

Statistical bulletin

GDP first quarterly estimate, UK: October to December 2018

First quarterly estimate of gross domestic product (GDP), containing current and constant price data on the value of goods and services to indicate the economic performance of the UK.



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29 March 2019

Notice

11 February 2019

9 November 2018

During the final quality assurance of the Blue Book 2018 consistent Quarterly National Accounts dataset an error was discovered in the General Government Final Consumption Expenditure (GGFCE) chained volume measure (CVM). The error affects 2005 data, increasing annual GGFCE growth by around 1.7 percentage points from 2.3% to 4.0%. GGFCE in current prices is unaffected.

There is no impact on headline GDP growth or the GDP implied deflator, as the impact during 2005 would be offset by revisions to the expenditure alignment adjustment.

The GGFCE CVM series will be corrected and there will be a review of the alignment adjustment in the Blue Book 2019 consistent Quarterly National Accounts dataset.

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1 . Main points

- UK gross domestic product (GDP) in volume terms was estimated to have increased by 0.2% between Quarter 3 (July to Sept) 2018 and Quarter 4 (Oct to Dec) 2018; the quarterly path of GDP through 2018 remains unrevised.
- In the output approach to measuring GDP, growth in the latest quarter was driven by professional, scientific, administration and support services within the services sector, while production and construction both contributed negatively to GDP growth.
- In the expenditure approach to measuring GDP, private consumption and government consumption contributed positively, while gross capital formation and net trade contributed negatively to GDP growth.
- Business investment decreased by 1.4% in Quarter 4 2018, the fourth consecutive quarter in which there has been a decrease in growth.
- GDP growth was estimated to have slowed to 1.4% between 2017 and 2018, the weakest it has been since 2009.

2 . Things you need to know about this release

Gross domestic product (GDP) growth is the main indicator of economic performance. There are three approaches used to measure GDP; the output approach, the expenditure approach and the income approach. Further information on all three approaches to measuring GDP can be found in the [short guide to national accounts \(PDF, 317KB\)](#).

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

What's changed in this release?

In the latest [Labour Market release](#), a revision occurred due to taking on board the latest information from the Annual Survey of Hours and Earnings to improve the estimation of earnings of employees of small businesses. In this release we have incorporated these updated estimates in our calculation of compensation of employees (CoE) and mixed income. This change has caused minimal revisions to these components.

In this release we have amended the way we display contributions to GDP growth for output, expenditure and income components. Contributions to GDP growth are now published to two decimal places, consistent with the Monthly GDP publication, and can be found in data tables AA, AB and AC.

3 . Economic growth slows to 0.2% in Quarter 4 2018, as the annual increase in activity in 2018 is the weakest in six years

UK gross domestic product (GDP) is estimated to have slowed to 0.2% in Quarter 4 (Oct to Dec) 2018, slightly below the latest forecasts produced by the [Bank of England \(PDF, 4.27MB\)](#) and the [National Institute of Economic and Social Research \(PDF, 317.7KB\)](#). Following a pickup in activity over the summer months – in part due to warm weather and the World Cup – real GDP growth slowed markedly in the final quarter of 2018, with GDP falling by 0.4% in the month of December. Construction, production and services output fell in the month, the first time that there has been such a broad-based fall in monthly output since September 2012. [Previous analysis](#) showed that estimates of monthly GDP can be volatile in nature, with almost one in every four months in the past 21 years showing negative GDP growth, although the more stable rolling three-month figure points to an underlying slowing in the UK economy. More information on the monthly estimates of GDP can be found in the [GDP monthly estimate, UK: December 2018](#) publication.

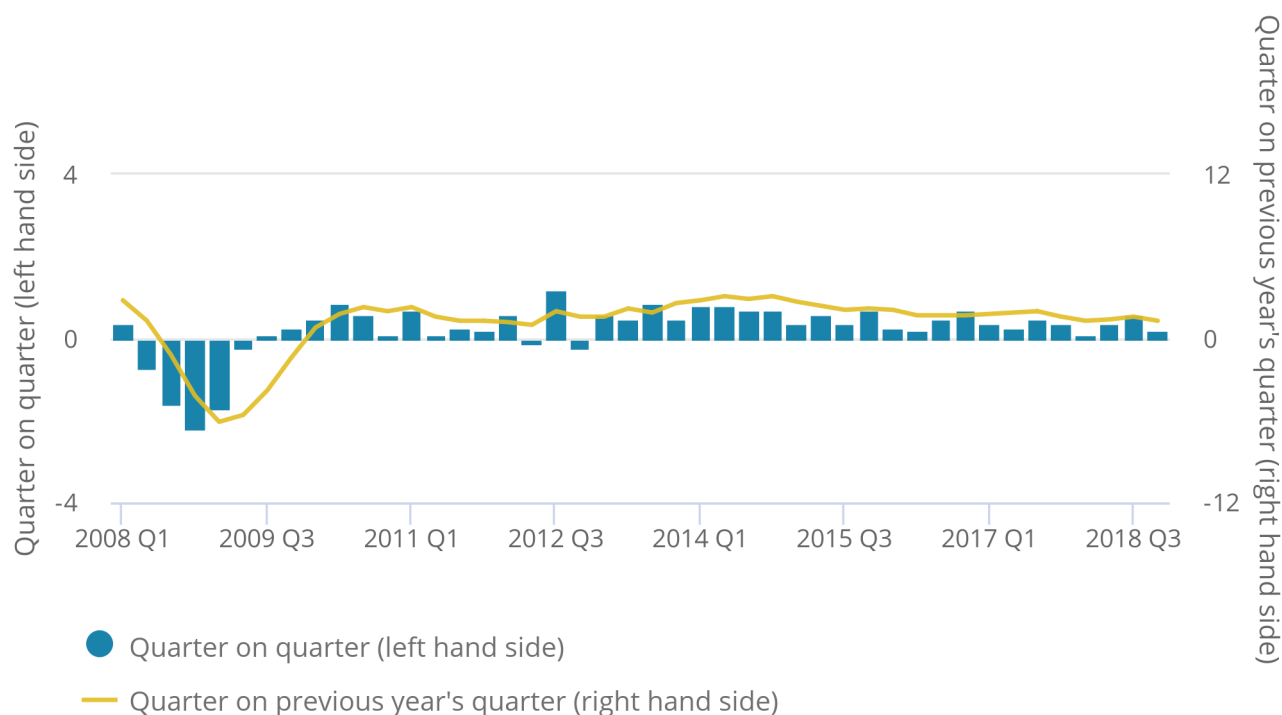
Compared with the same quarter in the previous year, the UK economy is estimated to have grown by 1.3%. It has not been weaker since Quarter 2 (Apr to June) 2012 and continues its relatively subdued performance over the last year (Figure 1). Today's estimates also provide the first snapshot of how the economy performed in 2018, showing that UK GDP increased by 1.4%, the weakest it has been since 2009.

Figure 1: Real GDP slows to 0.2% in Quarter 4 2018

UK, Quarter 1 (Jan to Mar) 2008 to Quarter 4 (Oct to Dec) 2018

Figure 1: Real GDP slows to 0.2% in Quarter 4 2018

UK, Quarter 1 (Jan to Mar) 2008 to Quarter 4 (Oct to Dec) 2018



Source: Office for National Statistics

Notes:

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

In line with the [National Accounts Revisions Policy](#), revisions are open back to Quarter 1 (Jan to Mar) 2018 as part of this publication. There have been no revisions to the quarterly path of real GDP, although there have been some revisions to individual components of GDP and some small revisions to nominal GDP. Cumulative nominal GDP is now estimated to have increased by 2.4% over the first three quarters of 2018, down from the previous estimate of 2.6%. Today's estimates show that nominal GDP increased by 0.6% in the final quarter of the year.

The implied GDP deflator represents the broadest measure of inflation in the domestic economy, reflecting changes in the price of all goods and services that comprise GDP. This includes the price movements in private and government consumption, investment and the relative price of exports and imports. In the year to Quarter 4 2018, the implied GDP deflator increased by 1.6%. This is a slowing from the previous quarter, reflecting an easing in the increases in prices in private consumption, government consumption and gross fixed capital formation. There have been downward revisions to the 2018 quarterly path of the implied GDP deflator, which reflect broad-based revisions to the underlying components, and it is estimated to have increased by 1.7% in 2018.

4 . Growth of services output eases in Quarter 4, as manufacturing and construction output fall

The output measure of gross domestic product (GDP) increased 0.2% in Quarter 4 (Oct to Dec) 2018. There has been a slight easing in services output growth to 0.4%, following a relatively strong performance throughout the summer months. Production output fell by 1.1% – its largest decline since Quarter 4 2012 – including a 0.9% fall in manufacturing output. Following two consecutive quarters of growth, construction output fell by 0.3% in Quarter 4. The annual figures for 2018 show that there was a slowing of growth in all three of these industries. Services output increased by 1.7% in 2018, it was last lower in 2010, while there has also been a notable easing in growth in the production and construction industries.

Services output growth slowed to 0.4% in Quarter 4, reflecting a slowdown across a number of industries. This was also seen in the [December 2018 UK Services Purchasing Managers Index \(PDF, 158KB\)](#), which noted that survey respondents commented that “Brexit-related concerns were a key factor weighing on business-to-business spending at the end of 2018”, as business activity rose at one of its slowest rates over the previous two and a half years. In addition, wholesale and retail trade slowed to 0.5% in Quarter 4 2018, following growth of 1.2% in the previous quarter. The latest official figures show that [retail sales](#) fell by 0.2% in the three months to December 2018, continuing the slowing in the underlying three-month trend as the boost seen throughout the summer months continues to wane. This is echoed in the recent British Retail Consortium figures who recorded flat retail sales in the year to December.

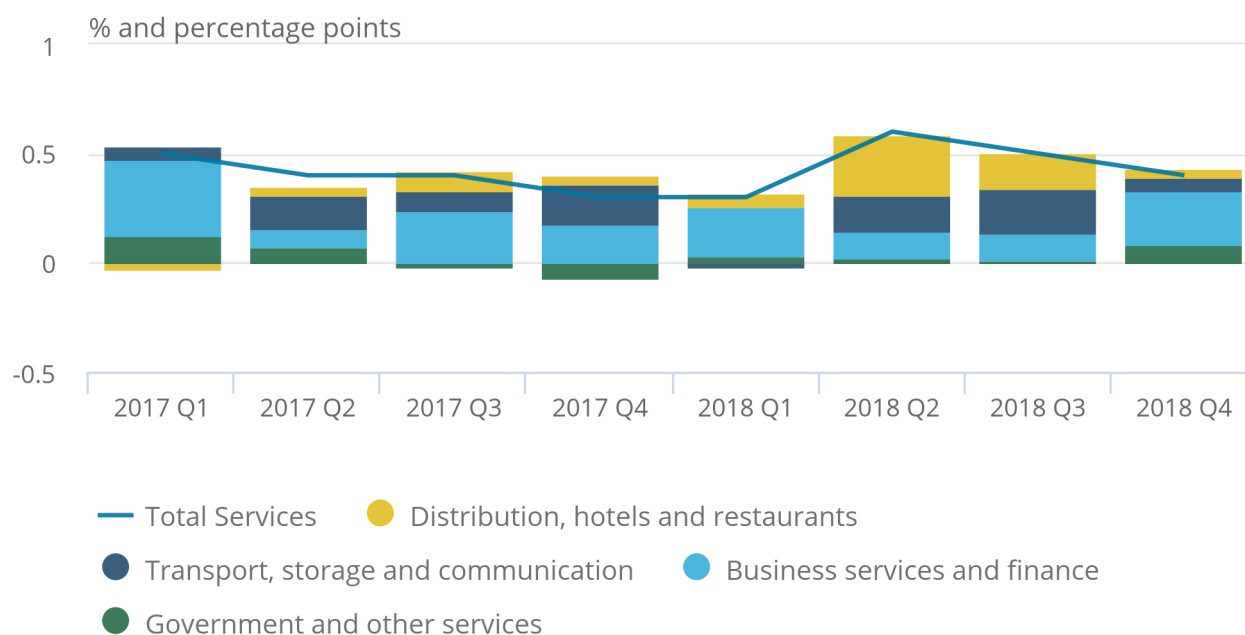
Figure 2 shows that there has been a 0.6% increase in business and financial services in Quarter 4, driven by an increase in the professional, scientific, administration and support services and real estate industries. This has been corroborated in the latest [Bank of England Agents Summary of Business Conditions \(PDF, 1.40MB\)](#), which reported that demand for business and financial services had continued to grow at a modest rate, as “sectors such as commercial property, recruitment and business advisory services reported that demand had been more resilient than they expected”.

Figure 2: Service sector growth eases to 0.4% following strong summer

UK, Quarter 1 (Jan to Mar) 2017 to Quarter 4 (Oct to Dec) 2018

Figure 2: Service sector growth eases to 0.4% following strong summer

UK, Quarter 1 (Jan to Mar) 2017 to Quarter 4 (Oct to Dec) 2018



Source: Office for National Statistics

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

In the production industry, output fell by 1.1% in Quarter 4 2018, marking the weakest quarterly growth since Quarter 4 2012. The decline reflects falls across all main areas of production (Figure 3), which is the first such occurrence since the first quarter of 2009. The 0.9% fall in manufacturing output in Quarter 4 was broad-based with ten of the thirteen manufacturing industries experiencing a contraction in activity. Manufacturing output of transport equipment fell 2.7%, in part reflecting the partial closures of multiple car manufacturing plants. The fall in transport equipment is also echoed in the recent [Society of Motor Manufacturers and Traders](#) survey. The fall in production was attributed to “regulatory changes and ongoing uncertainty over future diesel policy and taxation, which were exacerbated by declining consumer and business confidence”. Today’s monthly figures show that manufacturing output has now fallen for six consecutive months, which last happened in late 2008 and early 2009 at the time of the financial crisis. Despite this, in Quarter 3 (July to Sept) 2018 we continued to see a small increase in growth in manufacturing output of 0.2%, in part due to a weaker base period in Quarter 2 2018.

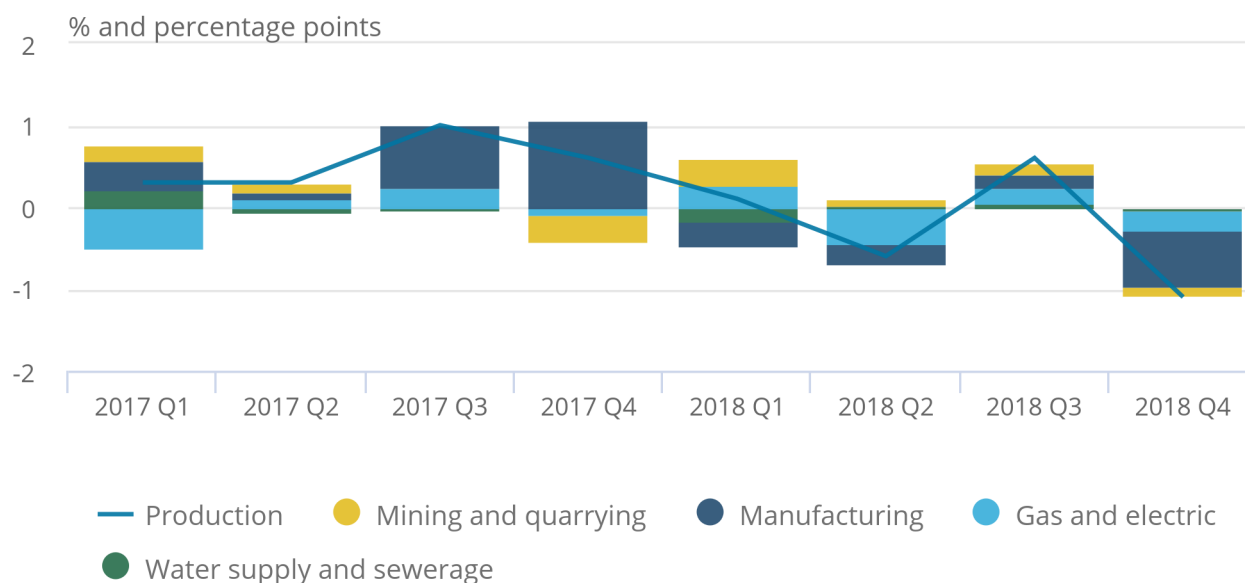
There was also a fall of 1.4% in mining and quarrying, which broadly reflects higher than usual levels of output over the summer months. Elsewhere, electricity, gas, steam and air output fell by 2.0% in Quarter 4, in part reflecting a strong performance in the previous quarter. Above average temperatures in the final three months of the year may have also played a role in the overall slowdown in production of the energy industry.

Figure 3: Production output falls in Quarter 4, with output falling in all main areas of production

UK, Quarter 1 (Jan to Mar) 2017 to Quarter 4 (Oct to Dec) 2018

Figure 3: Production output falls in Quarter 4, with output falling in all main areas of production

UK, Quarter 1 (Jan to Mar) 2017 to Quarter 4 (Oct to Dec) 2018



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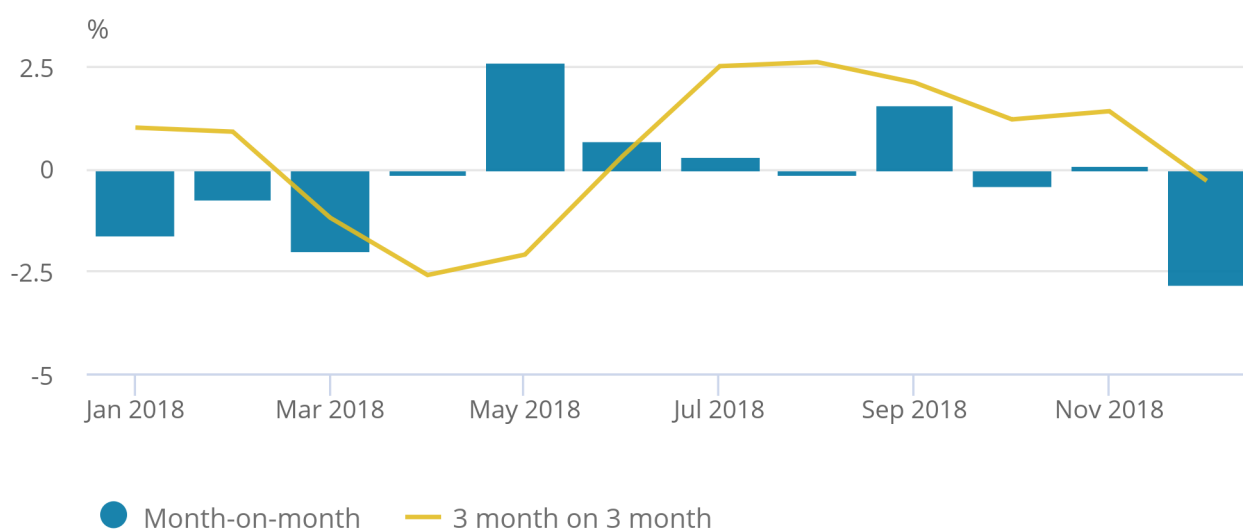
In the construction industry, output fell by 0.3% in Quarter 4, primarily reflecting a sharp 2.8% fall in December (Figure 4). This monthly fall reflected a 6.8% fall in new private housing work and a 5.9% fall in non-housing repair and maintenance. There also have been revisions to the monthly path in 2018, including downward revisions to the figures for October and November 2018 – see [Construction Output in Great Britain: December 2018](#) for more information. The latest [Bank of England Agents Summary of Business Conditions \(PDF, 1.4MB\)](#) highlights that activity in the construction industry remains modest, while the [Construction Purchasing Managers' Index](#) slowed in December, with signs of heightened uncertainty weighing on new orders.

Figure 4: Construction output falls 0.3% in Quarter 4 2018

UK, January 2018 to December 2018

Figure 4: Construction output falls 0.3% in Quarter 4 2018

UK, January 2018 to December 2018



Source: Office for National Statistics

5 . Business investment falls for the fourth consecutive quarter

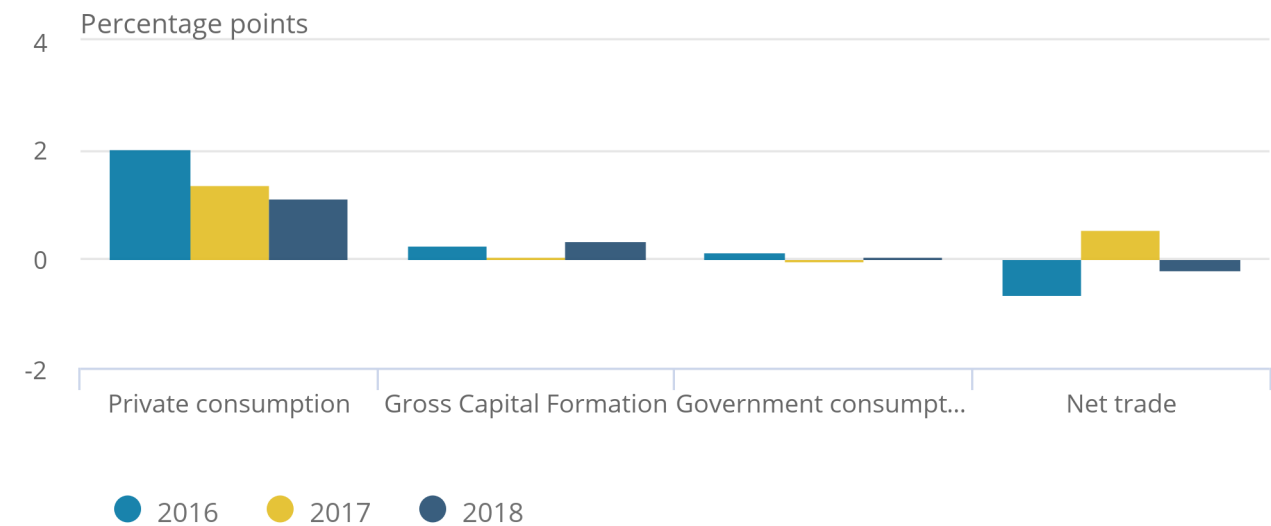
The expenditure measure of gross domestic product (GDP) increased by 0.2% in Quarter 4 (Oct to Dec) 2018. Private and government consumption contributed positively to GDP growth, while the quarterly falls in gross capital formation (GCF) and net trade explain the slowing in the quarter. Figure 5 shows the extent of the slowdown of the contribution of private consumption in recent years, which likely reflects the effect of a squeeze in purchasing power. It also shows the positive contribution of gross capital formation in 2018, although this reflects movements in inventories and valuables, as gross fixed capital formation was flat last year. Having provided a boost to GDP growth in 2017, net trade fell in 2018 – a possible reflection of the waning effects of sterling’s depreciation and a slowing in momentum in the global economy.

Figure 5: The contribution of private consumption to annual GDP growth has eased in recent years

UK, 2016 to 2018

Figure 5: The contribution of private consumption to annual GDP growth has eased in recent years

UK, 2016 to 2018



Source: Office for National Statistics

Notes:

1. Components may not sum to total gross domestic product due to rounding and loss of additivity in data prior to open period. The statistical discrepancy is also not displayed.

Household consumption increased by 0.4% in Quarter 4 2018, broadly in line with the subdued quarterly growth rate experienced over 2017 and 2018. The relatively muted growth in household consumption was also noted in the latest [Bank of England Agents' Summary of Business Conditions \(PDF, 1.4MB\)](#), which noted that “uncertainty related to Brexit and subdued housing market activity weighed on demand”. It also reported that there had been evidence that Black Friday sales had failed to meet expectations, though some of this may have reflected that less spending had been brought forward from December. The [GfK Consumer Confidence](#) figures in December found that consumers were much less confident at the end of the year, with its reading at its lowest for more than five years.

Government consumption increased by 1.4% in Quarter 4 2018, primarily reflecting an increase across general public services and defence spending. Expenditure in these areas has been lower across this financial year compared to previous years, however, the latest estimates show that there has been a pickup in such spend.

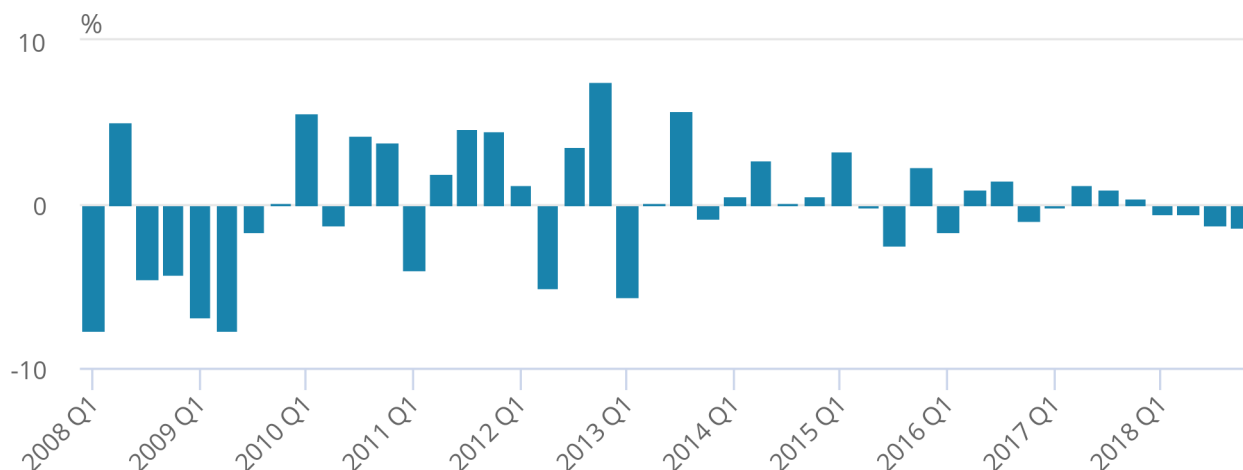
Gross fixed capital formation fell by 0.5% in the final three months of 2018 and was flat over the year – the first time that there had been no increase in capital investment since 2009, in which the UK was in the midst of the effects of the financial crisis. There were continued falls in investment in transport equipment in Quarter 4, although these estimates can be volatile. Early estimates of business investment can be prone to revision, but today's estimates show it fell by 1.4% in the final quarter of the year. This is the fourth consecutive quarter in which such capital expenditure has fallen, the first such instance since 2009 (Figure 6). Compared with the same quarter in the previous year, business investment fell by 3.7% – the largest fall since the first quarter of 2010. In the latest Inflation Report, the [Bank of England](#) observe that this weakness appears to “primarily reflect Brexit and associated uncertainty”. This subdued picture has been corroborated in a range of business surveys, many of which cite the effect of heightened uncertainty. The Quarter 4 [Decision Maker's Panel](#) highlights Brexit as one of the top sources of uncertainty, while the latest [Deloitte CFO Survey](#) reports that perceptions of uncertainty continued to rise in the final quarter of 2018, while the outlook for capital expenditure has deteriorated.

Figure 6: Business investment falls for the fourth consecutive quarter, contracting by 0.9% in 2018

UK, Quarter 1 (Jan to Mar) 2008 to Quarter 4 (Oct to Dec) 2018

Figure 6: Business investment falls for the fourth consecutive quarter, contracting by 0.9% in 2018

UK, Quarter 1 (Jan to Mar) 2008 to Quarter 4 (Oct to Dec) 2018



Source: Office for National Statistics

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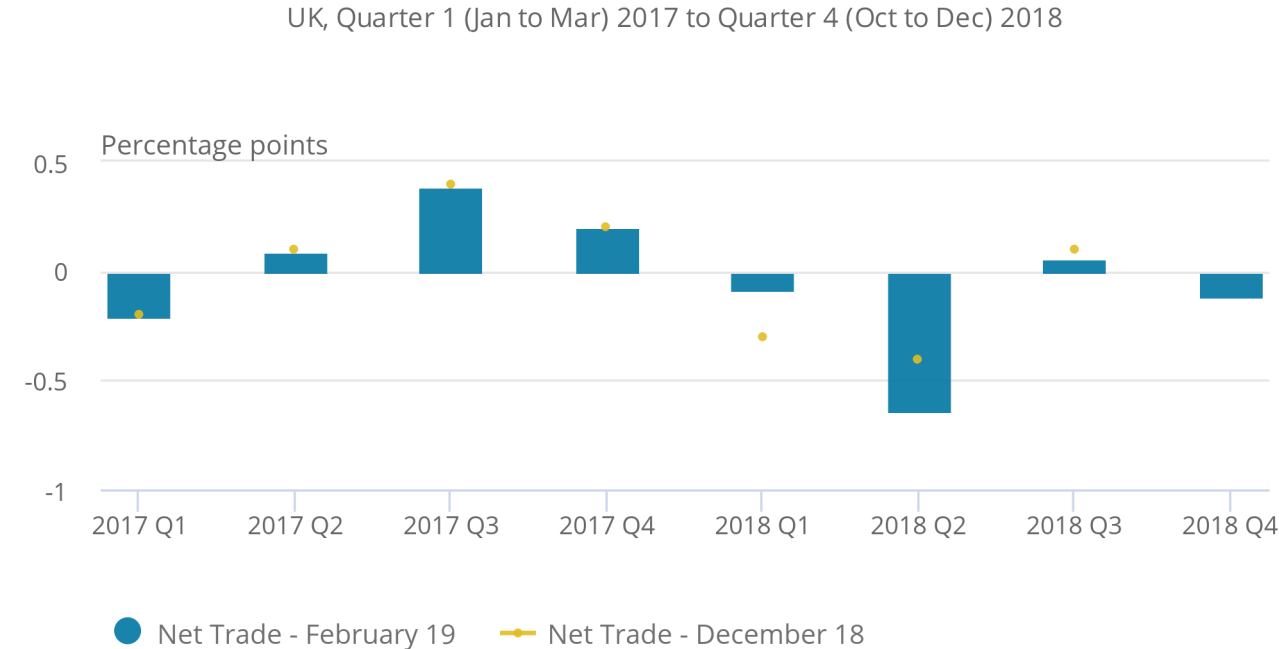
Alignment adjustments and balancing adjustments are typically applied to the inventories component to help balance the different approaches to GDP, more detail on these can be found in the Quality and methodology section. When these adjustments are removed, the underlying data shows a slight increase in stocks being held by UK companies in the most recent quarter. There has been anecdotal evidence in a range of business surveys that stockpiling has taken place of late, although this is difficult to unpick in the official estimates.

There have been some notable [movements in non-monetary gold \(NMG\)](#) in Quarter 4. These do not affect headline GDP as these are recorded as equivalent offsetting impacts in the UK National Accounts, but this is reflected in the composition of GDP growth. There was a sizeable export of NMG in Quarter 4, reflected in an offsetting fall in the acquisition less disposal of valuables, which helps explain the size of the contribution of gross capital formation. Despite this NMG movement, net trade made a negative contribution to GDP growth in the last three months of 2018, as the 0.9% increase in exports was more than offset by the 1.3% increase in imports. This included a 0.9% fall in exports of goods, which is in line with the latest [Bank of England Agents' Summary of Business Conditions](#) that notes a slowdown in the export of manufactured goods. This is said to have reflected “a combination of a waning boost from sterling’s 2016 depreciation and weaker demand for diesel cars, rail and marine goods”. Figure 7 shows the revisions to the quarterly path of net trade contributions, which primarily reflect the incorporation of improved survey returns. That said, the net effect of these revisions is relatively minimal – the cumulative contribution of net trade to GDP growth over the first three quarters of 2018 is largely unchanged.

Figure 7: There have been revisions to the quarterly path of net trade contributions in 2018, although the overall effect is minimal

UK, Quarter 1 (Jan to Mar) 2017 to Quarter 4 (Oct to Dec) 2018

Figure 7: There have been revisions to the quarterly path of net trade contributions in 2018, although the overall effect is minimal



Source: Office for National Statistics

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6 . Nominal GDP eases to 0.6% in Quarter 4, reflecting a slowing in compensation of employees

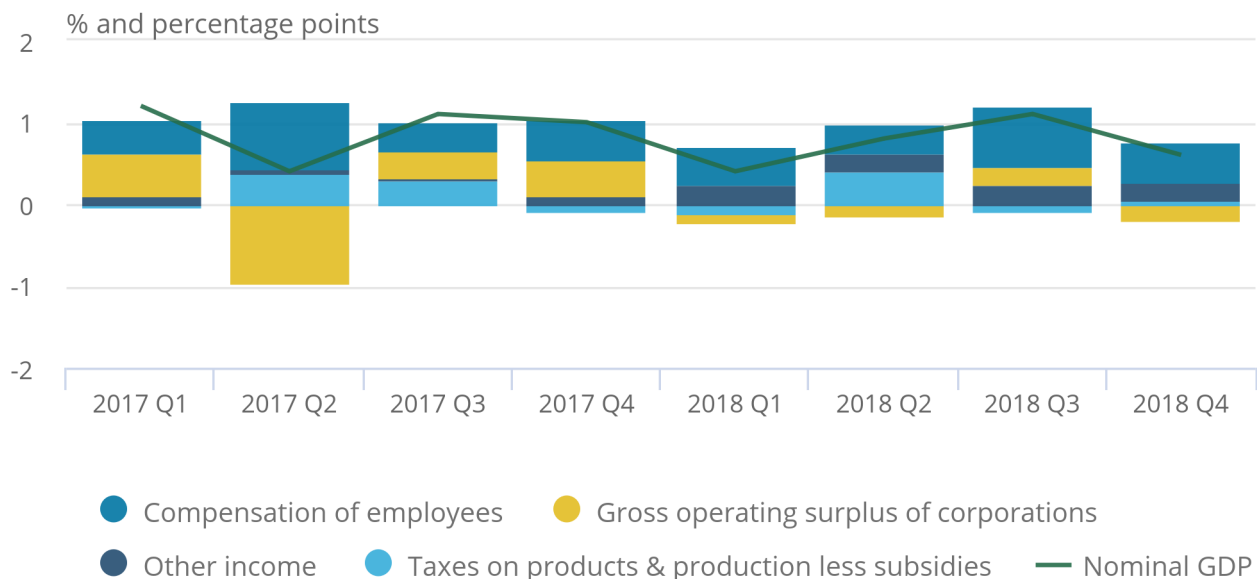
Growth in nominal gross domestic product (GDP) slowed to 0.6% in Quarter 4 (Oct to Dec) 2018, following an increase of 1.1% in the previous quarter. This was driven by an increase of 0.9% in compensation of employees (CoE), reflecting an easing in wages and salaries and employers social contributions (Figure 8). Gross operating surplus (GOS) of corporations fell by 0.8%, reflecting a fall in the profits of private non-financial corporations. Other income increased by 1.2%, slowing slightly from growth of 1.4% in Quarter 3 (July to Sept) 2018.

Figure 8: Nominal GDP rises by 0.6% in quarter 4, as growth in compensation of employees slows

UK, Quarter 1 (Jan to Mar) 2017 to Quarter 4 (Oct to Dec) 2018

Figure 8: Nominal GDP rises by 0.6% in quarter 4, as growth in compensation of employees slows

UK, Quarter 1 (Jan to Mar) 2017 to Quarter 4 (Oct to Dec) 2018



Source: Office for National Statistics

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7 . Links to related statistics

Release content

All data in this bulletin are seasonally adjusted estimates. Non-seasonally adjusted data are available within the UK Economic Accounts (UKEA). These data can be downloaded directly from the [UKEA dataset](#) and on the [UKEA main aggregates](#) dataset table. Data published in the UKEA reflect data as published on 21 December 2018 and will be next updated on 29 March 2019 when the Quarter 4 (Oct to Dec) 2018 Quarterly national accounts release and UKEA will become consistent.

A number of other economic indicators were published on 11 February 2018, these include:

- [GDP monthly estimate, UK: December release](#)
- [data for GFCF by sector and asset](#), [revision triangles](#) and a [real time database](#)
- [Index of Services publication](#)
- [Index of Production release](#)
- [Construction output in Great Britain publication](#)
- [UK trade release](#)

8 . Quality and methodology

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

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

The national accounts are drawn together using data from many different sources. This ensures that the national accounts are comprehensive and provide different perspectives on the economy, for example, sales by retailers and purchases by households.

Important quality issues

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

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

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

Many different approaches can be used to summarise revisions; the “Validation and quality assurance” section in the [Quality and Methodology Information report](#) analyses the mean average revision and the mean absolute revision for GDP estimates over data publication iterations.

Reaching the GDP balance

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

Information on the methods we use for [Balancing the output, income and expenditure approaches to measuring GDP](#) is available. The size and direction of the quarterly alignment adjustments, when considered alongside the statistical discrepancy, in Quarter 4 2018 indicate that in this quarter the levels of expenditure and income are lower than the level of output.

Alignment adjustments, found in Table M of the [first quarterly estimate of GDP datasets](#) in this release, have a target limit of plus or minus £2,000 million on any quarter. To achieve a balanced GDP dataset through alignment, balancing adjustments are applied to the components of GDP where required. They are applied to the individual components where data content is particularly weak in a given quarter due to a higher level of forecast content. The balancing adjustments applied in this quarter are shown in table 1, the resulting series should be considered accordingly.

Table 1: Balancing adjustments applied to the GDP First quarterly estimate dataset for Quarter 1 2018 (Jan to Mar) to Quarter 4 (Oct to Dec) 2018

GDP measurement approach and component adjustment applied to		Q1 2018	Q2 2018	Q3 2018	Q4 2018
Expenditure					
Trade in Services	Current prices and Chained volume measure	-600	-350	600	900
Inventories	Current prices and Chained volume measure	-700		200	500
Valuables	Current prices and Chained volume measure				1000
Income					
Financial corporations GOS	Current prices			-250	
Other income	Current prices		-250	-250	-250

Source: Office for National Statistics

Notes

- Adjustments are in £ million. [Back to table](#)
- Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec). [Back to table](#)

A1 National accounts aggregates^{1,2}

2016 = 100

	Value indices at current prices		Chained volume indices			Implied deflators ³		
	Gross domestic product at market prices	Gross value added at basic prices	Gross domestic product at market prices	Gross value added at basic prices	Market sector gross value added	Gross national expenditure	Gross domestic product at market prices	Gross value added at basic prices
	YBEU	YBEX	YBEZ	CGCE	L48H	YBFV	YBGB	CGBV
2015	96.3	96.4	98.2	98.1	97.6	98.4	98.0	98.2
2016	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2017	104.1	104.0	101.8	102.1	103.4	102.4	102.2	101.9
2018	107.4	107.3	103.3	103.5	105.1	104.3	104.0	103.7
Seasonally adjusted								
2015 Q3	96.6	96.6	98.4	98.3	97.8	98.6	98.1	98.2
Q4	97.0	97.1	99.1	98.8	98.3	98.1	97.9	98.2
2016 Q1	98.6	98.6	99.5	99.1	98.8	99.3	99.1	99.4
Q2	99.4	99.4	99.6	99.6	99.5	100.0	99.8	99.9
Q3	100.3	100.4	100.1	100.2	100.3	100.1	100.2	100.2
Q4	101.7	101.7	100.8	101.1	101.5	100.6	100.9	100.5
2017 Q1	103.0	102.9	101.3	101.5	102.7	101.7	101.7	101.4
Q2	103.3	103.3	101.5	101.8	103.0	101.9	101.8	101.5
Q3	104.4	104.2	102.0	102.3	103.7	102.5	102.3	101.9
Q4	105.5	105.4	102.5	102.7	104.2	103.3	103.0	102.7
2018 Q1	106.0	106.0	102.6	102.8	104.3	103.5	103.3	103.1
Q2	106.9	106.6	103.0	103.2	104.8	103.9	103.7	103.3
Q3	108.0	108.0	103.6	103.9	105.6	104.8	104.2	103.9
Q4	108.6	108.6	103.8	104.0	105.8	105.2	104.6	104.3
Percentage change, latest year on previous year								
	IHYM	KGL6	IHYP	KGM7	L489	KH7D	IHYS	KGM4
2015	2.8	2.8	2.3	2.5	2.8	-0.1	0.4	0.2
2016	3.9	3.8	1.8	1.9	2.4	1.6	2.1	1.9
2017	4.1	4.0	1.8	2.1	3.4	2.4	2.2	1.9
2018	3.2	3.2	1.4	1.4	1.7	1.9	1.7	1.8
Percentage change, latest quarter on previous quarter								
	IHYN	KGL8	IHYQ	KGM9		KH7E	IHYT	KGM5
2015 Q3	0.1	-0.1	0.4	0.3		-0.4	-0.4	-0.4
Q4	0.5	0.5	0.7	0.5	0.3	-0.5	-0.3	-
2016 Q1	1.6	1.5	0.3	0.3	0.4	1.2	1.3	1.2
Q2	0.9	0.9	0.2	0.4	0.7	0.7	0.7	0.4
Q3	0.9	0.9	0.5	0.6	0.8	0.2	0.4	0.3
Q4	1.5	1.3	0.7	0.9	1.2	0.5	0.7	0.4
2017 Q1	1.2	1.3	0.4	0.4	1.2	1.1	0.8	0.9
Q2	0.4	0.4	0.3	0.3	0.3	0.2	0.1	0.1
Q3	1.1	0.9	0.5	0.5	0.6	0.6	0.5	0.3
Q4	1.0	1.2	0.4	0.4	0.5	0.7	0.6	0.8
2018 Q1	0.4	0.5	0.1	0.1	0.1	0.2	0.3	0.4
Q2	0.8	0.5	0.4	0.4	0.5	0.4	0.4	0.1
Q3	1.1	1.3	0.6	0.6	0.7	0.8	0.5	0.7
Q4	0.6	0.6	0.2	0.2	0.1	0.4	0.4	0.4
Percentage change, latest quarter on corresponding quarter of previous year								
	IHYO	KGM2	IHYR	KGN3	L48D	KH7F	IHYU	KGM6
2015 Q3	2.3	2.0	2.1	2.2	2.4	-0.2	0.2	-0.2
Q4	2.8	2.8	2.2	1.8	2.0	-0.1	0.5	0.9
2016 Q1	3.9	3.6	2.1	1.8	1.9	1.3	1.7	1.8
Q2	3.0	2.8	1.7	1.6	2.0	0.9	1.3	1.3
Q3	3.8	3.9	1.7	1.9	2.5	1.5	2.1	2.0
Q4	4.9	4.7	1.7	2.3	3.2	2.5	3.1	2.4
2017 Q1	4.5	4.5	1.8	2.4	4.0	2.4	2.6	2.0
Q2	4.0	3.9	1.9	2.2	3.6	2.0	2.0	1.7
Q3	4.2	3.8	2.0	2.1	3.4	2.4	2.2	1.7
Q4	3.7	3.7	1.6	1.6	2.7	2.7	2.0	2.1
2018 Q1	2.9	3.0	1.3	1.3	1.6	1.8	1.6	1.7
Q2	3.4	3.2	1.4	1.4	1.7	1.9	1.9	1.7
Q3	3.4	3.6	1.6	1.6	1.9	2.2	1.8	2.0
Q4	3.0	3.0	1.3	1.3	1.5	1.9	1.6	1.6

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

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

3 Based on 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 2016)			
	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 ³
	YBHA	NTAP	ABML	ABMI	NTAO	ABMM	KLS2
2015	1 895 839	203 800	1 692 039	1 934 903	211 411	1 723 523	1 711 310
2016	1 969 524	213 479	1 756 045	1 969 524	213 479	1 756 045	1 743 298
2017	2 049 629	223 756	1 825 873	2 005 427	213 165	1 792 262	1 779 831
2018	2 114 627	230 639	1 883 988	2 033 623	216 305	1 817 318	1 804 450
Seasonally adjusted							
2015 Q3	475 541	51 621	423 920	484 552	52 849	431 718	428 558
Q4	477 774	51 676	426 098	488 153	54 358	433 845	430 760
2016 Q1	485 326	52 667	432 659	489 736	54 606	435 169	432 081
Q2	489 494	52 981	436 513	490 502	53 391	437 116	433 934
Q3	493 730	53 153	440 577	492 816	52 908	439 892	436 496
Q4	500 974	54 678	446 296	496 470	52 574	443 868	440 787
2017 Q1	507 028	55 076	451 952	498 582	52 979	445 603	442 478
Q2	508 869	55 297	453 572	499 885	53 144	446 741	443 583
Q3	514 258	56 810	457 448	502 473	53 425	449 048	445 876
Q4	519 474	56 573	462 901	504 487	53 617	450 870	447 894
2018 Q1	521 762	56 337	465 425	505 027	53 708	451 319	448 106
Q2	526 118	58 179	467 939	507 132	53 936	453 196	449 979
Q3	531 877	57 895	473 982	510 289	54 277	456 012	452 759
Q4	534 870	58 228	476 642	511 175	54 384	456 791	453 606
Percentage change, latest year on previous year							
	IHYM		KGL6	IHYP		KGM7	KLH8
2015	2.8		2.8	2.3		2.5	2.5
2016	3.9		3.8	1.8		1.9	1.9
2017	4.1		4.0	1.8		2.1	2.1
2018	3.2		3.2	1.4		1.4	1.4
Percentage change, latest quarter on previous quarter							
	IHYN		KGL8	IHYQ		KGM9	
2015 Q3	0.1		-0.1	0.4		0.3	0.3
Q4	0.5		0.5	0.7		0.5	0.5
2016 Q1	1.6		1.5	0.3		0.3	0.3
Q2	0.9		0.9	0.2		0.4	0.4
Q3	0.9		0.9	0.5		0.6	0.6
Q4	1.5		1.3	0.7		0.9	1.0
2017 Q1	1.2		1.3	0.4		0.4	0.4
Q2	0.4		0.4	0.3		0.3	0.2
Q3	1.1		0.9	0.5		0.5	0.5
Q4	1.0		1.2	0.4		0.4	0.5
2018 Q1	0.4		0.5	0.1		0.1	-
Q2	0.8		0.5	0.4		0.4	0.4
Q3	1.1		1.3	0.6		0.6	0.6
Q4	0.6		0.6	0.2		0.2	0.2
Percentage change, latest quarter on corresponding quarter of previous year							
	IHYO		KGM2	IHYR		KGN3	KLH9
2015 Q3	2.3		2.0	2.1		2.2	2.1
Q4	2.8		2.8	2.2		1.8	1.7
2016 Q1	3.9		3.6	2.1		1.8	1.7
Q2	3.0		2.8	1.7		1.6	1.6
Q3	3.8		3.9	1.7		1.9	1.9
Q4	4.9		4.7	1.7		2.3	2.3
2017 Q1	4.5		4.5	1.8		2.4	2.4
Q2	4.0		3.9	1.9		2.2	2.2
Q3	4.2		3.8	2.0		2.1	2.1
Q4	3.7		3.7	1.6		1.6	1.6
2018 Q1	2.9		3.0	1.3		1.3	1.3
Q2	3.4		3.2	1.4		1.4	1.4
Q3	3.4		3.6	1.6		1.6	1.5
Q4	3.0		3.0	1.3		1.3	1.3

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

2 Taxes on products less subsidies.

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

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

2016 = 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	
2016 Weights³	7	10	100	17	10	138	60	134	106	335	221	796	1000	993
	L2KL	L2KR	L2KX	L2MW	L2N2	L2KQ	L2N8	L2PZ	KI8M	KI8O	KI8Q	L2NC	CGCE	KLH7
2015	106.0	99.7	99.6	97.9	94.7	99.0	96.1	96.3	96.7	98.0	100.0	98.1	98.1	98.2
2016	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
2017	103.0	99.4	102.5	98.4	103.4	101.8	107.1	102.2	104.9	102.2	100.6	102.1	102.1	102.1
2018	99.9	102.1	103.4	99.0	101.0	102.6	107.8	105.0	108.4	104.0	100.7	103.8	103.5	103.5
Seasonally adjusted														
2015 Q3	106.3	101.8	99.3	98.5	95.7	99.2	95.7	96.6	97.1	98.2	100.2	98.3	98.3	98.3
Q4	104.6	99.7	99.2	96.1	96.0	98.6	97.2	97.6	97.7	98.9	100.5	98.9	98.8	98.8
2016 Q1	100.7	97.9	99.0	98.1	97.8	98.7	97.5	98.7	98.0	99.3	100.3	99.3	99.1	99.1
Q2	99.7	100.1	100.2	102.5	100.5	100.5	99.2	99.2	98.2	99.6	99.9	99.4	99.6	99.6
Q3	99.5	105.1	99.7	98.5	100.6	100.1	100.2	100.1	101.0	100.3	99.8	100.2	100.2	100.2
Q4	100.1	97.0	101.0	100.9	101.2	100.7	103.1	101.9	102.8	100.8	100.0	101.0	101.1	101.1
2017 Q1	102.2	99.4	101.5	96.9	104.3	101.0	106.5	101.7	103.3	101.6	100.5	101.5	101.5	101.5
Q2	102.8	100.9	101.6	97.8	103.4	101.2	106.7	102.0	104.5	101.8	100.7	101.9	101.8	101.8
Q3	103.5	101.0	102.7	99.9	102.9	102.2	107.4	102.5	105.2	102.4	100.7	102.3	102.3	102.3
Q4	103.3	96.4	104.2	99.2	102.9	102.9	107.7	102.7	106.6	102.8	100.4	102.6	102.7	102.8
2018 Q1	100.1	100.9	103.8	101.4	100.4	103.0	106.5	103.1	106.5	103.4	100.5	103.0	102.8	102.8
Q2	99.9	101.9	103.4	97.8	100.8	102.4	106.8	104.8	107.8	103.7	100.6	103.6	103.2	103.2
Q3	99.4	103.6	103.7	99.4	101.6	103.0	109.0	105.9	109.4	104.1	100.7	104.1	103.9	103.9
Q4	100.5	102.1	102.7	97.4	101.2	101.9	108.8	106.2	109.8	104.7	101.0	104.6	104.0	104.1
Percentage change, latest year on previous year														
	L3BB	L3BH	L3BN	L3DM	L3DQ	L3BG	L3DW	L3GP	KI8L	KI8N	KI8P	L3E2	KGM7	KLH8
2015	1.1	8.0	—	1.0	3.4	1.2	4.4	4.5	4.1	2.6	0.9	2.7	2.5	2.5
2016	-5.6	0.3	0.4	2.1	5.6	1.0	4.1	3.8	3.4	2.1	—	1.9	1.9	1.9
2017	3.0	-0.6	2.5	-1.6	3.4	1.8	7.1	2.2	4.9	2.2	0.6	2.1	2.1	2.1
2018	-2.9	2.7	0.9	0.6	-2.3	0.7	0.7	2.7	3.3	1.8	0.1	1.7	1.4	1.4
Percentage change, latest quarter on previous quarter														
													KGM9	
2015 Q3	-0.6	-0.9	-0.4	0.8	0.4	-0.3	-0.6	0.5	0.6	0.6	0.2	0.5	0.3	0.3
Q4	-1.7	-2.0	-0.2	-2.4	0.3	-0.6	1.5	1.0	0.6	0.7	0.3	0.6	0.5	0.5
2016 Q1	-3.7	-1.9	-0.1	2.1	1.8	0.1	0.3	1.1	0.4	0.5	-0.2	0.4	0.3	0.3
Q2	-1.1	2.2	1.2	4.6	2.8	1.8	1.7	0.5	0.2	0.3	-0.4	0.1	0.4	0.4
Q3	-0.2	5.1	-0.5	-3.9	0.1	-0.4	1.1	0.9	2.9	0.7	-0.1	0.8	0.6	0.6
Q4	0.6	-7.8	1.3	2.4	0.6	0.6	2.9	1.7	1.8	0.5	0.1	0.8	0.9	1.0
2017 Q1	2.1	2.6	0.5	-3.9	3.1	0.3	3.2	-0.2	0.4	0.8	0.5	0.5	0.4	0.4
Q2	0.6	1.5	0.1	0.9	-0.8	0.3	0.2	0.3	1.2	0.2	0.3	0.4	0.3	0.2
Q3	0.6	0.1	1.1	2.2	-0.5	1.0	0.7	0.5	0.7	0.6	-0.1	0.4	0.5	0.5
Q4	-0.1	-4.5	1.5	-0.8	—	0.6	0.3	0.2	1.3	0.4	-0.3	0.3	0.4	0.5
2018 Q1	-3.1	4.6	-0.4	2.2	-2.4	0.1	-1.2	0.4	-0.1	0.5	0.1	0.3	0.1	—
Q2	-0.2	1.0	-0.4	-3.5	0.4	-0.6	0.3	1.6	1.2	0.3	0.1	0.6	0.4	0.4
Q3	-0.5	1.7	0.2	1.7	0.8	0.6	2.1	1.0	1.5	0.3	0.1	0.5	0.6	0.6
Q4	1.1	-1.4	-0.9	-2.0	-0.4	-1.1	-0.3	0.3	0.4	0.6	0.3	0.4	0.2	0.2
Percentage change, latest quarter on corresponding quarter of previous year														
	L3ZZ	L427	L42D	L44C	L44G	L426	L44M	L47F	KII2	KIH9	KIH8	L44Q	KGN3	KLH9
2015 Q3	0.7	12.5	-0.7	-0.9	5.7	1.2	2.1	4.4	3.8	2.4	0.8	2.5	2.2	2.1
Q4	-2.6	7.6	-1.1	-1.0	5.1	0.3	3.3	3.9	2.8	2.0	0.5	2.0	1.8	1.7
2016 Q1	-5.0	3.3	-1.1	-1.4	6.8	-0.1	2.5	3.9	2.6	2.1	0.8	2.1	1.8	1.7
Q2	-6.8	-2.5	0.5	5.0	5.4	1.0	3.0	3.2	1.8	2.0	-0.1	1.6	1.6	1.6
Q3	-6.5	3.3	0.4	0.1	5.1	0.9	4.7	3.7	4.0	2.1	-0.3	1.9	1.9	1.9
Q4	-4.3	-2.8	1.9	5.0	5.3	2.1	6.1	4.4	5.3	1.9	-0.5	2.1	2.3	2.3
2017 Q1	1.5	1.6	2.5	-1.2	6.7	2.3	9.2	3.0	5.4	2.3	0.2	2.2	2.4	2.4
Q2	3.2	0.9	1.4	-4.6	2.9	0.7	7.6	2.7	6.4	2.2	0.8	2.5	2.2	2.2
Q3	4.0	-4.0	3.0	1.4	2.3	2.2	7.1	2.4	4.2	2.1	0.8	2.1	2.1	2.1
Q4	3.2	-0.5	3.2	-1.7	1.7	2.2	4.5	0.8	3.7	2.0	0.4	1.6	1.6	1.6
2018 Q1	-2.1	1.5	2.3	4.6	-3.7	2.0	—	1.4	3.1	1.8	0.1	1.4	1.3	1.3
Q2	-2.9	1.0	1.8	—	-2.5	1.2	0.2	2.8	3.2	1.9	-0.1	1.7	1.4	1.4
Q3	-3.9	2.6	0.9	-0.5	-1.2	0.7	1.5	3.3	4.0	1.7	—	1.8	1.6	1.5
Q4	-2.8	5.9	-1.5	-1.7	-1.6	-1.0	0.9	3.4	3.0	1.8	0.6	1.9	1.3	1.3

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

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

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

4 This is a balanced index of UK GVA taking into account data from the Income and Expenditure approaches. Thus it will not necessarily be the weighted sum of the industrial indices.

B2 Gross value added at chained volume measures basic prices, by category of output^{1,2}

2016 = 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
2016 Weights³	104	106	30	73	138	123	47	59	75	40	796
	L2NE	KI8M	L2NQ	L2O6	L2OC	L2OH	L2P8	L2PA	L2PC	L2Q5	L2NC
2015	95.8	96.7	98.5	96.6	99.4	97.2	101.8	100.6	98.4	100.2	98.1
2016	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2017	102.1	104.9	102.8	100.2	101.0	104.6	100.2	100.6	99.7	102.6	102.1
2018	105.0	108.4	105.0	99.1	102.0	109.1	100.9	100.8	100.0	101.6	103.8
Seasonally adjusted											
2015 Q3	96.1	97.1	98.4	95.2	100.1	97.9	101.2	100.8	98.9	100.3	98.3
Q4	96.9	97.7	100.4	97.1	100.3	98.3	101.1	101.0	99.4	101.2	98.9
2016 Q1	98.6	98.0	99.2	98.7	100.5	98.4	100.5	100.5	100.1	99.9	99.3
Q2	99.2	98.2	99.3	99.4	99.9	99.4	99.8	99.8	100.1	99.7	99.4
Q3	100.2	101.0	100.1	101.2	99.7	100.4	99.8	99.7	100.0	99.7	100.2
Q4	102.0	102.8	101.5	100.7	99.9	101.8	99.8	100.0	99.7	100.6	101.0
2017 Q1	101.4	103.3	102.7	101.2	100.5	103.1	99.8	100.9	99.7	102.0	101.5
Q2	101.8	104.5	102.6	100.5	101.0	103.4	100.3	100.5	100.0	103.1	101.9
Q3	102.4	105.2	102.9	99.9	101.3	105.1	100.1	100.5	99.7	103.4	102.3
Q4	102.7	106.6	102.8	99.3	101.3	106.6	100.5	100.4	99.6	101.8	102.6
2018 Q1	103.0	106.5	103.6	99.4	101.7	107.7	100.6	100.5	99.8	101.8	103.0
Q2	104.7	107.8	105.3	99.2	101.8	108.6	100.9	100.9	99.7	101.5	103.6
Q3	105.9	109.4	105.8	98.9	102.0	109.5	101.1	100.8	99.8	101.6	104.1
Q4	106.4	109.8	105.3	98.7	102.6	110.6	101.1	101.0	100.7	101.4	104.6
Percentage change, latest year on previous year											
	L3E4	KI8L	L3EG	L3EU	L3F2	L3F7	L3FW	L3FY	L3G2	L3GT	L3E2
2015	4.5	4.1	4.8	-2.9	3.5	5.1	-1.9	1.7	1.5	2.0	2.7
2016	4.4	3.4	1.5	3.5	0.6	2.9	-1.8	-0.6	1.6	-0.2	1.9
2017	2.1	4.9	2.8	0.2	1.0	4.6	0.2	0.6	-0.3	2.6	2.1
2018	2.9	3.3	2.2	-1.2	1.0	4.3	0.7	0.2	0.3	-1.0	1.7
Percentage change, latest quarter on previous quarter											
2015 Q3	0.5	0.6	0.6	-0.6	0.9	1.0	-0.9	0.5	0.5	0.5	0.5
Q4	0.8	0.6	2.0	2.0	0.2	0.4	-0.2	0.2	0.4	0.9	0.6
2016 Q1	1.8	0.4	-1.2	1.7	0.1	0.1	-0.6	-0.5	0.8	-1.2	0.4
Q2	0.6	0.2	0.1	0.8	-0.5	0.9	-0.6	-0.7	-	-0.2	0.1
Q3	0.9	2.9	0.8	1.8	-0.2	1.0	-	-0.1	-0.1	-	0.8
Q4	1.8	1.8	1.4	-0.4	0.1	1.5	-	0.3	-0.3	0.9	0.8
2017 Q1	-0.6	0.4	1.2	0.5	0.6	1.3	-	0.9	-	1.4	0.5
Q2	0.4	1.2	-0.1	-0.7	0.6	0.3	0.4	-0.4	0.2	1.1	0.4
Q3	0.6	0.7	0.2	-0.6	0.3	1.6	-0.2	-	-0.3	0.3	0.4
Q4	0.3	1.3	-	-0.6	0.1	1.4	0.4	-0.1	-0.1	-1.5	0.3
2018 Q1	0.3	-0.1	0.8	0.1	0.3	1.0	0.1	0.1	0.3	-	0.3
Q2	1.7	1.2	1.6	-0.2	0.1	0.8	0.3	0.4	-0.2	-0.2	0.6
Q3	1.2	1.5	0.5	-0.3	0.2	0.8	0.1	-0.1	0.1	0.1	0.5
Q4	0.5	0.4	-0.5	-0.2	0.6	1.0	-	0.3	0.9	-0.2	0.4
Percentage change, latest quarter on corresponding quarter of the previous year											
	L44S	KI12	L456	L45K	L45Q	L45V	L46M	L46O	L46Q	L47J	L44Q
2015 Q3	4.4	3.8	4.4	-4.0	3.8	4.9	-2.4	1.7	1.7	1.6	2.5
Q4	3.7	2.8	4.8	-2.6	3.4	3.2	-2.6	1.3	1.0	1.9	2.0
2016 Q1	4.5	2.6	1.9	0.2	2.5	3.0	-2.2	0.3	3.2	0.5	2.1
Q2	3.7	1.8	1.5	3.8	0.8	2.5	-2.3	-0.4	1.7	-0.1	1.6
Q3	4.2	4.0	1.7	6.3	-0.4	2.5	-1.4	-1.1	1.1	-0.6	1.9
Q4	5.3	5.3	1.1	3.8	-0.5	3.6	-1.2	-1.1	0.4	-0.6	2.1
2017 Q1	2.8	5.4	3.6	2.6	-	4.7	-0.6	0.4	-0.4	2.0	2.2
Q2	2.6	6.4	3.4	1.1	1.1	4.1	0.5	0.7	-0.1	3.4	2.5
Q3	2.3	4.2	2.8	-1.3	1.6	4.7	0.3	0.8	-0.4	3.7	2.1
Q4	0.7	3.7	1.4	-1.5	1.5	4.7	0.7	0.5	-0.2	1.2	1.6
2018 Q1	1.6	3.1	0.9	-1.8	1.2	4.4	0.7	-0.4	0.1	-0.2	1.4
Q2	2.9	3.2	2.6	-1.3	0.8	5.0	0.6	0.4	-0.3	-1.5	1.7
Q3	3.4	4.0	2.9	-1.0	0.7	4.2	0.9	0.3	0.1	-1.7	1.8
Q4	3.6	3.0	2.4	-0.6	1.3	3.7	0.6	0.6	1.1	-0.4	1.9

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

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

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

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

C1 Gross domestic product: expenditure at current market prices¹

£ million

National expenditure on goods and services at market prices																
Final consumption expenditure										Gross capital formation						
	House- holds	Non- profit instit- utions ²	General govern- ment	Gross fixed capital formation	Of which business investme- nt ³	Change in invent- ories ⁴	Of which alignment adjust- ment	Acquisi- tions less disposals of valuables ⁵	Total	Total exports	Gross final expend- iture	less Total imports	Trade balance ⁶	Statisti- cal discre- pancy (expend- iture)	Gross domestic product at market prices	
	ABJQ	HAYE	NMRP	NPQS	NPEK	CAEX	DMUN	NPJQ	YBIL	IKBH	ABMF	IKBI	IKBJ	GIXM	YBHA	
2015	1 178 915	56 566	361 028	319 432	184 620	7 046	–	–164 1	922 823 519 610	2 442 433 546 594	–26 984	–	–26 984	–	1 895 839	
2016	1 235 247	57 343	367 974	331 442	187 032	8 556	–	–151 2	000 411 556 961	2 557 372 587 848	–30 887	–	–30 887	–	1 969 524	
2017	1 288 984	57 986	375 219	351 293	194 886	1 604	–	359 2	075 445 617 539	2 692 984 641 472	–23 933	–1 883	–23 933	–1 883	2 049 629	
2018	1 341 430	58 248	385 881	358 639	196 373	1 383	–	1 717 2	147 298 629 357 2	776 655 661 677	–32 320	–351	–32 320	–351	2 114 627	
Seasonally adjusted																
2015 Q3	296 059	14 133	91 090	79 035	45 461	2 164	–1 721	–671	481 810 127 895	609 705 134 164	–6 269	–	–6 269	–	475 541	
Q4	299 266	14 166	90 443	80 509	46 409	1 359	–334	–1 676	484 067 130 438	614 505 136 731	–6 293	–	–6 293	–	477 774	
2016 Q1	303 176	14 217	91 626	80 667	45 850	2 046	–84	295	492 027 131 401	623 428 138 102	–6 701	–	–6 701	–	485 326	
Q2	306 925	14 287	91 550	82 434	46 690	1 712	–900	–1 196	495 712 136 044	631 756 142 262	–6 218	–	–6 218	–	489 494	
Q3	310 953	14 371	92 032	83 994	47 583	3 500	1 981	2 620	507 470 138 462	645 932 152 202	–13 740	–	–13 740	–	493 730	
Q4	314 193	14 468	92 766	84 347	46 909	1 298	–997	–1 870	505 202 151 054	656 256 155 282	–4 228	–	–4 228	–	500 974	
2017 Q1	318 968	14 476	93 048	85 579	47 313	2 217	1 089	–588	513 700 151 463	665 163 158 146	–6 683	11	–6 683	11	507 028	
Q2	320 806	14 510	93 403	87 658	48 614	–550	–1 609	210	516 037 153 044	669 081 160 009	–6 965	–203	–6 965	–203	508 869	
Q3	322 838	14 495	93 895	88 394	49 174	563	639	97	520 282 156 229	676 511 161 594	–5 365	–659	–5 365	–659	514 258	
Q4	326 372	14 505	94 873	89 662	49 785	–626	–119	640	525 426 156 803	682 229 161 723	–4 920	–1 032	–4 920	–1 032	519 474	
2018 Q1	330 680	14 544	95 584	89 628	49 519	–4 019	–2 362	314	526 731 156 169	682 900 160 852	–4 683	–286	–4 683	–286	521 762	
Q2	333 718	14 558	95 964	88 959	49 373	–355	–556	1 172	534 016 156 188	690 204 163 967	–7 779	–119	–7 779	–119	526 118	
Q3	336 767	14 556	96 573	90 015	48 968	2 713	1 693	757	541 381 158 021	699 402 167 524	–9 503	–1	–9 503	–1	531 877	
Q4	340 265	14 590	97 760	90 037	48 513	3 044	1 225	–526	545 170 158 979	704 149 169 334	–10 355	55	–10 355	55	534 870	
Percentage change, latest year on previous year																
	KGy7	KGZ8	KH2C	KG6O	KG6N				KGX3	KH2O	KGv7	KH3H			IHYM	
2015	3.2	0.5	1.1	4.5	5.1				2.6	–0.1	2.0	–0.6			2.8	
2016	4.8	1.4	1.9	3.8	1.3				4.0	7.2	4.7	7.5			3.9	
2017	4.4	1.1	2.0	6.0	4.2				3.8	10.9	5.3	9.1			4.1	
2018	4.1	0.5	2.8	2.1	0.8				3.5	1.9	3.1	3.1			3.2	
Percentage change, latest quarter on previous quarter																
	KGy8	KGZ9	KH2D	KG6W	KG6V				KGX4	KH2P	KGv8	KH3I			IHYN	
2015 Q3	0.9	–	1.9	–1.5	–1.9				0.3	–2.4	–0.3	–1.4			0.1	
Q4	1.1	0.2	–0.7	1.9	2.1				0.5	2.0	0.8	1.9			0.5	
2016 Q1	1.3	0.4	1.3	0.2	–1.2				1.6	0.7	1.5	1.0			1.6	
Q2	1.2	0.5	–0.1	2.2	1.8				0.7	3.5	1.3	3.0			0.9	
Q3	1.3	0.6	0.5	1.9	1.9				2.4	1.8	2.2	7.0			0.9	
Q4	1.0	0.7	0.8	0.4	–1.4				–0.4	9.1	1.6	2.0			1.5	
2017 Q1	1.5	0.1	0.3	1.5	0.9				1.7	0.3	1.4	1.8			1.2	
Q2	0.6	0.2	0.4	2.4	2.7				0.5	1.0	0.6	1.2			0.4	
Q3	0.6	–0.1	0.5	0.8	1.2				0.8	2.1	1.1	1.0			1.1	
Q4	1.1	0.1	1.0	1.4	1.2				1.0	0.4	0.8	0.1			1.0	
2018 Q1	1.3	0.3	0.7	–	–0.5				0.2	–0.4	0.1	–0.5			0.4	
Q2	0.9	0.1	0.4	–0.7	–0.3				1.4	–	1.1	1.9			0.8	
Q3	0.9	–	0.6	1.2	–0.8				1.4	1.2	1.3	2.2			1.1	
Q4	1.0	0.2	1.2	–	–0.9				0.7	0.6	0.7	1.1			0.6	
Percentage change, latest quarter on corresponding quarter of previous year																
	KGy9	KH22	KH2E	KG76	KG75				KGX5	KH2Q	KGv9	KH3J			IHYO	
2015 Q3	3.0	0.1	1.1	2.8	3.2				2.0	–0.6	1.4	–1.7			2.3	
Q4	3.6	0.2	0.7	3.4	4.0				2.1	–1.0	1.4	–3.0			2.8	
2016 Q1	4.5	0.6	1.7	1.3	–1.2				3.2	0.9	2.7	–1.1			3.9	
Q2	4.6	1.1	2.4	2.7	0.8				3.2	3.8	3.4	4.6			3.0	
Q3	5.0	1.7	1.0	6.3	4.7				5.3	8.3	5.9	13.4			3.8	
Q4	5.0	2.1	2.6	4.8	1.1				4.4	15.8	6.8	13.6			4.9	
2017 Q1	5.2	1.8	1.6	6.1	3.2				4.4	15.3	6.7	14.5			4.5	
Q2	4.5	1.6	2.0	6.3	4.1				4.1	12.5	5.9	12.5			4.0	
Q3	3.8	0.9	2.0	5.2	3.3				2.5	12.8	4.7	6.2			4.2	
Q4	3.9	0.3	2.3	6.3	6.1				4.0	3.8	4.0	4.1			3.7	
2018 Q1	3.7	0.5	2.7	4.7	4.7				2.5	3.1	2.7	1.7			2.9	
Q2	4.0	0.3	2.7	1.5	1.6				3.5	2.1	3.2	2.5			3.4	
Q3	4.3	0.4	2.9	1.8	–0.4				4.1	1.1	3.4	3.7			3.4	
Q4	4.3	0.6	3.0	0.4	–2.6				3.8	1.4	3.2	4.7			3.0	

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

2 Non-profit institutions serving households.

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

4 Quarterly alignment adjustment included in this series.

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

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

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

Reference year 2016, £ million

National expenditure on goods and services at market prices															
Final consumption expenditure								Gross capital formation							
	Households	Non-profit institutions ²	General government ⁷	Gross fixed capital formation	Of which business investment ³	Change in inventories ⁴	Of which alignment adjustment	Acquisitions less disposals of valuables ⁵	Total	Exports	Gross final expenditure	less imports	Trade balance ⁶	Statistical discrepancy (expenditure)	Gross domestic product at market prices
	ABJR	HAYO	NMRY	NPQT	NPEL	CAFU	DMUM	NPJR	YBIM	IKBK	ABMG	IKBL	IKBM	GIXS	ABMI
2015	1 196 525	56 874	365 223	324 016	187 355	11 146	-1	-360 1	953 172 551 228 2	504 151 569 120	-17 892	-	-	-	1 934 903
2016	1 235 247	57 343	367 974	331 442	187 031	8 556	-	-151 2	000 411 556 961 2	557 372 587 848	-30 887	-	-	-	1 969 524
2017	1 262 271	57 162	367 267	342 917	189 877	-2 377	-	291 2	027 531 588 217 2	615 748 608 487	-20 270	-1 834	-	-	2 005 427
2018	1 285 654	56 377	368 125	342 895	188 199	3 455	-	1 589 2	058 095 589 198 2	647 293 613 330	-24 132	-340	-	-	2 033 623
Seasonally adjusted															
2015 Q3	301 636	14 166	91 806	80 017	45 985	4 199	-1 757	-748	488 607 136 744	625 287 140 793	-4 049	-	-	-	484 552
Q4	301 804	14 195	91 665	81 427	47 023	2 782	-345	-1 803	493 287 139 491	632 757 144 591	-5 100	-	-	-	488 153
2016 Q1	305 101	14 251	92 044	81 415	46 221	1 881	-86	284	495 416 138 252	633 733 143 976	-5 724	-	-	-	489 736
Q2	307 595	14 345	91 959	82 695	46 622	347	-903	-1 264	495 847 139 554	635 416 144 900	-5 346	-	-	-	490 502
Q3	311 268	14 338	91 968	83 909	47 330	1 173	1 977	2 626	506 847 135 108	642 147 149 364	-14 256	-	-	-	492 816
Q4	311 283	14 409	92 003	83 423	46 858	5 155	-988	-1 797	502 301 144 047	646 076 149 608	-5 561	-	-	-	496 470
2017 Q1	313 584	14 351	91 427	84 265	46 762	2 121	1 070	-561	505 187 144 273	649 460 150 889	-6 616	11	-	-	498 582
Q2	314 804	14 334	91 876	85 868	47 365	-784	-1 580	175	506 273 146 067	652 340 152 256	-6 189	-199	-	-	499 885
Q3	316 397	14 248	91 969	86 111	47 779	-1 464	625	96	507 357 148 859	656 216 153 099	-4 240	-644	-	-	502 473
Q4	317 486	14 229	91 995	86 673	47 971	-2 250	-115	581	508 714 149 018	657 732 152 243	-3 225	-1 002	-	-	504 487
2018 Q1	318 820	14 197	92 127	86 151	47 661	-2 572	-2 281	261	508 984 149 022	658 006 152 702	-3 680	-277	-	-	505 027
Q2	320 977	14 109	91 742	85 398	47 443	791	-529	1 060	514 077 146 078	660 155 152 908	-6 830	-115	-	-	507 132
Q3	322 244	14 038	91 488	85 884	46 886	2 502	1 632	659	516 815 146 379	663 194 152 904	-6 525	-1	-	-	510 289
Q4	323 613	14 033	92 768	85 462	46 209	2 734	1 178	-391	518 219 147 719	665 938 154 816	-7 097	53	-	-	511 175
Percentage change, latest year on previous year															
	KGZ5	KH26	KH2I	KG7N	KG7M				KGX9	KH2U	KGW5	KH3N			IHYP
2015	2.7	-0.3	1.4	3.4	3.7				2.7	4.4	3.1	5.5			2.3
2016	3.2	0.8	0.8	2.3	-0.2				2.4	1.0	2.1	3.3			1.8
2017	2.2	-0.3	-0.2	3.5	1.5				1.4	5.6	2.3	3.5			1.8
2018	1.9	-1.4	0.2	-	-0.9				1.5	0.2	1.2	0.8			1.4
Percentage change, latest quarter on previous quarter															
	KGZ6	KH27	KH2J	KG7Q	KG7P				KGY2	KH2V	KGW6	KH3O			IHYQ
2015 Q3	1.3	-0.9	0.6	-2.1	-2.5				0.8	-1.0	0.4	0.3			0.4
Q4	0.1	0.2	-0.2	1.8	2.3				1.0	2.0	1.2	2.7			0.7
2016 Q1	1.1	0.4	0.4	-	-1.7				0.4	-0.9	0.2	-0.4			0.3
Q2	0.8	0.7	-0.1	1.6	0.9				0.1	0.9	0.3	0.6			0.2
Q3	1.2	-	-	1.5	1.5				2.2	-3.2	1.1	3.1			0.5
Q4	-	0.5	-	-0.6	-1.0				-0.9	6.6	0.6	0.2			0.7
2017 Q1	0.7	-0.4	-0.6	1.0	-0.2				0.6	0.2	0.5	0.9			0.4
Q2	0.4	-0.1	0.5	1.9	1.3				0.2	1.2	0.4	0.9			0.3
Q3	0.5	-0.6	0.1	0.3	0.9				0.2	1.9	0.6	0.6			0.5
Q4	0.3	-0.1	-	0.7	0.4				0.3	0.1	0.2	-0.6			0.4
2018 Q1	0.4	-0.2	0.1	-0.6	-0.6				0.1	-	-	0.3			0.1
Q2	0.7	-0.6	-0.4	-0.9	-0.5				1.0	-2.0	0.3	0.1			0.4
Q3	0.4	-0.5	-0.3	0.6	-1.2				0.5	0.2	0.5	-			0.6
Q4	0.4	-	1.4	-0.5	-1.4				0.3	0.9	0.4	1.3			0.2
Percentage change, latest quarter on corresponding quarter of previous year															
	KGZ7	KH28	KH2K	KG7T	KG7S				KGY3	KH2W	KGW7	KH3P			IHYR
2015 Q3	3.0	-0.6	1.6	1.3	1.2				2.2	4.8	2.8	4.9			2.1
Q4	2.8	-0.1	1.8	2.5	2.9				2.2	3.1	2.4	3.0			2.2
2016 Q1	3.3	0.2	1.7	0.8	-2.1				1.9	1.0	1.7	0.4			2.1
Q2	3.3	0.4	0.7	1.1	-1.1				2.3	1.1	2.0	3.2			1.7
Q3	3.2	1.2	0.2	4.9	2.9				3.7	-1.2	2.7	6.1			1.7
Q4	3.1	1.5	0.4	2.5	-0.4				1.8	3.3	2.1	3.5			1.7
2017 Q1	2.8	0.7	-0.7	3.5	1.2				2.0	4.4	2.5	4.8			1.8
Q2	2.3	-0.1	-0.1	3.8	1.6				2.1	4.7	2.7	5.1			1.9
Q3	1.6	-0.6	-	2.6	0.9				0.1	10.2	2.2	2.5			2.0
Q4	2.0	-1.2	-	3.9	2.4				1.3	3.5	1.8	1.8			1.6
2018 Q1	1.7	-1.1	0.8	2.2	1.9				0.8	3.3	1.3	1.2			1.3
Q2	2.0	-1.6	-0.1	-0.5	0.2				1.5	-	1.2	0.4			1.4
Q3	1.8	-1.5	-0.5	-0.3	-1.9				1.9	-1.7	1.1	-0.1			1.6
Q4	1.9	-1.4	0.8	-1.4	-3.7				1.9	-0.9	1.2	1.7			1.3

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

2 Non-profit institutions serving households.

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

4 Quarterly alignment adjustment included in this series.

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

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

7 An error was discovered in the General Government Final Consumption Expenditure CVM figures during quality assurance. The most significant quarterly growth error is in 2005Q2 increasing growth by 2.3%. Figures in current prices in unaffected and the CVM data will be corrected in Blue Book 2019, the next time 2005 data are open to revision.

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 ³	Other income ⁴	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
2015	928 459	346 248	–	50 341	17 280	413 869	322 906	1 665 234	230 605	–	1 895 839
2016	963 406	357 702	–	56 980	17 625	432 307	333 887	1 729 600	239 924	–	1 969 524
2017	1 003 937	369 871	–	61 705	16 660	448 236	338 295	1 790 468	251 970	7 191	2 049 629
2018	1 044 926	..	–	..	..	450 248	353 129	1 848 303	259 205	7 119	2 114 627
Seasonally adjusted											
2015 Q3	234 183	86 323	–1 054	10 294	4 400	101 016	81 855	417 054	58 487	–	475 541
Q4	235 184	83 783	–867	13 693	4 199	101 675	82 382	419 241	58 533	–	477 774
2016 Q1	233 322	92 810	1 912	13 640	3 929	110 376	82 608	426 306	59 020	–	485 326
Q2	240 398	86 104	–1 681	14 358	4 943	105 406	83 888	429 692	59 802	–	489 494
Q3	245 066	84 982	–1 987	15 582	4 428	104 992	83 782	433 840	59 890	–	493 730
Q4	244 620	93 806	1 756	13 400	4 325	111 533	83 609	439 762	61 212	–	500 974
2017 Q1	246 675	94 621	2 574	15 450	3 971	114 042	84 194	444 911	61 030	1 087	507 028
Q2	250 400	89 558	–2 507	15 252	4 752	109 562	84 423	444 385	62 825	1 659	508 869
Q3	252 155	91 917	–689	14 876	4 365	111 158	84 587	447 900	64 252	2 106	514 258
Q4	254 707	93 775	622	16 127	3 572	113 474	85 091	453 272	63 863	2 339	519 474
2018 Q1	257 283	96 152	1 387	13 918	2 712	112 782	86 509	456 574	63 254	1 934	521 762
Q2	259 142	94 533	–1 714	14 690	2 766	111 989	87 688	458 819	65 546	1 753	526 118
Q3	263 013	97 339	608	13 242	2 605	113 186	88 928	465 127	65 065	1 685	531 877
Q4	265 488	..	–281	..	..	112 291	90 004	467 783	65 340	1 747	534 870
Percentage change, latest year on previous year											
	KGI3	KH59		KH5L	KH53	KH4V	KH6T	KH6N	KH65		IHYM
2015	3.2	2.4		–15.2	4.4	–0.1	5.6	2.8	2.8		2.8
2016	3.8	3.3		13.2	2.0	4.5	3.4	3.9	4.0		3.9
2017	4.2	3.4		8.3	–5.5	3.7	1.3	3.5	5.0		4.1
2018	4.1	..		..	..	0.4	4.4	3.2	2.9		3.2
Percentage change, latest quarter on previous quarter											
	KGI4	KH5A		KH5M	KH54	KH4W	KH6U	KH6O	KH66		IHYN
2015 Q3	1.5	–3.7		–15.8	–9.8	–5.3	2.1	–0.1	1.6		0.1
Q4	0.4	–2.9		33.0	–4.6	0.7	0.6	0.5	0.1		0.5
2016 Q1	–0.8	10.8		–0.4	–6.4	8.6	0.3	1.7	0.8		1.6
Q2	3.0	–7.2		5.3	25.8	–4.5	1.5	0.8	1.3		0.9
Q3	1.9	–1.3		8.5	–10.4	–0.4	–0.1	1.0	0.1		0.9
Q4	–0.2	10.4		–14.0	–2.3	6.2	–0.2	1.4	2.2		1.5
2017 Q1	0.8	0.9		15.3	–8.2	2.2	0.7	1.2	–0.3		1.2
Q2	1.5	–5.4		–1.3	19.7	–3.9	0.3	–0.1	2.9		0.4
Q3	0.7	2.6		–2.5	–8.1	1.5	0.2	0.8	2.3		1.1
Q4	1.0	2.0		8.4	–18.2	2.1	0.6	1.2	–0.6		1.0
2018 Q1	1.0	2.5		–13.7	–24.1	–0.6	1.7	0.7	–1.0		0.4
Q2	0.7	–1.7		5.5	2.0	–0.7	1.4	0.5	3.6		0.8
Q3	1.5	3.0		–9.9	–5.8	1.1	1.4	1.4	–0.7		1.1
Q4	0.9	..		..	..	–0.8	1.2	0.6	0.4		0.6
Percentage change, latest quarter on corresponding quarter of previous year											
	KGI5	KH5B		KH5N	KH55	KH4X	KH6V	KH6P	KH67		IHYO
2015 Q3	3.5	–1.8		–24.7	5.0	–4.5	6.6	2.0	4.5		2.3
Q4	3.4	0.3		–10.8	2.9	–1.2	6.1	2.7	2.9		2.8
2016 Q1	2.2	7.3		–3.5	3.3	5.7	5.2	3.7	5.4		3.9
Q2	4.2	–3.9		17.5	1.4	–1.2	4.6	2.9	3.9		3.0
Q3	4.6	–1.6		51.4	0.6	3.9	2.4	4.0	2.4		3.8
Q4	4.0	12.0		–2.1	3.0	9.7	1.5	4.9	4.6		4.9
2017 Q1	5.7	2.0		13.3	1.1	3.3	1.9	4.4	3.4		4.5
Q2	4.2	4.0		6.2	–3.9	3.9	0.6	3.4	5.1		4.0
Q3	2.9	8.2		–4.5	–1.4	5.9	1.0	3.2	7.3		4.2
Q4	4.1	–		20.4	–17.4	1.7	1.8	3.1	4.3		3.7
2018 Q1	4.3	1.6		–9.9	–31.7	–1.1	2.7	2.6	3.6		2.9
Q2	3.5	5.6		–3.7	–41.8	2.2	3.9	3.2	4.3		3.4
Q3	4.3	5.9		–11.0	–40.3	1.8	5.1	3.8	1.3		3.4
Q4	4.2	..		..	..	–1.0	5.8	3.2	2.3		3.0

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

2 Quarterly alignment adjustment included in this series.

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

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

E1 Household final consumption expenditure by purpose

Current prices

£ million

UK NATIONAL ²																
UK DOMESTIC ³																
COICOP ¹	Total	Net tourism	Total	Food & drink	Alcohol & tobacco	Clothing & footwear	Housing	Household goods & services	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous	
	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	
2015	1 178 915	8 142	1 170 773	97 457	41 154	65 039	319 910	54 439	20 161	157 707	22 339	111 116	21 233	110 760	149 458	
2016	1 235 247	13 435	1 221 812	98 813	41 594	66 139	330 257	59 877	22 096	164 073	23 995	119 124	22 543	116 361	156 940	
2017	1 288 984	13 428	1 275 556	104 018	42 633	70 237	340 631	66 300	24 782	168 592	24 804	125 005	22 902	122 683	162 969	
2018	1 341 430	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Seasonally adjusted																
2015 Q3	296 059	1 987	294 072	24 396	10 241	16 506	80 938	13 577	5 065	39 913	5 585	27 963	5 277	27 903	36 708	
Q4	299 266	2 158	297 108	24 560	10 318	16 547	79 978	14 082	5 398	40 328	5 754	28 461	5 555	28 253	37 874	
2016 Q1	303 176	2 748	300 428	24 606	10 309	16 463	81 826	14 454	5 500	40 529	5 877	29 020	5 610	28 330	37 904	
Q2	306 925	3 293	303 632	24 477	10 463	16 218	82 552	14 737	5 458	40 817	5 929	29 647	5 616	28 973	38 745	
Q3	310 953	3 807	307 146	24 864	10 467	16 551	82 394	15 024	5 524	41 230	6 100	30 190	5 665	29 289	39 848	
Q4	314 193	3 587	310 606	24 866	10 355	16 907	83 485	15 662	5 614	41 497	6 089	30 267	5 652	29 769	40 443	
2017 Q1	318 968	3 477	315 491	25 415	10 463	17 212	83 834	15 911	5 896	42 905	6 098	31 045	5 681	30 260	40 771	
Q2	320 806	3 237	317 569	25 861	10 722	17 557	84 850	16 468	6 207	41 190	6 186	31 169	5 710	30 593	41 056	
Q3	322 838	3 250	319 588	26 192	10 691	17 762	85 693	16 892	6 273	41 878	6 269	31 258	5 741	30 895	40 044	
Q4	326 372	3 464	322 908	26 550	10 757	17 706	86 254	17 029	6 406	42 619	6 251	31 533	5 770	30 935	41 098	
2018 Q1	330 680	3 132	327 548	26 753	10 864	17 725	87 215	17 838	6 676	43 206	6 160	31 671	5 799	31 085	42 556	
Q2	333 718	3 430	330 288	26 815	11 081	17 872	87 271	18 280	6 868	43 616	6 170	32 064	5 828	31 236	43 187	
Q3	336 767	3 651	333 116	26 902	11 222	17 933	88 392	18 553	6 938	43 456	6 208	32 565	5 856	31 366	43 725	
Q4	340 265	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, latest year on previous year																
	KG7Y	KG6U	KG9N	KG7F	KG9F	KG7G	KG7H	KG7I	KG7J	KG7K	KG7L	KG7M	KG7N	KG7O	KG7P	KG7Q
2015	3.2	3.1	-0.1	-2.2	5.5	3.9	6.2	6.1	0.9	6.5	4.4	7.5	3.7	2.3		
2016	4.8	4.4	1.4	1.1	1.7	3.2	10.0	9.6	4.0	7.4	7.2	6.2	5.1	5.0		
2017	4.4	4.4	5.3	2.5	6.2	3.1	10.7	12.2	2.8	3.4	4.9	1.6	5.4	3.8		
2018	4.1	..	..	..	..	..	..	..	..	..	..	..	..	..		
Percentage change, quarter on previous quarter																
	KG7Y	KG7U	KG7N	KG7F	KG7G	KG7H	KG7I	KG7J	KG7K	KG7L	KG7M	KG7N	KG7O	KG7P	KG7Q	KG7R
2015 Q3	0.9	0.9	0.2	0.4	1.4	1.3	1.5	2.2	1.6	0.7	1.4	1.1	1.7	-2.0		
Q4	1.1	1.0	0.7	0.8	0.2	-1.2	3.7	6.6	1.0	3.0	1.8	5.3	1.3	3.2		
2016 Q1	1.3	1.1	0.2	-0.1	-0.5	2.3	2.6	1.9	0.5	2.1	2.0	1.0	0.3	0.1		
Q2	1.2	1.1	-0.5	1.5	-1.5	0.9	2.0	-0.8	0.7	0.9	2.2	0.1	2.3	2.2		
Q3	1.3	1.2	1.6	-	2.1	-0.2	1.9	1.2	1.0	2.9	1.8	0.9	1.1	2.8		
Q4	1.0	1.1	-	-1.1	2.2	1.3	4.2	1.6	0.6	-0.2	0.3	-0.2	1.6	1.5		
2017 Q1	1.5	1.6	2.2	1.0	1.8	0.4	1.6	5.0	3.4	0.1	2.6	0.5	1.6	0.8		
Q2	0.6	0.7	1.8	2.5	2.0	1.2	3.5	5.3	-4.0	1.4	0.4	0.5	1.1	0.7		
Q3	0.6	0.6	1.3	-0.3	1.2	1.0	2.6	1.1	1.7	1.3	0.3	0.5	1.0	-2.5		
Q4	1.1	1.0	1.4	0.6	-0.3	0.7	0.8	2.1	1.8	-0.3	0.9	0.5	0.1	2.6		
2018 Q1	1.3	1.4	0.8	1.0	0.1	1.1	4.8	4.2	1.4	-1.5	0.4	0.5	0.5	3.5		
Q2	0.9	0.8	0.2	2.0	0.8	0.1	2.5	2.9	0.9	0.2	1.2	0.5	0.5	1.5		
Q3	0.9	0.9	0.3	1.3	0.3	1.3	1.5	1.0	-0.4	0.6	1.6	0.5	0.4	1.2		
Q4	1.0	..	..	..	..	..	..	..	..	..	..	..	..	..		
Percentage change, quarter on corresponding quarter of previous year																
	KG7Y	KG7U	KG7N	KG7F	KG7G	KG7H	KG7I	KG7J	KG7K	KG7L	KG7M	KG7N	KG7O	KG7P	KG7Q	KG7R
2015 Q3	3.0	2.7	-0.4	-2.6	6.2	4.5	4.5	8.1	0.9	6.3	3.4	6.0	4.4	-1.1		
Q4	3.6	3.5	0.7	-1.3	5.7	3.2	7.5	14.3	2.8	7.8	5.8	9.1	5.2	0.5		
2016 Q1	4.5	4.3	1.8	-0.8	4.8	3.4	7.8	16.0	6.2	7.7	7.1	8.3	4.3	1.3		
Q2	4.6	4.1	0.6	2.5	-0.3	3.4	10.2	10.2	3.9	6.9	7.5	7.5	5.6	3.4		
Q3	5.0	4.4	1.9	2.2	0.3	1.8	10.7	9.1	3.3	9.2	8.0	7.4	5.0	8.6		
Q4	5.0	4.5	1.2	0.4	2.2	4.4	11.2	4.0	2.9	5.8	6.3	1.7	5.4	6.8		
2017 Q1	5.2	5.0	3.3	1.5	4.5	2.5	10.1	7.2	5.9	3.8	7.0	1.3	6.8	7.6		
Q2	4.5	4.6	5.7	2.5	8.3	2.8	11.7	13.7	0.9	4.3	5.1	1.7	5.6	6.0		
Q3	3.8	4.1	5.3	2.1	7.3	4.0	12.4	13.6	1.6	2.8	3.5	1.3	5.5	0.5		
Q4	3.9	4.0	6.8	3.9	4.7	3.3	8.7	14.1	2.7	2.7	4.2	2.1	3.9	1.6		
2018 Q1	3.7	3.8	5.3	3.8	3.0	4.0	12.1	13.2	0.7	1.0	2.0	2.1	2.7	4.4		
Q2	4.0	4.0	3.7	3.3	1.8	2.9	11.0	10.6	5.9	-0.3	2.9	2.1	2.1	5.2		
Q3	4.3	4.2	2.7	5.0	1.0	3.1	9.8	10.6	3.8	-1.0	4.2	2.0	1.5	9.2		
Q4	4.3	..	..	..	..	..	..	..	..	..	..	..	..	..		

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								
COICOP ¹	UK DOMESTIC ³							
	Goods							Services
	Total	Net tourism	Total	Total	Durable goods	Semi- durable goods	Non- durable goods	
					D	SD	ND	S
	ABJQ	ABTF	ZAKV	UTIF	UTIB	UTIR	UTIJ	UTIN
2015	1 178 915	8 142	1 170 773	485 138	112 074	120 697	252 367	685 635
2016	1 235 247	13 435	1 221 812	502 840	124 912	123 496	254 432	718 972
2017	1 288 984	13 428	1 275 556	533 793	134 020	132 597	267 176	741 763
2018	1 341 430	..	..	..	..	..	..	..
Seasonally adjusted								
2015 Q3	296 059	1 987	294 072	122 391	28 402	30 463	63 526	171 681
Q4	299 266	2 158	297 108	122 172	29 152	31 033	61 987	174 936
2016 Q1	303 176	2 748	300 428	124 328	30 621	30 717	62 990	176 100
Q2	306 925	3 293	303 632	124 933	31 070	30 614	63 249	178 699
Q3	310 953	3 807	307 146	125 853	31 442	30 881	63 530	181 293
Q4	314 193	3 587	310 606	127 726	31 779	31 284	64 663	182 880
2017 Q1	318 968	3 477	315 491	131 417	33 500	32 409	65 508	184 074
Q2	320 806	3 237	317 569	132 023	32 663	32 987	66 373	185 546
Q3	322 838	3 250	319 588	134 225	33 817	33 394	67 014	185 363
Q4	326 372	3 464	322 908	136 128	34 040	33 807	68 281	186 780
2018 Q1	330 680	3 132	327 548	138 043	34 789	33 831	69 423	189 505
Q2	333 718	3 430	330 288	138 783	35 209	34 137	69 437	191 505
Q3	336 767	3 651	333 116	139 905	34 944	34 542	70 419	193 211
Q4	340 265	..	..	..	..	..	..	..
Percentage change, latest year on previous year								
	KG Y7		KG6U	KHC9	KHB5	KHH5	KHE5	KHF9
2015	3.2		3.1	1.6	6.5	4.9	-1.8	4.1
2016	4.8		4.4	3.6	11.5	2.3	0.8	4.9
2017	4.4		4.4	6.2	7.3	7.4	5.0	3.2
2018	4.1		..	..	..	..	..	..
Percentage change, quarter on previous quarter								
	KG Y8		KG74	KHD2	KHB6	KHH6	KHE6	KHG2
2015 Q3	0.9		0.9	1.1	2.6	1.8	0.1	0.7
Q4	1.1		1.0	-0.2	2.6	1.9	-2.4	1.9
2016 Q1	1.3		1.1	1.8	5.0	-1.0	1.6	0.7
Q2	1.2		1.1	0.5	1.5	-0.3	0.4	1.5
Q3	1.3		1.2	0.7	1.2	0.9	0.4	1.5
Q4	1.0		1.1	1.5	1.1	1.3	1.8	0.9
2017 Q1	1.5		1.6	2.9	5.4	3.6	1.3	0.7
Q2	0.6		0.7	0.5	-2.5	1.8	1.3	0.8
Q3	0.6		0.6	1.7	3.5	1.2	1.0	-0.1
Q4	1.1		1.0	1.4	0.7	1.2	1.9	0.8
2018 Q1	1.3		1.4	1.4	2.2	0.1	1.7	1.5
Q2	0.9		0.8	0.5	1.2	0.9	-	1.1
Q3	0.9		0.9	0.8	-0.8	1.2	1.4	0.9
Q4	1.0		..	..	..	..	..	..
Percentage change, quarter on corresponding quarter of previous year								
	KG Y9		KG7C	KHD3	KHB7	KHH7	KHE7	KHG3
2015 Q3	3.0		2.7	1.9	7.8	4.4	-1.7	3.3
Q4	3.6		3.5	2.0	8.0	6.8	-2.7	4.7
2016 Q1	4.5		4.3	4.0	14.0	5.0	-0.7	4.5
Q2	4.6		4.1	3.2	12.3	2.3	-0.3	4.8
Q3	5.0		4.4	2.8	10.7	1.4	-	5.6
Q4	5.0		4.5	4.5	9.0	0.8	4.3	4.5
2017 Q1	5.2		5.0	5.7	9.4	5.5	4.0	4.5
Q2	4.5		4.6	5.7	5.1	7.8	4.9	3.8
Q3	3.8		4.1	6.7	7.6	8.1	5.5	2.2
Q4	3.9		4.0	6.6	7.1	8.1	5.6	2.1
2018 Q1	3.7		3.8	5.0	3.8	4.4	6.0	3.0
Q2	4.0		4.0	5.1	7.8	3.5	4.6	3.2
Q3	4.3		4.2	4.2	3.3	3.4	5.1	4.2
Q4	4.3		..	..	..	..	..	..

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 2016, £ 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		
2015	1 196 525	11 989	1 184 499	95 127	42 670	65 136	326 862	54 448	20 217	158 270	22 948	111 773	22 238	113 453	151 587	
2016	1 235 247	13 435	1 221 812	98 813	41 594	66 139	330 257	59 877	22 096	164 073	23 995	119 124	22 543	116 361	156 940	
2017	1 262 271	11 416	1 250 855	101 624	40 872	68 273	334 671	64 344	24 236	164 619	24 376	122 723	22 053	119 092	163 972	
2018	1 285 654	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Seasonally adjusted																
2015 Q3	301 636	3 643	298 001	23 859	10 630	16 520	82 330	13 555	5 059	40 037	5 754	28 167	5 575	28 512	38 059	
Q4	301 804	2 889	298 897	24 151	10 599	16 555	80 968	14 124	5 397	40 331	5 848	28 653	5 627	28 688	37 953	
2016 Q1	305 101	3 191	301 900	24 491	10 425	16 397	82 354	14 412	5 507	40 857	5 956	29 155	5 680	28 603	38 067	
Q2	307 595	3 527	304 074	24 488	10 554	16 277	82 738	14 782	5 473	40 841	5 954	29 637	5 689	29 047	38 618	
Q3	311 268	3 919	307 367	24 930	10 406	16 597	82 078	15 110	5 569	41 383	6 049	30 070	5 691	29 191	40 286	
Q4	311 283	2 798	308 471	24 904	10 209	16 868	83 087	15 573	5 547	40 992	6 036	30 262	5 483	29 520	39 969	
2017 Q1	313 584	2 778	310 806	25 178	10 205	16 952	82 905	15 632	5 822	41 860	6 033	30 648	5 512	29 482	40 577	
Q2	314 804	2 789	312 015	25 343	10 306	17 071	83 549	16 067	6 073	40 354	6 114	30 648	5 539	29 809	41 142	
Q3	316 397	2 830	313 567	25 531	10 193	17 121	83 972	16 228	6 128	41 181	6 122	30 645	5 556	29 944	40 946	
Q4	317 486	3 019	314 467	25 572	10 168	17 129	84 245	16 417	6 213	41 224	6 107	30 782	5 446	29 857	41 307	
2018 Q1	318 820	2 623	316 197	25 679	10 092	17 049	84 855	17 021	6 460	41 187	6 079	30 750	5 473	29 679	41 873	
Q2	320 977	3 096	317 881	25 719	10 262	17 260	84 613	17 404	6 603	41 493	6 051	30 963	5 500	29 691	42 322	
Q3	322 244	3 351	318 893	25 701	10 318	17 426	85 122	17 705	6 653	40 852	5 997	31 237	5 508	29 544	42 831	
Q4	323 613	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, latest year on previous year																
	KGZ5	KG7O	KG9Y	KGf6	KGg4	KGh2	KGh8	KGi9	KGj7	KGk5	KGl3	KGb8	KGd4	KGe8		
2015	2.7	2.3	2.5	-3.1	5.2	1.4	6.2	4.2	2.8	5.1	5.1	-1.1	1.2	0.7		
2016	3.2	3.2	3.9	-2.5	1.5	1.0	10.0	9.3	3.7	4.6	6.6	1.4	2.6	3.5		
2017	2.2	2.4	2.8	-1.7	3.2	1.3	7.5	9.7	0.3	1.6	3.0	-2.2	2.3	4.5		
2018	1.9	..	..	..	..	..	..	..	..	..	..	..	..	..		
Percentage change, quarter on previous quarter																
	KGZ6	KG7R	KGA3	KGf7	KGg5	KGh3	KGh9	KGj2	KGj8	KGk6	KGl4	KGb9	KGd5	KGe9		
2015 Q3	1.3	1.0	0.8	-0.2	1.6	0.5	1.0	1.6	1.6	0.6	1.3	0.6	1.2	1.0		
Q4	0.1	0.3	1.2	-0.3	0.2	-1.7	4.2	6.7	0.7	1.6	1.7	0.9	0.6	-0.3		
2016 Q1	1.1	1.0	1.4	-1.6	-1.0	1.7	2.0	2.0	1.3	1.8	1.8	0.9	-0.3	0.3		
Q2	0.8	0.7	-	1.2	-0.7	0.5	2.6	-0.6	-	-	1.7	0.2	1.6	1.4		
Q3	1.2	1.1	1.8	-1.4	2.0	-0.8	2.2	1.8	1.3	1.6	1.5	-	0.5	4.3		
Q4	-	0.4	-0.1	-1.9	1.6	1.2	3.1	-0.4	-0.9	-0.2	0.6	-3.7	1.1	-0.8		
2017 Q1	0.7	0.8	1.1	-	0.5	-0.2	0.4	5.0	2.1	-	1.3	0.5	-0.1	1.5		
Q2	0.4	0.4	0.7	1.0	0.7	0.8	2.8	4.3	-3.6	1.3	-	0.5	1.1	1.4		
Q3	0.5	0.5	0.7	-1.1	0.3	0.5	1.0	0.9	2.0	0.1	-	0.3	0.5	-0.5		
Q4	0.3	0.3	0.2	-0.2	-	0.3	1.2	1.4	0.1	-0.2	0.4	-2.0	-0.3	0.9		
2018 Q1	0.4	0.6	0.4	-0.7	-0.5	0.7	3.7	4.0	-0.1	-0.5	-0.1	0.5	-0.6	1.4		
Q2	0.7	0.5	0.2	1.7	1.2	-0.3	2.3	2.2	0.7	-0.5	0.7	0.5	-	1.1		
Q3	0.4	0.3	-0.1	0.5	1.0	0.6	1.7	0.8	-1.5	-0.9	0.9	0.1	-0.5	1.2		
Q4	0.4	..	..	..	..	..	..	..	..	..	..	..	..	..		
Percentage change, quarter on corresponding quarter of previous year																
	KGZ7	KG7U	KGA6	KGf8	KGg6	KGh4	KGi2	KGj3	KGj9	KGk7	KGl5	KGc2	KGd6	KGf2		
2015 Q3	3.0	2.2	2.2	-3.5	5.6	2.0	4.8	5.9	3.4	4.9	4.7	-3.4	2.1	-1.4		
Q4	2.8	2.6	3.4	-2.1	5.4	0.5	7.1	12.8	3.2	5.1	6.4	4.2	2.9	-0.5		
2016 Q1	3.3	3.2	4.4	-3.4	3.8	0.8	8.0	15.2	6.2	5.8	7.4	3.4	1.9	0.5		
Q2	3.3	3.0	3.5	-0.9	0.1	1.0	10.1	9.9	3.6	4.1	6.6	2.7	3.1	2.5		
Q3	3.2	3.1	4.5	-2.1	0.5	-0.3	11.5	10.1	3.4	5.1	6.8	2.1	2.4	5.9		
Q4	3.1	3.2	3.1	-3.7	1.9	2.6	10.3	2.8	1.6	3.2	5.6	-2.6	2.9	5.3		
2017 Q1	2.8	2.9	2.8	-2.1	3.4	0.7	8.5	5.7	2.5	1.3	5.1	-3.0	3.1	6.6		
Q2	2.3	2.6	3.5	-2.3	4.9	1.0	8.7	11.0	-1.2	2.7	3.4	-2.6	2.6	6.5		
Q3	1.6	2.0	2.4	-2.0	3.2	2.3	7.4	10.0	-0.5	1.2	1.9	-2.4	2.6	1.6		
Q4	2.0	1.9	2.7	-0.4	1.5	1.4	5.4	12.0	0.6	1.2	1.7	-0.7	1.1	3.3		
2018 Q1	1.7	1.7	2.0	-1.1	0.6	2.4	8.9	11.0	-1.6	0.8	0.3	-0.7	0.7	3.2		
Q2	2.0	1.9	1.5	-0.4	1.1	1.3	8.3	8.7	2.8	-1.0	1.0	-0.7	-0.4	2.9		
Q3	1.8	1.7	0.7	1.2	1.8	1.4	9.1	8.6	-0.8	-2.0	1.9	-0.9	-1.3	4.6		
Q4	1.9	..	..	..	..	..	..	..	..	..	..	..	..	..		

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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

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

Reference year 2016, £ million

UK NATIONAL ²								
UK DOMESTIC ³								
COICOP ¹	Total	Net tourism	Total	Goods				
				Total	Durable goods	Semi- durable goods	Non- durable goods	Services
					D	SD	ND	S
	ABJR	ABTH	ZAKW	UTIH	UTID	UTIT	UTIL	UTIP
2015	1 196 525	11 989	1 184 499	482 224	112 256	120 349	249 537	702 436
2016	1 235 247	13 435	1 221 812	502 840	124 912	123 496	254 432	718 972
2017	1 262 271	11 416	1 250 855	519 488	130 334	129 739	259 415	731 367
2018	1 285 654	..	..	..	..	..	..	..
Seasonally adjusted								
2015 Q3	301 636	3 643	298 001	121 689	28 450	30 388	62 833	176 325
Q4	301 804	2 889	298 897	121 955	29 087	30 881	61 990	176 974
2016 Q1	305 101	3 191	301 900	124 271	30 355	30 579	63 334	177 633
Q2	307 595	3 527	304 074	125 108	31 045	30 638	63 420	178 972
Q3	311 268	3 919	307 367	126 036	31 612	30 982	63 444	181 345
Q4	311 283	2 798	308 471	127 425	31 900	31 297	64 234	181 022
2017 Q1	313 584	2 778	310 806	128 978	32 958	31 957	64 063	181 828
Q2	314 804	2 789	312 015	128 931	31 748	32 410	64 773	183 084
Q3	316 397	2 830	313 567	130 217	32 646	32 541	65 030	183 350
Q4	317 486	3 019	314 467	131 362	32 982	32 831	65 549	183 105
2018 Q1	318 820	2 623	316 197	132 052	33 363	32 759	65 930	184 145
Q2	320 977	3 096	317 881	132 680	33 849	33 091	65 740	185 201
Q3	322 244	3 351	318 893	132 887	33 590	33 370	65 927	186 006
Q4	323 613	..	..	..	..	..	..	..
Percentage change, year on previous year								
	KGZ5		KG7O	KHD7	KHC3	KHI3	KHF3	KHG7
2015	2.7		2.3	3.7	8.2	5.1	1.2	1.2
2016	3.2		3.2	4.3	11.3	2.6	2.0	2.4
2017	2.2		2.4	3.3	4.3	5.1	2.0	1.7
2018	1.9		..	..	..	..	..	..
Percentage change, quarter on previous quarter								
	KGZ6		KG7R	KHD8	KHC4	KHI4	KHF4	KHG8
2015 Q3	1.3		1.0	1.3	2.2	1.7	0.7	0.7
Q4	0.1		0.3	0.2	2.2	1.6	-1.3	0.4
2016 Q1	1.1		1.0	1.9	4.4	-1.0	2.2	0.4
Q2	0.8		0.7	0.7	2.3	0.2	0.1	0.8
Q3	1.2		1.1	0.7	1.8	1.1	-	1.3
Q4	-		0.4	1.1	0.9	1.0	1.2	-0.2
2017 Q1	0.7		0.8	1.2	3.3	2.1	-0.3	0.4
Q2	0.4		0.4	-	-3.7	1.4	1.1	0.7
Q3	0.5		0.5	1.0	2.8	0.4	0.4	0.1
Q4	0.3		0.3	0.9	1.0	0.9	0.8	-0.1
2018 Q1	0.4		0.6	0.5	1.2	-0.2	0.6	0.6
Q2	0.7		0.5	0.5	1.5	1.0	-0.3	0.6
Q3	0.4		0.3	0.2	-0.8	0.8	0.3	0.4
Q4	0.4		..	..	..	..	..	..
Percentage change, quarter on corresponding quarter of previous year								
	KGZ7		KG7U	KHD9	KHC5	KHI5	KHF5	KHG9
2015 Q3	3.0		2.2	4.0	9.2	4.9	1.5	0.8
Q4	2.8		2.6	3.7	8.4	6.8	0.3	1.8
2016 Q1	3.3		3.2	4.9	12.9	4.7	1.6	2.0
Q2	3.3		3.0	4.2	11.6	2.5	1.7	2.2
Q3	3.2		3.1	3.6	11.1	2.0	1.0	2.8
Q4	3.1		3.2	4.5	9.7	1.3	3.6	2.3
2017 Q1	2.8		2.9	3.8	8.6	4.5	1.2	2.4
Q2	2.3		2.6	3.1	2.3	5.8	2.1	2.3
Q3	1.6		2.0	3.3	3.3	5.0	2.5	1.1
Q4	2.0		1.9	3.1	3.4	4.9	2.0	1.2
2018 Q1	1.7		1.7	2.4	1.2	2.5	2.9	1.3
Q2	2.0		1.9	2.9	6.6	2.1	1.5	1.2
Q3	1.8		1.7	2.1	2.9	2.5	1.4	1.4
Q4	1.9		..	..	..	..	..	..

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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

F1 Gross fixed capital formation by sector and type of asset

Current prices

£ million

	Analysis by sector								Analysis by asset						Total
	Business investment ¹	General government	Public corporations ²		Private Sector		Total	Transport equipment	ICT equipment and other machinery and equipment ³	Dwellings ⁴	Other buildings and structures ⁵	Intellectual Property Products			
			Dwellings ⁴	non-produced assets	Dwellings ⁴	non-produced assets									
													Costs of transfer of ownership of	Costs of transfer of ownership of	
2015	NPEK	RPZG	L62R	L62S	L62T	L62U	NPQS	TLPX	TLPW	GGAE	EQED	TLPK	NPQS		
2016	184 620	50 998	8 128	687	59 817	15 181	319 432	22 382	62 290	67 946	107 618	59 195	319 432		
2017	187 032	52 100	8 403	726	66 169	17 013	331 442	25 856	61 628	74 573	108 718	60 669	331 442		
2017	194 886	55 093	8 412	773	73 987	18 142	351 293	22 768	66 065	82 400	117 206	62 854	351 293		
2018	196 373	56 683	4 785	762	81 893	18 143	358 639	19 791	65 020	86 678	121 335	65 815	358 639		
Seasonally adjusted															
2015 Q3	45 461	12 360	2 055	177	15 047	3 934	79 035	4 866	15 397	17 103	26 769	14 901	79 035		
Q4	46 409	12 294	1 989	176	15 533	4 109	80 509	5 351	15 870	17 521	26 897	14 868	80 509		
2016 Q1	45 850	12 128	2 046	150	15 969	4 525	80 667	6 286	14 902	18 015	26 514	14 950	80 667		
Q2	46 690	13 111	2 104	229	16 209	4 091	82 434	6 347	15 804	18 313	26 820	15 150	82 434		
Q3	47 583	13 460	2 115	168	16 623	4 045	83 994	7 169	15 346	18 738	27 534	15 208	83 994		
Q4	46 909	13 401	2 138	179	17 368	4 352	84 347	6 054	15 576	19 507	27 850	15 361	84 347		
2017 Q1	47 313	13 404	2 169	165	18 017	4 511	85 579	5 862	15 446	20 203	28 938	15 130	85 579		
Q2	48 614	13 995	2 317	223	18 050	4 459	87 658	6 119	16 666	20 346	29 009	15 518	87 658		
Q3	49 174	13 793	2 164	195	18 453	4 615	88 394	5 650	16 658	20 591	29 594	15 901	88 394		
Q4	49 785	13 901	1 762	190	19 467	4 557	89 662	5 137	17 295	21 260	29 665	16 305	89 662		
2018 Q1	49 519	14 002	1 530	172	19 896	4 509	89 628	5 709	16 573	21 425	29 517	16 404	89 628		
Q2	49 373	13 491	1 046	210	20 486	4 353	88 959	5 083	16 185	21 532	29 632	16 527	88 959		
Q3	48 968	14 433	1 112	191	20 833	4 478	90 015	4 597	16 334	21 945	30 685	16 454	90 015		
Q4	48 513	14 757	1 097	189	20 678	4 803	90 037	4 402	15 928	21 776	31 501	16 430	90 037		
Percentage change, latest year on previous year															
	KG6N	KH7N	L64E	L64H	L64K	L64N	KG6O	KG6T	KG6S	KH7X	KH7W	KG6R	KG6O		
2015	5.1	0.4	-2.0	4.7	8.1	0.8	4.5	36.1	-0.3	6.8	4.9	-2.3	4.5		
2016	1.3	2.2	3.4	5.7	10.6	12.1	3.8	15.5	-1.1	9.8	1.0	2.5	3.8		
2017	4.2	5.7	0.1	6.5	11.8	6.6	6.0	-11.9	7.2	10.5	7.8	3.6	6.0		
2018	0.8	2.9	-43.1	-1.4	10.7	-	2.1	-13.1	-1.6	5.2	3.5	4.7	2.1		
Percentage change, latest quarter on previous quarter															
	KG6V	KH7P	L64F	L64I	L64L	L64O	KG6W	KG73	KG72	KH83	KH82	KG6Z	KG6W		
2015 Q3	-1.9	-4.9	9.3	14.2	-0.7	4.6	-1.5	-11.3	-1.7	0.4	-1.1	-0.9	-1.5		
Q4	2.1	-0.5	-3.2	-0.6	3.2	4.4	1.9	10.0	3.1	2.4	0.5	-0.2	1.9		
2016 Q1	-1.2	-1.4	2.9	-14.8	2.8	10.1	0.2	17.5	-6.1	2.8	-1.4	0.6	0.2		
Q2	1.8	8.1	2.8	52.7	1.5	-9.6	2.2	1.0	6.1	1.7	1.2	1.3	2.2		
Q3	1.9	2.7	0.5	-26.6	2.6	-1.1	1.9	13.0	-2.9	2.3	2.7	0.4	1.9		
Q4	-1.4	-0.4	1.1	6.5	4.5	7.6	0.4	-15.6	1.5	4.1	1.1	1.0	0.4		
2017 Q1	0.9	-	1.4	-7.8	3.7	3.7	1.5	-3.2	-0.8	3.6	3.9	-1.5	1.5		
Q2	2.7	4.4	6.8	35.2	0.2	-1.2	2.4	4.4	7.9	0.7	0.2	2.6	2.4		
Q3	1.2	-1.4	-6.6	-12.6	2.2	3.5	0.8	-7.7	-	1.2	2.0	2.5	0.8		
Q4	1.2	0.8	-18.6	-2.6	5.5	-1.3	1.4	-9.1	3.8	3.2	0.2	2.5	1.4		
2018 Q1	-0.5	0.7	-13.2	-9.5	2.2	-1.1	-	11.1	-4.2	0.8	-0.5	0.6	-		
Q2	-0.3	-3.6	-31.6	22.1	3.0	-3.5	-0.7	-11.0	-2.3	0.5	0.4	0.7	-0.7		
Q3	-0.8	7.0	6.3	-9.0	1.7	2.9	1.2	-9.6	0.9	1.9	3.6	-0.4	1.2		
Q4	-0.9	2.2	-1.3	-1.0	-0.7	7.3	-	-4.2	-2.5	-0.8	2.7	-0.1	-		
Percentage change, latest quarter on corresponding quarter of previous year															
	KG75	KH7R	L64G	L64J	L64M	L64P	KG76	KG7B	KG7A	KH87	KH86	KG79	KG76		
2015 Q3	3.2	-0.8	-5.4	4.1	6.6	0.5	2.8	11.6	-2.8	5.0	5.2	-0.3	2.8		
Q4	4.0	-5.5	-10.2	5.4	10.6	9.6	3.4	25.2	-0.3	7.8	3.2	-3.0	3.4		
2016 Q1	-1.2	-9.1	-7.2	-16.2	13.4	34.0	1.3	-5.8	-3.0	10.6	-1.4	3.8	1.3		
Q2	0.8	0.8	11.9	47.7	7.0	8.8	2.7	15.6	0.9	7.5	-0.9	0.8	2.7		
Q3	4.7	8.9	2.9	-5.1	10.5	2.8	6.3	47.3	-0.3	9.6	2.9	2.1	6.3		
Q4	1.1	9.0	7.5	1.7	11.8	5.9	4.8	13.1	-1.9	11.3	3.5	3.3	4.8		
2017 Q1	3.2	10.5	6.0	10.0	12.8	-0.3	6.1	-6.7	3.7	12.1	9.1	1.2	6.1		
Q2	4.1	6.7	10.1	-2.6	11.4	9.0	6.3	-3.6	5.5	11.1	8.2	2.4	6.3		
Q3	3.3	2.5	2.3	16.1	11.0	14.1	5.2	-21.2	8.5	9.9	7.5	4.6	5.2		
Q4	6.1	3.7	-17.6	6.1	12.1	4.7	6.3	-15.1	11.0	9.0	6.5	6.1	6.3		
2018 Q1	4.7	4.5	-29.5	4.2	10.4	-	4.7	-2.6	7.3	6.0	2.0	8.4	4.7		
Q2	1.6	-3.6	-54.9	-5.8	13.5	-2.4	1.5	-16.9	-2.9	5.8	2.1	6.5	1.5		
Q3	-0.4	4.6	-48.6	-2.1	12.9	-3.0	1.8	-18.6	-1.9	6.6	3.7	3.5	1.8		
Q4	-2.6	6.2	-37.7	-0.5	6.2	5.4	0.4	-14.3	-7.9	2.4	6.2	0.8	0.4		

1 Not including expenditure on dwellings, land and existing buildings and costs associated with the transfer of ownership of non-produced assets.

2 Remaining investment by public non-financial corporations included within business investment.

3 Includes cultivated biological resources (AN.115) and weapons (AN.114).

4 Includes new dwellings and improvements to dwellings.

5 Including costs associated with the transfer of ownership of buildings, dwellings and non-produced assets.

Gross fixed capital formation by sector and type of asset

Chained volume measures

Reference year 2016, £ million

	Analysis by sector							Analysis by asset					
	Public corporations ²				Private Sector								
	Business investment ¹	General government	Dwellings ⁴	Costs of transfer of ownership of non-produced assets	Dwellings ⁴	Costs of transfer of ownership of non-produced assets	Total	Transport equipment	ICT equipment and other machinery and equipment ³	Dwellings ⁴	Other buildings and structures ⁵	Intellectual Property Products	Total
2015	NPEL	DLWF	L634	L635	L636	L637	NPQT	DLWL	DLWO	DFEG	DLWT	EQDO	NPQT
2015	187 355	51 660	8 241	694	60 677	15 347	324 016	21 785	64 208	68 917	109 223	60 130	324 016
2016	187 031	52 100	8 404	726	66 170	17 013	331 442	25 854	61 628	74 572	108 718	60 669	331 442
2017	189 877	54 029	8 202	767	72 053	17 990	342 917	23 250	61 854	80 255	115 143	62 415	342 917
2018	188 199	54 322	4 527	738	77 502	17 607	342 895	19 187	61 230	82 030	116 058	64 390	342 895

Seasonally adjusted

2015	Q3	45 985	12 562	2 080	178	15 235	3 966	80 017	4 770	15 768	17 315	27 144	15 112	80 017
	Q4	47 023	12 390	2 008	177	15 687	4 140	81 427	5 185	16 444	17 694	27 135	15 063	81 427
2016	Q1	46 221	12 243	2 062	150	16 191	4 543	81 415	6 230	15 135	18 253	26 771	15 042	81 415
	Q2	46 622	13 277	2 110	229	16 369	4 095	82 695	6 272	15 744	18 478	27 040	15 176	82 695
	Q3	47 330	13 605	2 109	168	16 674	4 024	83 909	7 151	15 167	18 783	27 600	15 174	83 909
	Q4	46 858	12 975	2 123	179	16 936	4 351	83 423	6 201	15 582	19 058	27 307	15 277	83 423
2017	Q1	46 762	12 921	2 161	165	17 733	4 524	84 265	6 171	14 807	19 774	28 415	15 098	84 265
	Q2	47 365	13 892	2 267	222	17 673	4 449	85 868	6 280	15 616	19 890	28 675	15 407	85 868
	Q3	47 779	13 631	2 078	193	17 889	4 541	86 111	5 719	15 535	20 057	29 038	15 762	86 111
	Q4	47 971	13 585	1 696	187	18 758	4 476	86 673	5 080	15 896	20 534	29 015	16 148	86 673
2018	Q1	47 661	13 381	1 462	165	19 061	4 421	86 151	5 543	15 412	20 524	28 553	16 119	86 151
	Q2	47 443	13 059	993	205	19 471	4 227	85 398	4 932	15 433	20 464	28 452	16 117	85 398
	Q3	46 886	13 848	1 045	186	19 589	4 330	85 884	4 481	15 370	20 634	29 338	16 061	85 884
	Q4	46 209	14 034	1 027	182	19 381	4 629	85 462	4 231	15 015	20 408	29 715	16 093	85 462

Percentage change, latest year on previous year

	KG7M	KH92	L64T	L64W	L654	L64Z	KG7N	KH95	KH96	KH8Y	KH97	KH98	KG7N
2015	3.7	-0.7	-2.2	3.4	7.8	-0.4	3.4	37.1	-3.8	6.5	4.2	-3.1	3.4
2016	-0.2	0.9	2.0	4.6	9.1	10.9	2.3	18.7	-4.0	8.2	-0.5	0.9	2.3
2017	1.5	3.7	-2.4	5.6	8.9	5.7	3.5	-10.1	0.4	7.6	5.9	2.9	3.5
2018	-0.9	0.5	-44.8	-3.8	7.6	-2.1	-	-17.5	-1.0	2.2	0.8	3.2	-

Percentage change, latest quarter on previous quarter

	KG7P	KH9C	L64U	L64X	L655	L652	KG7Q	KH9F	KH9G	KH9A	KH9H	KH9I	KG7Q
2015 Q3	-2.5	-5.5	8.8	13.4	-1.2	4.0	-2.1	-12.9	-1.9	-0.1	-1.9	-1.1	-2.1
Q4	2.3	-1.4	-3.5	-0.6	3.0	4.4	1.8	8.7	4.3	2.2	-	-0.3	1.8
2016 Q1	-1.7	-1.2	2.7	-15.3	3.2	9.7	-	20.2	-8.0	3.2	-1.3	-0.1	-
Q2	0.9	8.4	2.3	52.7	1.1	-9.9	1.6	0.7	4.0	1.2	1.0	0.9	1.6
Q3	1.5	2.5	-	-26.6	1.9	-1.7	1.5	14.0	-3.7	1.7	2.1	-	1.5
Q4	-1.0	-4.6	0.7	6.5	1.6	8.1	-0.6	-13.3	2.7	1.5	-1.1	0.7	-0.6
2017 Q1	-0.2	-0.4	1.8	-7.8	4.7	4.0	1.0	-0.5	-5.0	3.8	4.1	-1.2	1.0
Q2	1.3	7.5	4.9	34.5	-0.3	-1.7	1.9	1.8	5.5	0.6	0.9	2.0	1.9
Q3	0.9	-1.9	-8.3	-13.1	1.2	2.1	0.3	-8.9	-0.5	0.8	1.3	2.3	0.3
Q4	0.4	-0.3	-18.4	-3.1	4.9	-1.4	0.7	-11.2	2.3	2.4	-0.1	2.4	0.7
2018 Q1	-0.6	-1.5	-13.8	-11.8	1.6	-1.2	-0.6	9.1	-3.0	-	-1.6	-0.2	-0.6
Q2	-0.5	-2.4	-32.1	24.2	2.2	-4.4	-0.9	-11.0	0.1	-0.3	-0.4	-	-0.9
Q3	-1.2	6.0	5.2	-9.3	0.6	2.4	0.6	-9.1	-0.4	0.8	3.1	-0.3	0.6
Q4	-1.4	1.3	-1.7	-2.2	-1.1	6.9	-0.5	-5.6	-2.3	-1.1	1.3	0.2	-0.5

Percentage change, latest quarter on corresponding quarter of previous year

	KG7S	KH9M	L64V	L64Y	L656	L653	KG7T	KH9P	KH9Q	KH9K	KH9R	KH9S	KG7T
2015 Q3	1.2	-1.8	-5.8	2.9	6.2	-0.9	1.3	12.3	-7.2	4.6	4.3	-1.4	1.3
	2.9	-6.2	-10.6	3.5	10.0	8.3	2.5	22.8	-1.1	7.1	2.3	-4.0	2.5
2016 Q1	-2.1	-8.7	-8.0	-17.6	13.0	32.5	0.8	-2.0	-4.9	10.1	-1.8	2.5	0.8
	Q2	-1.1	-0.2	10.4	45.9	6.1	7.4	1.1	14.6	-2.1	6.6	-2.3	-0.6
	Q3	2.9	8.3	1.4	-5.6	9.4	1.5	4.9	49.9	-3.8	8.5	1.7	0.4
	Q4	-0.4	4.7	5.7	1.1	8.0	5.1	2.5	19.6	-5.2	7.7	0.6	1.4
2017 Q1	1.2	5.5	4.8	10.0	9.5	-0.4	3.5	-0.9	-2.2	8.3	6.1	0.4	3.5
	Q2	1.6	4.6	7.4	-3.1	8.0	8.6	3.8	0.1	-0.8	7.6	6.0	1.5
	Q3	0.9	0.2	-1.5	14.9	7.3	12.8	2.6	-20.0	2.4	6.8	5.2	3.9
	Q4	2.4	4.7	-20.1	4.5	10.8	2.9	3.9	-18.1	2.0	7.7	6.3	5.7
2018 Q1	1.9	3.6	-32.3	-	7.5	-2.3	2.2	-10.2	4.1	3.8	0.5	6.8	2.2
	Q2	0.2	-6.0	-56.2	-7.7	10.2	-5.0	-0.5	-21.5	-1.2	2.9	-0.8	4.6
	Q3	-1.9	1.6	-49.7	-3.6	9.5	-4.6	-0.3	-21.6	-1.1	2.9	1.0	1.9
	Q4	-3.7	3.3	-39.4	-2.7	3.3	3.4	-1.4	-16.7	-5.5	-0.6	2.4	-0.3

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 cultivated biological resources (AN.115) and weapons (AN.114)

4 Includes new dwellings and improvements to dwellings.

5 Including costs associated with the transfer of ownership of buildings, dwellings and non-produced assets.

G Changes in inventories Chained volume measures¹

Reference year 2016, £ million

	Mining and quarrying	Manufacturing industries				Electricity, gas and water supply	Distributive trades		Other industries ³	Changes in inventories ³
		Materials and fuel	Work in progress	Finished goods	Total		Wholesale ²	Retail ²		
Level of inventories held at end-December⁴ 2016	2 407	19 622	18 556	19 987	58 165	4 132	40 109	40 091	83 397	228 301
2015	FAEA 1 510	FBNF 1 581	FBNG 705	FBNH 815	DHBM 3 101	FAEB -446	FAJX 3 496	FBYN 2 556	DLWX 1 317	CAFU 11 146
2016	-68	-1 071	732	-75	-414	109	483	-915	9 361	8 556
2017	-591	89	1 441	1 425	2 955	-59	-1 275	-1 435	-1 972	-2 377
2018	-127	-344	-530	62	-812	320	4 878	-1 609	805	3 455
Seasonally adjusted										
2015 Q3	884	-13	544	-62	468	-144	1 957	673	487	4 199
Q4	491	8	48	-572	-516	225	914	-935	2 715	2 782
2016 Q1	277	-189	86	82	-22	66	1 015	-765	1 373	1 881
Q2	-149	-528	-237	-418	-1 182	-103	71	87	1 479	347
Q3	272	-52	-22	137	62	-206	-489	-1 103	2 805	1 173
Q4	-468	-302	905	124	728	352	-114	866	3 704	5 155
2017 Q1	345	926	565	-382	1 109	452	-258	-758	1 231	2 121
Q2	701	-520	638	557	675	-462	113	-206	-1 605	-784
Q3	-828	-207	545	614	952	-8	-1 674	134	-40	-1 464
Q4	-809	-110	-307	636	219	-41	544	-605	-1 558	-2 250
2018 Q1	-151	389	-255	340	474	-246	3 036	418	-6 103	-2 572
Q2	-573	-416	-287	-89	-792	-112	-610	-749	3 627	791
Q3	-198	-91	-132	-309	-532	-95	768	-853	3 412	2 502
Q4	795	-226	144	120	38	773	1 684	-425	-131	2 734

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

2 Wholesaling and retailing estimates exclude the motor trades.

3 Quarterly alignment adjustment included in this series

4 These are values of physical stock levels in reference year (2016) prices.

H1 Exports and imports of goods and services

Current market prices

£ million

	Exports			Imports			Balance		
	Goods	Services	Total	Goods	Services	Total	Goods	Services	Total ¹
	BOKG	IKBB	IKBH	BOKH	IKBC	IKBI	BOKI	IKBD	IKBJ
2015	286 752	232 858	519 610	404 562	142 032	546 594	-117 810	90 826	-26 984
2016	299 073	257 888	556 961	431 725	156 123	587 848	-132 652	101 765	-30 887
2017	338 739	278 800	617 539	475 774	165 698	641 472	-137 035	113 102	-23 933
2018	349 989	279 368	629 357	488 783	172 894	661 677	-138 794	106 474	-32 320
Seasonally adjusted									
2015 Q3	70 559	57 336	127 895	98 591	35 573	134 164	-28 032	21 763	-6 269
Q4	70 804	59 634	130 438	100 274	36 457	136 731	-29 470	23 177	-6 293
2016 Q1	70 403	60 998	131 401	101 443	36 659	138 102	-31 040	24 339	-6 701
Q2	73 778	62 266	136 044	104 321	37 941	142 262	-30 543	24 325	-6 218
Q3	74 148	64 314	138 462	112 681	39 521	152 202	-38 533	24 793	-13 740
Q4	80 744	70 310	151 054	113 280	42 002	155 282	-32 536	28 308	-4 228
2017 Q1	83 015	68 448	151 463	117 141	41 005	158 146	-34 126	27 443	-6 683
Q2	84 136	68 908	153 044	118 563	41 446	160 009	-34 427	27 462	-6 965
Q3	86 140	70 089	156 229	120 002	41 592	161 594	-33 862	28 497	-5 365
Q4	85 448	71 355	156 803	120 068	41 655	161 723	-34 620	29 700	-4 920
2018 Q1	86 234	69 935	156 169	118 461	42 391	160 852	-32 227	27 544	-4 683
Q2	85 999	70 189	156 188	120 654	43 313	163 967	-34 655	26 876	-7 779
Q3	88 855	69 166	158 021	124 099	43 425	167 524	-35 244	25 741	-9 503
Q4	88 901	70 078	158 979	125 569	43 765	169 334	-36 668	26 313	-10 355
Percentage change, latest year on previous year									
	KG9K	KH35	KH2O	KG9L	KH3W	KH3H			
2015	-2.2	2.5	-0.1	-2.6	5.4	-0.6			
2016	4.3	10.7	7.2	6.7	9.9	7.5			
2017	13.3	8.1	10.9	10.2	6.1	9.1			
2018	3.3	0.2	1.9	2.7	4.3	3.1			
Percentage change, latest quarter on previous quarter									
	KG9O	KH36	KH2P	KG9P	KH3X	KH3I			
2015 Q3	-4.2	-	-2.4	-1.9	0.1	-1.4			
Q4	0.3	4.0	2.0	1.7	2.5	1.9			
2016 Q1	-0.6	2.3	0.7	1.2	0.6	1.0			
Q2	4.8	2.1	3.5	2.8	3.5	3.0			
Q3	0.5	3.3	1.8	8.0	4.2	7.0			
Q4	8.9	9.3	9.1	0.5	6.3	2.0			
2017 Q1	2.8	-2.6	0.3	3.4	-2.4	1.8			
Q2	1.4	0.7	1.0	1.2	1.1	1.2			
Q3	2.4	1.7	2.1	1.2	0.4	1.0			
Q4	-0.8	1.8	0.4	0.1	0.2	0.1			
2018 Q1	0.9	-2.0	-0.4	-1.3	1.8	-0.5			
Q2	-0.3	0.4	-	1.9	2.2	1.9			
Q3	3.3	-1.5	1.2	2.9	0.3	2.2			
Q4	0.1	1.3	0.6	1.2	0.8	1.1			
Percentage change, latest quarter on corresponding quarter of previous year									
	KG9S	KH37	KH2Q	KG9T	KH3Y	KH3J			
2015 Q3	-2.5	1.9	-0.6	-4.2	6.3	-1.7			
Q4	-3.7	2.3	-1.0	-6.6	8.6	-3.0			
2016 Q1	-1.8	4.2	0.9	-3.6	6.3	-1.1			
Q2	0.1	8.6	3.8	3.8	6.8	4.6			
Q3	5.1	12.2	8.3	14.3	11.1	13.4			
Q4	14.0	17.9	15.8	13.0	15.2	13.6			
2017 Q1	17.9	12.2	15.3	15.5	11.9	14.5			
Q2	14.0	10.7	12.5	13.7	9.2	12.5			
Q3	16.2	9.0	12.8	6.5	5.2	6.2			
Q4	5.8	1.5	3.8	6.0	-0.8	4.1			
2018 Q1	3.9	2.2	3.1	1.1	3.4	1.7			
Q2	2.2	1.9	2.1	1.8	4.5	2.5			
Q3	3.2	-1.3	1.1	3.4	4.4	3.7			
Q4	4.0	-1.8	1.4	4.6	5.1	4.7			

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

H2 Exports and imports of goods and services

Chained volume measures

Reference year 2016, £ million

	Exports			Imports			Balance
	Goods	Services	Total	Goods	Services	Total	Total ¹
	BQKQ	IKBE	IKBK	BQKO	IKBF	IKBL	IKBM
2015	302 991	248 177	551 228	415 878	153 347	569 120	-17 892
2016	299 073	257 888	556 961	431 725	156 123	587 848	-30 887
2017	319 033	269 184	588 217	450 747	157 740	608 487	-20 270
2018	318 218	270 980	589 198	448 331	164 999	613 330	-24 132
Seasonally adjusted							
2015 Q3	75 641	61 062	136 744	102 319	38 547	140 793	-4 049
Q4	76 519	63 059	139 491	105 107	39 554	144 591	-5 100
2016 Q1	74 823	63 507	138 252	105 537	38 438	143 976	-5 724
Q2	75 463	64 171	139 554	106 066	38 837	144 900	-5 346
Q3	72 300	62 781	135 108	110 687	38 673	149 364	-14 256
Q4	76 487	67 429	144 047	109 435	40 175	149 608	-5 561
2017 Q1	77 953	66 320	144 273	111 703	39 186	150 889	-6 616
Q2	79 606	66 461	146 067	112 805	39 451	152 256	-6 189
Q3	81 852	67 007	148 859	113 601	39 498	153 099	-4 240
Q4	79 622	69 396	149 018	112 638	39 605	152 243	-3 225
2018 Q1	80 343	68 679	149 022	111 700	41 002	152 702	-3 680
Q2	78 445	67 633	146 078	111 346	41 562	152 908	-6 830
Q3	80 078	66 301	146 379	111 709	41 195	152 904	-6 525
Q4	79 352	68 367	147 719	113 576	41 240	154 816	-7 097
Percentage change, latest year on previous year							
	KG9X	KH3B	KH2U	KG9W	KH44	KH3N	
2015	6.7	1.6	4.4	4.4	8.9	5.5	
2016	-1.3	3.9	1.0	3.8	1.8	3.3	
2017	6.7	4.4	5.6	4.4	1.0	3.5	
2018	-0.3	0.7	0.2	-0.5	4.6	0.8	
Percentage change, latest quarter on previous quarter							
	KGA2	KH3C	KH2V	KG9Z	KH45	KH3O	
2015 Q3	-1.3	-0.3	-1.0	0.3	0.3	0.3	
Q4	1.2	3.3	2.0	2.7	2.6	2.7	
2016 Q1	-2.2	0.7	-0.9	0.4	-2.8	-0.4	
Q2	0.9	1.0	0.9	0.5	1.0	0.6	
Q3	-4.2	-2.2	-3.2	4.4	-0.4	3.1	
Q4	5.8	7.4	6.6	-1.1	3.9	0.2	
2017 Q1	1.9	-1.6	0.2	2.1	-2.5	0.9	
Q2	2.1	0.2	1.2	1.0	0.7	0.9	
Q3	2.8	0.8	1.9	0.7	0.1	0.6	
Q4	-2.7	3.6	0.1	-0.8	0.3	-0.6	
2018 Q1	0.9	-1.0	-	-0.8	3.5	0.3	
Q2	-2.4	-1.5	-2.0	-0.3	1.4	0.1	
Q3	2.1	-2.0	0.2	0.3	-0.9	-	
Q4	-0.9	3.1	0.9	1.7	0.1	1.3	
Percentage change, latest quarter on corresponding quarter of previous year							
	KGA5	KH3D	KH2W	KGA4	KH46	KH3P	
2015 Q3	7.6	1.4	4.8	3.4	9.5	4.9	
Q4	5.0	0.8	3.1	0.4	11.5	3.0	
2016 Q1	0.9	1.1	1.0	-0.8	4.4	0.4	
Q2	-1.6	4.8	1.1	4.0	1.1	3.2	
Q3	-4.4	2.8	-1.2	8.2	0.3	6.1	
Q4	-	6.9	3.3	4.1	1.6	3.5	
2017 Q1	4.2	4.4	4.4	5.8	1.9	4.8	
Q2	5.5	3.6	4.7	6.4	1.6	5.1	
Q3	13.2	6.7	10.2	2.6	2.1	2.5	
Q4	4.1	2.9	3.5	2.9	-1.4	1.8	
2018 Q1	3.1	3.6	3.3	-	4.6	1.2	
Q2	-1.5	1.8	-	-1.3	5.4	0.4	
Q3	-2.2	-1.1	-1.7	-1.7	4.3	-0.1	
Q4	-0.3	-1.5	-0.9	0.8	4.1	1.7	

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

Gross value added at basic prices: individual measures

	£ million				Index numbers (2016 = 100) ³				
	Expenditure-based estimate at chained volume measures	At current prices			Value indices at current prices		Chained volume indices		
		Expenditure-based estimate	Income-based estimate	Residual error ¹	Expenditure-based estimate	Income-based estimate	Expenditure-based estimate	Income-based estimate ²	Output-based estimate
	CAGR	CAGQ	CAGS	DJDS	IHYA	IHYB	IHYC	IHYD	YBFR
2015	1 723 523	1 692 039	1 692 039	–	96.4	96.4	98.1	98.1	98.1
2016	1 756 045	1 756 045	1 756 045	–	100.0	100.0	100.0	100.0	100.0
2017	1 794 096	1 827 756	1 818 682	9 074	104.1	103.6	102.2	101.7	102.4
2018	1 817 658	1 884 339	1 876 869	7 470	107.3	106.9	103.5	103.1	103.9
Seasonally adjusted									
2015 Q3	431 718	423 920	423 920	–	96.6	96.6	98.3	98.3	98.3
Q4	433 845	426 098	426 098	–	97.1	97.1	98.8	98.8	98.8
2016 Q1	435 169	432 659	432 659	–	98.6	98.6	99.1	99.1	99.1
Q2	437 116	436 513	436 513	–	99.4	99.4	99.6	99.6	99.6
Q3	439 892	440 577	440 577	–	100.4	100.4	100.2	100.2	100.2
Q4	443 868	446 296	446 296	–	101.7	101.7	101.1	101.1	101.1
2017 Q1	445 592	451 941	450 865	1 076	102.9	102.7	101.5	101.3	101.7
Q2	446 940	453 775	451 913	1 862	103.4	102.9	101.8	101.4	102.1
Q3	449 692	458 107	455 342	2 765	104.3	103.7	102.4	101.8	102.6
Q4	451 872	463 933	460 562	3 371	105.7	104.9	102.9	102.2	103.0
2018 Q1	451 596	465 711	463 491	2 220	106.1	105.6	102.9	102.4	103.2
Q2	453 311	468 058	466 186	1 872	106.6	106.2	103.3	102.8	103.6
Q3	456 013	473 983	472 297	1 686	108.0	107.6	103.9	103.5	104.2
Q4	456 738	476 587	474 895	1 692	108.6	108.2	104.0	103.7	104.4
Percentage change, latest year on previous year									
	KH4D	KH47	KH68		KH47	KH68	KH4D	KH6E	GDPQ
2015	2.5	2.8	2.8		2.8	2.8	2.5	2.5	2.5
2016	1.9	3.8	3.8		3.8	3.8	1.9	1.9	1.9
2017	2.2	4.1	3.6		4.1	3.6	2.2	1.7	2.4
2018	1.3	3.1	3.2		3.1	3.2	1.3	1.4	1.5
Percentage change, latest quarter on previous quarter									
	KH4F	KH49	KH6A		KH49	KH6A	KH4F	KH6G	
2015 Q3	0.3	–0.1	–0.1		–0.1	–0.1	0.3	0.3	0.3
Q4	0.5	0.5	0.5		0.5	0.5	0.5	0.5	0.5
2016 Q1	0.3	1.5	1.5		1.5	1.5	0.3	0.3	0.3
Q2	0.4	0.9	0.9		0.9	0.9	0.4	0.4	0.4
Q3	0.6	0.9	0.9		0.9	0.9	0.6	0.6	0.6
Q4	0.9	1.3	1.3		1.3	1.3	0.9	0.9	0.9
2017 Q1	0.4	1.3	1.0		1.3	1.0	0.4	0.2	0.6
Q2	0.3	0.4	0.2		0.4	0.2	0.3	0.1	0.3
Q3	0.6	1.0	0.8		1.0	0.8	0.6	0.4	0.5
Q4	0.5	1.3	1.1		1.3	1.1	0.5	0.4	0.4
2018 Q1	–0.1	0.4	0.6		0.4	0.6	–0.1	0.2	0.2
Q2	0.4	0.5	0.6		0.5	0.6	0.4	0.5	0.4
Q3	0.6	1.3	1.3		1.3	1.3	0.6	0.6	0.6
Q4	0.2	0.5	0.6		0.5	0.6	0.2	0.2	0.2
Percentage change, latest quarter on corresponding quarter of previous year									
	KH4H	KH4B	KH6C		KH4B	KH6C	KH4H	KH6I	GDPR
2015 Q3	2.2	2.0	2.0		2.0	2.0	2.2	2.2	2.2
Q4	1.8	2.8	2.8		2.8	2.8	1.8	1.8	1.8
2016 Q1	1.8	3.6	3.6		3.6	3.6	1.8	1.8	1.8
Q2	1.6	2.8	2.8		2.8	2.8	1.6	1.6	1.6
Q3	1.9	3.9	3.9		3.9	3.9	1.9	1.9	1.9
Q4	2.3	4.7	4.7		4.7	4.7	2.3	2.3	2.3
2017 Q1	2.4	4.5	4.2		4.5	4.2	2.4	2.1	2.6
Q2	2.2	4.0	3.5		4.0	3.5	2.2	1.8	2.5
Q3	2.2	4.0	3.4		4.0	3.4	2.2	1.6	2.4
Q4	1.8	4.0	3.2		4.0	3.2	1.8	1.1	1.9
2018 Q1	1.3	3.0	2.8		3.0	2.8	1.3	1.1	1.4
Q2	1.4	3.1	3.2		3.1	3.2	1.4	1.4	1.5
Q3	1.4	3.5	3.7		3.5	3.7	1.4	1.7	1.6
Q4	1.1	2.7	3.1		2.7	3.1	1.1	1.5	1.4

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

2 Income data deflated by the implied GDP deflator, based on expenditure data.
3 The growth rates of index numbers are calculated using unrounded data.

M Alignment adjustments¹

£ million

	Changes in inventories		Gross operating surplus of non-financial corporations at current prices
	At current prices	Chained volume measures (Reference year 2016)	
Seasonally adjusted			
	DMUN	DMUM	DMUQ
2015 Q3	-1 721	-1 757	-1 054
Q4	-334	-345	-867
2016 Q1	-84	-86	1 912
Q2	-900	-903	-1 681
Q3	1 981	1 977	-1 987
Q4	-997	-988	1 756
2017 Q1	1 089	1 070	2 574
Q2	-1 609	-1 580	-2 507
Q3	639	625	-689
Q4	-119	-115	622
2018 Q1	-2 362	-2 281	1 387
Q2	-556	-529	-1 714
Q3	1 693	1 632	608
Q4	1 225	1 178	-281

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

Selected financial year variables ^{1,2}

£ millions except deflator index which is 2017/2018 = 100

	Current prices					Chained Volume Measures (reference year 2016)				
	Gross domestic product at market prices	Gross domestic product at market prices non seasonally adjusted	Gross value added at basic prices	General government final consumption expenditure	General government gross fixed capital formation	Gross domestic product at market prices	Gross value added at basic prices	General government final consumption expenditure	General government gross fixed capital formation	Implied GDP deflator at market prices ^{3,4}
	YBHA	BKTL	ABML	NMRP	RPZG	ABMI	ABMM	NMRY	DLWF	L8GG
2014/15	1 857 707	1 855 049	1 658 747	357 598	50 607	1 902 961	1 694 186	361 079	51 589	95.1431
2015/16	1 913 870	1 912 472	1 707 180	362 579	49 784	1 944 905	1 731 157	366 806	50 492	95.9036
2016/17	1 991 226	1 989 398	1 775 338	369 396	53 376	1 978 370	1 766 479	367 357	52 778	98.0883
2017/18	2 064 363	2 066 856	1 839 346	377 755	55 691	2 011 872	1 797 978	367 967	54 489	100.0000
Seasonally adjusted										
2015 Q3	475 541	472 366	423 920	91 090	12 360	484 552	431 718	91 806	12 562	95.6471
Q4	477 774	485 250	426 098	90 443	12 294	488 153	433 845	91 665	12 390	95.3873
2016 Q1	485 326	485 753	432 659	91 626	12 128	489 736	435 169	92 044	12 243	96.5819
Q2	489 494	486 658	436 513	91 550	13 111	490 502	437 116	91 959	13 277	97.2592
Q3	493 730	490 693	440 577	92 032	13 460	492 816	439 892	91 968	13 605	97.6402
Q4	500 974	506 420	446 296	92 766	13 401	496 470	443 868	92 003	12 975	98.3436
2017 Q1	507 028	505 627	451 952	93 048	13 404	498 582	445 603	91 427	12 921	99.1104
Q2	508 869	506 918	453 572	93 403	13 995	499 885	446 741	91 876	13 892	99.2110
Q3	514 258	510 663	457 448	93 895	13 793	502 473	449 048	91 969	13 631	99.7453
Q4	519 474	526 421	462 901	94 873	13 901	504 487	450 870	91 995	13 585	100.3547
2018 Q1	521 762	522 854	465 425	95 584	14 002	505 027	451 319	92 127	13 381	100.6890
Q2	526 118	523 762	467 939	95 964	13 491	507 132	453 196	91 742	13 059	101.1082
Q3	531 877	527 090	473 982	96 573	14 433	510 289	456 012	91 488	13 848	101.5825
Q4	534 870	540 921	476 642	97 760	14 757	511 175	456 791	92 768	14 034	101.9771
Percentage change, latest financial year on previous financial year										
2014/15	4.2	4.1	4.3	2.2	3.3	2.9	3.5	1.9	1.5	1.3
2015/16	3.0	3.1	2.9	1.4	-1.6	2.2	2.2	1.6	-2.1	0.8
2016/17	4.0	4.0	4.0	1.9	7.2	1.7	2.0	0.2	4.5	2.3
2017/18	3.7	3.9	3.6	2.3	4.3	1.7	1.8	0.2	3.2	1.9
Percentage change, latest quarter on previous quarter										
	IHYN	A8L9	KGL8	KH2D	KH7P	IHYQ	KGM9	KH2J	KH9C	L8GH
2015 Q3	0.1	0.7	-0.1	1.9	-4.9	0.4	0.3	0.6	-5.5	-0.4
Q4	0.5	2.7	0.5	-0.7	-0.5	0.7	0.5	-0.2	-1.4	-0.3
2016 Q1	1.6	0.1	1.5	1.3	-1.4	0.3	0.3	0.4	-1.2	1.3
Q2	0.9	0.2	0.9	-0.1	8.1	0.2	0.4	-0.1	8.4	0.7
Q3	0.9	0.8	0.9	0.5	2.7	0.5	0.6	-	2.5	0.4
Q4	1.5	3.2	1.3	0.8	-0.4	0.7	0.9	-	-4.6	0.7
2017 Q1	1.2	-0.2	1.3	0.3	-	0.4	0.4	-0.6	-0.4	0.8
Q2	0.4	0.3	0.4	0.4	4.4	0.3	0.3	0.5	7.5	0.1
Q3	1.1	0.7	0.9	0.5	-1.4	0.5	0.5	0.1	-1.9	0.5
Q4	1.0	3.1	1.2	1.0	0.8	0.4	0.4	-	-0.3	0.6
2018 Q1	0.4	-0.7	0.5	0.7	0.7	0.1	0.1	0.1	-1.5	0.3
Q2	0.8	0.2	0.5	0.4	-3.6	0.4	0.4	-0.4	-2.4	0.4
Q3	1.1	0.6	1.3	0.6	7.0	0.6	0.6	-0.3	6.0	0.5
Q4	0.6	2.6	0.6	1.2	2.2	0.2	0.2	1.4	1.3	0.4
Percentage change, latest quarter on corresponding quarter of previous year										
	IHYO	A8LA	KGM2	KH2E	KH7R	IHYR	KGN3	KH2K	KH9M	L8GI
2015 Q3	2.3	2.7	2.0	1.1	-0.8	2.1	2.2	1.6	-1.8	0.2
Q4	2.8	3.1	2.8	0.7	-5.5	2.2	1.8	1.8	-6.2	0.5
2016 Q1	3.9	3.5	3.6	1.7	-9.1	2.1	1.8	1.7	-8.7	1.7
Q2	3.0	3.7	2.8	2.4	0.8	1.7	1.6	0.7	-0.2	1.3
Q3	3.8	3.9	3.9	1.0	8.9	1.7	1.9	0.2	8.3	2.1
Q4	4.9	4.4	4.7	2.6	9.0	1.7	2.3	0.4	4.7	3.1
2017 Q1	4.5	4.1	4.5	1.6	10.5	1.8	2.4	-0.7	5.5	2.6
Q2	4.0	4.2	3.9	2.0	6.7	1.9	2.2	-0.1	4.6	2.0
Q3	4.2	4.1	3.8	2.0	2.5	2.0	2.1	-	0.2	2.2
Q4	3.7	3.9	3.7	2.3	3.7	1.6	1.6	-	4.7	2.0
2018 Q1	2.9	3.4	3.0	2.7	4.5	1.3	1.3	0.8	3.6	1.6
Q2	3.4	3.3	3.2	2.7	-3.6	1.4	1.4	-0.1	-6.0	1.9
Q3	3.4	3.2	3.6	2.9	4.6	1.6	1.6	-0.5	1.6	1.8
Q4	3.0	2.8	3.0	3.0	6.2	1.3	1.3	0.8	3.3	1.6

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

2 All data are seasonally adjusted unless otherwise specified.

3 Implied deflator is expressed in terms of 2017/2018 = 100 for presentational purposes, whereas in table A1 it is expressed as 2016 = 100.

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

O Selected implied deflators¹

2018 = 100

	Implied deflators ²		
	Gross national expenditure	Gross domestic product at market prices ³	Gross value added at basic prices
	MNE2	MNF2	MNX5
2015	94.3618	94.2293	94.7003
2016	95.8473	96.1683	96.4605
2017	98.1134	98.2891	98.2704
2018	100.0000	100.0000	100.0000
Seasonally adjusted			
2015 Q3	94.5165	94.3831	94.7210
Q4	94.0583	94.1268	94.7409
2016 Q1	95.1942	95.3055	95.9070
Q2	95.8238	95.9739	96.3303
Q3	95.9677	96.3499	96.6136
Q4	96.4034	97.0440	96.9911
2017 Q1	97.4650	97.8007	97.8378
Q2	97.6984	97.9000	97.9384
Q3	98.2916	98.4272	98.2679
Q4	98.9987	99.0286	99.0374
2018 Q1	99.1919	99.3584	99.4784
Q2	99.5675	99.7720	99.6015
Q3	100.4059	100.2401	100.2647
Q4	100.8347	100.6295	100.6555
Percentage change, latest year on previous year			
	MNE3	MNF3	MNX6
2015	-0.1	0.4	0.2
2016	1.6	2.1	1.9
2017	2.4	2.2	1.9
2018	1.9	1.7	1.8
Percentage change, latest quarter on previous quarter			
	MNE4	MNF4	MNX7
2015 Q3	-0.4	-0.4	-0.4
Q4	-0.5	-0.3	-
2016 Q1	1.2	1.3	1.2
Q2	0.7	0.7	0.4
Q3	0.2	0.4	0.3
Q4	0.5	0.7	0.4
2017 Q1	1.1	0.8	0.9
Q2	0.2	0.1	0.1
Q3	0.6	0.5	0.3
Q4	0.7	0.6	0.8
2018 Q1	0.2	0.3	0.4
Q2	0.4	0.4	0.1
Q3	0.8	0.5	0.7
Q4	0.4	0.4	0.4
Percentage change, latest quarter on corresponding quarter of previous year			
	MNE5	MNF5	MNX8
2015 Q3	-0.2	0.2	-0.2
Q4	-0.1	0.5	0.9
2016 Q1	1.3	1.7	1.8
Q2	0.9	1.3	1.3
Q3	1.5	2.1	2.0
Q4	2.5	3.1	2.4
2017 Q1	2.4	2.6	2.0
Q2	2.0	2.0	1.7
Q3	2.4	2.2	1.7
Q4	2.7	2.0	2.1
2018 Q1	1.8	1.6	1.7
Q2	1.9	1.9	1.7
Q3	2.2	1.8	2.0
Q4	1.9	1.6	1.6

1 Implied deflator is expressed in terms of 2018 = 100, whereas in table A1 it is expressed as 2016 = 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 2016)	
		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
2015	65 110	1 895 839	29 117	1 934 903	29 717
2016	65 648	1 969 524	30 001	1 969 524	30 001
2017	66 040	2 049 629	31 036	2 005 427	30 367
2018	66 466	2 114 627	31 815	2 033 623	30 596
Seasonally adjusted					
2015 Q3	65 245	475 541	7 289	484 552	7 427
Q4	65 379	477 774	7 308	488 153	7 467
2016 Q1	65 514	485 326	7 408	489 736	7 475
Q2	65 648	489 494	7 456	490 502	7 472
Q3	65 746	493 730	7 510	492 816	7 496
Q4	65 844	500 974	7 608	496 470	7 540
2017 Q1	65 942	507 028	7 689	498 582	7 561
Q2	66 040	508 869	7 705	499 885	7 569
Q3	66 146	514 258	7 775	502 473	7 596
Q4	66 253	519 474	7 841	504 487	7 615
2018 Q1	66 359	521 762	7 863	505 027	7 611
Q2	66 466	526 118	7 916	507 132	7 630
Q3	66 572	531 877	7 990	510 289	7 665
Q4	66 678	534 870	8 022	511 175	7 666
Percentage change, latest year on previous year					
		IHYM	N3Y3	IHYP	N3Y6
2015		2.8	2.0	2.3	1.5
2016		3.9	3.0	1.8	1.0
2017		4.1	3.4	1.8	1.2
2018		3.2	2.5	1.4	0.8
Percentage change, latest quarter on previous quarter					
		IHYN	N3Y4	IHYQ	N3Y7
2015 Q3		0.1	-0.1	0.4	0.2
Q4		0.5	0.3	0.7	0.5
2016 Q1		1.6	1.4	0.3	0.1
Q2		0.9	0.6	0.2	-
Q3		0.9	0.7	0.5	0.3
Q4		1.5	1.3	0.7	0.6
2017 Q1		1.2	1.1	0.4	0.3
Q2		0.4	0.2	0.3	0.1
Q3		1.1	0.9	0.5	0.4
Q4		1.0	0.8	0.4	0.3
2018 Q1		0.4	0.3	0.1	-0.1
Q2		0.8	0.7	0.4	0.2
Q3		1.1	0.9	0.6	0.5
Q4		0.6	0.4	0.2	-
Percentage change, latest quarter on corresponding quarter of previous year					
		IHYO	N3Y5	IHYR	N3Y8
2015 Q3		2.3	1.5	2.1	1.3
Q4		2.8	1.9	2.2	1.4
2016 Q1		3.9	3.0	2.1	1.2
Q2		3.0	2.2	1.7	0.8
Q3		3.8	3.0	1.7	0.9
Q4		4.9	4.1	1.7	1.0
2017 Q1		4.5	3.8	1.8	1.2
Q2		4.0	3.3	1.9	1.3
Q3		4.2	3.5	2.0	1.3
Q4		3.7	3.1	1.6	1.0
2018 Q1		2.9	2.3	1.3	0.7
Q2		3.4	2.7	1.4	0.8
Q3		3.4	2.8	1.6	0.9
Q4		3.0	2.3	1.3	0.7

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 28 June 2018

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

R Revisions Analysis

Revisions since previously published estimates¹

£ million

2017

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
less Basic price adjustment
Gross value added at basic prices

KB7D
KB7E
KB7F

—
—
—

Gross domestic product:

expenditure at current prices (Table C1)

National expenditure on goods and services
at market prices

Households
Non-profit institutions serving households
General government
Gross fixed capital formation
Changes in inventories
Acquisitions less disposals of valuables
Total

KB7K
KB7L
KB7M
KB7N
KB7O
KB7P
KB7Q

—
—
—
—
—
—
—

Total exports

KB7R

—

Total imports

KB7S

—

Statistical discrepancy (expenditure)

KB7T

—

Gross domestic product:

income at current prices (Table D)

Compensation of employees
Gross operating surplus of corporations
Other income
Gross value added at factor cost
Taxes on products & production less Subsidies
Statistical discrepancy (income)

KB7U
KB7V
KB7W
KB7X
KB7Y
KB7Z

—
—
—
—
—
—

2017

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
Mining and quarrying inc oil & gas extraction
Manufacturing
Electricity, gas, steam and air
Water supply, sewerage
Total Production
Construction
Distribution, hotels and catering; repairs
Transport storage and communications
Business services and finance
Government and other services
Total services

KB83
KB84
KB85
KB86
KNT7
KB87
KB88
KB89
KB8A
KB8B
KB8C
KB8D
KB8E
KB8F

—
—
—
—
—
—
—
—
—
—
—
—
—
—

Total GVA

KB8E

—

Total GVA excluding Oil

KB8F

—

Percentage changes in volume

of GDP expenditure components (Table C2)

National expenditure on goods and services
at market prices

Households
Non-profit institutions serving households
General government
Gross fixed capital formation
Total

KB8G
KB8H
KB8I
KB8J
KB8K
KB8L
KB8M

—
—
—
—
—
—
—

Total exports

KB8L

—

Total imports

KB8M

—

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

R Revisions Analysis

Revisions since previously published estimates¹

continued

£ million

		2017 Q1	2017 Q2	2017 Q3	2017 Q4	2018 Q1	2018 Q2	2018 Q3	2018 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	–	–	–	–	–622	–1 361	–1 068	..
less Basic price adjustment	KB7E	–	–	–	–	44	7	–209	..
Gross value added at basic prices	KB7F	–	–	–	–	–666	–1 368	–859	..
Gross domestic product:									
expenditure at current prices (Table C1)									
National expenditure on goods and services									
at market prices									
Households	KB7K	–	–	–	–	117	351	–198	..
Non-profit institutions serving households	KB7L	–	–	–	–	41	66	18	..
General government	KB7M	–	–	–	–	1	–160	–164	..
Gross fixed capital formation	KB7N	–	–	–	–	–34	90	–156	..
Changes in inventories	KB7O	–	–	–	–	–1 585	–1 666	–535	..
Acquisitions less disposals of valuables	KB7P	–	–	–	–	–	–10	–55	..
Total	KB7Q	–	–	–	–	–1 460	–1 329	–1 090	..
Total exports	KB7R	–	–	–	–	614	–559	–584	..
Total imports	KB7S	–	–	–	–	258	212	136	..
Statistical discrepancy (expenditure)	KB7T	–	–	–	–	482	739	742	..
Gross domestic product:									
income at current prices (Table D)									
Compensation of employees	KB7U	–	–	–	–	61	–20	147	..
Gross operating surplus of corporations	KB7V	–	–	–	–	–384	–919	219	..
Other income	KB7W	–	–	–	–	238	396	–242	..
Gross value added at factor cost	KB7X	–	–	–	–	–85	–543	124	..
Taxes on products & production less Subsidies	KB7Y	–	–	–	–	20	–48	–277	..
Statistical discrepancy (income)	KB7Z	–	–	–	–	–557	–770	–915	..
		2017 Q1	2017 Q2	2017 Q3	2017 Q4	2018 Q1	2018 Q2	2018 Q3	2018 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	–	–	–	–	–	–	–	..
Quarter on same quarter a year earlier	KB94	–	–	–	–	–	–	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	–	–	–	–	–1.5	–0.2	–0.8	..
Mining and quarrying inc oil & gas extraction	KB84	–	–	–	–	1.9	–	0.2	..
Manufacturing	KB85	–	–	–	–	–0.2	–	–0.2	..
Electricity, gas, steam and air	KB86	–	–	–	–	0.5	0.5	0.3	..
Water supply, sewerage	KNT7	–	–	–	–	–0.2	–0.2	–0.1	..
Total Production	KB87	–	–	–	–	–	0.1	–	..
Construction	KB88	–	–	–	–	0.4	–0.2	–0.2	..
Distribution, hotels and catering; repairs	KB89	–	–	–	–	0.2	–0.1	0.1	..
Transport storage and communications	KB8A	–	–	–	–	0.1	–0.1	–	..
Business services and finance	KB8B	–	–	–	–	–	0.1	–0.1	..
Government and other services	KB8C	–	–	–	–	–0.1	–0.1	0.1	..
Total services	KB8D	–	–	–	–	–	–	–	..
Total GVA	KB8E	–	–	–	–	–	–	–	..
Total GVA excluding Oil	KB8F	–	–	–	–	–	–	–	..
Percentage changes in volume of GDP									
expenditure components (Table C2)									
National expenditure on goods and services									
at market prices quarter on quarter growth									
Households	KB8G	–	–	–	–	–	0.2	–0.1	..
Non-profit institutions serving households	KB8H	–	–	–	–	0.3	0.2	–0.3	..
General government	KB8I	–	–	–	–	–	–0.1	–	..
Gross fixed capital formation	KB8J	–	–	–	–	–	–0.1	0.1	..
Total	KB8K	–	–	–	–	–0.2	0.1	–	..
Total exports	KB8L	–	–	–	–	1.2	–0.6	–0.9	..
Total imports	KB8M	–	–	–	–	0.5	–	–0.8	..

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

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

Chained Volume Measures

Seasonally adjusted data

Reference year 2016

	Agri- culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Constr uction	Total Services	Distri- bution, hotels & catering	Transport storage and commu- nications	Business services and finance	Govern- ment and other services
Percentage change, latest year on previous year												
Growth	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2016	-5.6	1.0	0.3	0.4	2.1	5.6	4.1	1.9	3.8	3.4	2.1	-
2017	3.0	1.8	-0.6	2.5	-1.6	3.4	7.1	2.1	2.2	4.9	2.2	0.6
2018	-2.9	0.7	2.7	0.9	0.6	-2.3	0.7	1.7	2.7	3.3	1.8	0.1
Contributions to growth²	ZZ3V	ZZ3W	ZZ3Y	ZZ3X	ZZ3Z	ZZ42	ZZ43	ZZ44	ZZ45	ZZ46	ZZ47	ZZ48
2016	-0.04	0.13	-	0.04	0.04	0.06	0.25	1.54	0.51	0.37	0.68	-0.01
2017	0.02	0.25	-0.01	0.25	-0.03	0.03	0.42	1.66	0.30	0.52	0.72	0.13
2018	-0.02	0.10	0.03	0.09	0.01	-0.02	0.04	1.36	0.37	0.36	0.60	0.03
Percentage change, latest quarter on previous quarter												
Growth	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2016 Q1	-3.7	0.1	-1.9	-0.1	2.1	1.8	0.3	0.4	1.1	0.4	0.5	-0.2
Q2	-1.1	1.8	2.2	1.2	4.6	2.8	1.7	0.1	0.5	0.2	0.3	-0.4
Q3	-0.2	-0.4	5.1	-0.5	-3.9	0.1	1.1	0.8	0.9	2.9	0.7	-0.1
Q4	0.6	0.6	-7.8	1.3	2.4	0.6	2.9	0.8	1.7	1.8	0.5	0.1
2017 Q1	2.1	0.3	2.6	0.5	-3.9	3.1	3.2	0.5	-0.2	0.4	0.8	0.5
Q2	0.6	0.3	1.5	0.1	0.9	-0.8	0.2	0.4	0.3	1.2	0.2	0.3
Q3	0.6	1.0	0.1	1.1	2.2	-0.5	0.7	0.4	0.5	0.7	0.6	-0.1
Q4	-0.1	0.6	-4.5	1.5	-0.8	-	0.3	0.3	0.2	1.3	0.4	-0.3
2018 Q1	-3.1	0.1	4.6	-0.4	2.2	-2.4	-1.2	0.3	0.4	-0.1	0.5	0.1
Q2	-0.2	-0.6	1.0	-0.4	-3.5	0.4	0.3	0.6	1.6	1.2	0.3	0.1
Q3	-0.5	0.6	1.7	0.2	1.7	0.8	2.1	0.5	1.0	1.5	0.3	0.1
Q4	1.1	-1.1	-1.4	-0.9	-2.0	-0.4	-0.3	0.4	0.3	0.4	0.6	0.3
Contributions to growth²	ZZ2F	ZZ2G	ZZ2I	ZZ2H	ZZ2J	ZZ2K	ZZ2L	ZZ2M	ZZ2N	ZZ2O	ZZ2P	ZZ2Q
2016 Q1	-0.02	0.01	-0.02	-0.01	0.03	0.02	0.02	0.30	0.15	0.04	0.16	-0.05
Q2	-0.01	0.25	0.03	0.12	0.08	0.03	0.10	0.10	0.07	0.02	0.10	-0.08
Q3	-	-0.06	0.06	-0.05	-0.07	-	0.07	0.63	0.12	0.31	0.22	-0.01
Q4	-	0.08	-0.10	0.13	0.04	0.01	0.18	0.63	0.24	0.20	0.17	0.03
2017 Q1	0.01	0.04	0.03	0.05	-0.07	0.03	0.20	0.40	-0.03	0.05	0.27	0.11
Q2	-	0.03	0.02	0.01	0.02	-0.01	0.01	0.28	0.03	0.12	0.06	0.06
Q3	-	0.14	-	0.11	0.04	-0.01	0.04	0.33	0.07	0.08	0.20	-0.02
Q4	-	0.09	-0.05	0.15	-0.01	-	0.02	0.27	0.03	0.15	0.15	-0.06
2018 Q1	-0.02	0.02	0.05	-0.04	0.04	-0.02	-0.07	0.25	0.05	-0.01	0.18	0.03
Q2	-	-0.08	0.01	-0.04	-0.06	-	0.02	0.48	0.23	0.13	0.11	0.02
Q3	-	0.08	0.02	0.02	0.03	0.01	0.13	0.43	0.14	0.17	0.11	0.01
Q4	0.01	-0.15	-0.02	-0.10	-0.03	-	-0.02	0.35	0.04	0.04	0.20	0.07
Percentage change, latest quarter on corresponding quarter of previous year												
Growth	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KII2	KIH9	KIH8
2016 Q1	-5.0	-0.1	3.3	-1.1	-1.4	6.8	2.5	2.1	3.9	2.6	2.1	0.8
Q2	-6.8	1.0	-2.5	0.5	5.0	5.4	3.0	1.6	3.2	1.8	2.0	-0.1
Q3	-6.5	0.9	3.3	0.4	0.1	5.1	4.7	1.9	3.7	4.0	2.1	-0.3
Q4	-4.3	2.1	-2.8	1.9	5.0	5.3	6.1	2.1	4.4	5.3	1.9	-0.5
2017 Q1	1.5	2.3	1.6	2.5	-1.2	6.7	9.2	2.2	3.0	5.4	2.3	0.2
Q2	3.2	0.7	0.9	1.4	-4.6	2.9	7.6	2.5	2.7	6.4	2.2	0.8
Q3	4.0	2.2	-4.0	3.0	1.4	2.3	7.1	2.1	2.4	4.2	2.1	0.8
Q4	3.2	2.2	-0.5	3.2	-1.7	1.7	4.5	1.6	0.8	3.7	2.0	0.4
2018 Q1	-2.1	2.0	1.5	2.3	4.6	-3.7	-	1.4	1.4	3.1	1.8	0.1
Q2	-2.9	1.2	1.0	1.8	-	-2.5	0.2	1.7	2.8	3.2	1.9	-0.1
Q3	-3.9	0.7	2.6	0.9	-0.5	-1.2	1.5	1.8	3.3	4.0	1.7	-
Q4	-2.8	-1.0	5.9	-1.5	-1.7	-1.6	0.9	1.9	3.4	3.0	1.8	0.6
Contributions to growth²	ZZ36	ZZ37	ZZ39	ZZ38	ZZ3A	ZZ3B	ZZ3C	ZZ3D	ZZ3E	ZZ3F	ZZ3G	ZZ3H
2016 Q1	-0.03	-0.01	0.04	-0.12	-0.02	0.07	0.15	1.69	0.52	0.28	0.71	0.17
Q2	-0.05	0.14	-0.03	0.05	0.08	0.05	0.18	1.28	0.43	0.19	0.68	-0.01
Q3	-0.04	0.12	0.04	0.04	-	0.05	0.28	1.54	0.49	0.43	0.69	-0.07
Q4	-0.03	0.28	-0.03	0.19	0.08	0.05	0.37	1.67	0.58	0.57	0.64	-0.11
2017 Q1	0.01	0.31	0.02	0.25	-0.02	0.07	0.54	1.77	0.40	0.56	0.77	0.05
Q2	0.02	0.10	0.01	0.14	-0.08	0.03	0.45	1.96	0.37	0.67	0.73	0.19
Q3	0.03	0.30	-0.04	0.30	0.02	0.02	0.43	1.65	0.32	0.45	0.71	0.18
Q4	0.02	0.30	-0.01	0.32	-0.03	0.02	0.27	1.28	0.11	0.40	0.68	0.09
2018 Q1	-0.01	0.29	0.02	0.23	0.08	-0.04	-	1.14	0.19	0.33	0.59	0.01
Q2	-0.02	0.17	0.01	0.18	-	-0.03	0.01	1.33	0.38	0.34	0.64	-0.03
Q3	-0.03	0.10	0.03	0.10	-0.01	-0.01	0.10	1.43	0.45	0.43	0.55	-
Q4	-0.02	-0.14	0.07	-0.15	-0.03	-0.02	0.06	1.52	0.46	0.33	0.61	0.13

¹ Estimates are accurate to 1 decimal place and contributions are available from 1997. Output data are available from 1990 in table B1

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

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

Chained Volume Measures

Seasonally adjusted data

Reference year 2016

Final consumption expenditure									
	Households	Non-profit institutions ³	General government ⁴	Gross capital formation	Gross fixed capital formation	Business investment	Total exports	less Total imports	Net trade
Percentage change, latest year on previous year									
Growth									
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N	
2016	3.2	0.8	0.8	1.6	2.3	-0.2	1.0	3.3	
2017	2.2	-0.3	-0.2	0.3	3.5	1.5	5.6	3.5	
2018	1.9	-1.4	0.2	2.1	-	-0.9	0.2	0.8	
Contributions to growth									
	ZZ6M	ZZ6N	ZZ6O	ZZ6P	ZZ6Q	ZZ6R	ZZ6S	ZZ6T	ZZ6U
2016	2.01	0.02	0.14	0.27	0.39	-0.02	0.29	0.95	-0.66
2017	1.37	-0.01	-0.04	0.05	0.58	0.14	1.59	1.05	0.54
2018	1.17	-0.04	0.04	0.36	-	-0.08	0.05	0.25	-0.20
Percentage change, latest quarter on previous quarter									
Growth									
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O	
2016 Q1	1.1	0.4	0.4	-1.9	-	-1.7	-0.9	-0.4	
Q2	0.8	0.7	-0.1	-2.5	1.6	0.9	0.9	0.6	
Q3	1.2	-	-	9.0	1.5	1.5	-3.2	3.1	
Q4	-	0.5	-	-5.3	-0.6	-1.0	6.6	0.2	
2017 Q1	0.7	-0.4	-0.6	1.4	1.0	-0.2	0.2	0.9	
Q2	0.4	-0.1	0.5	-0.7	1.9	1.3	1.2	0.9	
Q3	0.5	-0.6	0.1	-0.6	0.3	0.9	1.9	0.6	
Q4	0.3	-0.1	-	0.3	0.7	0.4	0.1	-0.6	
2018 Q1	0.4	-0.2	0.1	-1.4	-0.6	-0.6	-	0.3	
Q2	0.7	-0.6	-0.4	4.1	-0.9	-0.5	-2.0	0.1	
Q3	0.4	-0.5	-0.3	2.1	0.6	-1.2	0.2	-	
Q4	0.4	-	1.4	-1.4	-0.5	-1.4	0.9	1.3	
Contributions to growth									
	ZZ5M	ZZ5N	ZZ5O	ZZ5P	ZZ5Q	ZZ5R	ZZ5S	ZZ5T	ZZ5U
2016 Q1	0.68	0.01	0.08	-0.33	-	-0.17	-0.24	-0.12	-0.12
Q2	0.51	0.02	-0.02	-0.43	0.26	0.08	0.26	0.18	0.07
Q3	0.75	-	-	1.50	0.25	0.15	-0.87	0.89	-1.76
Q4	-	0.01	0.01	-0.95	-0.10	-0.10	1.75	0.05	1.70
2017 Q1	0.46	-0.01	-0.12	0.25	0.17	-0.02	0.05	0.26	-0.21
Q2	0.24	-	0.09	-0.11	0.32	0.12	0.36	0.27	0.09
Q3	0.32	-0.02	0.02	-0.10	0.05	0.08	0.56	0.17	0.39
Q4	0.22	-	0.01	0.05	0.11	0.04	0.03	-0.17	0.20
2018 Q1	0.26	-0.01	0.03	-0.23	-0.10	-0.06	-	0.09	-0.09
Q2	0.43	-0.02	-0.08	0.68	-0.15	-0.04	-0.60	0.04	-0.64
Q3	0.25	-0.01	-0.05	0.36	0.10	-0.11	0.06	-	0.06
Q4	0.27	-	0.25	-0.25	-0.08	-0.13	0.27	0.39	-0.12
Percentage change, latest quarter on corresponding quarter of previous year									
Growth									
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P	
2016 Q1	3.3	0.2	1.7	-2.7	0.8	-2.1	1.0	0.4	
Q2	3.3	0.4	0.7	0.5	1.1	-1.1	1.1	3.2	
Q3	3.2	1.2	0.2	10.2	4.9	2.9	-1.2	6.1	
Q4	3.1	1.5	0.4	-1.2	2.5	-0.4	3.3	3.5	
2017 Q1	2.8	0.7	-0.7	2.2	3.5	1.2	4.4	4.8	
Q2	2.3	-0.1	-0.1	4.1	3.8	1.6	4.7	5.1	
Q3	1.6	-0.6	-	-5.1	2.6	0.9	10.2	2.5	
Q4	2.0	-1.2	-	0.5	3.9	2.4	3.5	1.8	
2018 Q1	1.7	-1.1	0.8	-2.3	2.2	1.9	3.3	1.2	
Q2	2.0	-1.6	-0.1	2.3	-0.5	0.2	-	0.4	
Q3	1.8	-1.5	-0.5	5.1	-0.3	-1.9	-1.7	-0.1	
Q4	1.9	-1.4	0.8	3.3	-1.4	-3.7	-0.9	1.7	
Contributions to growth									
	ZZ65	ZZ66	ZZ67	ZZ68	ZZ69	ZZ6A	ZZ6B	ZZ6C	ZZ6D
2016 Q1	2.06	0.01	0.33	-0.49	0.13	-0.20	0.26	0.13	0.14
Q2	2.04	0.01	0.14	0.09	0.19	-0.11	0.30	0.92	-0.62
Q3	2.00	0.04	0.03	1.70	0.81	0.28	-0.32	1.73	-2.06
Q4	1.95	0.04	0.07	-0.21	0.41	-0.03	0.90	1.01	-0.11
2017 Q1	1.73	0.02	-0.13	0.37	0.58	0.11	1.23	1.41	-0.18
Q2	1.47	-	-0.02	0.68	0.65	0.15	1.33	1.50	-0.17
Q3	1.04	-0.02	-	-0.92	0.45	0.09	2.79	0.76	2.03
Q4	1.25	-0.04	-	0.08	0.65	0.22	1.00	0.53	0.47
2018 Q1	1.05	-0.03	0.14	-0.40	0.38	0.18	0.98	0.38	0.60
Q2	1.23	-0.04	-0.03	0.40	-0.09	0.02	-	0.13	-0.13
Q3	1.16	-0.04	-0.10	0.87	-0.05	-0.18	-0.51	-0.04	-0.47
Q4	1.21	-0.04	0.15	0.56	-0.24	-0.35	-0.26	0.53	-0.79

1 Estimates are accurate to 1 decimal place and contributions are available from 1997. Expenditure data are available from 1948 annually and 1955 quarterly in table C2

2 This table does not include the contribution from the statistical discrepancy

change in average GDP. Chained volume measure data for this component are available in table C2

3 Non-profit institutions serving households

4 Please refer to footnote 7 on table C2

AC Annex C - Growth and contributions to growth - income components of GDP^{1,2}

Current Prices

Seasonally adjusted data

	Compensation of employees	Gross operating surplus of corporations ³	Other income ⁴	Taxes on products & production less subsidies
Percentage change, latest year on previous year				
Growth				
	KGI3	KH4V	KH6T	KH65
2016	3.8	4.5	3.4	4.0
2017	4.2	3.7	1.3	5.0
2018	4.1	0.4	4.4	2.9
Contributions to growth				
	ZZ7H	ZZ7I	ZZ7J	ZZ7K
2016	1.85	0.98	0.58	0.49
2017	2.07	0.82	0.23	0.62
2018	2.02	0.10	0.73	0.36
Percentage change, latest quarter on previous quarter				
Growth				
	KGI4	KH4W	KH6U	KH66
2016 Q1	-0.8	8.6	0.3	0.8
Q2	3.0	-4.5	1.5	1.3
Q3	1.9	-0.4	-0.1	0.1
Q4	-0.2	6.2	-0.2	2.2
2017 Q1	0.8	2.2	0.7	-0.3
Q2	1.5	-3.9	0.3	2.9
Q3	0.7	1.5	0.2	2.3
Q4	1.0	2.1	0.6	-0.6
2018 Q1	1.0	-0.6	1.7	-1.0
Q2	0.7	-0.7	1.4	3.6
Q3	1.5	1.1	1.4	-0.7
Q4	0.9	-0.8	1.2	0.4
Contributions to growth				
	ZZ6Z	ZZ72	ZZ73	ZZ74
2016 Q1	-0.39	1.84	0.05	0.10
Q2	1.53	-1.07	0.28	0.17
Q3	0.99	-0.09	-0.02	0.02
Q4	-0.09	1.35	-0.04	0.27
2017 Q1	0.41	0.50	0.12	-0.04
Q2	0.81	-0.97	0.05	0.39
Q3	0.36	0.33	0.03	0.29
Q4	0.49	0.44	0.10	-0.07
2018 Q1	0.45	-0.12	0.25	-0.11
Q2	0.34	-0.15	0.22	0.42
Q3	0.74	0.23	0.24	-0.09
Q4	0.50	-0.18	0.22	0.06
Percentage change, latest quarter on corresponding quarter of previous year				
Growth				
	KGI5	KH4X	KH6V	KH67
2016 Q1	2.2	5.7	5.2	5.4
Q2	4.2	-1.2	4.6	3.9
Q3	4.6	3.9	2.4	2.4
Q4	4.0	9.7	1.5	4.6
2017 Q1	5.7	3.3	1.9	3.4
Q2	4.2	3.9	0.6	5.1
Q3	2.9	5.9	1.0	7.3
Q4	4.1	1.7	1.8	4.3
2018 Q1	4.3	-1.1	2.7	3.6
Q2	3.5	2.2	3.9	4.3
Q3	4.3	1.8	5.1	1.3
Q4	4.2	-1.0	5.8	2.3
Contributions to growth				
	ZZ79	ZZ7A	ZZ7B	ZZ7C
2016 Q1	1.08	1.28	0.89	0.65
Q2	2.02	-0.28	0.78	0.47
Q3	2.27	0.83	0.40	0.29
Q4	1.99	2.08	0.26	0.57
2017 Q1	2.77	0.76	0.33	0.42
Q2	2.06	0.86	0.11	0.62
Q3	1.45	1.26	0.16	0.89
Q4	2.02	0.39	0.30	0.53
2018 Q1	2.09	-0.25	0.46	0.44
Q2	1.72	0.48	0.64	0.54
Q3	2.10	0.39	0.84	0.16
Q4	2.10	-0.23	0.96	0.29

1 Estimates are accurate to 1 decimal place and contributions are available from 1997. Income data are available from 1948 annually and 1955 quarterly in table D.

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

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

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

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

Seasonally adjusted data

Reference year 2016

	Final consumption expenditure						
	House- holds	Non-prof- it instit- utions ²	General govern- ment	Gross capital formation	Gross fixed capital formation	Total exports	less Total imports
Percentage change, latest year on previous year							
	ZZ93	ZZ94	ZZ95	ZZ96	ZZ97	ZZ98	ZZ99
2016	1.5	0.5	1.2	2.5	1.4	6.1	4.1
2017	2.1	1.4	2.2	3.6	2.4	5.0	5.4
2018	2.2	1.9	2.6	0.3	2.1	1.7	2.3
Percentage change, latest quarter on previous quarter							
	ZZ8N	ZZ8O	ZZ8P	ZZ8Q	ZZ8R	ZZ8S	ZZ8T
2016 Q1	0.2	–	0.9	5.5	0.2	1.6	1.4
Q2	0.4	–0.2	–	2.5	0.6	2.6	2.4
Q3	0.1	0.6	0.5	–0.3	0.4	5.1	3.8
Q4	1.0	0.2	0.8	–1.9	1.0	2.3	1.9
2017 Q1	0.8	0.5	0.9	2.6	0.4	0.1	1.0
Q2	0.2	0.4	–0.1	0.8	0.5	–0.2	0.3
Q3	0.1	0.5	0.4	2.6	0.6	0.2	0.4
Q4	0.7	0.2	1.0	0.4	0.8	0.3	0.6
2018 Q1	0.9	0.5	0.6	–2.9	0.6	–0.4	–0.8
Q2	0.2	0.7	0.8	0.4	0.1	2.0	1.8
Q3	0.5	0.5	0.9	2.0	0.6	1.0	2.2
Q4	0.6	0.3	–0.2	0.4	0.5	–0.3	–0.2
Percentage change, latest quarter on corresponding quarter of previous year							
	ZZ8U	ZZ8V	ZZ8W	ZZ8X	ZZ8Y	ZZ8Z	ZZ92
2016 Q1	1.1	0.3	–	3.7	0.6	–0.1	–1.6
Q2	1.3	0.8	1.6	–0.9	1.5	2.7	1.3
Q3	1.8	0.5	0.9	1.6	1.3	9.6	6.9
Q4	1.8	0.6	2.2	5.7	2.3	12.1	9.8
2017 Q1	2.4	1.1	2.2	2.8	2.5	10.5	9.3
Q2	2.1	1.6	2.1	1.2	2.4	7.5	7.0
Q3	2.1	1.5	2.0	4.1	2.5	2.4	3.6
Q4	1.8	1.5	2.3	6.5	2.3	0.3	2.3
2018 Q1	2.0	1.6	1.9	0.9	2.4	–0.2	0.5
Q2	2.0	1.9	2.9	0.5	2.0	2.0	2.0
Q3	2.4	1.9	3.4	–0.1	2.1	2.9	3.8
Q4	2.3	2.0	2.2	–0.1	1.8	2.3	3.0

1 Estimates are accurate to 1 decimal place and are available from 1997.
Current price and chained volume measure data are available from 1948 annually and 1955 quarterly in tables C1 and C2 respectively

2 Non-profit institutions serving households

AE

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

Seasonally adjusted data

Reference year 2016

	Agri- culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Constr- uction	Total Services	Distri- bution, hotels & catering	Transport, storage and commu- nications	Business services and finance	Govern- ment & other services
Percentage change, latest year on previous year												
Current estimates³												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2016	-5.6	1.0	0.3	0.4	2.1	5.6	4.1	1.9	3.8	3.4	2.1	-
2017	3.0	1.8	-0.6	2.5	-1.6	3.4	7.1	2.1	2.2	4.9	2.2	0.6
2018	-2.9	0.7	2.7	0.9	0.6	-2.3	0.7	1.7	2.7	3.3	1.8	0.1
Previous estimates²												
	A2EQ	A2ER	A2ET	A2ES	A2EU	A2EV	A2EW	A2EY	A2F2	A2F3	A2F4	A2F5
2016	-5.6	1.0	0.3	0.4	2.1	5.6	4.1	1.9	3.8	3.4	2.1	-
2017	3.0	1.8	-0.6	2.5	-1.6	3.4	7.1	2.1	2.2	4.9	2.2	0.6
2018	..	..	..	..	..	..	..	..	..	..	..	..
Revisions												
	ZZ52	ZZ53	ZZ55	ZZ54	ZZ56	ZZ57	ZZ58	ZZ59	ZZ5A	ZZ5B	ZZ5C	ZZ5D
2016	-	-	-	-	-	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-	-	-	-	-	-
2018	..	..	..	..	..	..	..	..	..	..	..	..
Percentage change, latest quarter on previous quarter												
Current estimates³												
	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3GP	KI8L	KI8N	KI8P
2016 Q1	-3.7	0.1	-1.9	-0.1	2.1	1.8	0.3	0.4	1.1	0.4	0.5	-0.2
Q2	-1.1	1.8	2.2	1.2	4.6	2.8	1.7	0.1	0.5	0.2	0.3	-0.4
Q3	-0.2	-0.4	5.1	-0.5	-3.9	0.1	1.1	0.8	0.9	2.9	0.7	-0.1
Q4	0.6	0.6	-7.8	1.3	2.4	0.6	2.9	0.8	1.7	1.8	0.5	0.1
2017 Q1	2.1	0.3	2.6	0.5	-3.9	3.1	3.2	0.5	-0.2	0.4	0.8	0.5
Q2	0.6	0.3	1.5	0.1	0.9	-0.8	0.2	0.4	0.3	1.2	0.2	0.3
Q3	0.6	1.0	0.1	1.1	2.2	-0.5	0.7	0.4	0.5	0.7	0.6	-0.1
Q4	-0.1	0.6	-4.5	1.5	-0.8	-	0.3	0.3	0.2	1.3	0.4	-0.3
2018 Q1	-3.1	0.1	4.6	-0.4	2.2	-2.4	-1.2	0.3	0.4	-0.1	0.5	0.1
Q2	-0.2	-0.6	1.0	-0.4	-3.5	0.4	0.3	0.6	1.6	1.2	0.3	0.1
Q3	-0.5	0.6	1.7	0.2	1.7	0.8	2.1	0.5	1.0	1.5	0.3	0.1
Q4	1.1	-1.1	-1.4	-0.9	-2.0	-0.4	-0.3	0.4	0.3	0.4	0.6	0.3
Previous estimates²												
	A2CX	A2CY	A2DO	A2DL	A2DR	A2DS	A2DT	A2DU	A2DV	A2DW	A2DX	A2DY
2016 Q1	-3.7	0.1	-1.9	-0.1	2.1	1.8	0.3	0.4	1.1	0.4	0.5	-0.2
Q2	-1.1	1.8	2.2	1.2	4.6	2.8	1.7	0.1	0.5	0.2	0.3	-0.4
Q3	-0.2	-0.4	5.1	-0.5	-3.9	0.1	1.1	0.8	0.9	2.9	0.7	-0.1
Q4	0.6	0.6	-7.8	1.3	2.4	0.6	2.9	0.8	1.7	1.8	0.5	0.1
2017 Q1	2.1	0.3	2.6	0.5	-3.9	3.1	3.2	0.5	-0.2	0.4	0.8	0.5
Q2	0.6	0.3	1.5	0.1	0.9	-0.8	0.2	0.4	0.3	1.2	0.2	0.3
Q3	0.6	1.0	0.1	1.1	2.2	-0.5	0.7	0.4	0.5	0.7	0.6	-0.1
Q4	-0.1	0.6	-4.5	1.5	-0.8	-	0.3	0.3	0.2	1.3	0.4	-0.3
2018 Q1	-1.6	0.1	2.7	-0.2	1.7	-2.2	-1.6	0.3	0.2	-0.2	0.5	0.2
Q2	-	-0.7	1.0	-0.4	-4.0	0.6	0.5	0.6	1.7	1.3	0.2	0.2
Q3	0.3	0.6	1.5	0.4	1.4	0.9	2.3	0.5	0.9	1.5	0.4	-
Q4	..	..	..	..	..	..	..	..	..	..	..	..
Revisions												
	ZZ4A	ZZ4B	ZZ4D	ZZ4C	ZZ4E	ZZ4F	ZZ4G	ZZ4H	ZZ4I	ZZ4J	ZZ4K	ZZ4L
2016 Q1	-	-	-	-	-	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-	-	-	-	-
2018 Q1	-1.5	-	1.9	-0.2	0.5	-0.2	0.4	-	0.2	0.1	-	-0.1
Q2	-0.2	0.1	-	-	0.5	-0.2	-0.2	-	-0.1	-0.1	0.1	-0.1
Q3	-0.8	-	0.2	-0.2	0.3	-0.1	-0.2	-	0.1	-	-0.1	0.1
Q4	..	..	..	..	..	..	..	..	..	..	..	..

1 Estimates are accurate to 1 decimal place, previous estimates and revisions are available from 1997. Output data are available from 1990 in table B1

2 Previous estimate refers to estimates from the Quarterly National Accounts

3 Current estimate refers to the estimates released within this publication (GDP first quarterly estimate)

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

continued

Seasonally adjusted data

Reference year 2016

	Agri- culture, forestry, and fishing	Total Production	Mining & quarrying inc oil & gas extract	Manu- facturing	Electric, gas, steam & air	Water supply, sewerage	Constr- uction	Total Services	Distri- bution, hotels & catering	Transport, storage and commu- nications	Business services and finance	Govern- ment & other services
Percentage growths, latest quarter on corresponding quarter of previous year												
Current estimates³												
	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KII2	KIH9	KIH8
2016 Q1	-5.0	-0.1	3.3	-1.1	-1.4	6.8	2.5	2.1	3.9	2.6	2.1	0.8
Q2	-6.8	1.0	-2.5	0.5	5.0	5.4	3.0	1.6	3.2	1.8	2.0	-0.1
Q3	-6.5	0.9	3.3	0.4	0.1	5.1	4.7	1.9	3.7	4.0	2.1	-0.3
Q4	-4.3	2.1	-2.8	1.9	5.0	5.3	6.1	2.1	4.4	5.3	1.9	-0.5
2017 Q1	1.5	2.3	1.6	2.5	-1.2	6.7	9.2	2.2	3.0	5.4	2.3	0.2
Q2	3.2	0.7	0.9	1.4	-4.6	2.9	7.6	2.5	2.7	6.4	2.2	0.8
Q3	4.0	2.2	-4.0	3.0	1.4	2.3	7.1	2.1	2.4	4.2	2.1	0.8
Q4	3.2	2.2	-0.5	3.2	-1.7	1.7	4.5	1.6	0.8	3.7	2.0	0.4
2018 Q1	-2.1	2.0	1.5	2.3	4.6	-3.7	-	1.4	1.4	3.1	1.8	0.1
Q2	-2.9	1.2	1.0	1.8	-	-2.5	0.2	1.7	2.8	3.2	1.9	-0.1
Q3	-3.9	0.7	2.6	0.9	-0.5	-1.2	1.5	1.8	3.3	4.0	1.7	-
Q4	-2.8	-1.0	5.9	-1.5	-1.7	-1.6	0.9	1.9	3.4	3.0	1.8	0.6
Previous estimates²												
	A2DZ	A2E2	A2E4	A2E3	A2E5	A2EE	A2EK	A2EL	A2EM	A2EN	A2EO	A2EP
2016 Q1	-5.0	-0.1	3.3	-1.1	-1.4	6.8	2.5	2.1	3.9	2.6	2.1	0.8
Q2	-6.8	1.0	-2.5	0.5	5.0	5.4	3.0	1.6	3.2	1.8	2.0	-0.1
Q3	-6.5	0.9	3.3	0.4	0.1	5.1	4.7	1.9	3.7	4.0	2.1	-0.3
Q4	-4.3	2.1	-2.8	1.9	5.0	5.3	6.1	2.1	4.4	5.3	1.9	-0.5
2017 Q1	1.5	2.3	1.6	2.5	-1.2	6.7	9.2	2.2	3.0	5.4	2.3	0.2
Q2	3.2	0.7	0.9	1.4	-4.6	2.9	7.6	2.5	2.7	6.4	2.2	0.8
Q3	4.0	2.2	-4.0	3.0	1.4	2.3	7.1	2.1	2.4	4.2	2.1	0.8
Q4	3.2	2.2	-0.5	3.2	-1.7	1.7	4.5	1.6	0.8	3.7	2.0	0.4
2018 Q1	-0.6	2.0	-0.4	2.5	4.0	-3.5	-0.4	1.4	1.3	3.0	1.8	0.2
Q2	-1.2	1.1	-0.9	2.0	-1.0	-2.1	-0.1	1.6	2.7	3.1	1.8	0.1
Q3	-1.5	0.7	0.5	1.3	-1.8	-0.7	1.6	1.7	3.1	4.0	1.5	0.1
Q4	..	..	..	..	..	..	..	..	..	..	..	..
Revisions												
	ZZ4N	ZZ4O	ZZ4Q	ZZ4P	ZZ4R	ZZ4S	ZZ4T	ZZ4U	ZZ4V	ZZ4W	ZZ4X	ZZ4Y
2016 Q1	-	-	-	-	-	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-	-	-	-	-
2018 Q1	-1.5	-	1.9	-0.2	0.6	-0.2	0.4	-	0.1	0.1	-	-0.1
Q2	-1.7	0.1	1.9	-0.2	1.0	-0.4	0.3	0.1	0.1	0.1	0.1	-0.2
Q3	-2.4	-	2.1	-0.4	1.3	-0.5	-0.1	0.1	0.2	-	0.2	-0.1
Q4	..	..	..	..	..	..	..	..	..	..	..	..

1 Estimates are accurate to 1 decimal place, previous estimates and revisions are available from 1997. Output data are available from 1990 in table B1

2 Previous estimate refers to estimates from the Quarterly National Accounts

3 Current estimate refers to the estimates released within this publication (GDP first quarterly estimate)

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

Seasonally adjusted data

Reference year 2016

Final consumption expenditure								
	House-holds	Non-prof- it instit- utions ³	General govern- ment ⁵	Gross Capital Formation	Gross Fixed Capital Formation	Business investme nt	Total exports	less Total imports
Percentage change, latest year on previous year								
Current estimates⁴								
	KGZ5	KH26	KH2I	ZZ6H	KG7N	KG7M	KH2U	KH3N
2016	3.2	0.8	0.8	1.6	2.3	-0.2	1.0	3.3
2017	2.2	-0.3	-0.2	0.3	3.5	1.5	5.6	3.5
Previous estimates²								
	A275	A276	A289	A28J	A28L	A29D	A29F	A2CK
2016	3.2	0.8	0.8	1.6	2.3	-0.2	1.0	3.3
2017	2.2	-0.3	-0.2	0.3	3.5	1.5	5.6	3.5
Revisions								
	ZZ83	ZZ84	ZZ85	ZZ86	ZZ87	ZZ88	ZZ89	ZZ8A
2016	-	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-	-
Percentage change, latest quarter on previous quarter								
Current estimates⁴								
	KGZ6	KH27	KH2J	ZZ5H	KG7Q	KG7P	KH2V	KH3O
2015 Q3	1.3	-0.9	0.6	-0.6	-2.1	-2.5	-1.0	0.3
Q4	0.1	0.2	-0.2	5.7	1.8	2.3	2.0	2.7
2016 Q1	1.1	0.4	0.4	-1.9	-	-1.7	-0.9	-0.4
Q2	0.8	0.7	-0.1	-2.5	1.6	0.9	0.9	0.6
Q3	1.2	-	-	9.0	1.5	1.5	-3.2	3.1
Q4	-	0.5	-	-5.3	-0.6	-1.0	6.6	0.2
2017 Q1	0.7	-0.4	-0.6	1.4	1.0	-0.2	0.2	0.9
Q2	0.4	-0.1	0.5	-0.7	1.9	1.3	1.2	0.9
Q3	0.5	-0.6	0.1	-0.6	0.3	0.9	1.9	0.6
Q4	0.3	-0.1	-	0.3	0.7	0.4	0.1	-0.6
2018 Q1	0.4	-0.2	0.1	-1.4	-0.6	-0.6	-	0.3
Q2	0.7	-0.6	-0.4	4.1	-0.9	-0.5	-2.0	0.1
Q3	0.4	-0.5	-0.3	2.1	0.6	-1.2	0.2	-
Previous estimates²								
	A24M	A24X	A24Y	A25I	A25J	A25M	A264	A268
2015 Q3	1.3	-0.9	0.6	-0.6	-2.1	-2.5	-1.0	0.3
Q4	0.1	0.2	-0.2	5.7	1.8	2.3	2.0	2.7
2016 Q1	1.1	0.4	0.4	-1.9	-	-1.7	-0.9	-0.4
Q2	0.8	0.7	-0.1	-2.5	1.6	0.9	0.9	0.6
Q3	1.2	-	-	9.0	1.5	1.5	-3.2	3.1
Q4	-	0.5	-	-5.3	-0.6	-1.0	6.6	0.2
2017 Q1	0.7	-0.4	-0.6	1.4	1.0	-0.2	0.2	0.9
Q2	0.4	-0.1	0.5	-0.7	1.9	1.3	1.2	0.9
Q3	0.5	-0.6	0.1	-0.6	0.3	0.9	1.9	0.6
Q4	0.3	-0.1	-	0.3	0.7	0.4	0.1	-0.6
2018 Q1	0.4	-0.5	0.1	0.4	-0.6	-0.7	-1.2	-0.2
Q2	0.5	-0.8	-0.3	3.5	-0.8	-0.4	-1.4	0.1
Q3	0.5	-0.2	-0.3	1.3	0.5	-1.1	1.1	0.8
Revisions								
	ZZ7L	ZZ7M	ZZ7N	ZZ7O	ZZ7P	ZZ7Q	ZZ7R	ZZ7S
2015 Q3	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-	-
2018 Q1	-	0.3	-	-1.8	-	0.1	1.2	0.5
Q2	0.2	0.2	-0.1	0.6	-0.1	-0.1	-0.6	-
Q3	-0.1	-0.3	-	0.8	0.1	-0.1	-0.9	-0.8

1 Estimates are accurate to 1 decimal place, previous estimates and revisions are available from 1997. Expenditure data are available from 1948 annually and 1955 quarterly in table C2.

2 Previous estimates refers to estimates from the Quarterly National Accounts

3 Non-profit institutions serving households

4 Current estimates refers to the estimates within this publication (GDP first quarterly estimate)

5 An error was discovered in the General Government Final Consumption Expenditure CVM figures during quality assurance. The most significant quarterly growth error is in 2005Q2 increasing growth by 2.3%. Figures in current publication are unaffected and the CVM data will be corrected in Blue Book 2019, the next time 2005 data are open to revision.

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

continued

Seasonally adjusted data

Reference year 2016

	Final consumption expenditure				Gross fixed capital formation	Gross fixed capital formation	Business investment	Total exports	less Total imports
	Households	Non-profit institutions ³	General government ⁵	Gross capital formation					
Percentage change, latest quarter on corresponding quarter of the previous year									
Current estimates ⁴									
	KGZ7	KH28	KH2K	ZZ5Y	KG7T	KG7S	KH2W	KH3P	
2015 Q3	3.0	-0.6	1.6	0.5	1.3	1.2	4.8	4.9	
Q4	2.8	-0.1	1.8	0.8	2.5	2.9	3.1	3.0	
2016 Q1	3.3	0.2	1.7	-2.7	0.8	-2.1	1.0	0.4	
Q2	3.3	0.4	0.7	0.5	1.1	-1.1	1.1	3.2	
Q3	3.2	1.2	0.2	10.2	4.9	2.9	-1.2	6.1	
Q4	3.1	1.5	0.4	-1.2	2.5	-0.4	3.3	3.5	
2017 Q1	2.8	0.7	-0.7	2.2	3.5	1.2	4.4	4.8	
Q2	2.3	-0.1	-0.1	4.1	3.8	1.6	4.7	5.1	
Q3	1.6	-0.6	-	-5.1	2.6	0.9	10.2	2.5	
Q4	2.0	-1.2	-	0.5	3.9	2.4	3.5	1.8	
2018 Q1	1.7	-1.1	0.8	-2.3	2.2	1.9	3.3	1.2	
Q2	2.0	-1.6	-0.1	2.3	-0.5	0.2	-	0.4	
Q3	1.8	-1.5	-0.5	5.1	-0.3	-1.9	-1.7	-0.1	
Previous estimates ²									
	A26C	A26H	A26I	A26J	A26K	A26L	A26M	A26N	
2015 Q3	3.0	-0.6	1.6	0.5	1.3	1.2	4.8	4.9	
Q4	2.8	-0.1	1.8	0.8	2.5	2.9	3.1	3.0	
2016 Q1	3.3	0.2	1.7	-2.7	0.8	-2.1	1.0	0.4	
Q2	3.3	0.4	0.7	0.5	1.1	-1.1	1.1	3.2	
Q3	3.2	1.2	0.2	10.2	4.9	2.9	-1.2	6.1	
Q4	3.1	1.5	0.4	-1.2	2.5	-0.4	3.3	3.5	
2017 Q1	2.8	0.7	-0.7	2.2	3.5	1.2	4.4	4.8	
Q2	2.3	-0.1	-0.1	4.1	3.8	1.6	4.7	5.1	
Q3	1.6	-0.6	-	-5.1	2.6	0.9	10.2	2.5	
Q4	2.0	-1.2	-	0.5	3.9	2.4	3.5	1.8	
2018 Q1	1.6	-1.4	0.8	-0.6	2.2	1.9	2.1	0.7	
Q2	1.8	-2.1	-	3.6	-0.5	0.2	-0.5	-0.1	
Q3	1.8	-1.7	-0.4	5.6	-0.3	-1.8	-1.3	0.2	
Revisions									
	ZZ7T	ZZ7U	ZZ7V	ZZ7W	ZZ7X	ZZ7Y	ZZ7Z	ZZ82	
2015 Q3	-	-	-	-	-	-	-	-	
Q4	-	-	-	-	-	-	-	-	
2016 Q1	-	-	-	-	-	-	-	-	
Q2	-	-	-	-	-	-	-	-	
Q3	-	-	-	-	-	-	-	-	
Q4	-	-	-	-	-	-	-	-	
2017 Q1	-	-	-	-	-	-	-	-	
Q2	-	-	-	-	-	-	-	-	
Q3	-	-	-	-	-	-	-	-	
Q4	-	-	-	-	-	-	-	-	
2018 Q1	0.1	0.3	-	-1.7	-	-	1.2	0.5	
Q2	0.2	0.5	-0.1	-1.3	-	-	0.5	0.5	
Q3	-	0.2	-0.1	-0.5	-	-0.1	-0.4	-0.3	

1 Estimates are accurate to 1 decimal place, previous estimates and revisions are available from 1997. Expenditure data are available from 1948 annually and 1955 quarterly in table C2.

2 Previous estimates refers to the estimates from Quarterly National Accounts

3 Non-profit institutions serving households

4 Current estimates refers to the estimates within this publication (GDP first quarterly estimate)

5 An error was discovered in the General Government Final Consumption Expenditure CVM figures during quality assurance. The most significant quarterly growth error is in 2005Q2 increasing growth by 2.3%. Figures in current prices are unaffected and the CVM data will be corrected in Blue Book 2019, the next time 2005 data are open to revision

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

Seasonally adjusted data

	Compensation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
Percentage change, latest year on previous year				
Current estimates³				
	KGI3	KH4V	KH6T	KH65
2016	3.8	4.5	3.4	4.0
2017	4.2	3.7	1.3	5.0
Previous estimates²				
	A2CT	A2CU	A2CV	A2CW
2016	3.8	4.5	3.4	4.0
2017	4.2	3.7	1.3	5.0
Revisions				
	ZZ8J	ZZ8K	ZZ8L	ZZ8M
2016	—	—	—	—
2017	—	—	—	—
Percentage change, latest quarter on previous quarter				
Current estimates³				
	KGI4	KH4W	KH6U	KH66
2015 Q3	1.5	-5.3	2.1	1.6
Q4	0.4	0.7	0.6	0.1
2016 Q1	-0.8	8.6	0.3	0.8
Q2	3.0	-4.5	1.5	1.3
Q3	1.9	-0.4	-0.1	0.1
Q4	-0.2	6.2	-0.2	2.2
2017 Q1	0.8	2.2	0.7	-0.3
Q2	1.5	-3.9	0.3	2.9
Q3	0.7	1.5	0.2	2.3
Q4	1.0	2.1	0.6	-0.6
2018 Q1	1.0	-0.6	1.7	-1.0
Q2	0.7	-0.7	1.4	3.6
Q3	1.5	1.1	1.4	-0.7
Previous estimates²				
	A2CL	A2CM	A2CN	A2CO
2015 Q3	1.5	-5.3	2.1	1.6
Q4	0.4	0.7	0.6	0.1
2016 Q1	-0.8	8.6	0.3	0.8
Q2	3.0	-4.5	1.5	1.3
Q3	1.9	-0.4	-0.1	0.1
Q4	-0.2	6.2	-0.2	2.2
2017 Q1	0.8	2.2	0.7	-0.3
Q2	1.5	-3.9	0.3	2.9
Q3	0.7	1.5	0.2	2.3
Q4	1.0	2.1	0.6	-0.6
2018 Q1	1.0	-0.3	1.4	-1.0
Q2	0.8	-0.2	1.2	3.7
Q3	1.4	0.1	2.2	-0.4
Revisions				
	ZZ8B	ZZ8C	ZZ8D	ZZ8E
2015 Q3	—	—	—	—
Q4	—	—	—	—
2016 Q1	—	—	—	—
Q2	—	—	—	—
Q3	—	—	—	—
Q4	—	—	—	—
2017 Q1	—	—	—	—
Q2	—	—	—	—
Q3	—	—	—	—
Q4	—	—	—	—
2018 Q1	—	-0.3	0.3	—
Q2	-0.1	-0.5	0.2	-0.1
Q3	0.1	1.0	-0.8	-0.3

1 Estimates are accurate to 1 decimal place, previous estimates and revisions are available from 1997. Income data are available from 1948 annually and 1955 quarterly in table D

2 Previous estimates refers to estimates from the Quarterly National Accounts

3 Current estimates refers to estimates within this publication (GDP first quarterly estimate)

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

continued Seasonally adjusted data

	Compensation of employees	Gross operating surplus of corporations	Other income	Taxes on products & production less subsidies
Percentage change, latest quarter on corresponding quarter of previous year				
Current estimates³				
	KGI5	KH4X	KH6V	KH67
2015 Q3	3.5	-4.5	6.6	4.5
Q4	3.4	-1.2	6.1	2.9
2016 Q1	2.2	5.7	5.2	5.4
Q2	4.2	-1.2	4.6	3.9
Q3	4.6	3.9	2.4	2.4
Q4	4.0	9.7	1.5	4.6
2017 Q1	5.7	3.3	1.9	3.4
Q2	4.2	3.9	0.6	5.1
Q3	2.9	5.9	1.0	7.3
Q4	4.1	1.7	1.8	4.3
2018 Q1	4.3	-1.1	2.7	3.6
Q2	3.5	2.2	3.9	4.3
Q3	4.3	1.8	5.1	1.3
Previous estimates²				
	A2CP	A2CQ	A2CR	A2CS
2015 Q3	3.5	-4.5	6.6	4.5
Q4	3.4	-1.2	6.1	2.9
2016 Q1	2.2	5.7	5.2	5.4
Q2	4.2	-1.2	4.6	3.9
Q3	4.6	3.9	2.4	2.4
Q4	4.0	9.7	1.5	4.6
2017 Q1	5.7	3.3	1.9	3.4
Q2	4.2	3.9	0.6	5.1
Q3	2.9	5.9	1.0	7.3
Q4	4.1	1.7	1.8	4.3
2018 Q1	4.3	-0.8	2.5	3.6
Q2	3.5	3.1	3.4	4.4
Q3	4.2	1.6	5.4	1.7
Revisions				
	ZZ8F	ZZ8G	ZZ8H	ZZ8I
2015 Q3	-	-	-	-
Q4	-	-	-	-
2016 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2017 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2018 Q1	-	-0.3	0.2	-
Q2	-	-0.9	0.5	-0.1
Q3	0.1	0.2	-0.3	-0.4

1 Estimates accurate to 1 decimal place, previous estimates and revisions are available from 1997. Income data are available from 1948 annually and 1955 quarterly in table D

2 Previous estimates refers to estimates from the Quarterly National Accounts

3 Current estimate refers to estimates within this publication (GDP first quarterly estimate)