0	-1.4	0.6	-0.1	-2.4	-0.1
Q2	0.9	0.4	-0.1	-3.9	1.9	0.9	2.5	0.8
Q3	0.6	-0.9	-	8.1	0.8	1.4	-1.9	3.0
Q4	0.4	-	0.2	-8.4	0.4	-0.1	5.4	-0.7
2017 Q1	0.4	0.3	0.2	2.6	0.5	0.8	-0.3	1.0
Q2	0.2	0.4	0.1	-1.8	0.6	0.5	1.7	0.2
Previous estimates²								
	A24M	A24X	A24Y	A25I	A25J	A25M	A264	A268
2014 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	1.5	0.4	2.1	-	-1.1	-2.9	0.4
Q2	0.8	0.1	0.2	-2.3	0.2	0.8	1.3	0.3
Q3	0.8	-0.2	-0.1	8.2	0.6	0.4	-2.1	2.3
Q4	0.7	0.8	-	-9.0	0.1	-0.9	4.6	-1.0
2017 Q1	0.4	0.5	0.7	4.0	1.0	0.6	-0.7	1.7
Q2	0.1	0.3	0.6	0.9	0.7	-	0.7	0.7
Revisions								
	ZZ7L	ZZ7M	ZZ7N	ZZ7O	ZZ7P	ZZ7Q	ZZ7R	ZZ7S
2014 Q4	-0.1	0.3	-0.3	1.4	-1.3	-2.7	0.4	1.0
2015 Q1	0.3	-1.7	-0.4	1.0	1.3	2.5	-3.2	-2.8
Q2	0.2	-0.1	-0.3	-2.6	0.2	0.4	2.7	0.8
Q3	-0.1	0.7	-0.3	2.4	-3.9	-5.2	-0.4	0.2
Q4	-	0.6	-0.2	9.7	1.0	2.5	-4.0	1.1
2016 Q1	0.1	-1.3	0.6	-3.5	0.6	1.0	0.5	-0.5
Q2	0.1	0.3	-0.3	-1.6	1.7	0.1	1.2	0.5
Q3	-0.2	-0.7	0.1	-0.1	0.2	1.0	0.2	0.7
Q4	-0.3	-0.8	0.2	0.6	0.3	0.8	0.8	0.3
2017 Q1	-	-0.2	-0.5	-1.4	-0.5	0.2	0.4	-0.7
Q2	0.1	0.1	-0.5	-2.7	-0.1	0.5	1.0	-0.5

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 Non-profit institutions serving households

4 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 2015

		Final consumption expenditure							
		House-holds	Non-prof-it institutions	General government	Gross capital formation	Gross fixed capital formation	Business investment	Total exports	less Total imports
Percentage change, latest quarter on corresponding quarter of the previous year									
Current estimates³									
		KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P
2014 Q4		2.0	0.1	1.7	6.5	4.1	2.8	7.7	5.1
2015 Q1		2.4	-1.7	0.9	7.7	4.8	8.0	6.9	7.1
Q2		2.8	-0.3	0.5	5.1	4.9	4.0	5.0	5.4
Q3		2.5	-1.4	0.5	1.8	0.4	1.1	5.3	4.4
Q4		3.2	0.2	0.6	1.9	1.1	2.0	2.8	3.7
2016 Q1		2.9	0.9	1.6	-0.3	-1.1	-3.2	0.3	2.3
Q2		3.2	0.7	0.9	1.8	-0.6	-2.5	0.8	4.8
Q3		2.7	1.1	0.6	8.2	3.5	2.2	-0.2	7.0
Q4		2.7	-0.2	1.1	-6.2	3.7	2.0	3.3	3.0
2017 Q1		2.3	-0.1	0.3	-2.4	3.7	2.9	5.6	4.1
Q2		1.6	-0.2	0.5	-0.3	2.4	2.5	4.9	3.4
Previous estimates²									
		A26C	A26H	A26I	A26J	A26K	A26L	A26M	A26N
2014 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	1.1	1.7	-5.9	1.1	-1.9	1.4	0.7
Q2		3.0	0.4	1.0	-5.0	0.1	-0.9	3.5	3.4
Q3		2.6	2.1	0.3	3.5	-0.1	-2.4	1.9	5.2
Q4		2.9	2.2	0.4	-1.9	1.0	-0.9	0.6	2.0
2017 Q1		2.6	1.2	0.8	-0.1	2.0	0.7	2.9	3.3
Q2		2.0	1.3	1.2	3.2	2.5	-	2.4	3.7
Revisions									
		ZZ7T	ZZ7U	ZZ7V	ZZ7W	ZZ7X	ZZ7Y	ZZ7Z	ZZ82
2014 Q4		0.2	-2.5	-	-1.0	0.8	-0.2	2.9	2.7
2015 Q1		-	-3.8	0.3	-1.7	2.8	-1.5	1.4	0.3
Q2		0.3	-1.1	-0.8	0.8	-	1.0	-0.1	-0.3
Q3		0.3	-0.9	-1.1	2.2	-3.9	-5.2	-0.5	-0.7
Q4		0.5	-0.5	-1.1	10.0	-1.5	0.1	-5.0	-0.7
2016 Q1		0.2	-0.2	-0.1	5.6	-2.2	-1.3	-1.1	1.6
Q2		0.2	0.3	-0.1	6.8	-0.7	-1.6	-2.7	1.4
Q3		0.1	-1.0	0.3	4.7	3.6	4.6	-2.1	1.8
Q4		-0.2	-2.4	0.7	-4.3	2.7	2.9	2.7	1.0
2017 Q1		-0.3	-1.3	-0.5	-2.3	1.7	2.2	2.7	0.8
Q2		-0.4	-1.5	-0.7	-3.5	-0.1	2.5	2.5	-0.3

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

	Compen- sation 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
2014	2.1	9.6	6.8	5.0
2015	3.1	0.3	5.4	2.8
2016	4.0	2.5	3.9	4.2
Previous estimates²				
	A2CT	A2CU	A2CV	A2CW
2014	2.3	8.0	8.0	5.0
2015	3.2	1.2	3.9	3.0
2016	3.7	1.7	4.9	4.1
Revisions				
	ZZ8J	ZZ8K	ZZ8L	ZZ8M
2014	-0.2	1.6	-1.2	-
2015	-0.1	-0.9	1.5	-0.2
2016	0.3	0.8	-1.0	0.1
Percentage change, latest quarter on previous quarter				
Current estimates³				
	KGI4	KH4W	KH6U	KH66
2014 Q4	1.3	-3.9	0.9	1.9
2015 Q1	0.5	1.3	1.4	-1.6
Q2	0.8	2.0	1.9	3.2
Q3	0.7	-3.7	2.1	1.0
Q4	0.9	-0.4	-0.2	0.4
2016 Q1	0.1	5.0	0.6	0.9
Q2	2.3	-1.7	2.1	1.3
Q3	1.6	-0.3	0.5	0.3
Q4	0.6	2.8	0.2	2.0
2017 Q1	0.8	2.3	0.2	-1.1
Q2	1.0	-0.2	0.7	1.2
Previous estimates²				
	A2CL	A2CM	A2CN	A2CO
2014 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	0.4	3.5	1.1	-0.9
Q2	2.1	-	1.8	1.2
Q3	1.1	-0.6	1.0	0.3
Q4	0.4	2.7	0.6	4.8
2017 Q1	0.6	4.1	0.5	-4.6
Q2	1.2	-0.1	0.4	1.7
Revisions				
	ZZ8B	ZZ8C	ZZ8D	ZZ8E
2014 Q4	-	-0.2	-	-1.4
2015 Q1	-	-0.5	1.1	1.0
Q2	-	-0.5	0.4	0.7
Q3	-0.2	-	1.3	-0.7
Q4	0.4	0.7	-1.4	-1.3
2016 Q1	-0.3	1.5	-0.5	1.8
Q2	0.2	-1.7	0.3	0.1
Q3	0.5	0.3	-0.5	-
Q4	0.2	0.1	-0.4	-2.8
2017 Q1	0.2	-1.8	-0.3	3.5
Q2	-0.2	-0.1	0.3	-0.5

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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				
2014 Q4	KGI5 2.2	KH4X 7.4	KH6V 6.8	KH67 4.1
2015 Q1	2.6	4.7	5.4	1.0
Q2	3.5	2.0	4.2	2.6
Q3	3.3	-4.3	6.5	4.4
Q4	2.9	-0.9	5.3	2.9
2016 Q1	2.5	2.7	4.5	5.6
Q2	4.0	-1.0	4.7	3.7
Q3	5.0	2.5	3.0	3.0
Q4	4.7	5.8	3.5	4.6
2017 Q1	5.4	3.1	3.0	2.5
Q2	4.1	4.7	1.6	2.4
Previous estimates²				
2014 Q4	A2CP 2.8	A2CQ 7.0	A2CR 8.1	A2CS 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	1.0	4.7	5.1
Q2	3.9	-1.4	4.9	3.8
Q3	4.2	1.8	5.2	2.3
Q4	4.1	5.7	4.6	5.4
2017 Q1	4.3	6.3	4.0	1.5
Q2	3.3	6.2	2.6	1.9
Revisions				
2014 Q4	ZZ8F -0.6	ZZ8G 0.4	ZZ8H -1.3	ZZ8I -0.4
2015 Q1	-0.4	-1.1	0.7	-0.2
Q2	-0.1	-1.1	0.9	0.2
Q3	-0.2	-1.0	2.9	-0.5
Q4	0.2	-0.3	1.4	-0.4
2016 Q1	-0.1	1.7	-0.2	0.5
Q2	0.1	0.4	-0.2	-0.1
Q3	0.8	0.7	-2.2	0.7
Q4	0.6	0.1	-1.1	-0.8
2017 Q1	1.1	-3.2	-1.0	1.0
Q2	0.8	-1.5	-1.0	0.5

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