

Statistical bulletin

Second Estimate of GDP: Quarter 4 (Oct to Dec) 2015

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



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1. Main points

UK GDP in volume terms was estimated to have increased by 0.5% between Quarter 3 (July to Sept) 2015 and Quarter 4 (Oct to Dec) 2015, unrevised from the preliminary estimate of GDP published on 28 January 2016.

Between 2014 and 2015, GDP in volume terms increased by 2.2%, unrevised from the previous estimate. Between Quarter 4 2014 and Quarter 4 2015, GDP in volume terms increased by 1.9%, unrevised from the previously published estimate.

GDP in current prices remained flat between Quarter 3 2015 and Quarter 4 2015.

GDP per head in volume terms was estimated to have increased by 0.3% between Quarter 3 2015 and Quarter 4 2015. Between 2014 and 2015, GDP per head increased by 1.5%.

2. Understanding GDP

GDP growth is the main indicator of economic performance. There are 3 approaches used to measure GDP.

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

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

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

The second estimate of GDP is based on revised output data, together with data from some expenditure and income components. The output GVA and GDP estimates are balanced with the equivalent income and expenditure approaches to produce headline estimates of GVA and GDP. Further information on all 3 approaches to measuring GDP can be found in the [Short Guide to National Accounts \(105.5 Kb Pdf\)](#).

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

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

In line with [national accounts revisions policy](#), the earliest period open for revision in this release is Quarter 1 (Jan to Mar) 2015.

About the Second Estimate of GDP

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

The quality of the GDP estimate

The national accounts are drawn together using data from many different sources. This ensures that the national accounts are comprehensive and provide different perspectives on the economy, e.g. sales by retailers and purchases by households. One source of information is from business surveys which use information provided directly from UK businesses. These data are subject to many layers of vigorous quality assurance by highly trained personnel, from clarity and confirmation of individual unit data direct from the business contact to scrutiny of data at the macro level. Other sources of data include other government departments and administrative data, including Value-Added Tax data from HM Revenue & Customs (HMRC) which are subject to quality checks and challenge from ONS. By comparing and contrasting these different sources, the national accounts produce a single picture of the economy which is consistent, coherent and fully integrated.

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

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

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

One dimension of measuring accuracy is reliability, which is measured using evidence from analyses of revision to assess the closeness of early estimates to subsequently estimated values. Many users try to minimise the impact of uncertainty through using the historical experience of revisions as a basis for estimating how confident they are in early releases and predicting how far and in what direction the early release might be revised. Revisions are an inevitable consequence of the trade-off between timeliness and accuracy. The estimate is subject to revisions as more data become available, but between the preliminary and third estimates of GDP, revisions are typically small (around 0.1 to 0.2 percentage points), with the frequency of upward and downward revisions broadly equal. Many different approaches can be used to summarise revisions; the Validation and Quality Assurance section in the [Quality and Methodology Information paper \(518.9 Kb Pdf\)](#) analyse the mean average revision and the mean absolute revision for GDP estimates over data publication iterations. In addition to this analysis, Section 14 of the [Revisions to GDP and components in Blue Books 2014 and 2015](#) article updates the metrics used to test revisions performance in order to answer the question 'Is GDP biased?'

3. Headline GDP components and GDP per head

Table 1: Economic indicators for the UK, Quarter 4 (Oct to Dec) 2015

	Current market prices		Chained volume measures		Gross fixed capital formation	% growth ¹ GDP per head
	GDP	Compensation of employees	GDP	Household expenditure		
Seasonally adjusted						
Q4 2013	0.7	-0.2	0.6	0.7	2.1	0.5
Q1 2014	1.2	0.6	0.6	0.5	0.6	0.4
Q2 2014	1.5	-0.2	0.8	0.8	2.6	0.6
Q3 2014	1.1	1.3	0.7	0.6	1.8	0.5
Q4 2014	0.2	1.3	0.7	0.6	0.1	0.5
Q1 2015	0.6	0.8	0.4	0.8	1.4	0.2
Q2 2015	0.9	0.9	0.6	0.9	1.6	0.4
Q3 2015	0.4	0.6	0.4	0.8	-0.1	0.2
Q4 2015	0.0	0.7	0.5	0.7	-0.1	0.3

Source: Office for National Statistics

Notes:

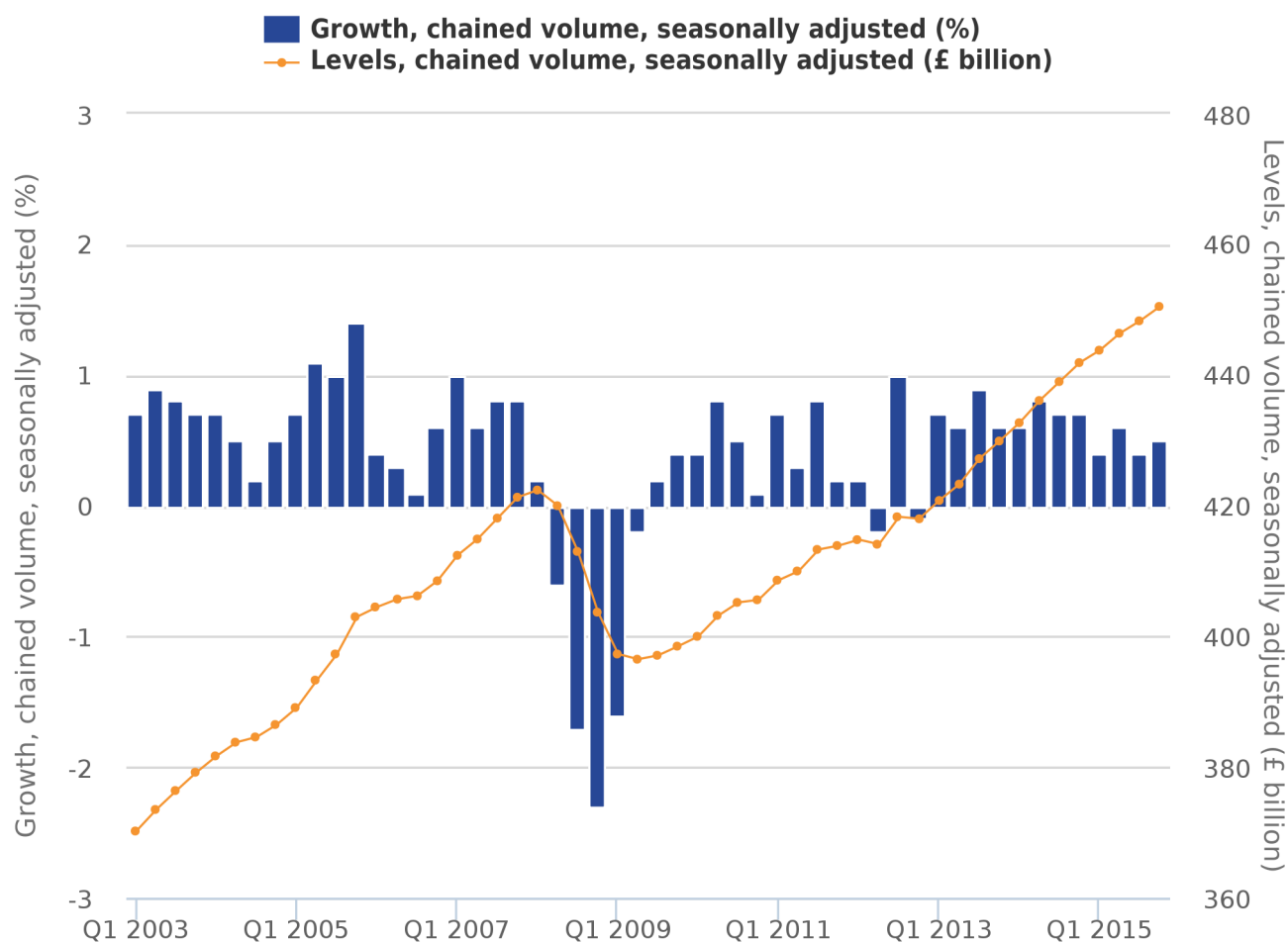
1. Percentage change on previous quarter.
2. Q1 refers Jan to Mar.
3. Q2 refers Apr to Jun.
4. Q3 refers Jul to Sept.
5. Q4 refers to Oct to Dec.

4. Historical context

As seen in Figure 1, GDP in the UK grew steadily during the 2000s until a financial market shock affected UK and global economic growth in 2008 and 2009. Economic growth resumed towards the end of 2009, but generally at a slower rate than the period prior to 2008. From the peak in Quarter 1 (Jan to Mar) 2008 to the trough in Quarter 2 (Apr to June) 2009 GDP decreased by 6.1%. This can be compared to previous economic downturns in the early 1980s and early 1990s, which saw lower levels of impact on GDP. In the early 1990s downturn, GDP decreased by 2.2% from the peak in Quarter 2 1990 to the trough in Quarter 3 (Jul to Sept) 1991. In the early 1980s downturn, GDP decreased by 5.6% from the peak in Quarter 2 1979 to the trough in Quarter 1 1981.

Figure 1: Quarterly growth and levels of UK GDP

Quarter 1 (Jan to Mar) 2003 to Quarter 4 (Oct to Dec) 2015



Source: Office for National Statistics

Notes:

1. Q1 is Quarter 1 (Jan to Mar).

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

Quarter 4 2015 has shown continued strength with GDP growing by 0.5% compared with the previous quarter, by 1.9% between Quarter 4 2014 and Quarter 4 2015, and by 2.2% between 2014 and 2015. GDP has now increased for 12 consecutive quarters, breaking a pattern of slow and erratic growth from 2009.

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

[Annex A contains output component growth rates](#) back to Quarter 1 (Jan to Mar) 2015.

Two of the four main output industrial groupings within GDP showed increases in Quarter 4 (Oct to Dec) 2015 compared with Quarter 3 (July to Sept) 2015, with production and construction falling in this period. Within

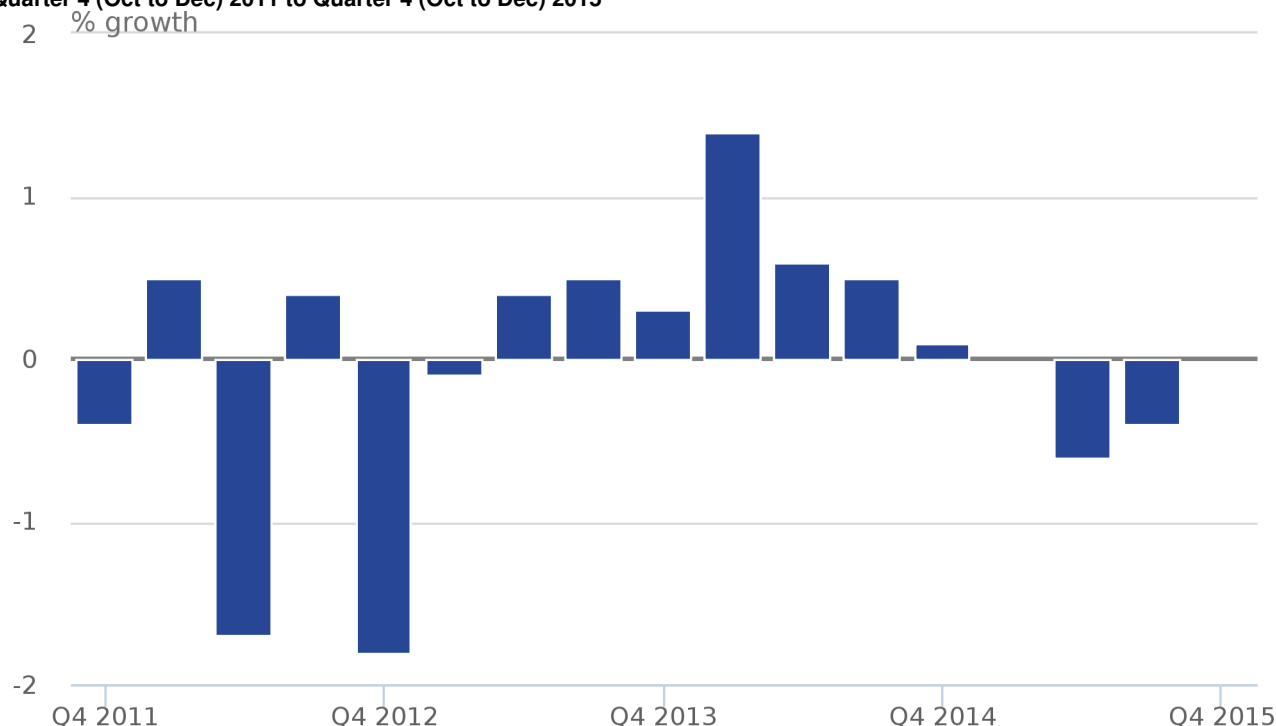
production, three of the four components decreased with only manufacturing showing flat growth. This resulted in overall negative growth in total production. All components within the service industries showed increases.

Production output decreased by 0.5% in Quarter 4 2015 compared with Quarter 3 2015, revised down 0.3 percentage points from the previously published estimate. Within the production sub-industries, output from mining and quarrying, including oil and gas extraction, decreased by 2.3%; manufacturing (the largest component of production) remained flat (Figure 2), and electricity, gas, steam and air conditioning supply industries decreased by 2.4%. Water supply and sewerage decreased by 0.4%.

When comparing Quarter 4 2015 with Quarter 4 2014, production output increased by 0.6%, revised down 0.5 percentage points from the previously published estimate. Mining and quarrying, including oil and gas extraction, increased by 8.7%, while water supply and sewerage increased by 4.0%. Manufacturing fell by 1.0% between these periods while the electricity, gas, steam and air conditioning supply industries decreased by 1.3%.

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

Quarter 4 (Oct to Dec) 2011 to Quarter 4 (Oct to Dec) 2015



Source: Office for National Statistics

Notes:

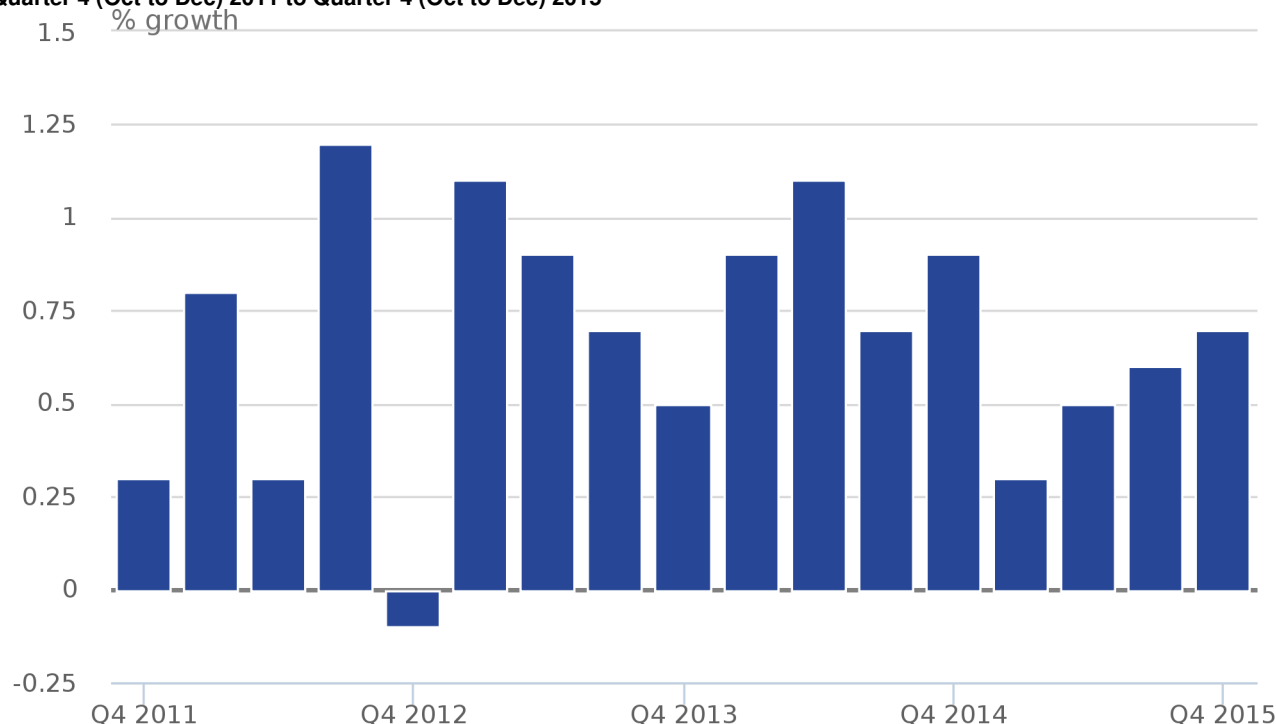
1. Q1 is Quarter 1 (Jan to Mar).
2. Q2 is Quarter 2 (Apr to June).
3. Q3 is Quarter 3 (July to Sept).
4. Q4 is Quarter 4 (Oct to Dec).
5. Chained volume measures, seasonally adusted.

Construction output decreased by 0.4% in Quarter 4 2015, revised down 0.3 percentage points from the previously published estimate. Construction output increased by 0.4% between Quarter 4 2014 and Quarter 4 2015, revised up 0.1 percentage points from the previously published estimate.

The service industries increased by 0.7% in Quarter 4 2015 (Figure 3), unrevised from the previous estimate, marking the twelfth consecutive quarter of positive growth. This follows a 0.6% increase in Quarter 3 2015.

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

Quarter 4 (Oct to Dec) 2011 to Quarter 4 (Oct to Dec) 2015



Source: Office for National Statistics

Notes:

1. Q1 is Quarter 1 (Jan to Mar).
2. Q2 is Quarter 2 (Apr to June).
3. Q3 is Quarter 3 (July to Sept).
4. Q4 is Quarter 4 (Oct to Dec).
5. Chained volume measures, seasonally adjusted.

Output of the distribution, hotels and restaurants industries increased by 1.4% in Quarter 4 2015, following a 0.9% increase in Quarter 3 2015. The increase in the latest quarter was largely due to retail trade, except of motor vehicles and motorcycles.

Output of the transport, storage and communication industries increased by 0.9% in Quarter 4 2015, following a 0.9% increase in Quarter 3 2015. The largest contributor to the increase was computer programming, consultancy and related activities.

Business services and finance industries' output increased by 0.7% in Quarter 4 2015, following a 0.6% increase in Quarter 3 2015. The largest contributors to the increase were office administrative, office support and other business support activities and imputed rent.

Output of government and other services increased by 0.2% in Quarter 4 2015, after increasing by 0.3% in Quarter 3 2015. In the latest quarter the largest upward contribution came from education.

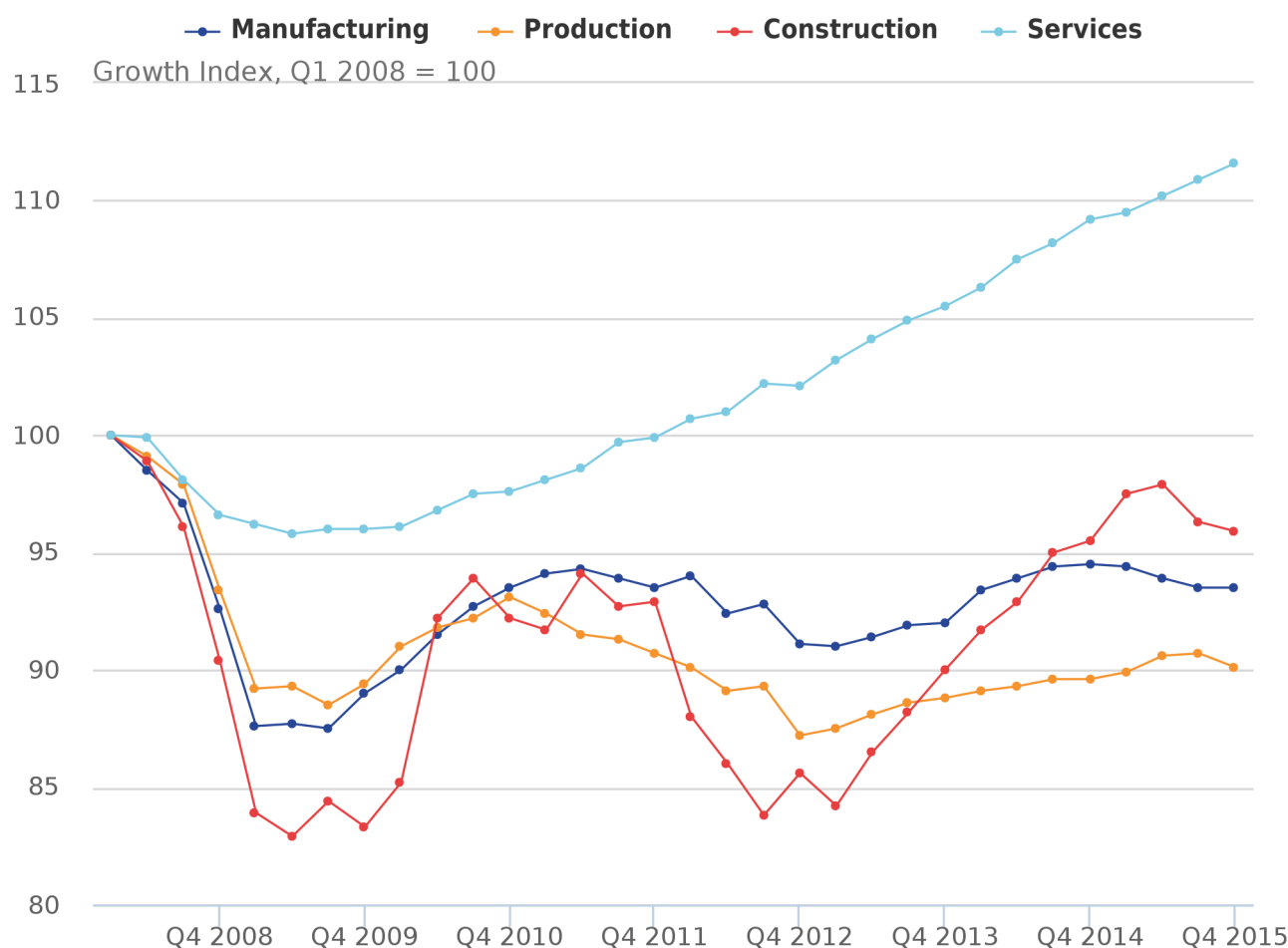
Further detail on the service industries' lower level components can be found in the [Index of Services statistical bulletin](#) published on the same day as this release.

Gross value added (GVA) excluding oil and gas extraction increased by 0.5% in Quarter 4 2015 following a 0.4% increase in Quarter 3 2015.

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

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

Quarter 1 (Jan to Mar) 2008 to Quarter 4 (Oct to Dec) 2015



Source: Office for National Statistics

Notes:

1. Q1 is Quarter 1 (Jan to Mar).
2. Chained volume measure, seasonally adjusted.

Industries have shown differing trends following the recent economic downturn. The construction, manufacturing and production industries were more acutely affected by the deterioration in economic conditions, with output falling from peak to trough by 17.1%, 12.3% and 10.6% respectively. In contrast, output in the services industry only fell by 4.1% from its peak to trough.

Production and construction began to grow again in 2010, with manufacturing showing particular strength – neither industry sustained this growth. Production output fell between 2011 and 2013, falling below levels seen at the height of the downturn in 2009. Construction output also fell sharply in 2012, with output falling close to its

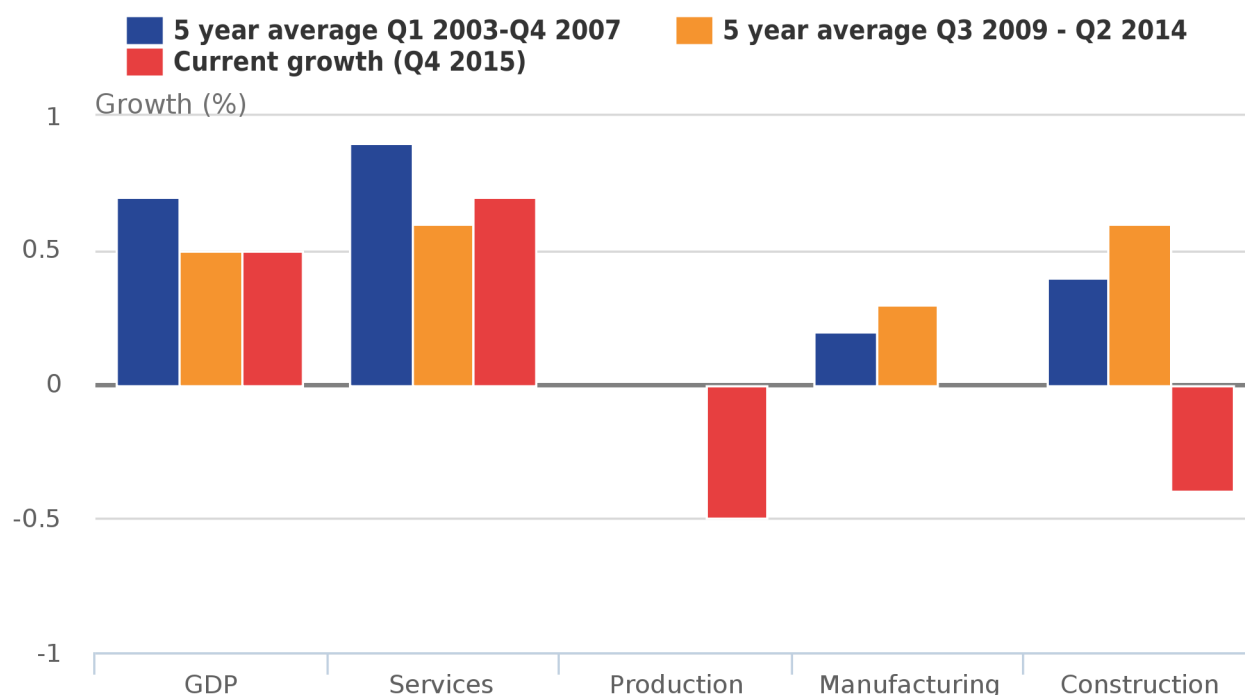
2009 trough. Construction output in 2015 as a whole was 3.4% higher than 2014, much lower than the rate of growth for 2014 (7.5%). This was largely due to the 2 consecutive quarters of negative growth in the second half of 2015, with construction output falling by 1.7% and 0.4% in Quarter 3 2015 and Quarter 4 2015 respectively. Although there has been some growth across all major components of GDP since the start of 2013, the service industry remains the largest and steadiest contributor to overall economic growth, and is the only headline industry in which output has exceeded pre-downturn levels.

Figure 5 shows the average compound quarterly growth rate experienced over the five years prior to the economic downturn in 2008, the average growth rate experienced between Quarter 3 2009 and Quarter 2 (Apr to June) 2014 (five years following the downturn), and the current quarterly growth rate observed in the most recent period (Quarter 4 2015). Compound average growth is the rate at which a series would have increased or decreased if it had grown or fallen at a steady rate over a number of periods. This allows the composition of growth in the recent economic recovery to be compared to the long run average.

The UK experienced slightly slower average compound GDP growth in the five years following the economic downturn compared with the five years prior: this is also true of the services industry. Figure 5 shows that in Quarter 4 2015, only the services industry outperformed its post-downturn average rate of growth, with production and construction being relatively weak (falling by 0.5% and 0.4% respectively) while manufacturing was broadly stable. In Quarter 4 2015 the accommodation and food services have shown particular strength when compared to both the production 5 year average, prior and post downturn.

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

Figure 5: UK GDP quarterly average compound growth by industry grouping before and after the 2008 to 2009 economic downturn



Source: Office for National Statistics

Notes:

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

6. GDP analysed by expenditure categories, chained volume measures, table C2

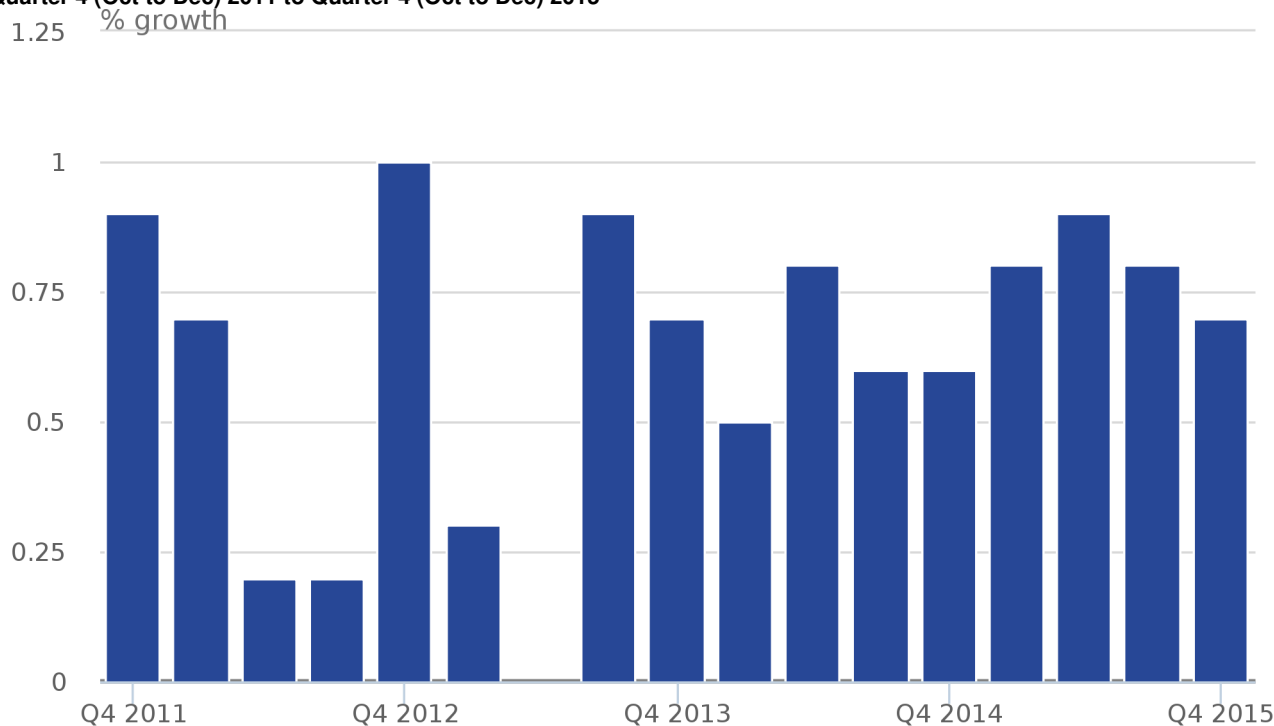
[Annex B contains expenditure component growth rates](#) back to Quarter 1 (Jan to Mar) 2015.

Gross domestic expenditure (the sum of all expenditure by UK residents on goods and services that are not used up or transformed in a productive process) increased by 0.8% in Quarter 4 (Oct to Dec) 2015. Annually, between 2014 and 2015 gross domestic expenditure increased by 2.7%.

Household final consumption expenditure (HHFCE) increased by 0.7% in Quarter 4 2015, and has increased for 10 consecutive quarters (Figure 6). The largest contribution to the increase in household final consumption expenditure in Quarter 4 2015 came from furniture and furnishings. When compared with the same quarter a year ago, HHFCE has been rising each quarter since Quarter 4 2011 and was 3.1% higher in Quarter 4 2015 than in the same period a year ago. Between 2014 and 2015 HHFCE increased by 3.0%.

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

Quarter 4 (Oct to Dec) 2011 to Quarter 4 (Oct to Dec) 2015



Source: Office for National Statistics

Notes:

1. Q1 is Quarter 1 (Jan to Mar).
2. Q2 is Quarter 2 (Apr to June).
3. Q3 is Quarter 3 (July to Sept).
4. Q4 is Quarter 4 (Oct to Dec).
5. Chained volume measure, seasonally adjusted.

Note that in the quarters of 2013 only, “National” HHFCE chained volume measure data is not the sum of its components.

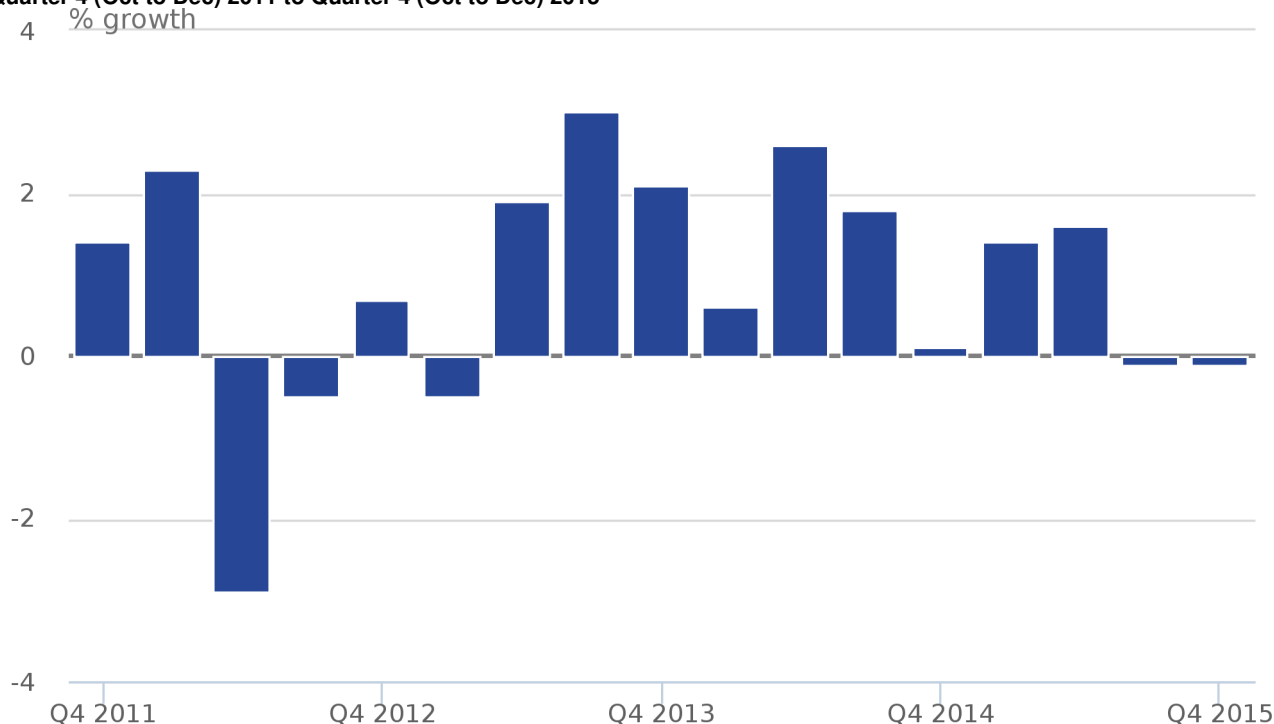
Government final consumption expenditure increased by 0.5% in Quarter 4 2015, following a 0.6% increase in Quarter 3 (July to Sept) 2015. Between Quarter 4 2014 and Quarter 4 2015, government final consumption expenditure increased by 2.5%. Between 2014 and 2015, government final consumption expenditure increased by 1.7%.

Non-profit institutions serving households’ (NPISH) final consumption expenditure increased by 0.5% in Quarter 4 2015, following a 1.5% fall in Quarter 3 2015. Between Quarter 4 2014 and Quarter 4 2015, NPISH final consumption expenditure increased by 3.2%. Annually, NPISH final consumption expenditure increased by 0.9% between 2014 and 2015.

In Quarter 4 2015, gross fixed capital formation (GFCF) was estimated to have decreased by 0.1% (Figure 7). Between Quarter 4 2014 and Quarter 4 2015, GFCF increased by 2.7%. GFCF increased by 4.2% between 2014 and 2015. More detail on GFCF, including a breakdown of the GFCF components, can be found in the [Business Investment](#) statistical bulletin published on the same day as this release.

Figure 7: UK gross fixed capital formation growth, quarter-on-quarter

Quarter 4 (Oct to Dec) 2011 to Quarter 4 (Oct to Dec) 2015



Source: Office for National Statistics

Notes:

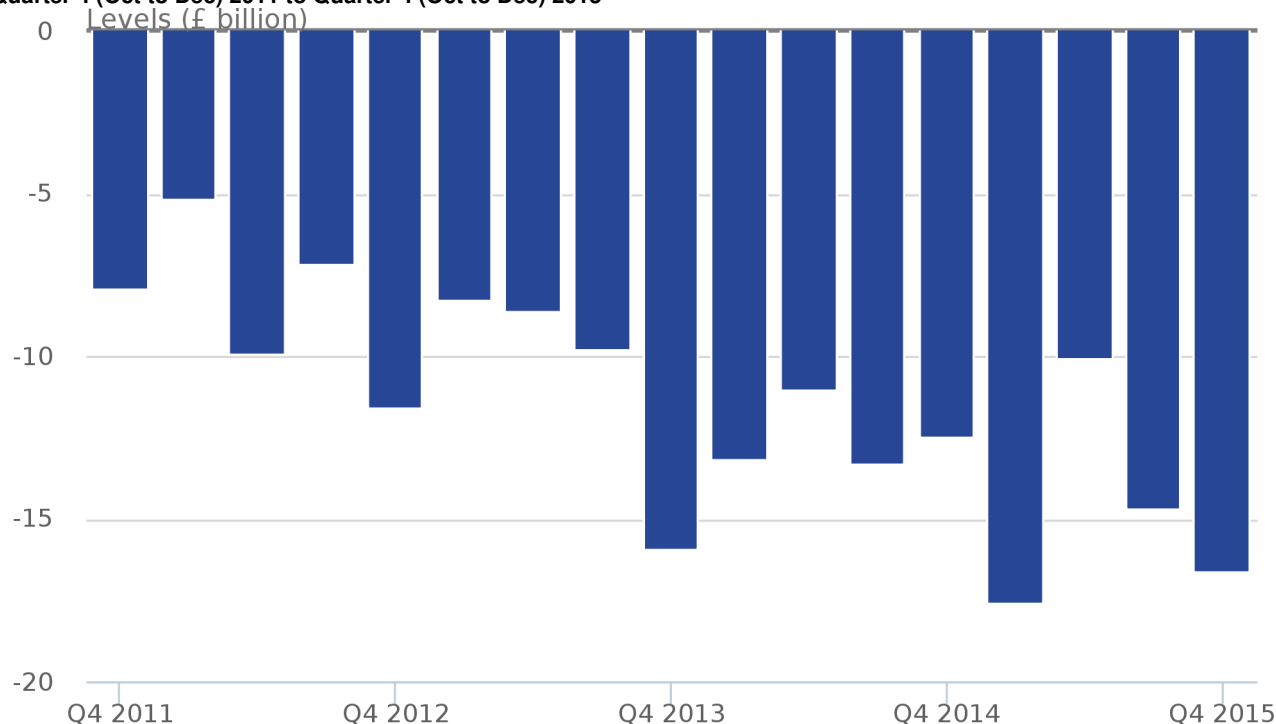
1. Q1 is Quarter 1 (Jan to Mar).
2. Q2 is Quarter 2 (Apr to June).
3. Q3 is Quarter 3 (July to Sept).
4. Q4 is Quarter 4 (Oct to Dec).
5. Chained volume measure, seasonally adjusted.

Including the alignment adjustment, the level of inventories increased by £3.6 billion in Quarter 4 2015, following a rise of £1.7 billion in Quarter 3 2015.

The trade balance deficit widened from £14.7 billion in Quarter 3 2015 to £16.6 billion in Quarter 4 2015 (Figure 8). The trade position reflects exports minus imports. Following a 0.5% decrease in Quarter 3 2015, exports decreased by 0.1% in the latest quarter, while imports increased by 1.2% in Quarter 4 2015 following a 2.7% rise in Quarter 3 2015.

Figure 8: UK trade balance

Quarter 4 (Oct to Dec) 2011 to Quarter 4 (Oct to Dec) 2015



Source: Office for National Statistics

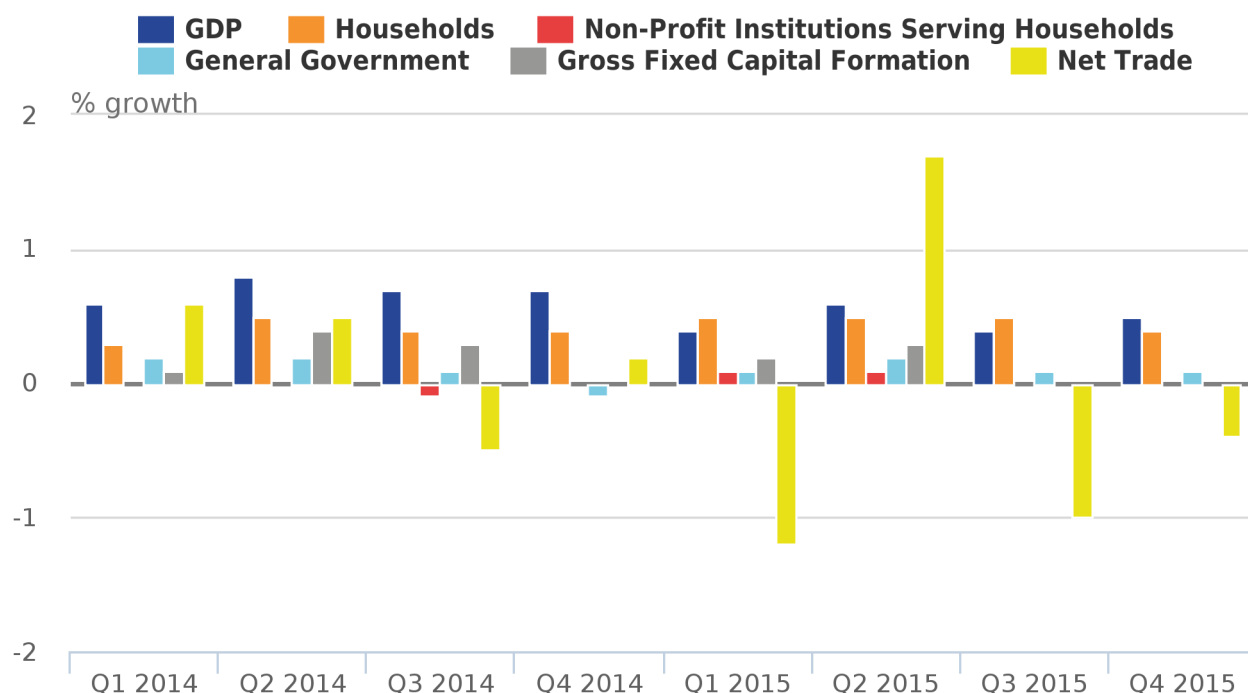
Notes:

1. Q1 is Quarter 1 (Jan to Mar).
2. Q2 is Quarter 2 (Apr to June).
3. Q3 is Quarter 3 (July to Sept).
4. Q4 is Quarter 4 (Oct to Dec).
5. Chained volume measures, seasonally adjusted.

Figure 9 shows the quarterly contribution of the expenditure components to the growth of GDP in chained volume measures. For Quarter 4 2015, the largest positive contribution to GDP came from household final consumption expenditure, which contributed 0.4 percentage points. Gross capital formation contributed 0.3 percentage points to GDP and general government final consumption expenditure contributed 0.1 percentage points. There was one negative contribution to GDP; Net Trade contributing a negative 0.4 percentage points. Non-profit institutions serving households made a flat contribution to GDP.

Figure 9: UK expenditure components percentage contribution to GDP growth, quarter-on-quarter

Quarter 1 (Jan to Mar) 2014 to Quarter 4 (Oct to Dec) 2015



Source: Office for National Statistics

Notes:

1. Q1 is Quarter 1 (Jan to Mar).
2. Q2 is Quarter 2 (Apr to June).
3. Q3 is Quarter 3 (July to Sept).
4. Q4 is Quarter 4 (Oct to Dec).
5. Chained volume measures, seasonally adjusted.

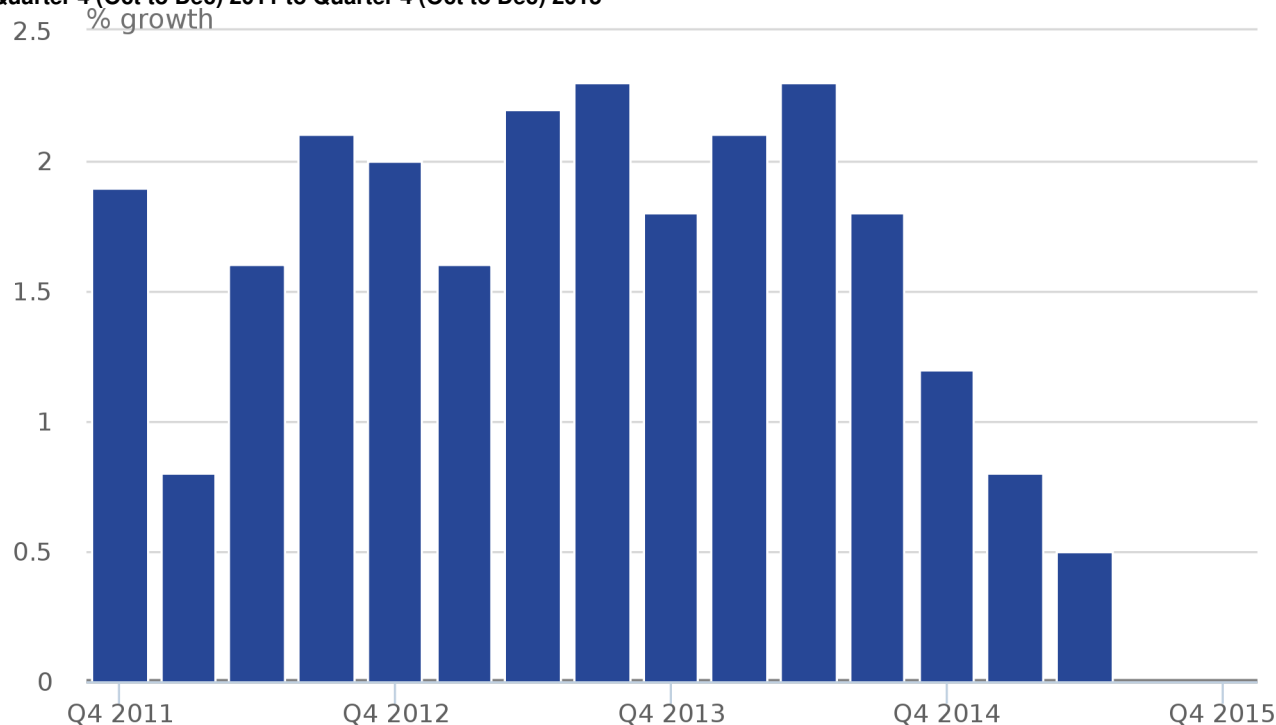
7. GDP implied deflator

[Annex D contains implied deflator component growth rates](#) back to Quarter 1 (Jan to Mar) 2015.

The GDP implied deflator at market prices for Quarter 4 (Oct to Dec) 2015 is flat compared to the same quarter of 2014 (Figure 10). The GDP implied deflator is calculated by dividing current price (nominal) GDP by chained volume (real) GDP and multiplying by 100 to convert to an index. It is not used in the calculation of GDP; the deflators for expenditure components, which are the basis for the implied GDP deflator, are used to calculate nominal GDP, not real GDP.

Figure 10: UK GDP at market prices implied deflator, quarter-on-quarter corresponding-quarter-of-previous-year

Quarter 4 (Oct to Dec) 2011 to Quarter 4 (Oct to Dec) 2015



Source: Office for National Statistics

Notes:

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

8. GDP analysed by income categories at current prices, table D

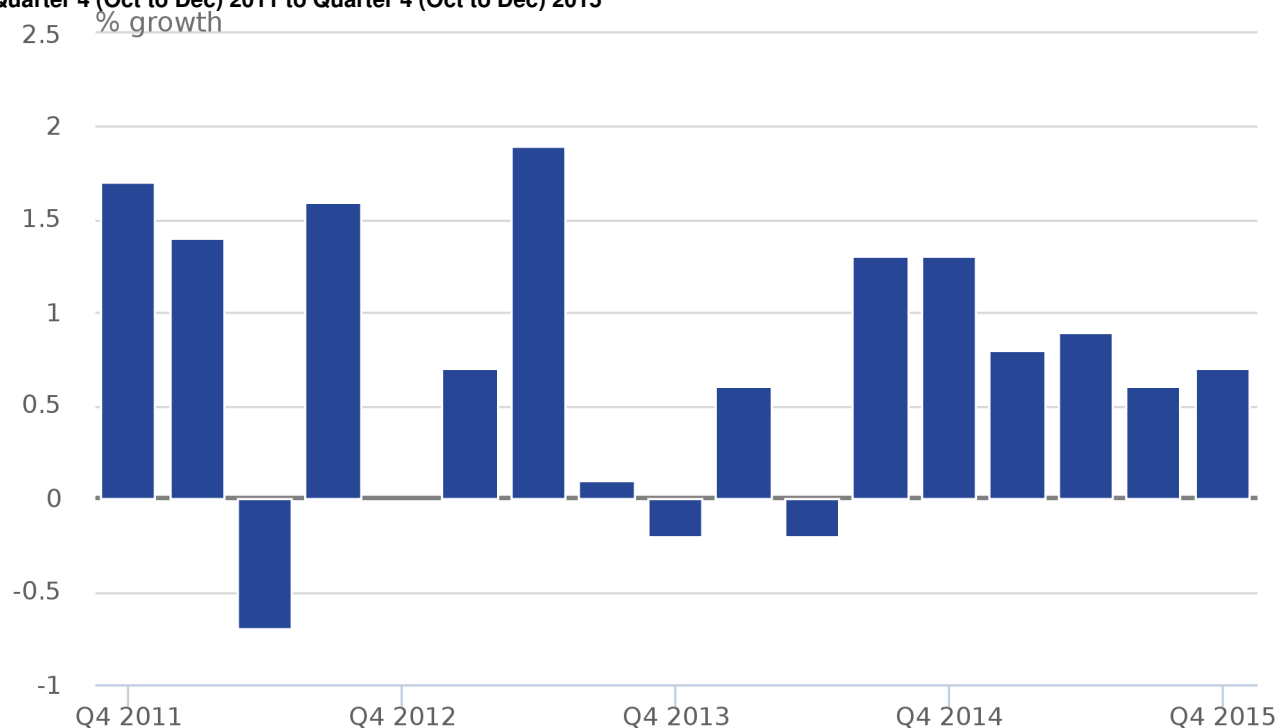
[Annex C contains income component growth rates](#) back to Quarter 1 (Jan to Mar) 2015.

GDP at current market prices showed flat growth in Quarter 4 (Oct to Dec) 2015, following a 0.4% increase in Quarter 3 (July to Sept) 2015. GDP at current market prices increased by 1.9% when compared to Quarter 4 2014. In 2015, GDP at current market prices increased by 2.6%.

Compensation of employees – which includes both wages and salaries, and pension contributions, increased by 0.7% in Quarter 4 2015, following an increase of 0.6% in Quarter 3 2015 (Figure 11). Between Quarter 4 2014 and Quarter 4 2015, compensation of employees increased by 3.1% and increased by 3.6% between 2014 and 2015.

Figure 11: UK compensation of employees growth, quarter-on-quarter

Quarter 4 (Oct to Dec) 2011 to Quarter 4 (Oct to Dec) 2015



Source: Office for National Statistics

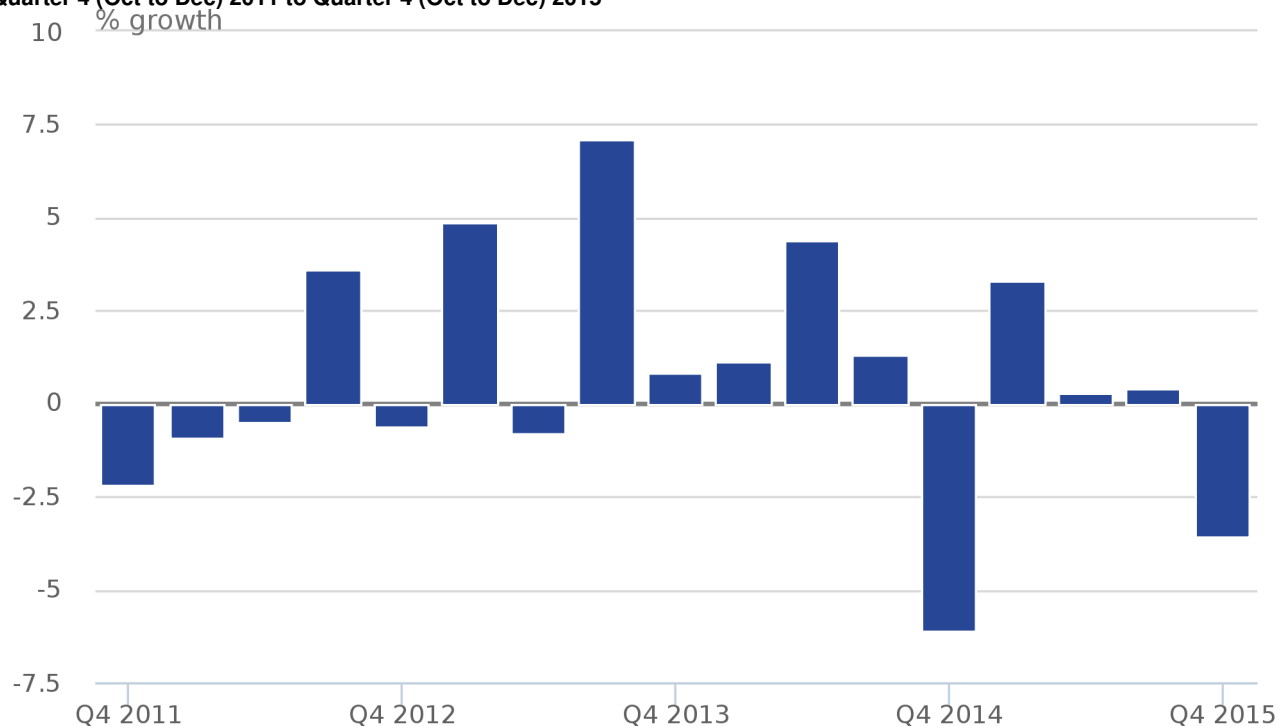
Notes:

1. Q1 is Quarter 1 (Jan to Mar).
2. Q2 is Quarter 2 (Apr to June).
3. Q3 is Quarter 3 (July to Sept).
4. Q4 is Quarter 4 (Oct to Dec).
5. Chained volume measures, seasonally adjusted.

The gross operating surplus of corporations (effectively the profits of companies operating within the UK), including the alignment adjustment, decreased by 3.6% in Quarter 4 2015 compared with the previous quarter; this follows an increase of 0.4% in Quarter 3 2015 (Figure 12). Between 2014 and 2015 the gross operating surplus of corporations decreased by 0.3%. More information on the alignment adjustment can be found in the Balancing GDP section within the Background Notes of this release.

Figure 12: UK gross operating surplus of corporations' growth, quarter-on-quarter

Quarter 4 (Oct to Dec) 2011 to Quarter 4 (Oct to Dec) 2015



Source: Office for National Statistics

Notes:

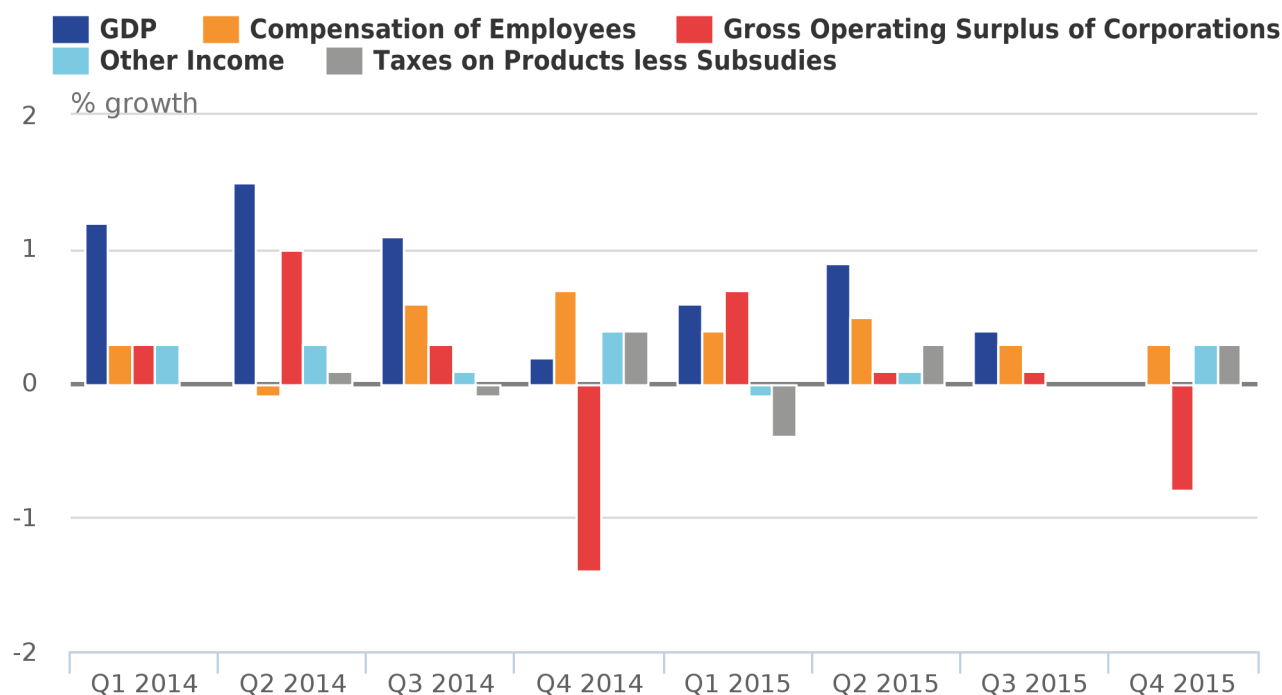
1. Q1 is Quarter 1 (Jan to Mar).
2. Q2 is Quarter 2 (Apr to June).
3. Q3 is Quarter 3 (July to Sept).
4. Q4 is Quarter 4 (Oct to Dec).
5. Current prices, seasonally adjusted.

Taxes less subsidies on products and production increased by 2.1% in Quarter 4 2015, following an increase of 0.3% in Quarter 3 2015. Between 2014 and 2015 taxes less subsidies on products and production increased by 2.1%.

Figure 13 shows the contribution made by income components to current price GDP. In Quarter 4 2015, there were positive contributions to GDP from compensation of employees, other income and taxes less subsidies which all contributed 0.3 percentage points respectively. There was a negative contribution of 0.8 percentage points from gross operating surplus of corporations.

Figure 13: Income components percentage contribution to UK GDP growth, quarter-on-quarter

Quarter 1 (Jan to Mar) 2014 to Quarter 4 (Oct to Dec) 2015



Source: Office for National Statistics

Notes:

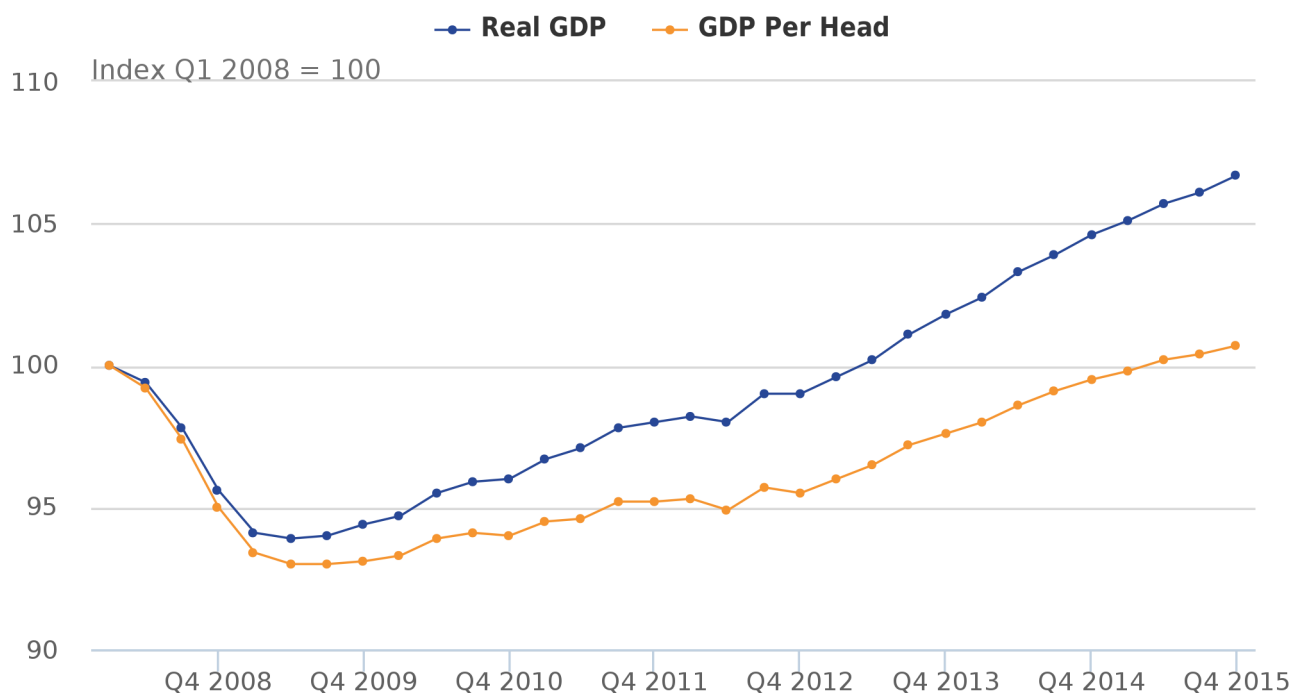
1. Q1 is Quarter 1 (Jan to Mar).
2. Q2 is Quarter 2 (Apr to June).
3. Q3 is Quarter 3 (July to Sept).
4. Q4 is Quarter 4 (Oct to Dec).
5. Current prices, seasonally adjusted.

9. GDP per head, table P

In Quarter 4 (Oct to Dec) 2015, GDP per head increased by 0.3% compared with Quarter 3 (July to Sept) 2015. GDP per head is now 0.7% above its pre-downturn peak in Quarter 1 (Jan to Mar) 2008, having surpassed it in Quarter 2 (Apr – June) 2015. Headline GDP exceeded the level of its pre-downturn peak in Quarter 2 2013 and is now 6.7% above its pre-downturn peak (Figure 14).

Figure 14: Quarterly growth of GDP and GDP per head for the UK, indexed from Q1 2008 = 100

Quarter 1 (Jan to Mar) 2008 to Quarter 4 (Oct to Dec) 2015



Source: Office for National Statistics

Notes:

1. Q1 is Quarter 1 (Jan to Mar).
2. Q3 is Quarter 3 (Jul to Sep).
3. Chained volume measures, seasonally adjusted.

Between Quarter 4 2014 and Quarter 4 2015, GDP per head increased by 1.2%. Between 2014 and 2015, GDP per head increased by 1.5% compared to a growth of 2.1% between 2013 and 2014.

GDP per head is calculated by dividing GDP in chained volume measures by the latest population estimates and projections. The population estimates used in this release are those published on 25 June 2015 and the population projections used are those published 29 October 2015.

10. International comparisons for Quarter 4 (Oct to Dec) 2015

The estimates quoted in this international comparison section are the latest available estimates published by the respective bodies (referenced) at the time of preparation of this statistical bulletin and may subsequently have been revised.

All areas included within our international comparison, saw positive growth, except Japan, when comparing Quarter 4 (Oct to Dec) 2015 with Quarter 3 (Jul to Sep) 2015 (Figure 15). The European Union (EU28) grew by 0.3% in the fourth quarter of 2015, marking 11 consecutive quarters of positive growth (Table 2). In the same period, the eurozone (EA19) also expanded by 0.3%. When comparing Quarter 4 2014 with Quarter 4 2015, EA19 grew by 1.5 % whilst the EU28 expanded by 1.8% (Figure 16).

Germany saw its GDP increase by 0.3% between Quarter 3 2015 and Quarter 4 2015, following a similar increase in the previous quarter. GDP for France increased by 0.2% in the same period, following 0.3% growth in Quarter 3 2015.

In the fourth quarter of 2015 the USA's economy increased by 0.2%. Between Quarter 4 2014 and Quarter 4 2015, GDP for the USA increased by 1.8%. GDP for Japan decreased by 0.4% in Quarter 4 2015, following an increase of 0.3% in the previous quarter, although between Quarter 4 2014 and Quarter 4 2015, Japan's economy grew by 0.7%.

GDP for the Group of Seven (G7) countries increased by 0.1% in Quarter 4 2015, following a 0.4% increase in the previous quarter. When comparing Quarter 4 2014 with Quarter 4 2015, G7 GDP increased by 1.5% and is now 6.2% above its pre-recession peak in Quarter 1 (Jan to Mar) 2008.

More detailed information on these estimates can be found on the [Eurostat website](#). Information on the estimates for the USA can be found on the [Bureau of Economic Analysis website](#); information on the estimates for Japan can be found on the [Japanese Cabinet Office website](#) while information for the G7 countries can be found on the [Organisation for Economic Co-operation and Development's website](#).

Table 2: International GDP growth rate comparisons for selected economic areas, quarter on previous quarter % growth rates

	% growth							
	EU28 ¹	EA19 ¹	France	Germany	UK	Japan	USA	G7
Q1 2013	0.0	-0.2	0.1	-0.3	0.7	1.0	0.5	0.4
Q2 2013	0.4	0.4	0.8	0.9	0.6	0.7	0.3	0.4
Q3 2013	0.4	0.2	-0.1	0.4	0.9	0.5	0.7	0.6
Q4 2013	0.3	0.2	0.2	0.3	0.6	-0.1	0.9	0.6
Q1 2014	0.3	0.2	-0.2	0.7	0.6	1.2	-0.2	0.2
Q2 2014	0.2	0.1	-0.1	-0.1	0.8	-2.0	1.1	0.3
Q3 2014	0.4	0.3	0.3	0.2	0.7	-0.6	1.1	0.5
Q4 2014	0.5	0.4	0.1	0.6	0.7	0.6	0.5	0.5
Q1 2015	0.6	0.5	0.7	0.4	0.4	1.0	0.2	0.4
Q2 2015	0.5	0.4	0.0	0.4	0.6	-0.3	1.0	0.5
Q3 2015	0.4	0.3	0.3	0.3	0.4	0.3	0.5	0.4
Q4 2015	0.3	0.3	0.2	0.3	0.5	-0.4	0.2	0.1

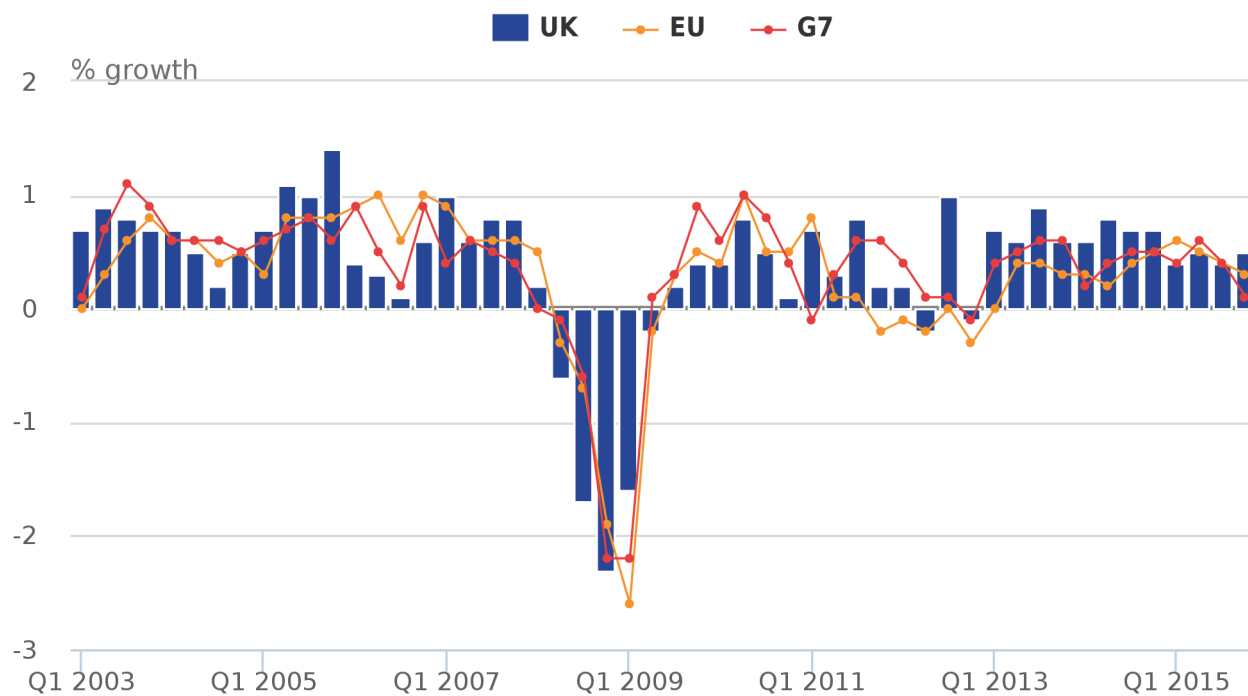
Source: Office for National Statistics

Notes:

1. EU28 is the European Union
2. EA19 is the eurozone
3. G7 is the Group of Seven countries
4. Q1 is Quarter 1 (Jan to Mar), Q2 is Quarter 2 (Apr to June), Q3 is Quarter 3 (July to Sept), Q4 is Quarter 4 (Oct to Dec).

Figure 15: International GDP growth rates, quarter-on-quarter

Quarter 1 (Jan to Mar) 2003 to Quarter 4 (Oct to Dec) 2015



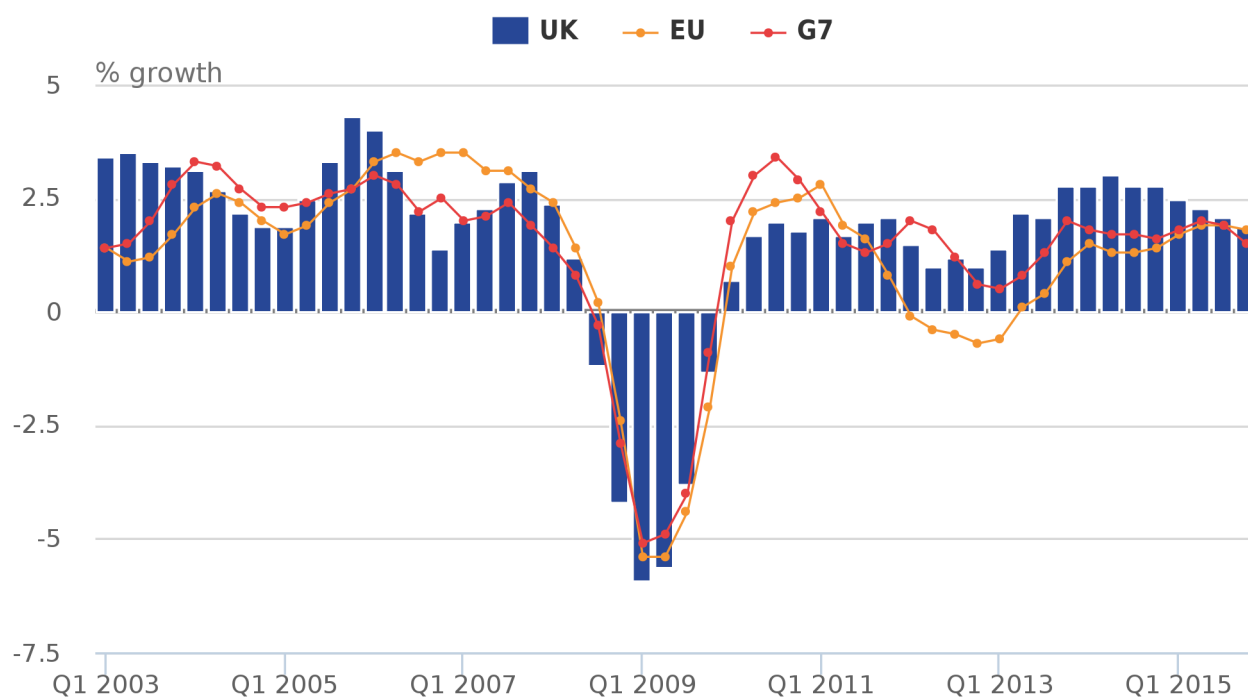
Source: Office for National Statistics

Notes:

1. Q1 is Quarter 1 (Jan to Mar).
2. Chained volume measures, seasonally adjusted.

Figure 16: International GDP growth rates, quarter-on-corresponding-quarter-of-previous-year

Quarter 1 (Jan to Mar) 2003 to Quarter 4 (Oct to Dec) 2015



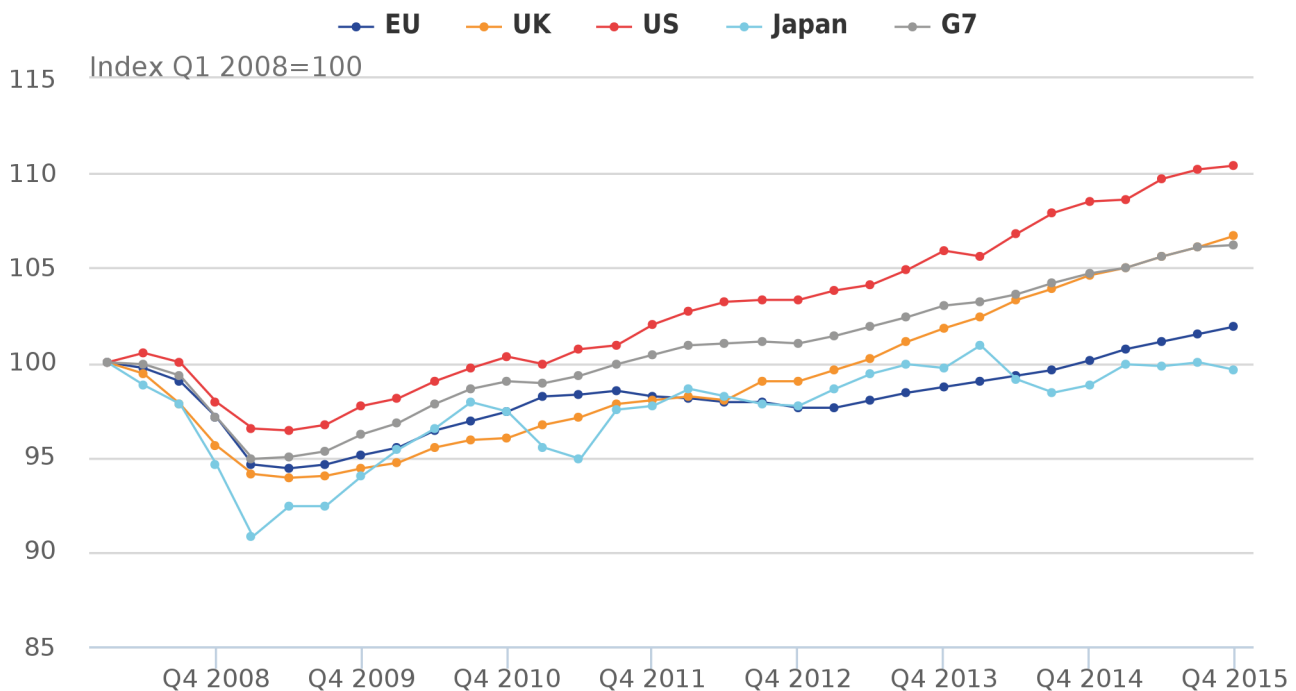
Notes:

1. Q1 is Quarter 1 (Jan to Mar).

Figure 17 shows GDP for the UK, EU, the USA and Japan, all indexed to Quarter 1 2008 (the pre-downturn peak in the UK) to allow comparison of each since that period.

Figure 17: International GDP growth rates, quarter-on-quarter indexed Q1 2008 =100

Quarter 1 (Jan to Mar) 2008 to Quarter 4 (Oct to Dec) 2015



Notes:

1. Q1 is Quarter 1 (Jan to Mar).
2. Chained volume measure, seasonally adjusted.

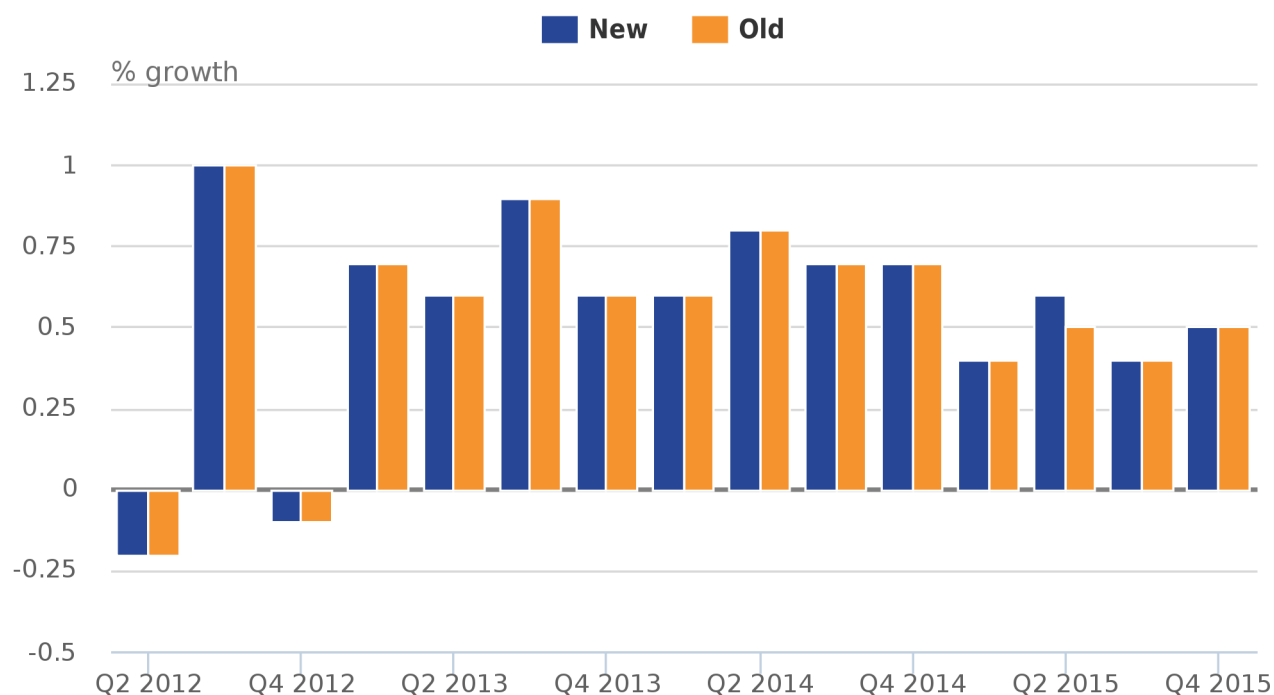
11. Quarterly revisions

GDP and components, previously published on 28 January 2016

Figure 18 shows quarterly revisions between latest and previously published estimates of GDP. Quarter 1 (Jan to Mar) 2015 is the earliest period open for revision in this release.

Figure 18: UK GDP, quarter-on-quarter growth

Quarter 2 (Apr to Jun) 2012 to Quarter 4 (Oct to Dec) 2015



Source: Office for National Statistics

Notes:

1. Q1 is Quarter 1 (Jan to Mar).
2. Q2 is Quarter 2 (Apr to June).
3. Q3 is Quarter 3 (Jul to Sep).
4. Q4 is Quarter 4 (Oct to Dec).
5. Chained volume measure, seasonally adjusted.

Detailed revisions for the 3 GDP approaches

- [output revisions are shown in Annex E](#)
- [expenditure revisions are shown in Annex F](#)
- [income revisions are shown in Annex G](#)

12. Background notes

1. What do you think?

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

2. Release policy

This release includes data available up to 18 February 2016. Data are consistent with that within the [Index of Production statistical bulletin](#) - published on 10 February 2016 and the current price trade in goods data within the [UK Trade statistical bulletin](#) - published on 9 February 2016.

3. Construction industry

We have reviewed the way we calculate our construction statistics, as part of the process of re-designating them as National Statistics. This included investigating our nominal (current price) data and comparing it with other data sources. An element which stood out was the level of construction output in the first 4 months of the year (January, February, March and April).

A close investigation of the sampling methods used during the production of the figures for the output in the construction industry release showed that the parameters used in the treatment of outliers resulted in more outliers being detected in the first quarter than at any other point. In reviewing this, we found that this outlier treatment could be improved. This led to revisions across these 4 months in the estimates published by us on 11 December 2015 in the 'Output in the Construction Industry, October 2015 and New Orders Quarter 3 (July to Sept) 2015' release and these revisions are also included in this release. Additionally, we incorporated the results of a seasonal adjustment review which also contributed to revisions in the data.

4. Release content and context

This release is the second estimate of GDP. Data content for each successive release of GDP varies according to availability.

The Preliminary Estimate of GDP is based on output data alone. These are based on survey estimates for the first 2 months of the quarter with estimates for the third month of the quarter based on forecasts using early returns from businesses. Other (non-survey based) data used in the compilation of the output approach are also based on forecasts.

For the Second Estimate of GDP output estimates, based on survey data, are available for all 3 months of the quarter, in addition to other significant data sources. Estimates of the expenditure and income approaches to measuring GDP are also available in this release based on a combination of limited survey data, other data sources and forecasts.

For the Quarterly National Accounts (QNA) release, output survey data are available for all 3 months of the quarter, along with most other data sources. For the expenditure and income approaches to measuring GDP, more extensive survey data are available, in addition to other data sources and a more limited use of forecasts.

After this release, the current quarter will be subject to revision in accordance with National Accounts revisions policy as further data, annual benchmarks and methodological improvements are implemented.

For more information on the different estimates of GDP, we have produced [a short guide to the UK National Accounts](#) which gives more information on the principles of national accounting and the various publications available.

5. Forthcoming changes

As of the Quarterly National Accounts – Quarter 4 (Oct to Dec) 2015, published on 31 March 2016, we will be making changes to a few of the CDIDs (data identifiers) used within the publication. These are presentational changes to annual growth series to ensure consistency across the publication and have no data impact. This change applies to both the Second Estimate of GDP and Quarterly National Accounts publications in the statistical bulletins, reference tables and times series datasets. See the table below for details of this change.

Table 3: Details of current and replacement CDIDs to be implemented from 31 March 2016

Current CDID	Replacement CDID
KG6I	KG6O
KGV4	KGV7

KH29	KH2C
KH7G	KGZ8
KGW8	KGX3
KH2L	KH2O
KH3E	KH3H
KH2F	KH2I
KG7F	KG7N
KGW2	KGW5
KGX6	KGX9
KH23	KH26
KGZ2	KGZ5
KH2R	KH2U
KH3K	KH3N
KH4S	KH4V
KH56	KH59
KH5I	KH5L
KH4Y	KH53
KH6Q	KH6T
KH4J	KH65
KH4M	KGI3
KH6K	KH6N
KHE2	KHE5
KHF6	KHF9

Source: Office for National Statistics

In the Quarterly National Accounts release to be published on 31 March 2016, we will be taking the opportunity to combine two reference tables which are currently published separately into one combined reference table. The two tables which will be combined are 'UK Historic Quarterly National Accounts Data Tables, 1948 – 1996' and 'UK Quarterly National Accounts Data Tables' for 1997 onwards.

6. National Statistics Quality Review

In line with the recently published [National Statistics Quality Review \(NSQR\): Review of National Accounts and Balance of Payments](#), we have published a [response](#), which can be found on our website.

7. National Accounts Work Plan 2015 to 2018

On 13 July 2015 users of national accounts were invited to respond to an informal consultation on the national accounts work plan which lays out a proposed set of priorities for the next 3 years. This consultation on the national accounts medium-term work plan (covering the period to 2018) closed on 25 September 2015. It followed a previous work plan for national accounts and related outputs following the consultation held in 2013.

The final report of the national accounts medium-term work plan was published on our website on 27 November 2015.

8. Special events

We maintain a list of candidate special events in the [Special Events Calendar](#). Special events are events that are identifiable; they do not recur on a regular cycle (so are not targeted by seasonal adjustment) and have at least the potential to have an impact on statistics. As explained in our [Special Events policy](#), it is not possible to separate the effects of special events from other changes in the series.

9. Continuous improvement of GDP: sources, methods and communication

The UK Statistics Authority published 2 new assessment reports on the [Annual and Quarterly National Accounts](#) and [Supply and Use Tables and Input-Output Tables](#) on 25 February 2015.

In order to implement improvements reflected in the European System of Accounts 2010 (ESA 2010), we will introduce a new survey to collect purchases data, and have published a [national accounts article detailing our intentions](#) along with a [high level project plan](#).

10. VAT Project

On 21 December 2015, ONS published a further "[HMRC VAT project update](#)". This article further explores the opportunities for utilising data collected by HMRC from VAT returns as an administrative data source for Short-term Output Indicators, in particular plans to use HMRC turnover data as part of an estimate of nominal gross domestic product (GDP) and the strategic implications this has for National Accounts. This is the latest update in a series of articles. The first article "[Feasibility study into the use of HMRC turnover data within Short-term Output Indicators and National Accounts](#)" was published by us on 14 August 2015. This was followed by a second article "[Exploitation of HMRC VAT data](#)", published on 7 October 2015.

11. National accounts methodology and articles

We regularly publish methodological information and articles to provide more detailed information on developments within the national accounts. This includes; supplementary analyses of data to help users with the interpretation of statistics and guidance on the methodology used to produce the national accounts.

12. National accounts classification decisions

The UK national accounts are produced under internationally agreed guidance and rules set out principally in the [European System of Accounts \(ESA 2010\)](#) and the accompanying [Manual on Government Deficit and Debt- Implementation of ESA 2010 – 2014 edition \(MGDD\)](#).

In the UK, we are responsible for the application and interpretation of these rules. Therefore we make [classification decisions](#) based upon the agreed guidance and rules, and these are published on our website.

13. Economic context

We publish a monthly [Economic Review](#) discussing the economic background, giving economic commentary on the latest GDP estimate and our other economic releases. The next article will be published on 2 March 2016 and will include an analysis on international GDP revisions.

14. Basic quality information for GDP statistical bulletin

A [Quality and Methodology Information report \(518.9 Kb Pdf\)](#) for this statistical bulletin can be found on our website.

15. Important quality issues

Common pitfalls in interpreting series:

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

- early estimates are based on incomplete data

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

16. Reliability

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

Our [revisions to economic statistics page](#) brings together our work on revisions analysis, linking to articles, revisions policies and important documentation from the Statistics Commission's report on revisions.

Revisions to data provide one indication of the reliability of main indicators. Tables 3 and 4 provide a summary on the size and direction of the revisions that have been made to data covering a 5-year period. A statistical test has been applied to the average revision to find out if it is statistically significantly different from zero. An asterisk (*) shows if the result of the test is significant.

17. Revisions to GDP estimates

Table 4 shows the revisions to month 1 (preliminary) and month 2 (second) estimates of GDP. The analysis of revisions between month 1 and month 2 uses month 2 estimates published from February 2011 (Quarter 4 2010) to November 2015 (Quarter 3 2015). The analysis of revisions between month 2 and month 3 (third estimate of GDP) uses month 3 estimates published from December 2010 (Quarter 3 2010) to September 2015 (Quarter 2 2015).

Table 4: Revisions to early estimates of UK GDP, quarter-on-quarter percentage change growth, Quarter 4 (Oct to Dec) 2015

Revisions to GDP growth	Estimate in latest period (% growth)	Revisions between early estimates of GDP growth (quarterly, CVM)	
		Average over the last five years	Average over the last five years without regard to sign (average absolute revision)
Between M1 and M2	0.5	0.01	0.03
Between M2 and M3	0.5	0.01	0.05

Source: Office for National Statistics

Notes:

1. M1 or Month 1 is the Preliminary Estimate of GDP.
2. M2 or Month 2 is the Second Estimate of GDP.
3. M3 or Month 3 is the Quarterly National Accounts.

Table 5 shows the revisions to GDP growth between the estimate published 3 months after the end of the quarter and the equivalent estimate 3 years later. The analysis uses month 3 estimates, first published from December 2007 (Quarter 3 2007) to September 2012 (Quarter 2 2012) for GDP.

Table 5: Revisions to month 3 estimates of UK GDP, quarter-on-percentage change growth, Quarter 4 (Oct to Dec) 2015

	Estimate in latest period (% growth)	Revisions between first publication and estimates three years later	
		Average over the last five years	Average over the last five years without regard to sign (average absolute revision)
	0.5	-0.02	0.40

Revisions triangles for the main components of GDP from expenditure, output and income approaches and spreadsheets, containing [revisions triangles \(real time databases\)](#) of estimates from 1992 to date and the calculations behind the averages in both tables are available on our website.

18. Balancing GDP

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

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

Annually, the estimates from all 3 approaches are reconciled through the creation of Input-Output Supply and Use tables for the years for which data are available.

For years in which there is no Supply and Use balance, a Statistical Discrepancy exists that reflects the differences between the published headline estimate of GDP and the expenditure and income estimates.

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

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

The size and direction of the quarterly alignment adjustments in Quarter 4 (July to Sept) 2015 indicate that in this quarter, the level of expenditure was lower than that of output and the level of income was higher than that of output.

Table 6 shows the balancing adjustments applied to the GDP estimates in this publication.

Table 6: Balancing adjustments applied to the Second Estimate of GDP dataset, Quarter 4 (Oct to Dec) 2015

GDP measurement approach and component adjustment applied to	Adjustment ¹			
	Quarter 1 (Jan to Mar) 2015	Quarter 2 (Apr to June) 2015	Quarter 3 (July to Sept) 2015	Quarter 4 (Oct to Dec) 2015
Expenditure				
Gross fixed capital formation				
chained volume measures		-300		650
Change in inventories				
current prices	-1000	-500		
chained volume measures	-1500	-500	-3000	3500
Valuables				
chained volume measures		800	-800	

Income				
current prices				
Gross operating surplus of corporations	-250	150	1050	-800
Other income	450	200	-100	-550

Source: Office for National Statistics

Notes:

1. Adjustments are in £'s million.

19. Further information

You can get the latest copies of this and all our other releases [on our website](#).

Details of the policy governing the release of new data are available from the media relations office. Also available is a [list of the ministers and officials who have pre-publication access](#) to the contents of this bulletin.

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

20. Following ONS

You can follow us on [Twitter](#) and [Facebook](#).

21. Code of practice

National Statistics are produced to high professional standards set out in the [UK Statistics Authority's Code of Practice for Official Statistics](#). They undergo regular quality assurance reviews to ensure that they meet customer needs. They are produced free from any political interference.

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These National Statistics are produced to high professional standards and released according to the arrangements approved by the UK Statistics Authority

Annex A - growth and contributions to growth - output components

Growth, quarter-on-quarter, for the output components of GDP, CVM SA

Component	2015 Q1	2015 Q2	2015 Q3	2015 Q4
GVA (Average)	0.5	0.6	0.4	0.5
Agriculture	-3.2	0.7	0.2	0.4
Total Production	0.4	0.7	0.1	-0.5
Mining & quarrying inc oil & gas extract	1.2	7.6	2.2	-2.3
Manufacturing	0.0	-0.6	-0.4	0.0
Electricity, gas and air	2.4	-2.2	0.9	-2.4
Water and Sewerage	0.5	3.8	0.1	-0.4
Construction	2.1	0.5	-1.7	-0.4
Total Services	0.3	0.5	0.6	0.7
Distn, hotels and catering	1.2	1.1	0.9	1.4
Transport, storage and comms	0.9	1.0	0.9	0.9
Business services and Finance	0.0	0.5	0.6	0.7
Government and other	0.0	0.1	0.3	0.2

Contribution to growth, quarter-on-quarter, for the output components of GDP, CVM SA

Component	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Agriculture	0.0	0.0	0.0	0.0
Total Production	0.1	0.1	0.0	-0.1
extract	0.0	0.1	0.0	0.0
Manufacturing	0.0	-0.1	0.0	0.0
Electricity, gas and air	0.0	0.0	0.0	0.0
Water and Sewerage	0.0	0.0	0.0	0.0
Construction	0.1	0.0	-0.1	0.0
Total Services	0.3	0.4	0.5	0.6
Distn, hotels and catering	0.2	0.2	0.1	0.2
Transport, storage and comms	0.1	0.1	0.1	0.1
Business services and Finance	0.0	0.1	0.2	0.2
Government and other	0.0	0.0	0.1	0.0

Components may not sum due to rounding

Contributions to GVA are to output measures therefore may not sum to GVA (Average) used in Annex A

Growth, quarter on same quarter of previous year, for the output components of GDP, CVM SA

Component	2015 Q1	2015 Q2	2015 Q3	2015 Q4
GVA (Average)	2.6	2.4	2.2	2.0
Agriculture	2.9	1.8	0.0	-2.0
Total Production	0.9	1.3	1.2	0.6
Mining & quarrying inc oil & gas extract	-0.6	6.6	11.9	8.7
Manufacturing	1.2	0.0	-0.9	-1.0
Electricity, gas and air	3.7	0.4	-1.5	-1.3
Water and Sewerage	-2.0	4.9	5.6	4.0
Construction	6.4	5.5	1.4	0.4
Total Services	3.0	2.5	2.4	2.2
Distn, hotels and catering	4.9	4.8	4.7	4.6
Transport, storage and comms	5.0	4.1	3.9	3.7
Business services and Finance	3.3	2.7	2.3	1.8
Government and other	0.6	0.1	0.3	0.5

**Contribution to growth, quarter on same quarter of previous year,
for the output components of GDP, CVM SA**

Component	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Agriculture	0.0	0.0	0.0	0.0
Total Production	0.1	0.2	0.2	0.1
Mining & quarrying inc oil & gas extract	0.0	0.1	0.2	0.2
Manufacturing	0.1	0.0	-0.1	-0.1
Electricity, gas and air	0.0	0.0	0.0	0.0
Water and Sewerage	0.0	0.1	0.1	0.0
Construction	0.4	0.3	0.1	0.0
Total Services	2.4	2.0	1.9	1.8
Distn, hotels and catering	0.7	0.7	0.7	0.7
Transport, storage and comms	0.5	0.4	0.4	0.4
Business services and Finance	1.1	0.8	0.7	0.6
Government and other	0.1	0.0	0.1	0.1

Components may not sum due to rounding

Contributions to GVA are to output measures therefore may not sum to GVA (Average) used in Annex A

**Growth, year-on-year, for the output
components of GDP, CVM SA**

Component	2015
GVA (Average)	2.3
Agriculture	0.6
Total Production	1.0
Mining & quarrying inc oil & gas extract	6.6
Manufacturing	-0.2
Electricity, gas and air	0.3
Water and Sewerage	3.1
Construction	3.4
Total Services	2.5
Distn, hotels and catering	4.8
Transport, storage and comms	4.2
Business services and Finance	2.5
Government and other	0.4

**Contribution to growth, year on year, for
the output components of GDP, CVM SA**

Component	2015
Agriculture	0.0
Total Production	0.1
Mining & quarrying inc oil & gas extract	0.1
Manufacturing	0.0
Electricity, gas and air	0.0
Water and Sewerage	0.0
Construction	0.2
Total Services	2.0
Distn, hotels and catering	0.7
Transport, storage and comms	0.4
Business services and Finance	0.8
Government and other	0.1

Components may not sum due to rounding

Contributions to GVA are to output measures therefore may not sum to GVA (Average) used in Annex A

Annex B - growth and contributions to growth - expenditure components

Growth, quarter-on-quarter, for the expenditure components of GDP, CVM SA

Component	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Household final consumption expenditure	0.8	0.9	0.8	0.7
NPISH final consumption expenditure	1.9	2.3	-1.5	0.5
General government final consumption	0.5	1.0	0.6	0.5
Gross capital formation	5.4	-9.9	5.1	1.7
- of which GFCF	1.4	1.6	-0.1	-0.1
- of which business investment	2.4	0.9	1.2	-2.1
Exports	-0.3	3.0	-0.5	-0.1
less Imports	3.3	-2.4	2.7	1.2

Contribution to growth, quarter-on-quarter, for the expenditure components of GDP, CVM SA

Component	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Household final consumption expenditure	0.5	0.5	0.5	0.4
NPISH final consumption expenditure	0.1	0.1	0.0	0.0
General government final consumption expenditure	0.1	0.2	0.1	0.1
Gross capital formation	1.0	-1.9	0.9	0.3
- of which GFCF	0.2	0.3	0.0	0.0
- of which business investment	0.2	0.1	0.1	-0.2
Exports	-0.1	0.9	-0.1	0.0
less Imports	1.1	-0.8	0.9	0.4
Net Trade	-1.2	1.7	-1.0	-0.4

Components may not sum due to rounding

Growth, quarter on same quarter of previous year, for the expenditure components of GDP, CVM SA

Component	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Household final consumption expenditure	2.9	2.9	3.1	3.1
NPISH final consumption expenditure	-1.1	0.6	1.2	3.2
General government final consumption	1.2	1.4	1.7	2.5
Gross capital formation	9.6	0.8	1.2	1.5
- of which GFCF	6.1	5.0	2.9	2.7
- of which business investment	9.1	3.3	4.5	2.4
Exports	5.1	7.0	6.1	2.1
less Imports	7.8	5.8	6.5	4.8

Contribution to growth, quarter on same quarter of previous year, for the expenditure components of GDP, CVM SA

Component	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Household final consumption expenditure	1.8	1.8	1.9	1.9
NPISH final consumption expenditure	0.0	0.0	0.0	0.1
General government final consumption	0.2	0.3	0.3	0.5
Gross capital formation	1.7	0.1	0.2	0.3
- of which GFCF	1.0	0.8	0.5	0.5
- of which business investment	0.8	0.3	0.4	0.2
Exports	1.5	2.0	1.8	0.6
less Imports	2.5	1.8	2.1	1.6
Net Trade	-1.0	0.2	-0.3	-0.9

Components may not sum due to rounding

Growth, year-on-year, for the expenditure components of GDP, CVM SA

Component	2015
Household final consumption expenditure	3.0
NPISH final consumption expenditure	0.9
General government final consumption	1.7
Gross capital formation	3.3
- of which GFCF	4.2
- of which business investment	4.7
Exports	5.0
less Imports	6.2

Contribution to growth, year on year, for the expenditure components of GDP, CVM SA

Component	2015
Household final consumption expenditure	1.8
NPISH final consumption expenditure	0.0
General government final consumption	0.3
Gross capital formation	0.6
- of which GFCF	0.7
- of which business investment	0.5
Exports	1.5
less Imports	2.0
Net Trade	-0.5

Components may not sum due to rounding

Annex C - growth and contributions to growth - income components

Growth, quarter-on-quarter, for the income components of GDP, CP SA

Component	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Compensation of employees	0.8	0.9	0.6	0.7
GOS of corporations	3.3	0.3	0.4	-3.6
Other income	-0.7	0.7	0.1	2.1
Taxes less subsidies on products and production	-3.0	2.9	0.3	2.1

Contribution to growth, quarter-on-quarter, for the income components of GDP, CP SA

Component	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Compensation of employees	0.4	0.5	0.3	0.3
GOS of corporations	0.7	0.1	0.1	-0.8
Other income	-0.1	0.1	0.0	0.3
Taxes less subsidies on products and production	-0.4	0.3	0.0	0.3

Components may not sum due to rounding

Growth, quarter on same quarter of previous year, for the income components of GDP, CP SA

Component	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Compensation of employees	3.3	4.5	3.7	3.1
GOS of corporations	2.6	-1.5	-2.3	0.3
Other income	5.0	3.5	2.8	2.2
Taxes less subsidies on products and production	0.7	2.4	3.3	2.1

Contribution to growth, quarter on same quarter of previous year, for the income components of GDP, CP SA

Component	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Compensation of employees	1.6	2.2	1.8	1.5
GOS of corporations	0.6	-0.4	-0.5	0.1
Other income	0.8	0.5	0.4	0.4
Taxes less subsidies on products and production	0.1	0.3	0.4	0.3

Components may not sum due to rounding

Growth, year-on-year, for the income components of GDP, CP SA

Component	2015
Compensation of employees	3.6
GOS of corporations	-0.3
Other income	3.4
Taxes less subsidies on products and production	2.1

**Contribution to growth, year on year, for
the income components of GDP, CP SA**

Component	2015
Compensation of employees	1.8
GOS of corporations	-0.1
Other income	0.5
Taxes less subsidies on products and production	0.3

Components may not sum due to rounding

Annex D - Implied GDP deflator growths- Expenditure Components

Deflator growth, quarter-on-quarter, for the expenditure components of GDP, SA

Component	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Household final consumption expenditure	-0.6	0.0	0.0	1.1
NPISH final consumption expenditure	-0.7	-1.8	1.9	0.0
General government final consumption	-0.3	0.8	-0.6	-1.3
Gross capital formation	-0.7	3.2	-0.4	-3.7
- of which GFCF	2.0	-0.2	0.3	0.3
Exports	-1.8	-0.8	-1.9	-1.2
less Imports	-3.9	-0.1	-1.7	-0.3

Deflator growth, quarter on same quarter of previous year, for the expenditure components of GDP, SA

Component	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Household final consumption expenditure	0.8	0.3	-0.4	0.4
NPISH final consumption expenditure	1.2	0.4	0.8	-0.5
General government final consumption	-0.8	1.1	-1.3	-1.4
Gross capital formation	-0.7	-0.4	0.0	-1.8
- of which GFCF	0.0	0.5	1.8	2.4
Exports	-4.4	-5.3	-5.7	-5.6
less Imports	-5.7	-5.5	-6.5	-6.0

Deflator growth, year-on-year, for the expenditure components of GDP

Component	2015
Household final consumption expenditure	0.3
NPISH final consumption expenditure	0.5
General government final consumption	-0.6
Gross capital formation	-0.8
- of which GFCF	1.2
Exports	-5.2
less Imports	-5.9

Annex E - Output growth revisions from preliminary estimate of GDP

Quarter-on-quarter CVM revisions

Revisions	2015 Q1			2015 Q2			2015 Q3			2015 Q4		
	M1	M2	Revision	M1	M2	Revision	M1	M2	Revision	M1	M2	Revision
GDP	0.4	0.4	0.0	0.5	0.6	0.1	0.4	0.4	0.0	0.5	0.5	0.0
Agriculture	-3.0	-3.2	-0.2	0.4	0.7	0.3	0.2	0.2	0.0	0.6	0.4	-0.2
Total Production	0.4	0.4	0.0	0.7	0.7	0.0	0.2	0.1	-0.1	-0.2	-0.5	-0.3
Mining & quarrying inc oil & gas extract	1.0	1.2	0.2	7.6	7.6	0.0	2.6	2.2	-0.4	-1.4	-2.3	-0.9
Manufacturing	0.0	0.0	0.0	-0.6	-0.6	0.0	-0.4	-0.4	0.0	0.0	0.0	0.0
Electricity, gas and air	3.3	2.4	-0.9	-2.0	-2.2	-0.2	1.0	0.9	-0.1	-0.2	-2.4	-2.2
Water and Sewerage	0.5	0.5	0.0	3.9	3.8	-0.1	0.3	0.1	-0.2	-0.4	-0.4	0.0
Construction	2.1	2.1	0.0	0.3	0.5	0.2	-1.9	-1.7	0.2	-0.1	-0.4	-0.3
Total Services	0.3	0.3	0.0	0.5	0.5	0.0	0.6	0.6	0.0	0.7	0.7	0.0
Distn, hotels and catering	1.2	1.2	0.0	1.0	1.1	0.1	0.9	0.9	0.0	1.1	1.4	0.3
Transport, storage and comms	0.9	0.9	0.0	1.1	1.0	-0.1	1.0	0.9	-0.1	0.3	0.9	0.6
Business services and Finance	0.1	0.0	-0.1	0.5	0.5	0.0	0.6	0.6	0.0	0.9	0.7	-0.2
Government and other	-0.1	0.0	0.1	0.1	0.1	0.0	0.2	0.3	0.1	0.3	0.2	-0.1

CVM revisions on the same quarter of the previous year

Revisions	2015 Q1			2015 Q2			2015 Q3			2015 Q4		
	M1	M2	Revision	M1	M2	Revision	M1	M2	Revision	M1	M2	Revision
GDP	2.5	2.6	0.1	2.3	2.4	0.1	2.1	2.1	0.0	1.9	1.9	0.0
Agriculture	3.1	2.9	-0.2	1.7	1.8	0.1	-0.1	0.0	0.1	-1.8	-2.0	-0.2
Total Production	1.0	0.9	-0.1	1.4	1.3	-0.1	1.4	1.2	-0.2	1.1	0.6	-0.5
Mining & quarrying inc oil & gas extract	-0.8	-0.6	0.2	6.5	6.6	0.1	12.2	11.9	-0.3	10.0	8.7	-1.3
Manufacturing	1.2	1.2	0.0	0.1	0.0	-0.1	-0.9	-0.9	0.0	-1.0	-1.0	0.0
Electricity, gas and air	4.5	3.7	-0.8	1.4	0.4	-1.0	-0.5	-1.5	-1.0	2.0	-1.3	-3.3
Water and Sewerage	-1.9	-2.0	-0.1	5.1	4.9	-0.2	5.9	5.6	-0.3	4.3	4.0	-0.3
Construction	6.4	6.4	0.0	5.3	5.5	0.2	1.0	1.4	0.4	0.3	0.4	0.1
Total Services	3.0	3.0	0.0	2.5	2.5	0.0	2.4	2.4	0.0	2.2	2.2	0.0
Distn, hotels and catering	4.9	4.9	0.0	4.6	4.8	0.2	4.6	4.7	0.1	4.2	4.6	0.4
Transport, storage and comms	5.0	5.0	0.0	4.2	4.1	-0.1	4.1	3.9	-0.2	3.4	3.7	0.3
Business services and Finance	3.4	3.3	-0.1	2.7	2.7	0.0	2.5	2.3	-0.2	2.1	1.8	-0.3
Government and other	0.5	0.6	0.1	0.0	0.1	0.1	0.1	0.3	0.2	0.4	0.5	0.1

Annual CVM revisions

Revisions	2015		
	M1	M2	Revision
GDP	2.2	2.2	0.0
Agriculture	0.7	0.6	-0.1
Total Production	1.2	1.0	-0.2
Mining & quarrying inc oil & gas extract	6.9	6.6	-0.3
Manufacturing	-0.1	-0.2	-0.1
Electricity, gas and air	1.8	0.3	-1.5
Water and Sewerage	3.3	3.1	-0.2
Construction	3.2	3.4	0.2
Total Services	2.5	2.5	0.0
Distn, hotels and catering	4.6	4.8	0.2
Transport, storage and comms	4.2	4.2	0.0
Business services and Finance	2.7	2.5	-0.2
Government and other	0.2	0.4	0.2

Month 1 refers to estimates from the preliminary estimate of GDP

Month 2 refers to estimates from second estimate of GDP

Annex F - Expenditure growth revisions from previous estimates

Quarter-on-quarter CVM revisions

Revisions	2015 Q1			2015 Q2			2015 Q3			2015 Q4		
	QNA	M2	Revision	QNA	M2	Revision	QNA	M2	Revision	QNA	M2	Revision
Household final consumption expenditure	0.7	0.8	0.1	0.8	0.9	0.1	0.9	0.8	-0.1	No data	0.7	-
NPISH final consumption expenditure	1.1	1.9	0.8	2.6	2.3	-0.3	-1.7	-1.5	0.2	No data	0.5	-
General government final consumption expenditure	0.5	0.5	0.0	1.0	1.0	0.0	0.6	0.6	0.0	No data	0.5	-
Gross capital formation	4.4	5.4	1.0	-9.8	-9.9	-0.1	4.6	5.1	0.5	No data	1.7	-
- of which GFCF	0.9	1.4	0.5	1.6	1.6	0.0	0.7	-0.1	-0.8	No data	-0.1	-
- of which business investment	2.6	2.4	-0.2	0.9	0.9	0.0	2.2	1.2	-1.0	No data	-2.1	-
Exports	0.0	-0.3	-0.3	2.8	3.0	0.2	-0.3	-0.5	-0.2	No data	-0.1	-
less Imports	3.0	3.3	0.3	-2.2	-2.4	-0.2	2.7	2.7	0.0	No data	1.2	-

CVM revisions on the same quarter of the previous year

Revisions	2015 Q1			2015 Q2			2015 Q3			2015 Q4		
	QNA	M2	Revision	QNA	M2	Revision	QNA	M2	Revision	QNA	M2	Revision
Household final consumption expenditure	2.8	2.9	0.1	2.8	2.9	0.1	3.0	3.1	0.1	No data	3.1	-
NPISH final consumption expenditure	-1.9	-1.1	0.8	0.0	0.6	0.6	0.4	1.2	0.8	No data	3.2	-
General government final consumption expenditure	1.3	1.2	-0.1	1.5	1.4	-0.1	1.8	1.7	-0.1	No data	2.5	-
Gross capital formation	8.5	9.6	1.1	-0.1	0.8	0.9	-0.2	1.2	1.4	No data	1.5	-
- of which GFCF	5.6	6.1	0.5	4.5	5.0	0.5	3.4	2.9	-0.5	No data	2.7	-
- of which business investment	9.3	9.1	-0.2	3.6	3.3	-0.3	5.8	4.5	-1.3	No data	2.4	-
Exports	5.4	5.1	-0.3	7.1	7.0	-0.1	6.3	6.1	-0.2	No data	2.1	-
less Imports	7.5	7.8	0.3	5.6	5.8	0.2	6.3	6.5	0.2	No data	4.8	-

Annual CVM revisions

Revisions	2015		
	QNA	M2	Revision
Household final consumption expenditure	No data	3.0	-
NPISH final consumption expenditure	No data	0.9	-
General government final consumption expenditure	No data	1.7	-
Gross capital formation	No data	3.3	-
- of which GFCF	No data	4.2	-
- of which business investment	No data	4.7	-
Exports	No data	5.0	-
less Imports	No data	6.2	-

Month 2 refers to estimates from second estimate of GDP

QNA refers to estimates from GDP Quarterly National Accounts published on 23 December 2015

Annex G - Income growth revisions from previous estimate

Quarter-on-quarter CP revisions

Revisions	2015 Q1			2015 Q2			2015 Q3			2015 Q4		
	QNA	M2	Revision	QNA	M2	Revision	QNA	M2	Revision	QNA	M2	Revision
Compensation of employees	0.9	0.8	-0.1	1.0	0.9	-0.1	0.6	0.6	0.0	No data	0.7	-
GOS of corporations	2.0	3.3	1.3	-0.8	0.3	1.1	2.4	0.4	-2.0	No data	-3.6	-
Other income	-0.4	-0.7	-0.3	0.6	0.7	0.1	0.3	0.1	-0.2	No data	2.1	-
Taxes less subsidies on products and production	-3.0	-3.0	0.0	3.0	2.9	-0.1	-0.1	0.3	0.4	No data	2.1	-

CP revisions on the same quarter of the previous year

Revisions	2015 Q1			2015 Q2			2015 Q3			2015 Q4		
	QNA	M2	Revision	QNA	M2	Revision	QNA	M2	Revision	QNA	M2	Revision
Compensation of employees	3.3	3.3	0.0	4.6	4.5	-0.1	3.8	3.7	-0.1	No data	3.1	-
GOS of corporations	1.3	2.6	1.3	-3.8	-1.5	2.3	-2.8	-2.3	0.5	No data	0.3	-
Other income	5.3	5.0	-0.3	3.6	3.5	-0.1	3.1	2.8	-0.3	No data	2.2	-
Taxes less subsidies on products and production	0.7	0.7	0.0	2.5	2.4	-0.1	3.1	3.3	0.2	No data	2.1	-

Annual CP revisions

Revisions	2015		
	QNA	M2	Revision
Compensation of employees	No data	3.6	-
GOS of corporations	No data	-0.3	-
Other income	No data	3.4	-
Taxes less subsidies on products and production	No data	2.1	-

Month 2 refers to estimates from second estimate of GDP

QNA refers to estimates from GDP Quarterly National Accounts published 23 December 2015

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A1 National accounts aggregates¹

2012 = 100

	Value indices at current prices		Chained volume indices			Implied deflators ²		
	Gross domestic product at market prices	Gross value added at basic prices	Gross domestic product at market prices	Gross value added at basic prices	Market sector gross value added	Gross domestic expenditure	Gross domestic product at market prices	Gross value added at basic prices
	YBEU	YBEX	YBEZ	CGCE	L48H	YBFV	YBGB	CGBV
2012	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2013	104.2	104.1	102.2	102.2	102.3	101.5	102.0	101.9
2014	109.1	109.0	105.1	105.0	106.3	102.9	103.9	103.8
2015	111.9	111.8	107.4	107.4	109.2	102.8	104.2	104.1
Seasonally adjusted								
2012 Q3	100.7	100.9	100.5	100.5	100.6	100.2	100.2	100.4
Q4	101.2	101.0	100.4	100.1	100.1	100.5	100.8	100.9
2013 Q1	102.2	102.4	101.1	100.9	100.9	100.9	101.1	101.4
Q2	103.3	103.3	101.7	101.9	102.0	101.2	101.6	101.4
Q3	105.3	105.1	102.6	102.7	102.8	101.9	102.6	102.4
Q4	106.0	105.7	103.3	103.3	103.5	101.8	102.6	102.3
2014 Q1	107.3	107.1	103.9	103.9	104.7	102.2	103.2	103.1
Q2	108.9	108.7	104.8	104.7	105.8	102.8	103.9	103.9
Q3	110.1	110.2	105.4	105.3	106.8	103.4	104.4	104.6
Q4	110.3	109.9	106.2	106.0	107.8	103.1	103.9	103.6
2015 Q1	110.9	111.1	106.6	106.6	108.3	102.5	104.1	104.3
Q2	112.0	111.9	107.2	107.2	109.0	103.1	104.4	104.4
Q3	112.4	112.3	107.7	107.7	109.5	103.0	104.4	104.3
Q4	112.4	112.0	108.2	108.2	110.0	102.7	103.9	103.5
Percentage change, latest year on previous year								
	IHYM	KGL6	IHYP	KGM7	L489	KH7D	IHYS	KGM4
2012	2.8	2.9	1.2	1.0	0.7	1.4	1.6	1.9
2013	4.2	4.1	2.2	2.2	2.3	1.5	2.0	1.9
2014	4.7	4.7	2.9	2.7	3.8	1.4	1.8	1.9
2015	2.6	2.6	2.2	2.3	2.8	-0.1	0.3	0.3
Percentage change, latest quarter on previous quarter								
	IHYN	KGL8	IHYQ	KGM9		KH7E	IHYT	KGM5
2012 Q3	1.8	2.0	1.0	0.8	1.1	0.8	0.8	1.1
Q4	0.5	0.1	-0.1	-0.3	-0.4	0.4	0.6	0.5
2013 Q1	1.0	1.3	0.7	0.8	0.8	0.4	0.3	0.5
Q2	1.1	0.9	0.6	0.9	1.1	0.3	0.5	-
Q3	1.9	1.7	0.9	0.8	0.8	0.6	0.9	1.0
Q4	0.7	0.6	0.6	0.6	0.7	-	-	-
2014 Q1	1.2	1.3	0.6	0.6	1.1	0.4	0.6	0.8
Q2	1.5	1.6	0.8	0.8	1.1	0.6	0.7	0.8
Q3	1.1	1.3	0.7	0.6	0.9	0.6	0.4	0.7
Q4	0.2	-0.3	0.7	0.7	0.9	-0.4	-0.5	-0.9
2015 Q1	0.6	1.1	0.4	0.5	0.5	-0.6	0.2	0.6
Q2	0.9	0.7	0.6	0.6	0.7	0.7	0.3	0.1
Q3	0.4	0.4	0.4	0.4	0.4	-0.1	-0.1	-0.1
Q4	-	-0.3	0.5	0.5	0.5	-0.2	-0.5	-0.7
Percentage change, latest quarter on corresponding quarter of previous year								
	IHYO	KGM2	IHYR	KGN3	L48D	KH7F	IHYU	KGM6
2012 Q3	3.4	3.9	1.2	1.1	0.8	1.5	2.1	2.8
Q4	3.0	2.9	1.0	0.6	0.3	1.5	2.0	2.3
2013 Q1	3.1	3.3	1.4	1.2	1.1	1.0	1.6	2.0
Q2	4.5	4.4	2.2	2.2	2.6	1.9	2.2	2.1
Q3	4.5	4.2	2.1	2.2	2.3	1.7	2.3	1.9
Q4	4.7	4.6	2.8	3.1	3.4	1.3	1.8	1.4
2014 Q1	4.9	4.6	2.8	2.9	3.7	1.3	2.1	1.7
Q2	5.4	5.3	3.0	2.7	3.7	1.6	2.3	2.5
Q3	4.6	4.8	2.8	2.6	3.8	1.6	1.8	2.2
Q4	4.1	4.0	2.8	2.7	4.1	1.2	1.2	1.3
2015 Q1	3.4	3.8	2.6	2.6	3.4	0.2	0.8	1.1
Q2	2.8	2.9	2.4	2.4	3.0	0.3	0.5	0.4
Q3	2.1	1.9	2.1	2.2	2.6	-0.4	-	-0.3
Q4	1.9	1.9	1.9	2.0	2.1	-0.3	-	-0.1

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

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

A2 National accounts aggregates¹

£ million

	Current prices			Chained volume measures (Reference year 2012)			
	Gross domestic product at market prices	less Basic price adjustment ²	Gross value added at basic prices	Gross domestic product at market prices	less Basic price adjustment ²	Gross value added at basic prices	Gross value added excluding oil & gas
	YBHA	NTAP	ABML	ABMI	NTAO	ABMM	KLS2
2012	1 665 213	179 437	1 485 776	1 665 213	179 437	1 485 776	1 462 218
2013	1 734 949	188 035	1 546 914	1 701 180	182 712	1 518 468	1 496 851
2014	1 817 234	198 030	1 619 204	1 749 712	189 881	1 559 831	1 538 779
2015	1 863 995	202 751	1 661 244	1 789 046	193 216	1 595 830	1 572 672
Seasonally adjusted							
2012 Q3	419 285	44 520	374 765	418 255	45 074	373 174	367 170
Q4	421 427	46 167	375 260	418 024	46 051	371 955	366 653
2013 Q1	425 516	45 313	380 203	420 779	45 834	374 945	369 731
Q2	430 110	46 402	383 708	423 282	44 846	378 436	373 094
Q3	438 163	47 755	390 408	427 197	45 778	381 419	375 816
Q4	441 160	48 565	392 595	429 922	46 254	383 668	378 210
2014 Q1	446 503	48 755	397 748	432 660	46 858	385 802	380 380
Q2	453 326	49 410	403 916	436 128	47 309	388 819	383 506
Q3	458 342	49 015	409 327	438 985	47 669	391 316	386 158
Q4	459 063	50 850	408 213	441 939	48 045	393 894	388 735
2015 Q1	461 853	49 153	412 700	443 786	47 961	395 825	390 591
Q2	466 214	50 662	415 552	446 446	48 217	398 229	392 322
Q3	467 921	50 882	417 039	448 329	48 395	399 934	393 850
Q4	468 007	52 054	415 953	450 485	48 643	401 842	395 909
Percentage change, latest year on previous year							
	IHYM		KGL6	IHYP		KGM7	KLH8
2012	2.8		2.9	1.2		1.0	1.3
2013	4.2		4.1	2.2		2.2	2.4
2014	4.7		4.7	2.9		2.7	2.8
2015	2.6		2.6	2.2		2.3	2.2
Percentage change, latest quarter on previous quarter							
	IHYN		KGL8	IHYQ		KGM9	
2012 Q3	1.8		2.0	1.0		0.8	0.8
Q4	0.5		0.1	-0.1		-0.3	-0.1
2013 Q1	1.0		1.3	0.7		0.8	0.8
Q2	1.1		0.9	0.6		0.9	0.9
Q3	1.9		1.7	0.9		0.8	0.7
Q4	0.7		0.6	0.6		0.6	0.6
2014 Q1	1.2		1.3	0.6		0.6	0.6
Q2	1.5		1.6	0.8		0.8	0.8
Q3	1.1		1.3	0.7		0.6	0.7
Q4	0.2		-0.3	0.7		0.7	0.7
2015 Q1	0.6		1.1	0.4		0.5	0.5
Q2	0.9		0.7	0.6		0.6	0.4
Q3	0.4		0.4	0.4		0.4	0.4
Q4	-		-0.3	0.5		0.5	0.5
Percentage change, latest quarter on corresponding quarter of previous year							
	IHYO		KGM2	IHYR		KGN3	KLH9
2012 Q3	3.4		3.9	1.2		1.1	1.3
Q4	3.0		2.9	1.0		0.6	0.9
2013 Q1	3.1		3.3	1.4		1.2	1.5
Q2	4.5		4.4	2.2		2.2	2.4
Q3	4.5		4.2	2.1		2.2	2.4
Q4	4.7		4.6	2.8		3.1	3.2
2014 Q1	4.9		4.6	2.8		2.9	2.9
Q2	5.4		5.3	3.0		2.7	2.8
Q3	4.6		4.8	2.8		2.6	2.8
Q4	4.1		4.0	2.8		2.7	2.8
2015 Q1	3.4		3.8	2.6		2.6	2.7
Q2	2.8		2.9	2.4		2.4	2.3
Q3	2.1		1.9	2.1		2.2	2.0
Q4	1.9		1.9	1.9		2.0	1.8

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

2 Taxes on products less subsidies.

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

2012 = 100

	Production							Service industries						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	Constr- uction	Distri- bution, hotels & restaura- nts	Transport storage and commu- nications	Business services and finance	Govern- ment and other services	Total	Gross value added ⁴	
2012 Weights³	7	20	103	14	12	149	59	136	106	311	234	786	1000	984
	L2KL	L2KR	L2KX	L2MW	L2N2	L2KQ	L2N8	L2PZ	KI8M	KI8O	KI8Q	L2NC	CGCE	KLH7
2012	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
2013	100.7	96.7	98.9	100.4	104.3	99.2	101.6	104.1	102.2	103.6	101.4	102.8	102.2	102.4
2014	115.1	96.2	101.6	94.6	105.1	100.5	109.2	109.0	105.3	107.4	103.3	106.2	105.0	105.2
2015	115.8	102.6	101.4	94.9	108.4	101.5	112.9	114.2	109.7	110.2	103.7	108.9	107.4	107.6
Seasonally adjusted														
2012 Q3	99.8	102.0	100.2	99.1	100.1	100.4	97.6	101.1	99.9	100.5	101.0	100.7	100.5	100.4
Q4	99.5	92.3	98.4	102.3	100.6	98.0	99.7	100.6	100.2	100.9	100.2	100.6	100.1	100.3
2013 Q1	98.6	93.6	98.3	104.1	100.1	98.4	98.1	102.0	102.3	102.0	100.8	101.7	100.9	101.1
Q2	99.4	96.3	98.7	102.1	102.3	99.0	100.8	103.8	102.2	103.1	101.2	102.5	101.9	102.1
Q3	101.5	99.2	99.2	96.9	107.1	99.6	102.7	105.0	102.1	104.2	101.6	103.3	102.7	102.8
Q4	103.2	97.8	99.4	98.3	107.5	99.8	104.8	105.5	102.1	104.9	102.2	103.9	103.3	103.5
2014 Q1	111.7	97.1	100.9	93.2	107.5	100.2	106.8	107.1	103.0	105.8	102.9	104.7	103.9	104.1
Q2	113.7	97.4	101.4	94.1	104.3	100.4	108.2	108.4	104.9	106.9	103.4	105.9	104.7	104.9
Q3	116.0	94.9	102.0	96.8	103.7	100.7	110.7	109.4	106.1	107.9	103.6	106.6	105.3	105.6
Q4	118.8	95.4	102.1	94.3	104.9	100.7	111.3	111.0	107.2	109.2	103.5	107.6	106.0	106.3
2015 Q1	115.0	96.6	102.0	96.6	105.4	101.1	113.6	112.3	108.1	109.3	103.4	107.9	106.6	106.8
Q2	115.7	103.9	101.4	94.5	109.4	101.8	114.1	113.6	109.2	109.8	103.5	108.5	107.2	107.3
Q3	116.0	106.1	101.0	95.3	109.6	101.9	112.2	114.6	110.2	110.4	103.8	109.2	107.7	107.7
Q4	116.4	103.7	101.0	93.0	109.1	101.3	111.7	116.2	111.2	111.2	104.0	109.9	108.2	108.3
Percentage change, latest year on previous year														
	L3BB	L3BH	L3BN	L3DM	L3DQ	L3BG	L3DW	L3GP	KI8L	KI8N	KI8P	L3E2	KGM7	KLH8
2012	-7.3	-10.9	-1.4	-0.9	-0.1	-2.8	-7.5	1.7	1.9	3.5	1.8	2.5	1.0	1.3
2013	0.7	-3.3	-1.1	0.4	4.3	-0.8	1.6	4.1	2.2	3.6	1.4	2.8	2.2	2.4
2014	14.3	-0.5	2.7	-5.8	0.8	1.3	7.5	4.7	3.1	3.8	1.9	3.3	2.7	2.8
2015	0.6	6.6	-0.2	0.3	3.1	1.0	3.4	4.8	4.2	2.5	0.4	2.5	2.3	2.2
Percentage change, latest quarter on previous quarter														
													KGM9	
2012 Q3	0.4	0.5	0.4	-3.9	0.5	0.2	-2.5	2.0	0.3	0.9	1.5	1.2	0.8	0.8
Q4	-0.3	-9.5	-1.8	3.2	0.5	-2.3	2.2	-0.6	0.3	0.5	-0.9	-0.1	-0.3	-0.1
2013 Q1	-0.9	1.4	-0.1	1.8	-0.4	0.3	-1.6	1.4	2.1	1.0	0.6	1.1	0.8	0.8
Q2	0.8	2.8	0.4	-1.9	2.2	0.6	2.8	1.8	-0.1	1.1	0.4	0.9	0.9	0.9
Q3	2.0	3.0	0.5	-5.1	4.6	0.6	1.8	1.2	-0.1	1.1	0.4	0.7	0.8	0.7
Q4	1.8	-1.4	0.3	1.5	0.4	0.2	2.1	0.5	0.1	0.7	0.6	0.5	0.6	0.6
2014 Q1	8.2	-0.6	1.4	-5.3	-	0.4	1.9	1.4	0.8	0.8	0.7	0.9	0.6	0.6
Q2	1.8	0.3	0.6	1.0	-3.0	0.2	1.3	1.3	1.9	1.1	0.5	1.1	0.8	0.8
Q3	2.0	-2.6	0.5	2.9	-0.5	0.2	2.3	0.9	1.1	0.9	0.2	0.7	0.6	0.7
Q4	2.4	0.6	0.1	-2.6	1.2	-	0.6	1.5	1.0	1.3	-0.1	0.9	0.7	0.7
2015 Q1	-3.2	1.2	-	2.4	0.5	0.4	2.1	1.2	0.9	-	-	0.3	0.5	0.5
Q2	0.7	7.6	-0.6	-2.2	3.8	0.7	0.5	1.1	1.0	0.5	0.1	0.5	0.6	0.4
Q3	0.2	2.2	-0.4	0.9	0.1	0.1	-1.7	0.9	0.9	0.6	0.3	0.6	0.4	0.4
Q4	0.4	-2.3	-	-2.4	-0.4	-0.5	-0.4	1.4	0.9	0.7	0.2	0.7	0.5	0.5
Percentage change, latest quarter on corresponding quarter of previous year														
	L3ZZ	L427	L42D	L44C	L44G	L426	L44M	L47F	KII2	KIH9	KIH8	L44Q	KGN3	KLH9
2012 Q3	-7.6	-6.9	-1.1	-4.7	0.9	-2.1	-9.6	2.5	0.8	3.1	2.8	2.6	1.1	1.3
Q4	-6.7	-15.2	-2.5	5.1	-1.8	-3.9	-7.8	1.9	1.3	2.9	1.7	2.1	0.6	0.9
2013 Q1	-2.5	-10.1	-3.2	8.9	0.3	-2.9	-4.3	2.9	1.9	3.0	1.6	2.4	1.2	1.5
Q2	-	-5.1	-1.1	-1.0	2.8	-1.2	0.7	4.7	2.6	3.5	1.6	3.0	2.2	2.4
Q3	1.6	-2.8	-1.1	-2.2	7.0	-0.8	5.1	3.8	2.2	3.7	0.6	2.6	2.2	2.4
Q4	3.8	5.9	1.0	-3.8	6.9	1.7	5.1	4.9	1.9	4.0	2.0	3.3	3.1	3.2
2014 Q1	13.3	3.7	2.6	-10.5	7.4	1.8	8.8	5.0	0.7	3.7	2.1	3.0	2.9	2.9
Q2	14.4	1.2	2.7	-7.9	1.9	1.4	7.3	4.4	2.7	3.7	2.2	3.2	2.7	2.8
Q3	14.3	-4.4	2.8	-0.1	-3.1	1.1	7.8	4.2	4.0	3.5	1.9	3.2	2.6	2.8
Q4	15.1	-2.4	2.7	-4.1	-2.4	0.9	6.2	5.2	4.9	4.1	1.2	3.6	2.7	2.8
2015 Q1	2.9	-0.6	1.2	3.7	-2.0	0.9	6.4	4.9	5.0	3.3	0.6	3.0	2.6	2.7
Q2	1.8	6.6	-	0.4	4.9	1.3	5.5	4.8	4.1	2.7	0.1	2.5	2.4	2.3
Q3	-	11.9	-0.9	-1.5	5.6	1.2	1.4	4.7	3.9	2.3	0.3	2.4	2.2	2.0
Q4	-2.0	8.7	-1.0	-1.3	4.0	0.6	0.4	4.6	3.7	1.8	0.5	2.2	2.0	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 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}

2012 = 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
2012 Weights³	108	106	27	76	117	118	54	65	73	42	786
	L2NE	KI8M	L2NQ	L2O6	L2OC	L2OH	L2P8	L2PA	L2PC	L2Q5	L2NC
2012	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2013	105.6	102.2	98.3	99.6	102.9	106.7	98.7	101.4	103.3	101.7	102.8
2014	110.9	105.3	101.3	98.5	105.8	114.8	97.0	102.2	106.1	108.3	106.2
2015	116.2	109.7	106.1	97.7	108.1	120.2	94.9	103.2	107.4	109.4	108.9
Seasonally adjusted											
2012 Q3	101.0	99.9	101.8	100.4	100.5	100.5	100.1	101.3	100.2	103.4	100.7
Q4	100.9	100.2	99.3	99.5	100.8	102.0	99.6	101.0	100.9	98.2	100.6
2013 Q1	103.1	102.3	97.6	101.5	101.5	102.8	98.9	100.9	102.4	100.1	101.7
Q2	105.1	102.2	98.6	99.5	102.6	105.9	99.0	101.3	103.0	100.8	102.5
Q3	106.6	102.1	98.6	98.9	103.3	108.5	99.0	101.4	103.6	101.8	103.3
Q4	107.3	102.1	98.5	98.4	104.3	109.8	98.1	101.9	104.3	104.2	103.9
2014 Q1	108.9	103.0	99.8	97.8	105.1	111.6	97.6	102.0	105.4	106.6	104.7
Q2	110.3	104.9	101.0	97.9	105.5	114.1	97.2	102.4	105.7	108.7	105.9
Q3	111.4	106.1	101.7	98.2	106.3	115.7	96.8	102.4	106.5	109.0	106.6
Q4	113.2	107.2	102.5	100.3	106.5	117.8	96.4	102.0	106.7	109.0	107.6
2015 Q1	114.3	108.1	104.6	99.2	107.3	117.7	96.0	102.6	106.2	109.4	107.9
Q2	115.7	109.2	105.4	97.6	107.7	119.6	94.8	102.9	107.1	109.4	108.5
Q3	116.8	110.2	106.1	96.9	108.4	121.1	94.4	103.3	108.0	109.5	109.2
Q4	118.1	111.2	108.4	97.0	109.1	122.5	94.4	103.8	108.3	109.3	109.9
Percentage change, latest year on previous year											
	L3E4	KI8L	L3EG	L3EU	L3F2	L3F7	L3FW	L3FY	L3G2	L3GT	L3E2
2012	1.1	1.9	4.3	0.2	3.3	6.0	-1.0	3.3	3.6	0.2	2.5
2013	5.6	2.2	-1.7	-0.4	2.9	6.7	-1.3	1.4	3.3	1.7	2.8
2014	5.1	3.1	3.0	-1.0	2.8	7.5	-1.7	0.8	2.7	6.5	3.3
2015	4.8	4.2	4.8	-0.9	2.2	4.7	-2.2	0.9	1.2	1.0	2.5
Percentage change, latest quarter on previous quarter											
2012 Q3	2.0	0.3	2.1	-0.4	0.6	2.0	-0.3	2.1	0.7	4.3	1.2
Q4	-0.1	0.3	-2.5	-0.9	0.3	1.5	-0.5	-0.3	0.7	-5.0	-0.1
2013 Q1	2.2	2.1	-1.7	1.9	0.7	0.7	-0.7	-0.1	1.5	1.9	1.1
Q2	2.0	-0.1	1.0	-1.9	1.1	3.1	0.1	0.4	0.5	0.8	0.9
Q3	1.4	-0.1	0.1	-0.6	0.7	2.4	-	0.2	0.6	1.0	0.7
Q4	0.6	0.1	-0.1	-0.5	1.0	1.2	-0.9	0.4	0.7	2.4	0.5
2014 Q1	1.5	0.8	1.3	-0.6	0.7	1.6	-0.6	0.2	1.0	2.2	0.9
Q2	1.3	1.9	1.2	0.1	0.4	2.2	-0.4	0.4	0.3	2.0	1.1
Q3	1.0	1.1	0.7	0.3	0.7	1.5	-0.4	-	0.7	0.2	0.7
Q4	1.6	1.0	0.7	2.1	0.2	1.7	-0.4	-0.3	0.2	-	0.9
2015 Q1	1.0	0.9	2.1	-1.1	0.7	-	-0.5	0.5	-0.5	0.4	0.3
Q2	1.2	1.0	0.8	-1.6	0.4	1.6	-1.2	0.3	0.8	-	0.5
Q3	0.9	0.9	0.6	-0.7	0.6	1.3	-0.5	0.4	0.8	0.1	0.6
Q4	1.2	0.9	2.2	0.1	0.6	1.2	-	0.4	0.3	-0.2	0.7
Percentage change, latest quarter on corresponding quarter of the previous year											
	L44S	KI12	L456	L45K	L45Q	L45V	L46M	L46O	L46Q	L47J	L44Q
2012 Q3	1.9	0.8	5.0	-0.2	3.2	5.2	-0.3	4.3	3.4	3.4	2.6
Q4	2.0	1.3	1.7	-0.7	2.4	5.7	-0.2	2.6	3.8	-1.2	2.1
2013 Q1	4.1	1.9	-1.5	2.3	2.7	3.8	-0.9	2.4	3.2	0.8	2.4
Q2	6.2	2.6	-1.2	-1.3	2.7	7.5	-1.5	2.1	3.4	1.7	3.0
Q3	5.6	2.2	-3.1	-1.5	2.8	8.0	-1.2	0.2	3.4	-1.5	2.6
Q4	6.4	1.9	-0.8	-1.2	3.5	7.6	-1.5	0.8	3.4	6.1	3.3
2014 Q1	5.6	0.7	2.2	-3.6	3.5	8.6	-1.3	1.2	2.9	6.5	3.0
Q2	4.9	2.7	2.5	-1.6	2.9	7.7	-1.8	1.1	2.7	7.8	3.2
Q3	4.4	4.0	3.1	-0.7	2.9	6.7	-2.1	0.9	2.8	7.0	3.2
Q4	5.5	4.9	4.0	2.0	2.1	7.3	-1.7	0.2	2.3	4.6	3.6
2015 Q1	4.9	5.0	4.8	1.5	2.1	5.5	-1.6	0.5	0.8	2.7	3.0
Q2	4.9	4.1	4.3	-0.2	2.1	4.8	-2.5	0.5	1.3	0.6	2.5
Q3	4.9	3.9	4.3	-1.3	2.0	4.6	-2.6	1.0	1.4	0.5	2.4
Q4	4.4	3.7	5.8	-3.3	2.4	4.0	-2.1	1.7	1.4	0.3	2.2

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

2 Components of output are valued at basic prices, which excludes taxes and includes subsidies on production.

3 Weights may not sum to the total due to rounding.

4 Comprising sections R, S and T of SIC(2007).

C1 Gross domestic product: expenditure at current market prices¹

£ million

Domestic expenditure on goods and services at market prices														
Final consumption expenditure			Gross capital formation										Statistical discrepancy (expenditure)	Gross domestic product at market prices
House- holds	Non- profit institutions ²	General government	Gross fixed capital formation	Change in inventories ³	Of which alignment adjust- ment	Acquisi- tions less disposals of valuables	Total domestic expend- iture	Total exports	Gross final expend- iture	less Total imports	Trade balance			
	ABJQ	HAYE	NMRP	NPQS	CAEX	DMUN	NPJQ	YBIL	IKBH	ABMF	IKBI	IKBJ	GIXM	YBHA
2012	1 029 378	53 186	345 950	268 221	1 533	–	828	1 699 096	501 734	2 200 830	535 617	–33 883	–	1 665 213
2013	1 073 106	54 978	348 044	280 520	7 175	–	5 359	1 769 182	521 039	2 290 221	555 272	–34 233	–	1 734 949
2014	1 118 992	56 159	358 523	305 712	11 037	–	952	1 851 375	513 428	2 364 803	547 830	–34 402	261	1 817 234
2015	1 155 747	56 954	362 330	322 196	–2 417	–	5 825	1 900 635	511 213	2 411 848	547 521	–36 308	–332	1 863 995
Seasonally adjusted														
2012 Q3	256 942	13 260	86 284	65 772	3 545	1 046	475	426 278	126 378	552 656	133 371	–6 993	–	419 285
Q4	262 011	13 337	86 667	67 419	2 131	–1 565	401	431 966	123 360	555 326	133 899	–10 539	–	421 427
2013 Q1	264 929	13 474	85 282	66 692	2 015	418	532	432 924	128 616	561 540	136 024	–7 408	–	425 516
Q2	265 555	13 646	87 273	69 091	322	–2 078	1 265	437 152	132 766	569 918	139 808	–7 042	–	430 110
Q3	269 339	13 835	87 225	70 867	4 899	1 315	–1 022	445 143	132 436	577 579	139 416	–6 980	–	438 163
Q4	273 283	14 023	88 264	73 870	–61	345	4 584	453 963	127 221	581 184	140 024	–12 803	–	441 160
2014 Q1	274 653	14 137	89 231	75 059	1 780	–1 424	769	455 629	127 006	582 635	136 281	–9 275	149	446 503
Q2	278 259	14 069	88 993	76 532	2 622	–1 860	–965	459 510	128 706	588 216	135 038	–6 332	148	453 326
Q3	281 706	13 987	90 847	77 108	4 051	2 108	75	467 774	127 375	595 149	136 851	–9 476	44	458 342
Q4	284 374	13 966	89 452	77 013	2 584	1 176	1 073	468 462	130 341	598 803	139 660	–9 319	–80	459 063
2015 Q1	284 850	14 139	89 590	79 655	1 432	–94	3 346	473 012	127 688	600 700	138 585	–10 897	–262	461 853
Q2	287 213	14 207	91 197	80 701	–2 307	–727	108	471 119	130 454	601 573	135 071	–4 617	–288	466 214
Q3	289 304	14 265	91 147	80 823	204	–610	1 181	476 924	127 414	604 338	136 330	–8 916	–87	467 921
Q4	294 380	14 343	90 396	81 017	–1 746	1 431	1 190	479 580	125 657	605 237	137 535	–11 878	305	468 007
Percentage change, latest year on previous year														
	KG Y7	KH 7G	KH 29	KG 6I				KG W8	KH 2L	KG V4	KH 3E			IH YM
2012	3.9	–0.1	1.8	3.7				3.2	0.9	2.7	2.4			2.8
2013	4.2	3.4	0.6	4.6				4.1	3.8	4.1	3.7			4.2
2014	4.3	2.1	3.0	9.0				4.6	–1.5	3.3	–1.3			4.7
2015	3.3	1.4	1.1	5.4				2.7	–0.4	2.0	–0.1			2.6
Percentage change, latest quarter on previous quarter														
	KG Y8	KG Z9	KH 2D	KG 6W				KG X4	KH 2P	KG V8	KH 3I			IH YN
2012 Q3	0.4	–	0.9	–1.5				1.2	1.6	1.3	–0.4			1.8
Q4	2.0	0.6	0.4	2.5				1.3	–2.4	0.5	0.4			0.5
2013 Q1	1.1	1.0	–1.6	–1.1				0.2	4.3	1.1	1.6			1.0
Q2	0.2	1.3	2.3	3.6				1.0	3.2	1.5	2.8			1.1
Q3	1.4	1.4	–0.1	2.6				1.8	–0.2	1.3	–0.3			1.9
Q4	1.5	1.4	1.2	4.2				2.0	–3.9	0.6	0.4			0.7
2014 Q1	0.5	0.8	1.1	1.6				0.4	–0.2	0.2	–2.7			1.2
Q2	1.3	–0.5	–0.3	2.0				0.9	1.3	1.0	–0.9			1.5
Q3	1.2	–0.6	2.1	0.8				1.8	–1.0	1.2	1.3			1.1
Q4	0.9	–0.2	–1.5	–0.1				0.1	2.3	0.6	2.1			0.2
2015 Q1	0.2	1.2	0.2	3.4				1.0	–2.0	0.3	–0.8			0.6
Q2	0.8	0.5	1.8	1.3				–0.4	2.2	0.1	–2.5			0.9
Q3	0.7	0.4	–0.1	0.2				1.2	–2.3	0.5	0.9			0.4
Q4	1.8	0.5	–0.8	0.2				0.6	–1.4	0.1	0.9			–
Percentage change, latest quarter on corresponding quarter of previous year														
	KG Y9	KH 22	KH 2E	KG 76				KG X5	KH 2Q	KG V9	KH 3J			IH YO
2012 Q3	3.5	–1.1	1.7	1.5				2.6	2.1	2.5	–0.1			3.4
Q4	3.7	–0.4	2.2	1.8				3.4	–1.4	2.3	0.1			3.0
2013 Q1	4.1	1.1	–2.5	–2.3				3.2	0.8	2.6	1.2			3.1
Q2	3.7	2.9	2.0	3.5				3.8	6.7	4.4	4.4			4.5
Q3	4.8	4.3	1.1	7.7				4.4	4.8	4.5	4.5			4.5
Q4	4.3	5.1	1.8	9.6				5.1	3.1	4.7	4.6			4.7
2014 Q1	3.7	4.9	4.6	12.5				5.2	–1.3	3.8	0.2			4.9
Q2	4.8	3.1	2.0	10.8				5.1	–3.1	3.2	–3.4			5.4
Q3	4.6	1.1	4.2	8.8				5.1	–3.8	3.0	–1.8			4.6
Q4	4.1	–0.4	1.3	4.3				3.2	2.5	3.0	–0.3			4.1
2015 Q1	3.7	–	0.4	6.1				3.8	0.5	3.1	1.7			3.4
Q2	3.2	1.0	2.5	5.4				2.5	1.4	2.3	–			2.8
Q3	2.7	2.0	0.3	4.8				2.0	–	1.5	–0.4			2.1
Q4	3.5	2.7	1.1	5.2				2.4	–3.6	1.1	–1.5			1.9

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

2 Non-profit making institutions serving households.

3 Quarterly alignment adjustment included in this series.

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

Reference year 2012, £ million

Domestic expenditure on goods and services at market prices															
	Final consumption expenditure			Gross capital formation					Total domestic expenditure	Total exports	Gross final expenditure	less Total imports	Trade balance	Statistical discrepancy (expenditure)	Gross domestic product at market prices
	Households	Non-profit institutions ²	General government	Gross fixed capital formation	Change in inventories ³	Of which alignment adjustment	Acquisitions less disposals of valuables								
	ABJR	HAYO	NMRY	NPQT	CAFU	DMUM	NPJR	YBIM	IKBK	ABMG	IKBL	IKBM	GIXS	ABMI	
2012	1 029 378	53 186	345 950	268 221	1 533	–	828	1 699 096	501 734	2 200 830	535 617	–33 883	–	1 665 213	
2013	1 049 204	53 774	347 628	275 083	13 632	–	4 500	1 743 821	507 798	2 251 619	550 439	–42 641	–	1 701 180	
2014	1 076 065	54 283	356 191	295 061	16 662	–	1 051	1 799 313	513 752	2 313 065	563 604	–49 852	251	1 749 712	
2015	1 108 307	54 793	362 209	307 319	10 092	–	5 618	1 848 338	539 646	2 387 984	598 621	–58 975	–317	1 789 046	
Seasonally adjusted															
2012 Q3	257 106	13 452	86 423	66 263	4 395	1 041	218	425 501	127 108	552 599	134 344	–7 236	–	418 255	
Q4	259 746	12 916	86 667	66 759	7 024	–1 552	–73	429 638	122 958	552 552	134 535	–11 577	–	418 024	
2013 Q1	260 630	13 306	86 075	66 409	1 122	418	1 532	429 074	125 311	554 385	133 606	–8 295	–	420 779	
Q2	260 664	13 473	86 786	67 689	3 116	–2 039	178	431 906	129 403	561 309	138 027	–8 624	–	423 282	
Q3	262 985	13 493	87 283	69 748	2 180	1 286	1 314	437 003	128 380	565 383	138 186	–9 806	–	427 197	
Q4	264 925	13 502	87 484	71 237	7 214	335	1 476	445 838	124 704	570 542	140 620	–15 916	–	429 922	
2014 Q1	266 163	13 709	88 473	71 650	4 926	–1 375	766	445 687	125 854	571 541	139 025	–13 171	144	432 660	
Q2	268 257	13 783	89 182	73 542	1 932	–1 785	261	446 957	127 356	574 313	138 327	–10 971	142	436 128	
Q3	269 973	13 492	89 420	74 887	4 828	2 023	–400	452 200	127 868	580 068	141 125	–13 257	42	438 985	
Q4	271 672	13 299	89 116	74 982	4 976	1 137	424	454 469	132 674	587 143	145 127	–12 453	–77	441 939	
2015 Q1	273 810	13 552	89 522	76 004	6 417	–91	2 321	461 626	132 335	593 961	149 923	–17 588	–252	443 786	
Q2	276 145	13 861	90 417	77 186	–1 613	–699	805	456 801	136 260	593 061	146 339	–10 079	–276	446 446	
Q3	278 245	13 654	90 917	77 086	1 711	–587	1 495	463 108	135 615	598 723	150 311	–14 696	–83	448 329	
Q4	280 107	13 726	91 353	77 043	3 577	1 377	997	466 803	135 436	602 239	152 048	–16 612	294	450 485	
Percentage change, latest year on previous year															
	KGZ5	KH23	KH2F	KG7F						KGX6	KH2R	KGW2	KH3K	IHYP	
2012	2.0	–1.1	1.8	1.5						1.9	0.7	1.6	2.9	1.2	
2013	1.9	1.1	0.5	2.6						2.6	1.2	2.3	2.8	2.2	
2014	2.6	0.9	2.5	7.3						3.2	1.2	2.7	2.4	2.9	
2015	3.0	0.9	1.7	4.2						2.7	5.0	3.2	6.2	2.2	
Percentage change, latest quarter on previous quarter															
	KGZ6	KH27	KH2J	KG7Q						KGY2	KH2V	KGW6	KH3O	IHYQ	
2012 Q3	0.2	–0.5	0.6	–0.5						0.4	2.3	0.8	0.2	1.0	
Q4	1.0	–4.0	0.3	0.7						1.0	–3.3	–	0.1	–0.1	
2013 Q1	0.3	3.0	–0.7	–0.5						–0.1	1.9	0.3	–0.7	0.7	
Q2	–	1.3	0.8	1.9						0.7	3.3	1.2	3.3	0.6	
Q3	0.9	0.1	0.6	3.0						1.2	–0.8	0.7	0.1	0.9	
Q4	0.7	0.1	0.2	2.1						2.0	–2.9	0.9	1.8	0.6	
2014 Q1	0.5	1.5	1.1	0.6						–	0.9	0.2	–1.1	0.6	
Q2	0.8	0.5	0.8	2.6						0.3	1.2	0.5	–0.5	0.8	
Q3	0.6	–2.1	0.3	1.8						1.2	0.4	1.0	2.0	0.7	
Q4	0.6	–1.4	–0.3	0.1						0.5	3.8	1.2	2.8	0.7	
2015 Q1	0.8	1.9	0.5	1.4						1.6	–0.3	1.2	3.3	0.4	
Q2	0.9	2.3	1.0	1.6						–1.0	3.0	–0.2	–2.4	0.6	
Q3	0.8	–1.5	0.6	–0.1						1.4	–0.5	1.0	2.7	0.4	
Q4	0.7	0.5	0.5	–0.1						0.8	–0.1	0.6	1.2	0.5	
Percentage change, latest quarter on corresponding quarter of previous year															
	KGZ7	KH28	KH2K	KG7T						KGY3	KH2W	KGW7	KH3P	IHYR	
2012 Q3	2.1	–0.7	1.9	0.2						1.1	3.4	1.6	2.8	1.2	
Q4	2.2	–3.6	2.1	–0.4						1.9	–0.9	1.2	1.9	1.0	
2013 Q1	1.8	–	–1.0	–3.2						2.2	–1.6	1.3	0.8	1.4	
Q2	1.6	–0.3	1.0	1.6						1.9	4.1	2.4	2.9	2.2	
Q3	2.3	0.3	1.0	5.3						2.7	1.0	2.3	2.9	2.1	
Q4	2.0	4.5	0.9	6.7						3.8	1.4	3.3	4.5	2.8	
2014 Q1	2.1	3.0	2.8	7.9						3.9	0.4	3.1	4.1	2.8	
Q2	2.9	2.3	2.8	8.6						3.5	–1.6	2.3	0.2	3.0	
Q3	2.7	–	2.4	7.4						3.5	–0.4	2.6	2.1	2.8	
Q4	2.5	–1.5	1.9	5.3						1.9	6.4	2.9	3.2	2.8	
2015 Q1	2.9	–1.1	1.2	6.1						3.6	5.1	3.9	7.8	2.6	
Q2	2.9	0.6	1.4	5.0						2.2	7.0	3.3	5.8	2.4	
Q3	3.1	1.2	1.7	2.9						2.4	6.1	3.2	6.5	2.1	
Q4	3.1	3.2	2.5	2.7						2.7	2.1	2.6	4.8	1.9	

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

2 Non-profit making institutions serving households.

3 Quarterly alignment adjustment included in this series.

D Gross domestic product by category of income: current prices¹

£ million

	Gross operating surplus of corporations										Gross domestic product at market prices
	Compensation of employees	Private non-financial corporations ²	Of which alignment adjustment	Financial corporations	Public corporations	Total ²	Other income ³	Gross value added at factor cost	Taxes on products & production less subsidies	Statistical discrepancy (income)	
	DTWM	CAER	DMUQ	NHCZ	CAEQ	CGBZ	CGBX	CGCB	CMVL	GIXQ	YBHA
2012	850 054	290 491	–	48 584	10 020	349 095	264 294	1 463 443	201 770	–	1 665 213
2013	873 202	313 326	–	59 032	10 045	382 403	268 006	1 523 611	211 338	–	1 734 949
2014	888 805	339 057	–	63 248	8 883	411 188	286 518	1 586 511	221 758	8 965	1 817 234
2015	921 017	..	–	..	..	409 986	296 139	1 627 142	226 514	10 339	1 863 995
Seasonally adjusted											
2012 Q3	213 805	73 859	1 286	12 372	2 611	88 842	66 413	369 060	50 225	–	419 285
Q4	213 820	73 943	–1 223	11 836	2 550	88 329	67 338	369 487	51 940	–	421 427
2013 Q1	215 293	75 689	–1 272	14 332	2 646	92 667	66 397	374 357	51 159	–	425 516
Q2	219 378	75 196	–2 021	13 833	2 931	91 960	66 680	378 018	52 092	–	430 110
Q3	219 494	81 032	1 513	15 127	2 350	98 509	66 557	384 560	53 603	–	438 163
Q4	219 037	81 409	1 780	15 740	2 118	99 267	68 372	386 676	54 484	–	441 160
2014 Q1	220 415	82 480	52	15 595	2 333	100 408	69 721	390 544	54 700	1 259	446 503
Q2	219 890	85 299	789	17 068	2 506	104 873	71 264	396 027	55 308	1 991	453 326
Q3	222 753	87 733	1 212	16 391	2 060	106 184	71 811	400 748	54 963	2 631	458 342
Q4	225 747	83 545	–2 053	14 194	1 984	99 723	73 722	399 192	56 787	3 084	459 063
2015 Q1	227 588	84 821	–132	15 716	2 447	102 984	73 231	403 803	55 062	2 988	461 853
Q2	229 696	86 822	300	14 110	2 334	103 266	73 752	406 714	56 655	2 845	466 214
Q3	231 096	87 846	887	13 908	1 959	103 713	73 816	408 625	56 803	2 493	467 921
Q4	232 637	..	–1 055	..	..	100 023	75 340	408 000	57 994	2 013	468 007
Percentage change, latest year on previous year											
	KH4M						KH6Q	KH6K	KH4J		IHYM
2012	2.3	1.0		–3.3	9.2	0.6	8.0	2.9	2.5		2.8
2013	2.7	7.9		21.5	0.2	9.5	1.4	4.1	4.7		4.2
2014	1.8	8.2		7.1	–11.6	7.5	6.9	4.1	4.9		4.7
2015	3.6	..		..	..	–0.3	3.4	2.6	2.1		2.6
Percentage change, latest quarter on previous quarter											
	KGI4	KH5A		KH5M	KH54	KH4W	KH6U	KH6O	KH66		IHYN
2012 Q3	1.6	4.5		–1.8	5.6	3.6	0.8	1.9	1.4		1.8
Q4	–	0.1		–4.3	–2.3	–0.6	1.4	0.1	3.4		0.5
2013 Q1	0.7	2.4		21.1	3.8	4.9	–1.4	1.3	–1.5		1.0
Q2	1.9	–0.7		–3.5	10.8	–0.8	0.4	1.0	1.8		1.1
Q3	0.1	7.8		9.4	–19.8	7.1	–0.2	1.7	2.9		1.9
Q4	–0.2	0.5		4.1	–9.9	0.8	2.7	0.6	1.6		0.7
2014 Q1	0.6	1.3		–0.9	10.2	1.1	2.0	1.0	0.4		1.2
Q2	–0.2	3.4		9.4	7.4	4.4	2.2	1.4	1.1		1.5
Q3	1.3	2.9		–4.0	–17.8	1.3	0.8	1.2	–0.6		1.1
Q4	1.3	–4.8		–13.4	–3.7	–6.1	2.7	–0.4	3.3		0.2
2015 Q1	0.8	1.5		10.7	23.3	3.3	–0.7	1.2	–3.0		0.6
Q2	0.9	2.4		–10.2	–4.6	0.3	0.7	0.7	2.9		0.9
Q3	0.6	1.2		–1.4	–16.1	0.4	0.1	0.5	0.3		0.4
Q4	0.7	..		..	..	–3.6	2.1	–0.2	2.1		–
Percentage change, latest quarter on corresponding quarter of previous year											
	KGI5	KH5B		KH5N	KH55	KH4X	KH6V	KH6P	KH67		IHYO
2012 Q3	4.1	1.2		–9.1	17.0	–	8.6	3.8	0.1		3.4
Q4	2.3	0.1		8.3	19.2	1.6	6.3	2.9	4.2		3.0
2013 Q1	1.6	5.1		21.7	10.9	7.5	2.7	3.2	2.2		3.1
Q2	4.2	6.4		9.8	18.6	7.2	1.2	4.4	5.2		4.5
Q3	2.7	9.7		22.3	–10.0	10.9	0.2	4.2	6.7		4.5
Q4	2.4	10.1		33.0	–16.9	12.4	1.5	4.7	4.9		4.7
2014 Q1	2.4	9.0		8.8	–11.8	8.4	5.0	4.3	6.9		4.9
Q2	0.2	13.4		23.4	–14.5	14.0	6.9	4.8	6.2		5.4
Q3	1.5	8.3		8.4	–12.3	7.8	7.9	4.2	2.5		4.6
Q4	3.1	2.6		–9.8	–6.3	0.5	7.8	3.2	4.2		4.1
2015 Q1	3.3	2.8		0.8	4.9	2.6	5.0	3.4	0.7		3.4
Q2	4.5	1.8		–17.3	–6.9	–1.5	3.5	2.7	2.4		2.8
Q3	3.7	0.1		–15.1	–4.9	–2.3	2.8	2.0	3.3		2.1
Q4	3.1	..		..	..	0.3	2.2	2.2	2.1		1.9

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

2 Quarterly alignment adjustment included in this series.

E1 Household final consumption expenditure by purpose

Current prices

£ million

UK NATIONAL ²																
UK DOMESTIC ³																
COICOP ¹	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous	
	0	01	02	03	04	05	06	07	08	09	10	11	12			
	ABJQ	ABTF	ZAKV	ZWUM	ZAKX	ZAKZ	ZAVN	ZAVV	ZAWB	ZAWL	ZAWV	ZAWZ	ZWUS	ZAXR	ZAYF	
2012	1 029 378	10 555	1 018 823	91 377	42 878	55 814	255 613	47 165	17 818	143 474	20 420	103 959	15 865	96 399	128 041	
2013	1 073 106	9 333	1 063 773	96 199	43 526	58 905	265 162	49 300	19 121	150 124	21 975	104 353	17 882	101 277	135 949	
2014	1 118 992	9 081	1 109 911	95 385	44 536	63 080	269 816	52 453	20 118	156 480	22 749	111 497	19 587	106 271	147 939	
2015	1 155 747	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Seasonally adjusted																
2012 Q3	256 942	2 510	254 432	22 790	10 711	13 988	63 550	11 886	4 533	35 776	5 084	26 623	3 848	24 199	31 444	
Q4	262 011	2 281	259 730	23 598	10 808	13 815	66 110	11 876	4 512	36 311	5 230	26 815	4 381	24 816	31 458	
2013 Q1	264 929	2 515	262 414	23 816	10 950	14 414	66 016	12 005	4 561	36 485	5 422	25 326	4 380	25 095	33 944	
Q2	265 555	2 205	263 350	23 941	10 556	14 338	66 129	12 296	4 582	37 518	5 448	25 984	4 380	25 179	32 999	
Q3	269 339	2 335	267 004	24 169	11 021	14 823	65 419	12 407	4 816	38 318	5 487	26 465	4 383	25 370	34 326	
Q4	273 283	2 278	271 005	24 273	10 999	15 330	67 598	12 592	5 162	37 803	5 618	26 578	4 739	25 633	34 680	
2014 Q1	274 653	2 732	271 921	24 057	11 112	15 196	66 246	12 734	5 089	38 231	5 643	27 100	4 761	26 236	35 516	
Q2	278 259	1 978	276 281	23 847	11 070	15 919	66 706	13 182	5 106	38 610	5 599	27 716	4 799	26 638	37 089	
Q3	281 706	1 782	279 924	23 905	11 183	15 980	67 434	13 264	4 973	40 293	5 722	28 216	4 820	26 603	37 531	
Q4	284 374	2 589	281 785	23 576	11 171	15 985	69 430	13 273	4 950	39 346	5 785	28 465	5 207	26 794	37 803	
2015 Q1	284 850	2 947	281 903	23 273	11 071	16 316	69 119	13 617	5 092	39 164	5 906	28 895	5 237	27 150	37 063	
Q2	287 213	2 757	284 456	23 228	11 156	16 570	69 342	13 573	5 147	40 096	5 991	29 199	5 268	27 418	37 468	
Q3	289 304	2 775	286 529	23 366	11 174	16 537	69 603	13 714	5 256	40 220	6 063	29 466	5 302	27 641	38 187	
Q4	294 380	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, latest year on previous year																
	KG7	KG6U	KG9N	KG3F	KG9F	KG7G	KG5H	KG6I	KG4J	KG2K	KG8K	KG2B	KG6C	KG2E		
2012	3.9	4.0	5.0	2.1	3.2	4.1	1.8	8.9	5.3	2.4	3.3	5.5	4.9	2.9		
2013	4.2	4.4	5.3	1.5	5.5	3.7	4.5	7.3	4.6	7.6	0.4	12.7	5.1	6.2		
2014	4.3	4.3	-0.8	2.3	7.1	1.8	6.4	5.2	4.2	3.5	6.8	9.5	4.9	8.8		
2015	3.3	..	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, quarter on previous quarter																
	KG8	KG74	KG9R	KG4F	KG2G	KG8G	KG6H	KG7I	KG5J	KG3K	KG9K	KG3B	KG7C	KG3E		
2012 Q3	0.4	0.5	1.2	0.6	0.4	-0.1	0.9	2.5	0.9	0.8	5.3	0.5	1.6	-4.2		
Q4	2.0	2.1	3.5	0.9	-1.2	4.0	-0.1	-0.5	1.5	2.9	0.7	13.9	2.5	-		
2013 Q1	1.1	1.0	0.9	1.3	4.3	-0.1	1.1	1.1	0.5	3.7	-5.6	-	1.1	7.9		
Q2	0.2	0.4	0.5	-3.6	-0.5	0.2	2.4	0.5	2.8	0.5	2.6	-	0.3	-2.8		
Q3	1.4	1.4	1.0	4.4	3.4	-1.1	0.9	5.1	2.1	0.7	1.9	0.1	0.8	4.0		
Q4	1.5	1.5	0.4	-0.2	3.4	3.3	1.5	7.2	-1.3	2.4	0.4	8.1	1.0	1.0		
2014 Q1	0.5	0.3	-0.9	1.0	-0.9	-2.0	1.1	-1.4	1.1	0.4	2.0	0.5	2.4	2.4		
Q2	1.3	1.6	-0.9	-0.4	4.8	0.7	3.5	0.3	1.0	-0.8	2.3	0.8	1.5	4.4		
Q3	1.2	1.3	0.2	1.0	0.4	1.1	0.6	-2.6	4.4	2.2	1.8	0.4	-0.1	1.2		
Q4	0.9	0.7	-1.4	-0.1	-	3.0	0.1	-0.5	-2.4	1.1	0.9	8.0	0.7	0.7		
2015 Q1	0.2	-	-1.3	-0.9	2.1	-0.4	2.6	2.9	-0.5	2.1	1.5	0.6	1.3	-2.0		
Q2	0.8	0.9	-0.2	0.8	1.6	0.3	-0.3	1.1	2.4	1.4	1.1	0.6	1.0	1.1		
Q3	0.7	0.7	0.6	0.2	-0.2	0.4	1.0	2.1	0.3	1.2	0.9	0.6	0.8	1.9		
Q4	1.8	..	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, quarter on corresponding quarter of previous year																
	KG9	KG7C	KG9V	KG5F	KG3G	KG9G	KG7H	KG8I	KG6J	KG4K	KG2L	KG4B	KG8C	KG4E		
2012 Q3	3.5	3.7	3.4	1.0	2.5	2.6	3.0	10.2	6.6	2.4	7.6	2.4	4.3	0.4		
Q4	3.7	3.9	7.2	1.0	-0.1	4.4	3.1	8.7	3.7	2.3	7.9	15.9	6.3	-2.9		
2013 Q1	4.1	4.4	6.0	2.2	2.4	5.9	3.3	4.9	1.6	7.1	0.4	15.1	6.5	5.0		
Q2	3.7	4.0	6.3	-0.8	2.9	3.9	4.4	3.6	5.8	8.0	2.8	14.4	5.7	0.5		
Q3	4.8	4.9	6.1	2.9	6.0	2.9	4.4	6.2	7.1	7.9	-0.6	13.9	4.8	9.2		
Q4	4.3	4.3	2.9	1.8	11.0	2.3	6.0	14.4	4.1	7.4	-0.9	8.2	3.3	10.2		
2014 Q1	3.7	3.6	1.0	1.5	5.4	0.3	6.1	11.6	4.8	4.1	7.0	8.7	4.5	4.6		
Q2	4.8	4.9	-0.4	4.9	11.0	0.9	7.2	11.4	2.9	2.8	6.7	9.6	5.8	12.4		
Q3	4.6	4.8	-1.1	1.5	7.8	3.1	6.9	3.3	5.2	4.3	6.6	10.0	4.9	9.3		
Q4	4.1	4.0	-2.9	1.6	4.3	2.7	5.4	-4.1	4.1	3.0	7.1	9.9	4.5	9.0		
2015 Q1	3.7	3.7	-3.3	-0.4	7.4	4.3	6.9	0.1	2.4	4.7	6.6	10.0	3.5	4.4		
Q2	3.2	3.0	-2.6	0.8	4.1	4.0	3.0	0.8	3.8	7.0	5.4	9.8	2.9	1.0		
Q3	2.7	2.4	-2.3	-0.1	3.5	3.2	3.4	5.7	-0.2	6.0	4.4	10.0	3.9	1.7		
Q4	3.5	..	..	..	..	..	..	..	..	..	..	..	..	..

1 ESA 10 Classification of Individual Consumption by Purpose.

2 Final Consumption by UK Households in the UK & abroad.

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

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

£ million

UK NATIONAL ²								
UK DOMESTIC ³								
COICOP ¹	Total	Net tourism	Goods					
			Total	Total	Durable goods	Semi- durable goods	Non- durable goods	Services
					D	SD	ND	S
	ABJQ	ABTF	ZAKV	UTIF	UTIB	UTIR	UTIJ	UTIN
2012	1 029 378	10 555	1 018 823	452 276	95 244	105 836	251 196	566 547
2013	1 073 106	9 333	1 063 773	469 080	97 972	109 514	261 594	594 693
2014	1 118 992	9 081	1 109 911	484 293	106 247	117 514	260 532	625 618
2015	1 155 747	..	..	..	..	..	..	..
Seasonally adjusted								
2012 Q3	256 942	2 510	254 432	113 107	23 861	26 640	62 606	141 325
Q4	262 011	2 281	259 730	115 416	24 476	26 464	64 476	144 314
2013 Q1	264 929	2 515	262 414	115 708	23 345	26 872	65 491	146 706
Q2	265 555	2 205	263 350	116 480	24 491	26 938	65 051	146 870
Q3	269 339	2 335	267 004	117 888	25 182	27 447	65 259	149 116
Q4	273 283	2 278	271 005	119 004	24 954	28 257	65 793	152 001
2014 Q1	274 653	2 732	271 921	119 357	25 748	28 470	65 139	152 564
Q2	278 259	1 978	276 281	120 754	26 214	29 472	65 068	155 527
Q3	281 706	1 782	279 924	122 576	27 258	29 796	65 522	157 348
Q4	284 374	2 589	281 785	121 606	27 027	29 776	64 803	160 179
2015 Q1	284 850	2 947	281 903	122 269	27 718	30 343	64 208	159 634
Q2	287 213	2 757	284 456	122 803	27 766	30 730	64 307	161 653
Q3	289 304	2 775	286 529	123 441	28 174	31 153	64 114	163 088
Q4	294 380	..	..	..	..	..	..	..
Percentage change, latest year on previous year								
	KG Y7		KG6U	KHC9	KHB5	KHH5	KHE2	KHF6
2012	3.9		4.0	4.3	5.3	2.8	4.5	3.8
2013	4.2		4.4	3.7	2.9	3.5	4.1	5.0
2014	4.3		4.3	3.2	8.4	7.3	-0.4	5.2
2015	3.3		..	..	..	..	..	..
Percentage change, quarter on previous quarter								
	KG Y8		KG74	KHD2	KHB6	KHH6	KHE6	KHG2
2012 Q3	0.4		0.5	0.9	1.0	1.4	0.6	0.2
Q4	2.0		2.1	2.0	2.6	-0.7	3.0	2.1
2013 Q1	1.1		1.0	0.3	-4.6	1.5	1.6	1.7
Q2	0.2		0.4	0.7	4.9	0.2	-0.7	0.1
Q3	1.4		1.4	1.2	2.8	1.9	0.3	1.5
Q4	1.5		1.5	0.9	-0.9	3.0	0.8	1.9
2014 Q1	0.5		0.3	0.3	3.2	0.8	-1.0	0.4
Q2	1.3		1.6	1.2	1.8	3.5	-0.1	1.9
Q3	1.2		1.3	1.5	4.0	1.1	0.7	1.2
Q4	0.9		0.7	-0.8	-0.8	-0.1	-1.1	1.8
2015 Q1	0.2		-	0.5	2.6	1.9	-0.9	-0.3
Q2	0.8		0.9	0.4	0.2	1.3	0.2	1.3
Q3	0.7		0.7	0.5	1.5	1.4	-0.3	0.9
Q4	1.8		..	..	..	..	..	..
Percentage change, quarter on corresponding quarter of previous year								
	KG Y9		KG7C	KHD3	KHB7	KHH7	KHE7	KHG3
2012 Q3	3.5		3.7	3.4	6.2	3.1	2.6	3.9
Q4	3.7		3.9	5.0	7.0	1.4	5.8	3.0
2013 Q1	4.1		4.4	3.6	0.3	1.6	5.8	4.9
Q2	3.7		4.0	3.9	3.7	2.5	4.6	4.1
Q3	4.8		4.9	4.2	5.5	3.0	4.2	5.5
Q4	4.3		4.3	3.1	2.0	6.8	2.0	5.3
2014 Q1	3.7		3.6	3.2	10.3	5.9	-0.5	4.0
Q2	4.8		4.9	3.7	7.0	9.4	-	5.9
Q3	4.6		4.8	4.0	8.2	8.6	0.4	5.5
Q4	4.1		4.0	2.2	8.3	5.4	-1.5	5.4
2015 Q1	3.7		3.7	2.4	7.7	6.6	-1.4	4.6
Q2	3.2		3.0	1.7	5.9	4.3	-1.2	3.9
Q3	2.7		2.4	0.7	3.4	4.6	-2.1	3.6
Q4	3.5		..	..	..	..	..	..

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 2012, £ million

UK NATIONAL ²																
UK DOMESTIC ³																
COICOP ¹	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous	
	0	01	02	03	04	05	06	07	08	09	10	11	12			
	ABJR	ABTH	ZAKW	ZWUN	ZAKY	ZALA	ZAVO	ZAVW	ZAWC	ZAWM	ZAWW	ZAXA	ZWUT	ZAXS	ZAYG	
2012	1 029 378	10 555	1 018 823	91 377	42 878	55 814	255 613	47 165	17 818	143 474	20 420	103 959	15 865	96 399	128 041	
2013	1 049 204	8 522	1 040 684	92 780	41 019	58 369	258 913	48 970	18 814	147 530	21 322	103 486	15 248	98 984	135 249	
2014	1 076 065	10 297	1 065 768	92 119	40 865	62 958	257 992	51 580	19 330	153 982	21 801	109 847	15 157	100 892	139 245	
2015	1 108 307	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Seasonally adjusted																
2012 Q3	257 106	2 568	254 532	22 780	10 760	13 968	63 714	11 823	4 528	35 903	5 052	26 589	4 025	23 900	31 480	
Q4	259 746	2 577	257 173	23 238	10 630	13 850	64 512	11 905	4 488	36 344	5 186	26 911	3 835	24 486	31 780	
2013 Q1	260 630	2 099	258 532	23 180	10 597	14 212	65 251	11 995	4 539	35 758	5 295	25 257	3 836	24 667	33 945	
Q2	260 664	1 968	258 696	23 110	10 048	14 231	65 105	12 230	4 515	37 078	5 294	25 723	3 836	24 691	32 835	
Q3	262 985	2 232	260 752	23 233	10 281	14 693	64 116	12 298	4 736	37 637	5 312	26 188	3 814	24 791	33 653	
Q4	264 925	2 223	262 704	23 257	10 093	15 233	64 441	12 447	5 024	37 057	5 421	26 318	3 762	24 835	34 816	
2014 Q1	266 163	2 754	263 409	23 029	10 188	15 333	64 157	12 514	4 935	37 656	5 380	26 749	3 780	25 179	34 509	
Q2	268 257	2 262	265 995	22 992	10 225	15 738	64 271	12 953	4 912	38 004	5 378	27 261	3 811	25 436	35 014	
Q3	269 973	2 399	267 574	23 107	10 332	15 863	64 600	13 000	4 760	39 060	5 494	27 644	3 804	25 182	34 728	
Q4	271 672	2 882	268 790	22 991	10 120	16 024	64 964	13 113	4 723	39 262	5 549	28 193	3 762	25 095	34 994	
2015 Q1	273 810	3 351	270 459	23 004	10 044	16 166	65 951	13 388	4 832	39 083	5 609	28 674	3 782	25 404	34 522	
Q2	276 145	3 676	272 469	23 024	10 068	16 430	65 878	13 360	4 843	39 845	5 691	29 008	3 805	25 494	35 023	
Q3	278 245	4 062	274 183	23 251	10 008	16 533	65 851	13 518	4 932	40 296	5 754	29 377	3 813	25 505	35 345	
Q4	280 107	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, latest year on previous year																
	KGZ5	KG7O	KG9Y	KG6F	KG6G	KGH2	KGH8	KG19	KGJ7	KGK5	KGL3	KGB8	KGD4	KGE8		
2012	2.0	1.9	1.9	0.7	2.5	1.2	-0.8	7.1	3.4	-1.9	4.0	-2.8	1.0	2.1		
2013	1.9	2.1	1.5	-4.3	4.6	1.3	3.8	5.6	2.8	4.4	-0.5	-3.9	2.7	5.6		
2014	2.6	2.4	-0.7	-0.4	7.9	-0.4	5.3	2.7	4.4	2.2	6.1	-0.6	1.9	3.0		
2015	3.0	..	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, quarter on previous quarter																
	KGZ6	KG7R	KGA3	KG7F	KG6G	KGH3	KGH9	KGJ2	KGJ8	KGK6	KGL4	KGB9	KGD5	KGE9		
2012 Q3	0.2	0.3	0.6	0.2	-	-0.6	0.6	2.4	1.8	0.2	5.3	0.2	0.3	-4.1		
Q4	1.0	1.0	2.0	-1.2	-0.8	1.3	0.7	-0.9	1.2	2.7	1.2	-4.7	2.5	1.0		
2013 Q1	0.3	0.5	-0.2	-0.3	2.6	1.1	0.8	1.1	-1.6	2.1	-6.1	-	0.7	6.8		
Q2	-	0.1	-0.3	-5.2	0.1	-0.2	2.0	-0.5	3.7	-	1.8	-	0.1	-3.3		
Q3	0.9	0.8	0.5	2.3	3.2	-1.5	0.6	4.9	1.5	0.3	1.8	-0.6	0.4	2.5		
Q4	0.7	0.7	0.1	-1.8	3.7	0.5	1.2	6.1	-1.5	2.1	0.5	-1.4	0.2	3.5		
2014 Q1	0.5	0.3	-1.0	0.9	0.7	-0.4	0.5	-1.8	1.6	-0.8	1.6	0.5	1.4	-0.9		
Q2	0.8	1.0	-0.2	0.4	2.6	0.2	3.5	-0.5	0.9	-	1.9	0.8	1.0	1.5		
Q3	0.6	0.6	0.5	1.0	0.8	0.5	0.4	-3.1	2.8	2.2	1.4	-0.2	-1.0	-0.8		
Q4	0.6	0.5	-0.5	-2.1	1.0	0.6	0.9	-0.8	0.5	1.0	2.0	-1.1	-0.3	0.8		
2015 Q1	0.8	0.6	0.1	-0.8	0.9	1.5	2.1	2.3	-0.5	1.1	1.7	0.5	1.2	-1.3		
Q2	0.9	0.7	0.1	0.2	1.6	-0.1	-0.2	0.2	1.9	1.5	1.2	0.6	0.4	1.5		
Q3	0.8	0.6	1.0	-0.6	0.6	-	1.2	1.8	1.1	1.1	1.3	0.2	-	0.9		
Q4	0.7	..	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, quarter on corresponding quarter of previous year																
	KGZ7	KG7U	KGA6	KG7F	KG6G	KGH4	KG12	KGJ3	KGJ9	KGK7	KGL5	KGC2	KGD6	KG7F		
2012 Q3	2.1	1.8	1.6	1.8	2.0	0.1	0.2	8.6	4.7	-1.9	7.3	-1.9	-0.2	0.2		
Q4	2.2	2.1	3.5	0.4	0.4	2.3	2.2	6.9	2.0	-1.2	7.8	-3.2	1.6	-1.0		
2013 Q1	1.8	2.1	2.1	-1.5	1.3	3.1	2.7	3.7	-0.6	3.1	0.2	-3.8	2.0	6.2		
Q2	1.6	1.9	2.0	-6.4	1.9	1.6	4.1	2.1	5.1	5.0	1.9	-4.5	3.6	-		
Q3	2.3	2.4	2.0	-4.5	5.2	0.6	4.0	4.6	4.8	5.1	-1.5	-5.2	3.7	6.9		
Q4	2.0	2.2	0.1	-5.1	10.0	-0.1	4.6	11.9	2.0	4.5	-2.2	-1.9	1.4	9.6		
2014 Q1	2.1	1.9	-0.7	-3.9	7.9	-1.7	4.3	8.7	5.3	1.6	5.9	-1.5	2.1	1.7		
Q2	2.9	2.8	-0.5	1.8	10.6	-1.3	5.9	8.8	2.5	1.6	6.0	-0.7	3.0	6.6		
Q3	2.7	2.6	-0.5	0.5	8.0	0.8	5.7	0.5	3.8	3.4	5.6	-0.3	1.6	3.2		
Q4	2.5	2.3	-1.1	0.3	5.2	0.8	5.4	-6.0	6.0	2.4	7.1	-	1.0	0.5		
2015 Q1	2.9	2.7	-0.1	-1.4	5.4	2.8	7.0	-2.1	3.8	4.3	7.2	0.1	0.9	-		
Q2	2.9	2.4	0.1	-1.5	4.4	2.5	3.1	-1.4	4.8	5.8	6.4	-0.2	0.2	-		
Q3	3.1	2.5	0.6	-3.1	4.2	1.9	4.0	3.6	3.2	4.7	6.3	0.2	1.3	1.8		
Q4	3.1	..	..	..	..	..	..	..	..	..	..	..	..	..

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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

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

Reference year 2012, £ million

UK NATIONAL ²								
UK DOMESTIC ³								
COICOP ¹	Goods							
	Total	Net tourism	Total	Total	Durable goods	Semi- durable goods	Non- durable goods	Services
					D	SD	ND	S
	ABJR	ABTH	ZAKW	UTIH	UTID	UTIT	UTIL	UTIP
2012	1 029 378	10 555	1 018 823	452 276	95 244	105 836	251 196	566 547
2013	1 049 204	8 522	1 040 684	461 027	99 248	108 595	253 184	579 657
2014	1 076 065	10 297	1 065 768	475 689	107 901	116 506	251 282	590 079
2015	1 108 307	..	..	..	..	..	..	..
Seasonally adjusted								
2012 Q3	257 106	2 568	254 532	113 262	23 898	26 569	62 799	141 267
Q4	259 746	2 577	257 173	115 054	24 753	26 520	63 782	142 110
2013 Q1	260 630	2 099	258 532	113 891	23 501	26 612	63 778	144 641
Q2	260 664	1 968	258 696	114 753	24 803	26 747	63 203	143 943
Q3	262 985	2 232	260 752	115 667	25 525	27 254	62 888	145 085
Q4	264 925	2 223	262 704	116 716	25 419	27 982	63 315	145 988
2014 Q1	266 163	2 754	263 409	116 854	26 329	28 410	62 115	146 555
Q2	268 257	2 262	265 995	118 295	26 545	29 062	62 688	147 700
Q3	269 973	2 399	267 574	119 898	27 245	29 417	63 236	147 676
Q4	271 672	2 882	268 790	120 642	27 782	29 617	63 243	148 148
2015 Q1	273 810	3 351	270 459	121 908	28 364	30 135	63 409	148 551
Q2	276 145	3 676	272 469	122 880	28 646	30 573	63 661	149 589
Q3	278 245	4 062	274 183	124 108	29 188	31 055	63 865	150 075
Q4	280 107	..	..	..	..	..	..	..
Percentage change, year on previous year								
	KGZ5		KG7O	KHD7	KHC3	KHI3	KHF3	KHG7
2012	2.0		1.9	2.7	6.3	2.0	1.6	1.3
2013	1.9		2.1	1.9	4.2	2.6	0.8	2.3
2014	2.6		2.4	3.2	8.7	7.3	-0.8	1.8
2015	3.0		..	..	..	..	..	..
Percentage change, quarter on previous quarter								
	KGZ6		KG7R	KHD8	KHC4	KHI4	KHF4	KHG8
2012 Q3	0.2		0.3	0.9	1.9	1.0	0.5	-0.2
Q4	1.0		1.0	1.6	3.6	-0.2	1.6	0.6
2013 Q1	0.3		0.5	-1.0	-5.1	0.3	-	1.8
Q2	-		0.1	0.8	5.5	0.5	-0.9	-0.5
Q3	0.9		0.8	0.8	2.9	1.9	-0.5	0.8
Q4	0.7		0.7	0.9	-0.4	2.7	0.7	0.6
2014 Q1	0.5		0.3	0.1	3.6	1.5	-1.9	0.4
Q2	0.8		1.0	1.2	0.8	2.3	0.9	0.8
Q3	0.6		0.6	1.4	2.6	1.2	0.9	-
Q4	0.6		0.5	0.6	2.0	0.7	-	0.3
2015 Q1	0.8		0.6	1.0	2.1	1.7	0.3	0.3
Q2	0.9		0.7	0.8	1.0	1.5	0.4	0.7
Q3	0.8		0.6	1.0	1.9	1.6	0.3	0.3
Q4	0.7		..	..	..	..	..	..
Percentage change, quarter on corresponding quarter of previous year								
	KGZ7		KG7U	KHD9	KHC5	KHI5	KHF5	KHG9
2012 Q3	2.1		1.8	2.3	6.4	1.9	0.9	1.4
Q4	2.2		2.1	4.0	7.9	1.4	3.6	0.7
2013 Q1	1.8		2.1	2.0	1.5	0.7	2.7	2.1
Q2	1.6		1.9	2.2	5.8	1.6	1.1	1.7
Q3	2.3		2.4	2.1	6.8	2.6	0.1	2.7
Q4	2.0		2.2	1.4	2.7	5.5	-0.7	2.7
2014 Q1	2.1		1.9	2.6	12.0	6.8	-2.6	1.3
Q2	2.9		2.8	3.1	7.0	8.7	-0.8	2.6
Q3	2.7		2.6	3.7	6.7	7.9	0.6	1.8
Q4	2.5		2.3	3.4	9.3	5.8	-0.1	1.5
2015 Q1	2.9		2.7	4.3	7.7	6.1	2.1	1.4
Q2	2.9		2.4	3.9	7.9	5.2	1.6	1.3
Q3	3.1		2.5	3.5	7.1	5.6	1.0	1.6
Q4	3.1		..	..	..	..	..	..

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 2012, £ million

	Analysis by sector								Analysis by asset					
	Public corporations ²				Private Sector									
	Business investment ¹	General government	Dwellings ³	Costs of transfer of ownership of non-produced assets	Dwellings ³	Costs of transfer of ownership of non-produced assets	NPQT	Total	Transport equipment	Other machinery and equipment	Dwellings ³	Other buildings and structures ⁴	Intellectual Property	Total
	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT	
2012	154 813	46 198	3 135	-427	50 931	13 571	268 221	9 712	57 802	54 181	84 908	61 618	268 221	
2013	158 356	43 845	3 163	-502	53 829	16 392	275 083	8 218	57 463	57 118	88 723	63 561	275 083	
2014	165 849	46 376	3 419	-612	60 115	19 914	295 061	10 668	60 373	63 713	94 337	65 970	295 061	
2015	173 726	..	..	..	..	..	307 319	..	..	..	..	..	307 319	
Seasonally adjusted														
2012 Q3	38 482	11 064	783	-103	12 487	3 331	66 263	2 220	13 920	13 311	21 574	15 245	66 263	
Q4	38 287	11 006	771	-107	12 557	3 433	66 759	2 464	14 440	13 346	20 673	15 821	66 759	
2013 Q1	38 464	11 041	766	-118	12 566	3 690	66 409	1 695	14 650	13 338	20 576	16 150	66 409	
Q2	39 139	10 496	804	-113	13 561	3 802	67 689	1 948	13 898	14 422	21 840	15 581	67 689	
Q3	39 852	11 209	798	-130	13 781	4 238	69 748	2 293	14 238	14 603	22 861	15 753	69 748	
Q4	40 901	11 099	795	-141	13 921	4 662	71 237	2 282	14 677	14 755	23 446	16 077	71 237	
2014 Q1	39 518	12 146	795	-147	14 576	4 762	71 650	2 174	14 082	15 421	23 093	16 880	71 650	
Q2	42 110	10 764	842	-156	14 842	5 140	73 542	2 739	15 765	15 724	23 125	16 189	73 542	
Q3	42 125	11 600	874	-157	15 387	5 058	74 887	3 301	15 496	16 308	23 543	16 239	74 887	
Q4	42 096	11 866	908	-152	15 310	4 954	74 982	2 454	15 030	16 260	24 576	16 662	74 982	
2015 Q1	43 100	12 209	953	-145	15 237	4 650	76 004	4 169	14 770	16 245	23 917	16 903	76 004	
Q2	43 502	11 915	993	-153	15 866	5 063	77 186	4 026	15 152	17 052	24 309	16 647	77 186	
Q3	44 018	11 544	1 027	-162	15 480	5 179	77 086	3 822	15 640	16 561	24 536	16 527	77 086	
Q4	43 106	..	..	..	..	..	77 043	..	..	..	..	..	77 043	
Percentage change, latest year on previous year														
	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N	
2012	5.1	-6.8	-9.7	7.8	-2.9	13.5	1.5	10.6	1.8	-3.1	2.3	3.0	1.5	
2013	2.3	-5.1	0.9	17.6	5.7	20.8	2.6	-15.4	-0.6	5.4	4.5	3.2	2.6	
2014	4.7	5.8	8.1	21.9	11.7	21.5	7.3	29.8	5.1	11.5	6.3	3.8	7.3	
2015	4.7	..	..	..	..	..	4.2	..	..	..	..	..	4.2	
Percentage change, latest quarter on previous quarter														
	KG7P	KH9C	L64U	L64X	L655	L652	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q	
2012 Q3	-1.0	-4.7	-4.0	-5.5	-1.1	-3.5	-0.5	-8.5	-3.1	-1.3	1.6	1.0	-0.5	
Q4	-0.5	-0.5	-1.5	3.9	0.6	3.1	0.7	11.0	3.7	0.3	-4.2	3.8	0.7	
2013 Q1	0.5	0.3	-0.6	10.3	0.1	7.5	-0.5	-31.2	1.5	-0.1	-0.5	2.1	-0.5	
Q2	1.8	-4.9	5.0	-4.2	7.9	3.0	1.9	14.9	-5.1	8.1	6.1	-3.5	1.9	
Q3	1.8	6.8	-0.7	15.0	1.6	11.5	3.0	17.7	2.4	1.3	4.7	1.1	3.0	
Q4	2.6	-1.0	-0.4	8.5	1.0	10.0	2.1	-0.5	3.1	1.0	2.6	2.1	2.1	
2014 Q1	-3.4	9.4	-	4.3	4.7	2.1	0.6	-4.7	-4.1	4.5	-1.5	5.0	0.6	
Q2	6.6	-11.4	5.9	6.1	1.8	7.9	2.6	26.0	12.0	2.0	0.1	-4.1	2.6	
Q3	-	7.8	3.8	0.6	3.7	-1.6	1.8	20.5	-1.7	3.7	1.8	0.3	1.8	
Q4	-0.1	2.3	3.9	-3.2	-0.5	-2.1	0.1	-25.7	-3.0	-0.3	4.4	2.6	0.1	
2015 Q1	2.4	2.9	5.0	-4.6	-0.5	-6.1	1.4	69.9	-1.7	-0.1	-2.7	1.4	1.4	
Q2	0.9	-2.4	4.2	5.5	4.1	8.9	1.6	-3.4	2.6	5.0	1.6	-1.5	1.6	
Q3	1.2	-3.1	3.4	5.9	-2.4	2.3	-0.1	-5.1	3.2	-2.9	0.9	-0.7	-0.1	
Q4	-2.1	..	..	..	..	..	-0.1	..	..	..	..	..	-0.1	
Percentage change, latest quarter on corresponding quarter of previous year														
	KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T	
2012 Q3	4.9	-9.1	-4.5	6.2	-6.0	8.1	0.2	5.8	-4.4	-5.6	5.7	1.8	0.2	
Q4	0.8	-7.7	-4.1	7.0	-3.2	26.8	-0.4	0.9	-2.2	-3.0	-1.8	5.2	-0.4	
2013 Q1	-1.8	-11.8	0.1	9.3	-5.3	10.0	-3.2	-34.8	-2.8	-5.0	-4.0	4.4	-3.2	
Q2	0.7	-9.6	-1.5	3.7	7.5	10.2	1.6	-19.7	-3.3	6.9	2.8	3.3	1.6	
Q3	3.6	1.3	1.9	26.2	10.4	27.2	5.3	3.3	2.3	9.7	6.0	3.3	5.3	
Q4	6.8	0.8	3.1	31.8	10.9	35.8	6.7	-7.4	1.6	10.6	13.4	1.6	6.7	
2014 Q1	2.7	10.0	3.8	24.6	16.0	29.1	7.9	28.3	-3.9	15.6	12.2	4.5	7.9	
Q2	7.6	2.6	4.7	38.1	9.4	35.2	8.6	40.6	13.4	9.0	5.9	3.9	8.6	
Q3	5.7	3.5	9.5	20.8	11.7	19.3	7.4	44.0	8.8	11.7	3.0	3.1	7.4	
Q4	2.9	6.9	14.2	7.8	10.0	6.3	5.3	7.5	2.4	10.2	4.8	3.6	5.3	
2015 Q1	9.1	0.5	19.9	-1.4	4.5	-2.4	6.1	91.8	4.9	5.3	3.6	0.1	6.1	
Q2	3.3	10.7	17.9	-1.9	6.9	-1.5	5.0	47.0	-3.9	8.4	5.1	2.8	5.0	
Q3	4.5	-0.5	17.5	3.2	0.6	2.4	2.9	15.8	0.9	1.6	4.2	1.8	2.9	
Q4	2.4	..	..	..	..	..	2.7	..	..	..	..	..	2.7	

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 2012, £ million

	Mining and quarrying	Manufacturing industries				Elect- ricity, gas and water supply	Distributive trades		Other industries	Changes in inventories
		Materials and fuel	Work in progress	Finished goods	Total		Wholesale ²	Retail ²		
Level of inventories held at end-December³ 2013	536	20 395	17 219	18 995	56 600	36 408	37 064	5 487	67 630	204 229
	FAEA	FBNF	FBNG	FBNH	DHBM	FAEB	FAJX	FBYN	DLWX	CAFU
2012	210	-1 140	635	707	202	-138	1 626	625	-992	1 533
2013	88	900	-3	-528	369	-208	676	1 284	11 423	13 632
2014	2 127	1 741	1 957	3 903	7 601	2 921	-2 849	2 868	3 994	16 662
2015	..	..	..	..	..	..	..	..	..	10 092
Seasonally adjusted										
2012 Q3	-157	-184	166	348	330	-149	1 792	-509	3 088	4 395
Q4	67	718	539	-258	999	306	-338	1 033	4 957	7 024
2013 Q1	98	443	229	-422	250	278	-1 552	1 393	655	1 122
Q2	220	107	270	-72	305	-80	2 560	1 046	-935	3 116
Q3	-160	152	-390	-400	-638	-42	1 912	-112	1 220	2 180
Q4	-70	198	-112	366	452	-364	-2 244	-1 043	10 483	7 214
2014 Q1	268	1 069	1 642	973	3 684	609	1 276	250	-1 161	4 926
Q2	20	81	167	1 016	1 264	693	-1 967	421	1 501	1 932
Q3	420	452	249	901	1 601	355	-792	790	2 454	4 828
Q4	1 419	139	-101	1 013	1 052	1 264	-1 366	1 407	1 200	4 976
2015 Q1	2 237	82	183	1 536	1 801	-183	914	482	1 166	6 417
Q2	-946	748	-321	-1 004	-577	-31	-1 412	1 272	81	-1 613
Q3	2 799	-354	478	-495	-371	-319	-210	-437	249	1 711
Q4	..	..	..	..	..	..	..	..	..	3 577

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 Note that levels are not expected to sum to totals, because they are constructed from the sum of the change series, and these are not additive prior to the reference year (2012)

H1 Exports and imports of goods and services

Current market prices

£ million

	Exports			Imports			Balance		
	Goods	Services	Total	Goods	Services	Total	Goods	Services	Total
	BOKG	IKBB	IKBH	BOKH	IKBC	IKBI	BOKI	IKBD	IKBJ
2012	304 302	197 432	501 734	410 800	124 817	535 617	-106 498	72 615	-33 883
2013	306 226	214 813	521 039	421 457	133 815	555 272	-115 231	80 998	-34 233
2014	293 739	219 689	513 428	416 882	130 948	547 830	-123 143	88 741	-34 402
2015	285 642	225 571	511 213	410 670	136 851	547 521	-125 028	88 720	-36 308
Seasonally adjusted									
2012 Q3	76 563	49 815	126 378	102 257	31 114	133 371	-25 694	18 701	-6 993
Q4	74 315	49 045	123 360	102 053	31 846	133 899	-27 738	17 199	-10 539
2013 Q1	75 719	52 897	128 616	103 484	32 540	136 024	-27 765	20 357	-7 408
Q2	78 646	54 120	132 766	106 382	33 426	139 808	-27 736	20 694	-7 042
Q3	77 667	54 769	132 436	105 311	34 105	139 416	-27 644	20 664	-6 980
Q4	74 194	53 027	127 221	106 280	33 744	140 024	-32 086	19 283	-12 803
2014 Q1	73 191	53 815	127 006	102 332	33 949	136 281	-29 141	19 866	-9 275
Q2	73 756	54 950	128 706	102 934	32 104	135 038	-29 178	22 846	-6 332
Q3	72 402	54 973	127 375	104 209	32 642	136 851	-31 807	22 331	-9 476
Q4	74 390	55 951	130 341	107 407	32 253	139 660	-33 017	23 698	-9 319
2015 Q1	71 189	56 499	127 688	104 973	33 612	138 585	-33 784	22 887	-10 897
Q2	74 445	56 009	130 454	101 124	33 947	135 071	-26 679	22 062	-4 617
Q3	70 237	57 177	127 414	102 074	34 256	136 330	-31 837	22 921	-8 916
Q4	69 771	55 886	125 657	102 499	35 036	137 535	-32 728	20 850	-11 878
Percentage change, latest year on previous year									
	KG9K	KH35	KH2L	KG9L	KH3W	KH3E			
2012	-1.3	4.5	0.9	2.3	2.7	2.4			
2013	0.6	8.8	3.8	2.6	7.2	3.7			
2014	-4.1	2.3	-1.5	-1.1	-2.1	-1.3			
2015	-2.8	2.7	-0.4	-1.5	4.5	-0.1			
Percentage change, latest quarter on previous quarter									
	KG9O	KH36	KH2P	KG9P	KH3X	KH3I			
2012 Q3	2.4	0.4	1.6	-0.6	0.2	-0.4			
Q4	-2.9	-1.5	-2.4	-0.2	2.4	0.4			
2013 Q1	1.9	7.9	4.3	1.4	2.2	1.6			
Q2	3.9	2.3	3.2	2.8	2.7	2.8			
Q3	-1.2	1.2	-0.2	-1.0	2.0	-0.3			
Q4	-4.5	-3.2	-3.9	0.9	-1.1	0.4			
2014 Q1	-1.4	1.5	-0.2	-3.7	0.6	-2.7			
Q2	0.8	2.1	1.3	0.6	-5.4	-0.9			
Q3	-1.8	-	-1.0	1.2	1.7	1.3			
Q4	2.7	1.8	2.3	3.1	-1.2	2.1			
2015 Q1	-4.3	1.0	-2.0	-2.3	4.2	-0.8			
Q2	4.6	-0.9	2.2	-3.7	1.0	-2.5			
Q3	-5.7	2.1	-2.3	0.9	0.9	0.9			
Q4	-0.7	-2.3	-1.4	0.4	2.3	0.9			
Percentage change, latest quarter on corresponding quarter of previous year									
	KG9S	KH37	KH2Q	KG9T	KH3Y	KH3J			
2012 Q3	1.1	3.6	2.1	-0.7	2.0	-0.1			
Q4	-5.4	5.3	-1.4	-0.4	2.0	0.1			
2013 Q1	-3.7	8.1	0.8	-0.1	5.7	1.2			
Q2	5.2	9.1	6.7	3.4	7.6	4.4			
Q3	1.4	9.9	4.8	3.0	9.6	4.5			
Q4	-0.2	8.1	3.1	4.1	6.0	4.6			
2014 Q1	-3.3	1.7	-1.3	-1.1	4.3	0.2			
Q2	-6.2	1.5	-3.1	-3.2	-4.0	-3.4			
Q3	-6.8	0.4	-3.8	-1.0	-4.3	-1.8			
Q4	0.3	5.5	2.5	1.1	-4.4	-0.3			
2015 Q1	-2.7	5.0	0.5	2.6	-1.0	1.7			
Q2	0.9	1.9	1.4	-1.8	5.7	-			
Q3	-3.0	4.0	-	-2.0	4.9	-0.4			
Q4	-6.2	-0.1	-3.6	-4.6	8.6	-1.5			

H2 Exports and imports of goods and services

Chained volume measures

Reference year 2012, £ million

	Exports			Imports			Balance
	Goods	Services	Total	Goods	Services	Total	Total
	BQKQ	IKBE	IKBK	BQKO	IKBF	IKBL	IKBM
2012	304 302	197 432	501 734	410 800	124 817	535 617	-33 883
2013	302 498	205 300	507 798	420 569	129 870	550 439	-42 641
2014	302 611	211 141	513 752	434 918	128 686	563 604	-49 852
2015	322 739	216 907	539 646	461 293	137 328	598 621	-58 975
Seasonally adjusted							
2012 Q3	77 335	49 764	127 108	102 984	31 362	134 344	-7 236
Q4	74 249	48 706	122 958	102 689	31 849	134 535	-11 577
2013 Q1	74 301	51 010	125 311	102 221	31 385	133 606	-8 295
Q2	77 931	51 472	129 403	105 769	32 258	138 027	-8 624
Q3	76 155	52 225	128 380	105 187	32 999	138 186	-9 806
Q4	74 111	50 593	124 704	107 392	33 228	140 620	-15 916
2014 Q1	74 096	51 758	125 854	105 731	33 294	139 025	-13 171
Q2	74 954	52 402	127 356	106 933	31 394	138 327	-10 971
Q3	74 851	53 017	127 868	109 027	32 098	141 125	-13 257
Q4	78 710	53 964	132 674	113 227	31 900	145 127	-12 453
2015 Q1	78 372	53 963	132 335	116 302	33 621	149 923	-17 588
Q2	82 769	53 491	136 260	111 895	34 444	146 339	-10 079
Q3	80 658	54 957	135 615	115 840	34 471	150 311	-14 696
Q4	80 940	54 496	135 436	117 256	34 792	152 048	-16 612
Percentage change, latest year on previous year							
	KG9X	KH3B	KH2R	KG9W	KH44	KH3K	
2012	-0.8	3.3	0.7	2.4	4.6	2.9	
2013	-0.6	4.0	1.2	2.4	4.0	2.8	
2014	-	2.8	1.2	3.4	-0.9	2.4	
2015	6.7	2.7	5.0	6.1	6.7	6.2	
Percentage change, latest quarter on previous quarter							
	KGA2	KH3C	KH2V	KG9Z	KH45	KH3O	
2012 Q3	3.2	0.9	2.3	0.1	0.4	0.2	
Q4	-4.0	-2.1	-3.3	-0.3	1.6	0.1	
2013 Q1	0.1	4.7	1.9	-0.5	-1.5	-0.7	
Q2	4.9	0.9	3.3	3.5	2.8	3.3	
Q3	-2.3	1.5	-0.8	-0.6	2.3	0.1	
Q4	-2.7	-3.1	-2.9	2.1	0.7	1.8	
2014 Q1	-	2.3	0.9	-1.5	0.2	-1.1	
Q2	1.2	1.2	1.2	1.1	-5.7	-0.5	
Q3	-0.1	1.2	0.4	2.0	2.2	2.0	
Q4	5.2	1.8	3.8	3.9	-0.6	2.8	
2015 Q1	-0.4	-	-0.3	2.7	5.4	3.3	
Q2	5.6	-0.9	3.0	-3.8	2.4	-2.4	
Q3	-2.6	2.7	-0.5	3.5	0.1	2.7	
Q4	0.3	-0.8	-0.1	1.2	0.9	1.2	
Percentage change, latest quarter on corresponding quarter of previous year							
	KGA5	KH3D	KH2W	KGA4	KH46	KH3P	
2012 Q3	3.9	2.6	3.4	1.9	5.5	2.8	
Q4	-4.4	5.0	-0.9	1.4	3.8	1.9	
2013 Q1	-4.4	2.8	-1.6	-	3.3	0.8	
Q2	4.0	4.4	4.1	2.8	3.3	2.9	
Q3	-1.5	4.9	1.0	2.1	5.2	2.9	
Q4	-0.2	3.9	1.4	4.6	4.3	4.5	
2014 Q1	-0.3	1.5	0.4	3.4	6.1	4.1	
Q2	-3.8	1.8	-1.6	1.1	-2.7	0.2	
Q3	-1.7	1.5	-0.4	3.7	-2.7	2.1	
Q4	6.2	6.7	6.4	5.4	-4.0	3.2	
2015 Q1	5.8	4.3	5.1	10.0	1.0	7.8	
Q2	10.4	2.1	7.0	4.6	9.7	5.8	
Q3	7.8	3.7	6.1	6.2	7.4	6.5	
Q4	2.8	1.0	2.1	3.6	9.1	4.8	

Gross value added at basic prices: individual measures

	£ million				Index numbers (2012 = 100)				
	Expenditure-based estimate at chained volume measures	At current prices			Value indices at current prices		Chained volume indices		
		Expenditure-based estimate	Income-based estimate	Residual error ¹	Expenditure-based estimate	Income-based estimate	Expenditure-based estimate	Income-based estimate ²	Output-based estimate
	CAGR	CAGQ	CAGS	DJDS	IHYA	IHYB	IHYC	IHYD	YBFR
2012	1 485 776	1 485 776	1 485 776	–	100.0	100.0	100.0	100.0	100.0
2013	1 518 468	1 546 914	1 546 914	–	104.1	104.1	102.2	102.2	102.2
2014	1 559 580	1 618 943	1 610 239	8 704	109.0	108.4	105.0	104.4	105.6
2015	1 596 147	1 661 576	1 650 905	10 671	111.8	111.1	107.4	106.7	108.1
Seasonally adjusted									
2012 Q3	373 174	374 765	374 765	–	100.9	100.9	100.5	100.5	100.5
Q4	371 955	375 260	375 260	–	101.0	101.0	100.1	100.1	100.1
2013 Q1	374 945	380 203	380 203	–	102.4	102.4	100.9	100.9	100.9
Q2	378 436	383 708	383 708	–	103.3	103.3	101.9	101.9	101.9
Q3	381 419	390 408	390 408	–	105.1	105.1	102.7	102.7	102.7
Q4	383 668	392 595	392 595	–	105.7	105.7	103.3	103.3	103.3
2014 Q1	385 658	397 599	396 489	1 110	107.0	106.7	103.8	103.5	104.2
Q2	388 677	403 768	401 925	1 843	108.7	108.2	104.6	104.2	105.2
Q3	391 274	409 283	406 696	2 587	110.2	109.5	105.3	104.7	106.0
Q4	393 971	408 293	405 129	3 164	109.9	109.1	106.1	105.2	106.8
2015 Q1	396 077	412 962	409 712	3 250	111.2	110.3	106.6	105.8	107.3
Q2	398 505	415 840	412 707	3 133	112.0	111.1	107.3	106.5	107.9
Q3	400 017	417 126	414 546	2 580	112.3	111.6	107.7	107.0	108.3
Q4	401 548	415 648	413 940	1 708	111.9	111.4	108.1	107.7	108.8
Percentage change, latest year on previous year									
	KH4D	KH47	KH68		KH47	KH68	KH4D	KH6E	GDPQ
2012	1.0	2.9	2.9		2.9	2.9	1.0	1.0	1.0
2013	2.2	4.1	4.1		4.1	4.1	2.2	2.2	2.2
2014	2.7	4.7	4.1		4.7	4.1	2.7	2.2	3.3
2015	2.3	2.6	2.5		2.6	2.5	2.3	2.2	2.3
Percentage change, latest quarter on previous quarter									
	KH4F	KH49	KH6A		KH49	KH6A	KH4F	KH6G	
2012 Q3	0.8	2.0	2.0		2.0	2.0	0.8	0.8	0.8
Q4	–0.3	0.1	0.1		0.1	0.1	–0.3	–0.3	–0.3
2013 Q1	0.8	1.3	1.3		1.3	1.3	0.8	0.8	0.8
Q2	0.9	0.9	0.9		0.9	0.9	0.9	0.9	0.9
Q3	0.8	1.7	1.7		1.7	1.7	0.8	0.8	0.8
Q4	0.6	0.6	0.6		0.6	0.6	0.6	0.6	0.6
2014 Q1	0.5	1.3	1.0		1.3	1.0	0.5	0.2	0.9
Q2	0.8	1.6	1.4		1.6	1.4	0.8	0.6	1.0
Q3	0.7	1.4	1.2		1.4	1.2	0.7	0.5	0.8
Q4	0.7	–0.2	–0.4		–0.2	–0.4	0.7	0.5	0.7
2015 Q1	0.5	1.1	1.1		1.1	1.1	0.5	0.5	0.4
Q2	0.6	0.7	0.7		0.7	0.7	0.6	0.6	0.6
Q3	0.4	0.3	0.4		0.3	0.4	0.4	0.5	0.4
Q4	0.4	–0.4	–0.1		–0.4	–0.1	0.4	0.6	0.5
Percentage change, latest quarter on corresponding quarter of previous year									
	KH4H	KH4B	KH6C		KH4B	KH6C	KH4H	KH6I	GDPB
2012 Q3	1.1	3.9	3.9		3.9	3.9	1.1	1.1	1.1
Q4	0.6	2.9	2.9		2.9	2.9	0.6	0.6	0.6
2013 Q1	1.2	3.3	3.3		3.3	3.3	1.2	1.2	1.2
Q2	2.2	4.4	4.4		4.4	4.4	2.2	2.2	2.2
Q3	2.2	4.2	4.2		4.2	4.2	2.2	2.2	2.2
Q4	3.1	4.6	4.6		4.6	4.6	3.1	3.1	3.1
2014 Q1	2.9	4.6	4.3		4.6	4.3	2.9	2.6	3.3
Q2	2.7	5.2	4.7		5.2	4.7	2.7	2.2	3.3
Q3	2.6	4.8	4.2		4.8	4.2	2.6	1.9	3.3
Q4	2.7	4.0	3.2		4.0	3.2	2.7	1.9	3.4
2015 Q1	2.7	3.9	3.3		3.9	3.3	2.7	2.2	2.9
Q2	2.5	3.0	2.7		3.0	2.7	2.5	2.2	2.5
Q3	2.2	1.9	1.9		1.9	1.9	2.2	2.2	2.1
Q4	1.9	1.8	2.2		1.8	2.2	1.9	2.3	1.8

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

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

M Alignment adjustments

£ million

	Changes in inventories		Gross operating surplus of non-financial corporations at current prices
	At current prices	Chained volume measures (Reference year 2012)	
Seasonally adjusted			
	DMUN	DMUM	DMUQ
2012 Q3	1 046	1 041	1 286
Q4	-1 565	-1 552	-1 223
2013 Q1	418	418	-1 272
Q2	-2 078	-2 039	-2 021
Q3	1 315	1 286	1 513
Q4	345	335	1 780
2014 Q1	-1 424	-1 375	52
Q2	-1 860	-1 785	789
Q3	2 108	2 023	1 212
Q4	1 176	1 137	-2 053
2015 Q1	-94	-91	-132
Q2	-727	-699	300
Q3	-610	-587	887
Q4	1 431	1 377	-1 055

N Selected financial year variables ¹

£ millions except deflator index which is 2014/2015 = 100

	Current prices				Chained Volume Measures (reference year 2012)				
	Gross domestic product at market prices	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 ^{2 3}
	YBHA	ABML	NMRP	RPZG	ABMI	ABMM	NMRY	DLWF	L8GG
2011/12	1 628 854	1 451 330	341 315	47 217	1 652 042	1 476 099	341 400	48 102	94.7340
2012/13	1 677 910	1 497 801	343 776	44 751	1 671 157	1 490 258	345 109	44 725	96.4698
2013/14	1 755 936	1 564 459	351 993	47 887	1 713 061	1 529 325	350 026	44 950	98.4854
2014/15	1 832 584	1 634 156	358 882	48 298	1 760 838	1 569 854	357 240	46 439	100.0000
Seasonally adjusted									
2012 Q3	419 285	374 765	86 284	10 571	418 255	373 174	86 423	11 064	96.3215
Q4	421 427	375 260	86 667	11 275	418 024	371 955	86 667	11 006	96.8671
2013 Q1	425 516	380 203	85 282	10 951	420 779	374 945	86 075	11 041	97.1666
Q2	430 110	383 708	87 273	10 996	423 282	378 436	86 786	10 496	97.6348
Q3	438 163	390 408	87 225	10 935	427 197	381 419	87 283	11 209	98.5513
Q4	441 160	392 595	88 264	12 143	429 922	383 668	87 484	11 099	98.5965
2014 Q1	446 503	397 748	89 231	13 813	432 660	385 802	88 473	12 146	99.1591
Q2	453 326	403 916	88 993	11 586	436 128	388 819	89 182	10 764	99.8738
Q3	458 342	409 327	90 847	11 783	438 985	391 316	89 420	11 600	100.3217
Q4	459 063	408 213	89 452	11 589	441 939	393 894	89 116	11 866	99.8079
2015 Q1	461 853	412 700	89 590	13 340	443 786	395 825	89 522	12 209	99.9966
Q2	466 214	415 552	91 197	12 949	446 446	398 229	90 417	11 915	100.3394
Q3	467 921	417 039	91 147	12 091	448 329	399 934	90 917	11 544	100.2838
Q4	468 007	415 953	90 396	12 315	450 485	401 842	91 353	..	99.8222
Percentage change, latest financial year on previous financial year									
2011/12	3.4	2.7	0.4	-5.8	1.8	1.6	0.4	-7.9	1.6
2012/13	3.0	3.2	0.7	-5.2	1.2	1.0	1.1	-7.0	1.8
2013/14	4.7	4.5	2.4	7.0	2.5	2.6	1.4	0.5	2.1
2014/15	4.4	4.5	2.0	0.9	2.8	2.7	2.1	3.3	1.5
Percentage change, latest quarter on previous quarter									
	IHYN	KGL8	KH2D	KH7P	IHYQ	KGM9	KH2J	KH9C	L8GH
2012 Q3	1.8	2.0	0.9	-11.6	1.0	0.8	0.6	-4.7	0.8
Q4	0.5	0.1	0.4	6.7	-0.1	-0.3	0.3	-0.5	0.6
2013 Q1	1.0	1.3	-1.6	-2.9	0.7	0.8	-0.7	0.3	0.3
Q2	1.1	0.9	2.3	0.4	0.6	0.9	0.8	-4.9	0.5
Q3	1.9	1.7	-0.1	-0.6	0.9	0.8	0.6	6.8	0.9
Q4	0.7	0.6	1.2	11.0	0.6	0.6	0.2	-1.0	-
2014 Q1	1.2	1.3	1.1	13.8	0.6	0.6	1.1	9.4	0.6
Q2	1.5	1.6	-0.3	-16.1	0.8	0.8	0.8	-11.4	0.7
Q3	1.1	1.3	2.1	1.7	0.7	0.6	0.3	7.8	0.4
Q4	0.2	-0.3	-1.5	-1.6	0.7	0.7	-0.3	2.3	-0.5
2015 Q1	0.6	1.1	0.2	15.1	0.4	0.5	0.5	2.9	0.2
Q2	0.9	0.7	1.8	-2.9	0.6	0.6	1.0	-2.4	0.3
Q3	0.4	0.4	-0.1	-6.6	0.4	0.4	0.6	-3.1	-0.1
Q4	-	-0.3	-0.8	1.9	0.5	0.5	0.5	..	-0.5
Percentage change, latest quarter on corresponding quarter of previous year									
	IHYO	KGM2	KH2E	KH7R	IHYR	KGN3	KH2K	KH9M	L8GI
2012 Q3	3.4	3.9	1.7	-9.9	1.2	1.1	1.9	-9.1	2.1
Q4	3.0	2.9	2.2	-3.7	1.0	0.6	2.1	-7.7	2.0
2013 Q1	3.1	3.3	-2.5	-11.7	1.4	1.2	-1.0	-11.8	1.6
Q2	4.5	4.4	2.0	-8.0	2.2	2.2	1.0	-9.6	2.2
Q3	4.5	4.2	1.1	3.4	2.1	2.2	1.0	1.3	2.3
Q4	4.7	4.6	1.8	7.7	2.8	3.1	0.9	0.8	1.8
2014 Q1	4.9	4.6	4.6	26.1	2.8	2.9	2.8	10.0	2.1
Q2	5.4	5.3	2.0	5.4	3.0	2.7	2.8	2.6	2.3
Q3	4.6	4.8	4.2	7.8	2.8	2.6	2.4	3.5	1.8
Q4	4.1	4.0	1.3	-4.6	2.8	2.7	1.9	6.9	1.2
2015 Q1	3.4	3.8	0.4	-3.4	2.6	2.6	1.2	0.5	0.8
Q2	2.8	2.9	2.5	11.8	2.4	2.4	1.4	10.7	0.5
Q3	2.1	1.9	0.3	2.6	2.1	2.2	1.7	-0.5	-
Q4	1.9	1.9	1.1	6.3	1.9	2.0	2.5	..	-

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

2 Implied deflator is expressed in terms of 2014/2015 = 100 for presentational purposes, whereas in table A1 it is expressed as 2012 = 100.

3 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

2014 = 100

	Implied deflators ²		
	Gross domestic expenditure	Gross domestic product at market prices ³	Gross value added at basic prices
	MNE2	MNF2	MNX5
2012	97.1885	96.2842	96.3334
2013	98.5992	98.1929	98.1364
2014	100.0000	100.0000	100.0000
2015	99.9415	100.3205	100.2853
Seasonally adjusted			
2012 Q3	97.3681	96.5236	96.7459
Q4	97.7173	97.0703	97.1911
2013 Q1	98.0627	97.3704	97.6861
Q2	98.3711	97.8397	97.6772
Q3	99.0010	98.7581	98.6055
Q4	98.9618	98.8034	98.5766
2014 Q1	99.3587	99.3671	99.3181
Q2	99.9203	100.0834	100.0756
Q3	100.5379	100.5322	100.7691
Q4	100.1831	100.0173	99.8372
2015 Q1	99.5878	100.2064	100.4421
Q2	100.2370	100.5499	100.5257
Q3	100.0901	100.4942	100.4554
Q4	99.8509	100.0316	99.7180
Percentage change, latest year on previous year			
	MNE3	MNF3	MNX6
2012	1.4	1.6	1.9
2013	1.5	2.0	1.9
2014	1.4	1.8	1.9
2015	-0.1	0.3	0.3
Percentage change, latest quarter on previous quarter			
	MNE4	MNF4	MNX7
2012 Q3	0.8	0.8	1.1
Q4	0.4	0.6	0.5
2013 Q1	0.4	0.3	0.5
Q2	0.3	0.5	—
Q3	0.6	0.9	1.0
Q4	—	—	—
2014 Q1	0.4	0.6	0.8
Q2	0.6	0.7	0.8
Q3	0.6	0.4	0.7
Q4	-0.4	-0.5	-0.9
2015 Q1	-0.6	0.2	0.6
Q2	0.7	0.3	0.1
Q3	-0.1	-0.1	-0.1
Q4	-0.2	-0.5	-0.7
Percentage change, latest quarter on corresponding quarter of previous year			
	MNE5	MNF5	MNX8
2012 Q3	1.5	2.1	2.8
Q4	1.5	2.0	2.3
2013 Q1	1.0	1.6	2.0
Q2	1.9	2.2	2.1
Q3	1.7	2.3	1.9
Q4	1.3	1.8	1.4
2014 Q1	1.3	2.1	1.7
Q2	1.6	2.3	2.5
Q3	1.6	1.8	2.2
Q4	1.2	1.2	1.3
2015 Q1	0.2	0.8	1.1
Q2	0.3	0.5	0.4
Q3	-0.4	—	-0.3
Q4	-0.3	—	-0.1

1 Implied deflator is expressed in terms of 2014 = 100, whereas in table A1 it is expressed as 2012 = 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 2012)	
		Gross domestic product at market prices ³	Gross domestic product per head	Gross domestic product at market prices ³	Gross domestic product per head
	EBAQ	YBHA	IHXT	ABMI	IHXW
2012	63 705	1 665 213	26 139	1 665 213	26 139
2013	64 106	1 734 949	27 064	1 701 180	26 537
2014	64 597	1 817 234	28 132	1 749 712	27 087
2015	65 097	1 863 995	28 634	1 789 046	27 483
Seasonally adjusted					
2012 Q3	63 805	419 285	6 571	418 255	6 555
Q4	63 905	421 427	6 595	418 024	6 541
2013 Q1	64 005	425 516	6 648	420 779	6 574
Q2	64 106	430 110	6 709	423 282	6 603
Q3	64 228	438 163	6 822	427 197	6 651
Q4	64 351	441 160	6 856	429 922	6 681
2014 Q1	64 474	446 503	6 925	432 660	6 711
Q2	64 597	453 326	7 018	436 128	6 752
Q3	64 722	458 342	7 082	438 985	6 783
Q4	64 847	459 063	7 079	441 939	6 815
2015 Q1	64 972	461 853	7 108	443 786	6 830
Q2	65 097	466 214	7 162	446 446	6 858
Q3	65 216	467 921	7 175	448 329	6 875
Q4	65 335	468 007	7 163	450 485	6 895
Percentage change, latest year on previous year					
		IHYM	N3Y3	IHYP	N3Y6
2012		2.8	2.1	1.2	0.5
2013		4.2	3.5	2.2	1.5
2014		4.7	3.9	2.9	2.1
2015		2.6	1.8	2.2	1.5
Percentage change, latest quarter on previous quarter					
		IHYN	N3Y4	IHYQ	N3Y7
2012 Q3		1.8	1.7	1.0	0.8
Q4		0.5	0.4	-0.1	-0.2
2013 Q1		1.0	0.8	0.7	0.5
Q2		1.1	0.9	0.6	0.4
Q3		1.9	1.7	0.9	0.7
Q4		0.7	0.5	0.6	0.5
2014 Q1		1.2	1.0	0.6	0.4
Q2		1.5	1.3	0.8	0.6
Q3		1.1	0.9	0.7	0.5
Q4		0.2	-	0.7	0.5
2015 Q1		0.6	0.4	0.4	0.2
Q2		0.9	0.8	0.6	0.4
Q3		0.4	0.2	0.4	0.2
Q4		-	-0.2	0.5	0.3
Percentage change, latest quarter on corresponding quarter of previous year					
		IHYO	N3Y5	IHYR	N3Y8
2012 Q3		3.4	2.7	1.2	0.5
Q4		3.0	2.4	1.0	0.3
2013 Q1		3.1	2.4	1.4	0.8
Q2		4.5	3.8	2.2	1.6
Q3		4.5	3.8	2.1	1.5
Q4		4.7	4.0	2.8	2.1
2014 Q1		4.9	4.2	2.8	2.1
Q2		5.4	4.6	3.0	2.3
Q3		4.6	3.8	2.8	2.0
Q4		4.1	3.3	2.8	2.0
2015 Q1		3.4	2.6	2.6	1.8
Q2		2.8	2.1	2.4	1.6
Q3		2.1	1.3	2.1	1.4
Q4		1.9	1.2	1.9	1.2

1 This data uses the latest population estimates with the exception of the latest year where populations projections are used. The quarterly data in this table does not sum to annuals (excluding GDP at market prices)

2 This data uses the UK resident population mid-year estimates published 25 June 2015

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

Revisions Analysis¹

Revisions since previously published estimates

£ million

		2012	2013	2014	2015
Latest less previously published levels of GDP					
at current market prices					
National accounts aggregates					
at current prices (Table A2)					
Gross domestic product at market prices	KB7D	—	—	—	..
less Basic price adjustment	KB7E	—	—	—	..
Gross value added at basic prices	KB7F	—	—	—	..
Gross domestic product:					
expenditure at current prices (Table C1)					
Domestic expenditure on goods and services					
at market prices					
Households	KB7K	—	—	—	..
Non-profit institutions serving households	KB7L	—	—	—	..
General government	KB7M	—	—	—	..
Gross fixed capital formation	KB7N	—	—	—	..
Changes in inventories	KB7O	—	—	—	..
Acquisitions less disposals of valuables	KB7P	—	—	—	..
Total	KB7Q	—	—	—	..
Total exports	KB7R	—	—	—	..
Total imports	KB7S	—	—	—	..
Statistical discrepancy (expenditure)	KB7T	—	—	—	..
Gross domestic product:					
income at current prices (Table D)					
Compensation of employees	KB7U	—	—	—	..
Gross operating surplus of corporations	KB7V	—	—	—	..
Other income	KB7W	—	—	—	..
Gross value added at factor cost	KB7X	—	—	—	..
Taxes on products & production less Subsidies	KB7Y	—	—	—	..
Statistical discrepancy (income)	KB7Z	—	—	—	..

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

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

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

Revisions Analysis¹

Revisions since previously published estimates

continued

£ million

		2012 Q3	2012 Q4	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Latest less previously published levels of GDP															
at current market prices															
National accounts aggregates															
at current prices (Table A2)															
Gross domestic product at market prices	KB7D	—	—	—	—	—	—	—	—	—	—	660	1 562	—151	..
less Basic price adjustment	KB7E	—	—	—	—	—	—	—	—	—	—	1	—37	138	..
Gross value added at basic prices	KB7F	—	—	—	—	—	—	—	—	—	—	659	1 599	—289	..
Gross domestic product:															
expenditure at current prices (Table C1)															
Domestic expenditure on goods and services															
at market prices															
Households	KB7K	—	—	—	—	—	—	—	—	—	—	641	480	—383	..
Non-profit institutions serving households	KB7L	—	—	—	—	—	—	—	—	—	—	112	113	110	..
General government	KB7M	—	—	—	—	—	—	—	—	—	—	—12	654	—284	..
Gross fixed capital formation	KB7N	—	—	—	—	—	—	—	—	—	—	474	888	—325	..
Changes in inventories	KB7O	—	—	—	—	—	—	—	—	—	—	—1 260	—709	1 289	..
Acquisitions less disposals of valuables	KB7P	—	—	—	—	—	—	—	—	—	—	1 061	377	1	..
Total	KB7Q	—	—	—	—	—	—	—	—	—	—	1 018	1 803	408	..
Total exports	KB7R	—	—	—	—	—	—	—	—	—	—	—193	—96	—317	..
Total imports	KB7S	—	—	—	—	—	—	—	—	—	—	—2	—182	—115	..
Statistical discrepancy (expenditure)	KB7T	—	—	—	—	—	—	—	—	—	—	—167	—327	—357	..
Gross domestic product:															
income at current prices (Table D)															
Compensation of employees	KB7U	—	—	—	—	—	—	—	—	—	—	—141	—322	—215	..
Gross operating surplus of corporations	KB7V	—	—	—	—	—	—	—	—	—	—	1 316	2 428	504	..
Other income	KB7W	—	—	—	—	—	—	—	—	—	—	—167	—69	—256	..
Gross value added at factor cost	KB7X	—	—	—	—	—	—	—	—	—	—	1 008	2 037	33	..
Taxes on products & production less Subsidies	KB7Y	—	—	—	—	—	—	—	—	—	—	—6	—39	140	..
Statistical discrepancy (income)	KB7Z	—	—	—	—	—	—	—	—	—	—	—342	—436	—324	..

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

		2012 Q3	2012 Q4	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Latest less previously published growth rates															
for GDP in chained volume terms															
Percentage changes in volume of GDP (Table A2)															
Gross domestic product chained volume measures															
Quarter on quarter growth	KB82	—	—	—	—	—	—	—	—	—	—	—	0.1	—	—
Quarter on same quarter a year earlier	KB94	—	—	—	—	—	—	—	—	—	—	0.1	0.1	—	—
Percentage changes in volume															
of GVA output components (Table B1)															
GVA at basic prices quarter on quarter growth															
Agriculture, forestry and fishing	KB83	—	—	—	—	—	—	—	—	—	—	—0.2	0.3	—	—0.2
Mining and quarrying inc oil & gas extraction	KB84	—	—	—	—	—	—	—	—	—	—	0.2	—	—0.4	—0.9
Manufacturing	KB85	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Electricity, gas, steam and air	KB86	—	—	—	—	—	—	—	—	—	—	—0.9	—0.2	—0.1	—2.2
Water supply, sewerage	KNT7	—	—	—	—	—	—	—	—	—	—	—	—0.1	—0.2	—
Total Production	KB87	—	—	—	—	—	—	—	—	—	—	—	—	—0.1	—0.3
Construction	KB88	—	—	—	—	—	—	—	—	—	—	—	0.2	0.2	—0.3
Distribution, hotels and restaurants	KB89	—	—	—	—	—	—	—	—	—	—	—	0.1	—	0.3
Transport storage and communications	KB8A	—	—	—	—	—	—	—	—	—	—	—	—0.1	—0.1	0.6
Business services and finance	KB8B	—	—	—	—	—	—	—	—	—	—	—0.1	—	—	—0.2
Government and other services	KB8C	—	—	—	—	—	—	—	—	—	—	0.1	—	0.1	—0.1
Total services	KB8D	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total GVA	KB8E	—	—	—	—	—	—	—	—	—	—	0.1	0.1	—0.1	—
Total GVA excluding Oil	KB8F	—	—	—	—	—	—	—	—	—	—	—	—	—0.1	—
Percentage changes in volume of GDP															
expenditure components (Table C2)															
Domestic expenditure on goods and services															
at market prices quarter on quarter growth															
Households	KB8G	—	—	—	—	—	—	—	—	—	—	0.1	0.1	—0.1	..
Non-profit institutions serving households	KB8H	—	—	—	—	—	—	—	—	—	—	0.8	—0.3	0.2	..
General government	KB8I	—	—	—	—	—	—	—	—	—	—	—	—	—	..
Gross fixed capital formation	KB8J	—	—	—	—	—	—	—	—	—	—	0.5	—	—0.8	..
Total	KB8K	—	—	—	—	—	—	—	—	—	—	0.3	—	—	..
Total exports	KB8L	—	—	—	—	—	—	—	—	—	—	—0.3	0.2	—0.2	..
Total imports	KB8M	—	—	—	—	—	—	—	—	—	—	0.3	—0.2	—	..

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