

Statistical bulletin

# GDP quarterly national accounts, UK: July to September 2017

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



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# 1 . Main points

- UK gross domestic product (GDP) in volume terms was estimated to have increased by 0.4% between Quarter 2 (Apr to June) and Quarter 3 (July to Sept) 2017, unrevised from the second estimate of GDP.
- Services remained the strongest contributor to growth in the output approach to GDP in Quarter 3 2017, with production also providing a positive contribution.
- Household spending grew by 0.5% in Quarter 3 2017, providing the strongest contribution to the expenditure approach to GDP; while growth has increased compared with the first two quarters of 2017, the underlying story is one of a slowdown in growth of household spending, with quarter on same quarter a year ago growth at 1.0%, the lowest rate since Quarter 1 (Jan to Mar) 2012.
- This GDP release includes annual benchmarks for 2016 and the incorporation for the first time of administrative VAT turnover to estimate the output of small businesses, the latter an important step in the transformation of the data sources used in economic statistics.
- More broadly, the profile of GDP between Quarter 1 2016 and Quarter 3 2017 is little changed compared with earlier estimates; the most notable feature was the economy performed slightly stronger than previously estimated in the second half of 2016 leading to GDP growth in 2016 being revised up by 0.1 percentage points to 1.9%.
- GDP per head was estimated to have increased by 0.2% between Quarter 2 and Quarter 3 2017.

## 2 . Things you need to know about this release

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

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

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

### Revisions

In line with the [National Accounts Revisions Policy](#) the time series open for revision in this release is Quarter 1 (Jan to Mar) 2016 onwards. These revised periods take on data from annual benchmarks and the introduction of Value Added Tax (VAT) turnover data in the UK National Accounts. More detail can be found in the [revisions to GDP section](#).

### **3 . Growth for Quarter 3 2017 unrevised at 0.4%**

UK gross domestic product (GDP) increased by 0.4% between Quarter 2 (Apr to June) 2017 and Quarter 3 (July to Sept) 2017, following growths of 0.3% in the first two quarters of 2017. All three periods are unrevised from the [second estimate of GDP](#) published on 23 November 2017.

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

**Table 1: Headline economic indicators and GDP per head for the UK**

Quarter 1 (Jan to Mar) 2015 to Quarter 3 (July to Sept) 2017

% growth<sup>1</sup>

|         | Chained volume measures |                       |                               |              | Current market prices |                           |
|---------|-------------------------|-----------------------|-------------------------------|--------------|-----------------------|---------------------------|
|         | GDP                     | Household expenditure | Gross fixed capital formation | GDP per head | GDP                   | Compensation of employees |
|         |                         |                       |                               |              |                       | Seasonally adjusted       |
| 2015    | 2.3                     | 2.7                   | 2.8                           | 1.5          | 2.8                   | 3.1                       |
| 2016    | 1.9                     | 3.1                   | 1.8                           | 1.1          | 3.9                   | 4.2                       |
| Q1 2015 | 0.3                     | 1.0                   | 2.8                           | 0.1          | 0.6                   | 0.5                       |
| Q2 2015 | 0.6                     | 0.7                   | 1.4                           | 0.4          | 1.6                   | 0.8                       |
| Q3 2015 | 0.4                     | 1.0                   | -3.1                          | 0.2          | 0.0                   | 0.7                       |
| Q4 2015 | 0.7                     | 0.4                   | 0.1                           | 0.6          | 0.4                   | 0.9                       |
| Q1 2016 | 0.2                     | 0.8                   | 0.7                           | -0.1         | 1.5                   | 0.2                       |
| Q2 2016 | 0.5                     | 1.1                   | 2.0                           | 0.3          | 1.2                   | 2.4                       |
| Q3 2016 | 0.5                     | 0.8                   | 1.1                           | 0.4          | 1.1                   | 1.4                       |
| Q4 2016 | 0.7                     | 0.3                   | 0.7                           | 0.6          | 1.3                   | 0.6                       |
| Q1 2017 | 0.3                     | 0.1                   | 0.5                           | 0.1          | 0.8                   | 0.8                       |
| Q2 2017 | 0.3                     | 0.2                   | 1.0                           | 0.2          | 0.7                   | 1.0                       |
| Q3 2017 | 0.4                     | 0.5                   | 0.3                           | 0.2          | 0.7                   | 0.7                       |

Source: Office for National Statistics

Notes:

1. Percentage change on previous quarter.

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

3. Updated population data have been taken on for the quarterly tail (2016 Q1 onwards). Updates to population estimates before this point will be incorporated when the whole time series is open for revision in Blue Book 2018.

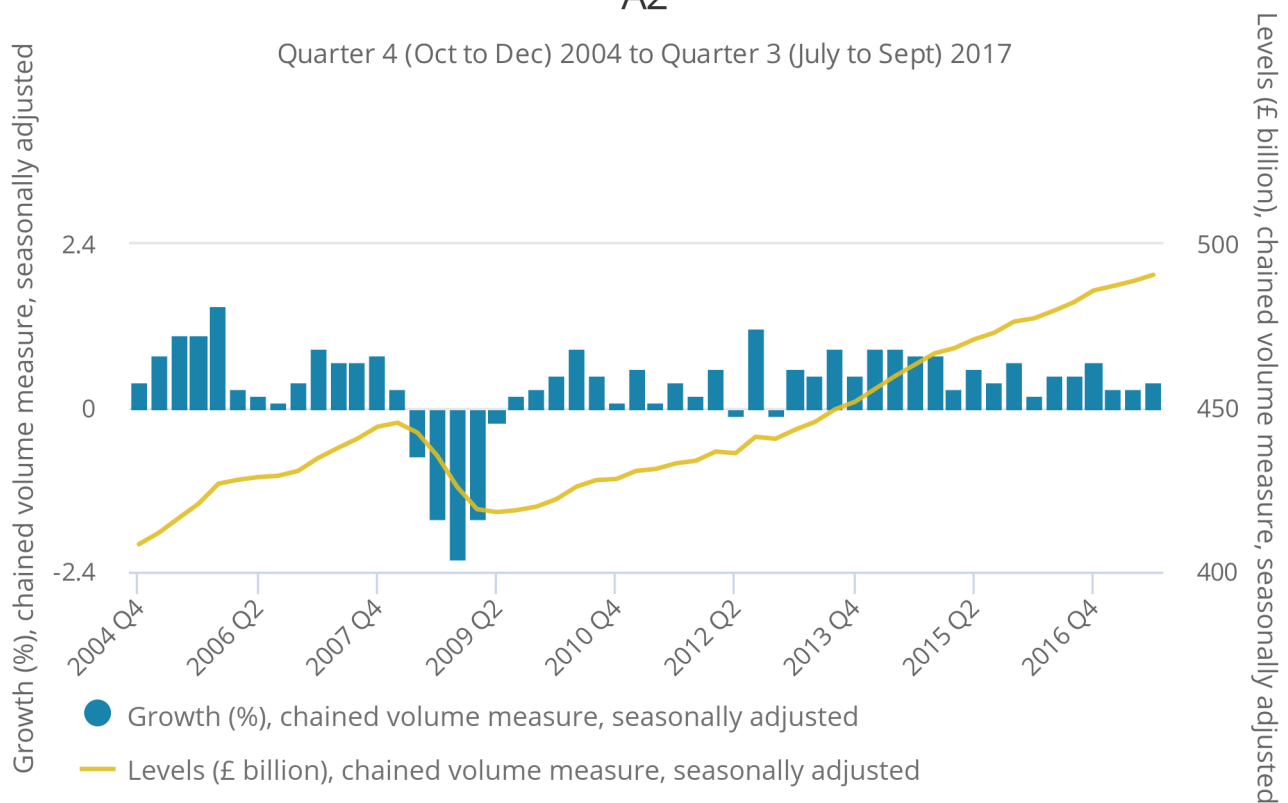
Figure 1 shows the seasonally adjusted level of GDP along with quarterly growths. The growth between Quarter 2 2017 and Quarter 3 2017 is the 19th consecutive quarterly increase and continues the UK's period of growth since Quarter 1 (Jan to Mar) 2013.

Growth in UK GDP is now 10.2% above the GDP pre-economic downturn peak in Quarter 1 2008, having surpassed it in Quarter 2 2013.

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

Quarter 4 (Oct to Dec) 2004 to Quarter 3 (July to Sept) 2017

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



Source: Office for National Statistics

Notes:

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

When looking at UK GDP growth in volume terms in the current quarter compared with the same quarter a year ago, GDP increased by 1.7% between Quarter 3 2016 and Quarter 3 2017, this is revised up from 1.5% in the [second estimate of GDP](#), in part, due to upwards revisions to quarter-on-quarter growth estimates in Quarter 4 (Oct to Dec) 2016.

## Implied deflator

The GDP implied deflator at market prices for Quarter 3 2017 is 1.7% above the same quarter of 2016. The GDP implied deflator is calculated by dividing current price (nominal) GDP by chained volume (real) GDP and multiplying by 100 to convert to an index. It is not used in the calculation of GDP; the deflators for expenditure components, which are the basis for the implied GDP deflator, are used directly in the compilation of real GDP.

## GDP per head

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

In Quarter 3 2017, GDP per head grew by 0.2% compared with Quarter 2 2017.

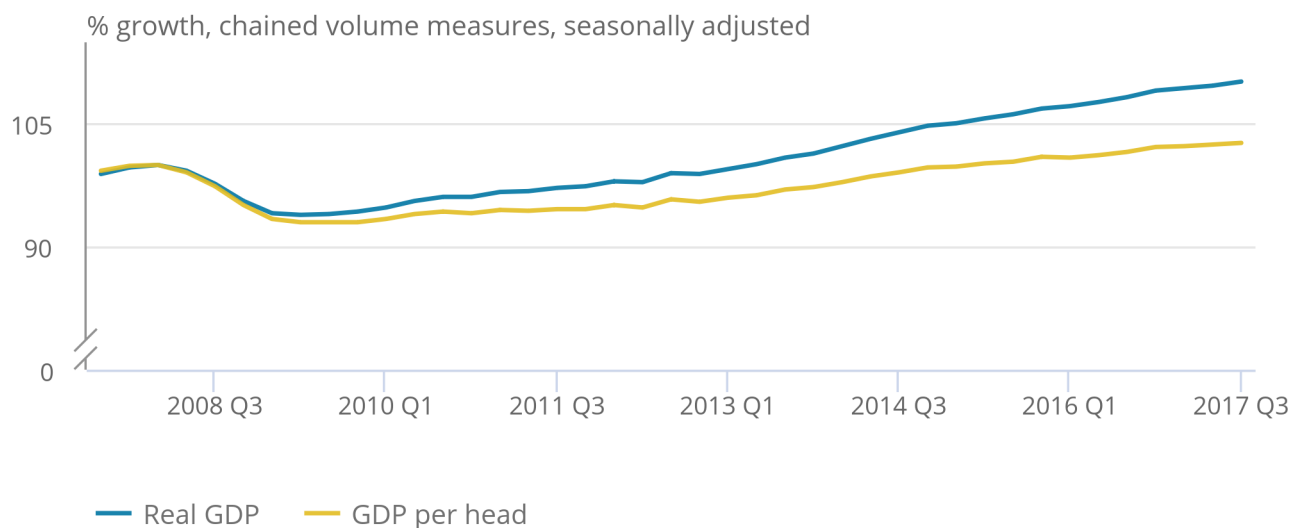
GDP per head is now 2.7% above the GDP pre-economic downturn peak in Quarter 1 2008, having surpassed it in Quarter 2 2015 (Figure 2).

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

Quarter 3 (July to Sept) 2007 to Quarter 3 2017

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

Quarter 3 (July to Sept) 2007 to Quarter 3 2017



Source: Office for National Statistics

Notes:

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

The [population estimates](#) used in this release are those published on 22 June 2017 and the [population projections](#) used are those published on 26 October 2017.

## 4 . Services and production drive growth in the output approach of GDP in Quarter 3 2017

The output approach to measuring gross domestic product (GDP) involves estimating production activity within the UK economy. It increased by 0.4% between Quarter 2 (Apr to June) 2017 and Quarter 3 (July to Sept) 2017, unrevised from the [second estimate of GDP](#).

In Quarter 3 2017:

- agriculture increased by 0.8%
- production increased by 1.3%
- construction decreased by 0.5%
- services increased by 0.4%

### Services

The largest component within the output approach of GDP is the services industries, which contributed to the growth in the output measure of GDP in Quarter 3 2017. Services increased by 0.4%, unrevised from the [second estimate of GDP](#). Positive growth was recorded within two of four sub-sectors of the services industries between Quarter 2 2017 and Quarter 3 2017; business services and finance increased by 0.7% and distribution, hotels and restaurants increased by 0.5%. The other services industries remained flat with zero growth.

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

### Production

Production output was estimated to have increased by 1.3% between Quarter 2 2017 and Quarter 3 2017, revised up by 0.2 percentage points from the [second estimate of GDP](#) due to the inclusion of late survey returns. Within production, three of the four sub-sectors showed positive growth into Quarter 3 2017. Mining and quarrying including oil and gas extraction increased by 2.9%, electricity, gas and steam and air conditioning increased by 1.4% and manufacturing increased by 1.3%. The fourth component of production, water supply industries, decreased by 0.5%.

### Construction

Construction output was estimated to have decreased by 0.5% in the third quarter of 2017, although this has been revised upwards from negative 0.9% in the [second estimate of GDP](#) due to the take-on of late survey returns and the latest seasonal adjustment of the data. This is the second consecutive quarter to contract after a sustained period of positive growth in all quarters since Quarter 4 (Oct to Dec) 2015.

Further information relating to the most recent quarter can be found in the [Construction output in Great Britain statistical bulletin](#).

## Agriculture

Agriculture, the sector that makes up the smallest proportion of total output, increased by 0.8% into Quarter 3 2017, revised up by 0.6 percentage points from the [second estimate of GDP](#). New data received have driven this revision.

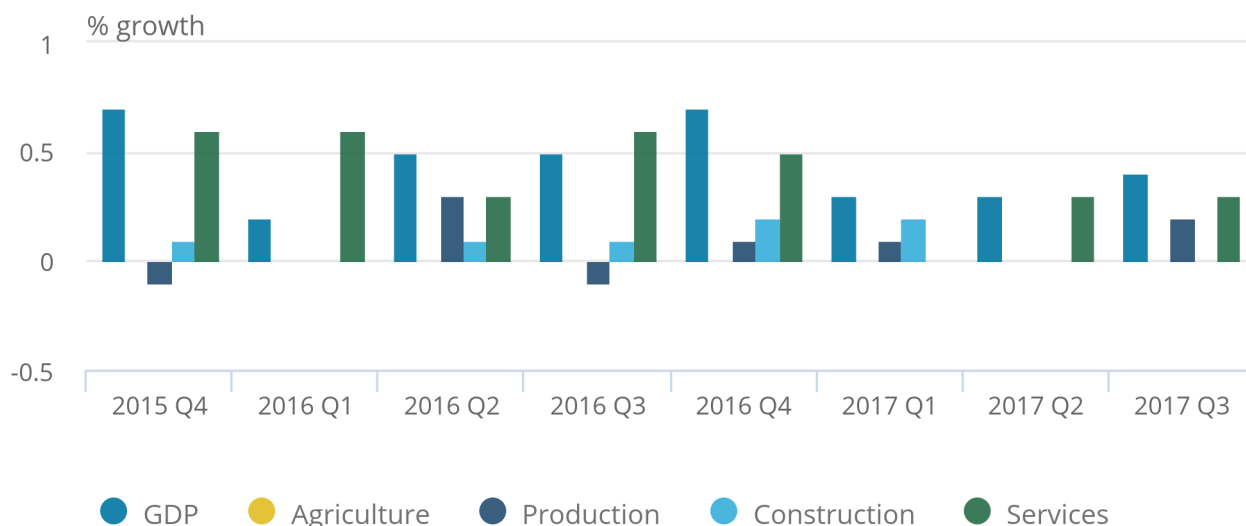
Figure 3 shows the contributions to GDP growth from the sectors of output. The services industries contributed most to GDP growth, with 0.3 percentage points in Quarter 3 2017, followed by production, with 0.2 percentage points. Throughout the periods shown in Figure 3, services have contributed most to GDP growth in all quarters.

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

Quarter 4 (Oct to Dec) 2015 to Quarter 3 (July to Sept) 2017

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

Quarter 4 (Oct to Dec) 2015 to Quarter 3 (July to Sept) 2017



Source: Office for National Statistics

#### Notes:

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



## 5 . Household spending leads contribution to growth in expenditure

The expenditure approach to measuring gross domestic product (GDP) increased by 0.4% between Quarter 2 (Apr to June) 2017 and Quarter 3 (July to Sept) 2017. The expenditure approach is the sum of all final expenditures within the economy, that is, all expenditure on goods and services that are not used up or transformed in the production process.

### Household final consumption expenditure (HHFCE)

HHFCE, or household spending, grew by 0.5% between Quarter 2 2017 and Quarter 3 2017. While this represents an increased rate of growth compared with the first two quarters of 2017, the underlying story is one of a slowdown in growth of household spending, with quarter on same quarter a year ago growth at 1.0%, the lowest rate since Quarter 1 (Jan to Mar) 2012.

Although the revisions to household spending are small they affect a number of quarters in 2016 and 2017. However, the quarterly path continues the narrative of stronger growth in household spending in 2016 with a slowdown in late 2016 and early 2017. Please see the [revisions to GDP section](#) for further information on the reasons for these revisions.

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

### General government final consumption expenditure (GGFCE)

GGFCE declined by 0.2% between Quarter 2 and Quarter 3 2017, revised from an increase of 0.3% in the [second estimate of GDP](#). The largest contributor to this decline was healthcare. Some estimates at this stage are based upon budgetary data and there is potential for revision when more outturn information becomes available throughout the financial year.

### Gross fixed capital formation (GFCF)

In Quarter 3 2017, GFCF increased by 0.3% compared with Quarter 2 2017. This was revised upwards by 0.1 percentage points from the [second estimate of GDP](#). Within GFCF, business investment grew by 0.5% in Quarter 3 2017, revised upwards by 0.3 percentage points from the second estimate of GDP. Information on the revisions to these series can be found in the [revisions to GDP section](#).

Further details of the asset and sector breakdown can be found within the [Business investment release](#).

### Trade in goods and services

In Quarter 3 2017, the net trade deficit widened slightly, to negative £7,833 million in volume terms, from negative £7,673 million in Quarter 2 2017. Total trade exports increased by 0.8% whilst total imports increased by 0.9%, between Quarter 2 and Quarter 3 2017.

The increase in total exports was due to an increase of 1.6% in services exported and a smaller increase of 0.2% in goods exported. The increase in services exported was due primarily to strength in other services, which includes research and development. The increase in goods exported was broad-based, with the largest increase seen in machinery and transport equipment.

The increase in total imports was due to an increase of 1.4% in goods imported, partially offset by a fall of 0.6% in services imported. The increase in goods imported was driven by increases in fuels, and machinery and transport equipment. The decrease in services imported was driven by other business services and sea transport.

The trade data used within this release have been subject to a number of revisions since the [second estimate of GDP](#) due to taking on updated survey data, further information about these is available in the [revisions to GDP section](#). These figures are though largely consistent with the monthly [UK trade release](#) published on 8 December 2017.

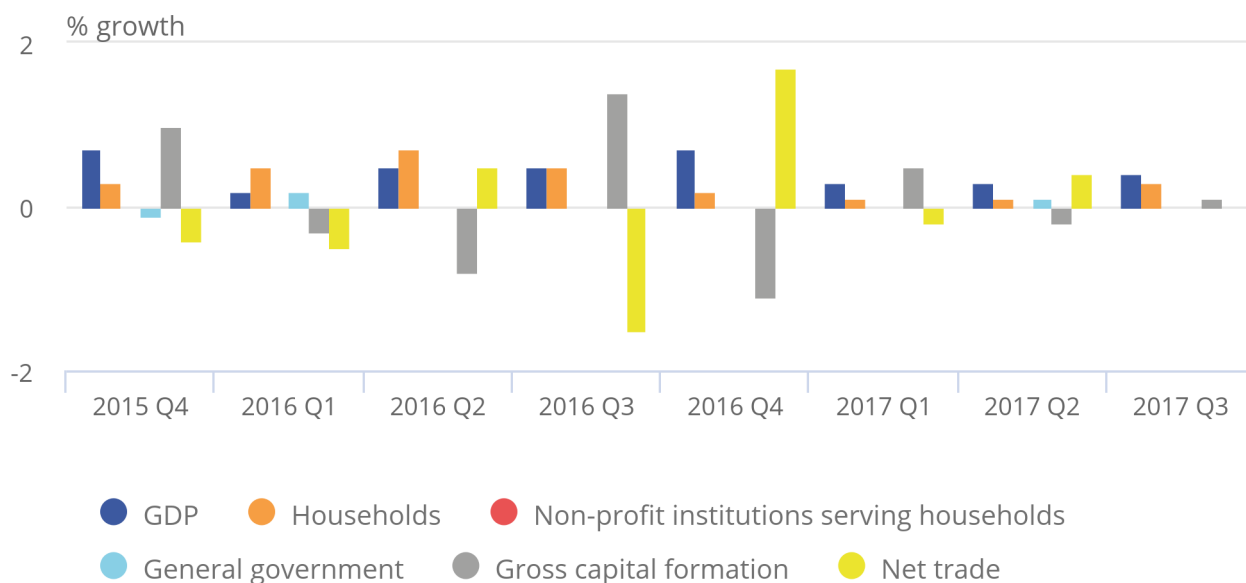
Figure 4 shows the quarterly contribution of the expenditure components to the growth of GDP in chained volume measures from Quarter 4 (Oct to Dec) 2015 to Quarter 3 2017. In the latest quarter the largest contribution to growth was from household spending, at 0.3 percentage points. The only other positive contributor to GDP growth was gross capital formation contributing 0.1 percentage points. All other components of the expenditure approach contributed neither positively nor negatively to GDP growth to one decimal place.

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

Quarter 4 (Oct to Dec) 2015 to Quarter 3 (July to Sept) 2017

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

Quarter 4 (Oct to Dec) 2015 to Quarter 3 (July to Sept) 2017



Source: Office for National Statistics

Notes:

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

## 6 . Nominal GDP unrevised with growth in all income components

Nominal gross domestic product (GDP), or GDP not adjusted to take account of inflation, increased by 0.7% between Quarter 2 (Apr to June) 2017 and Quarter 3 (July to Sept) 2017, unrevised from the [second estimate of GDP](#).

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

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

Within the income measure of GDP, all four components increased between Quarter 2 2017 and Quarter 3 2017.

### Compensation of employees (CoE)

CoE showed positive growth of 0.7% (seasonally adjusted) into Quarter 3 2017, unrevised from the [second estimate of GDP](#). There was growth across both wages and salaries, and employers' social contributions.

Across 2016 as a whole, CoE grew by 4.2%, revised up by 0.2 percentage points from the second estimate of GDP. Revisions to 2016 in particular were due to the inclusion of updated benchmark data for employers' social contributions; further information is available in the [revisions to GDP section](#).

### Taxes on products and production less subsidies

Taxes on products and production less subsidies showed an increase of 1.8% in Quarter 3 2017. This was revised upwards by 0.4 percentage points from the [second estimate of GDP](#) due to updated source data from HM Revenue and Customs.

### Other income

There was also an increase in other income, of 0.3%, revised upwards from 0.2% in the [second estimate of GDP](#). This category includes mixed income (mostly self-employment income) and the operating surplus of the non-corporate sector.

### Gross operating surplus of corporations

Gross operating surplus of corporations saw positive growth in Quarter 3 2017 of 0.1%. This includes the operating surplus of private corporations, private non-financial corporations and public corporations. This is in contrast to the previous quarter where this category of income experienced negative 0.8% growth in Quarter 2 2017.

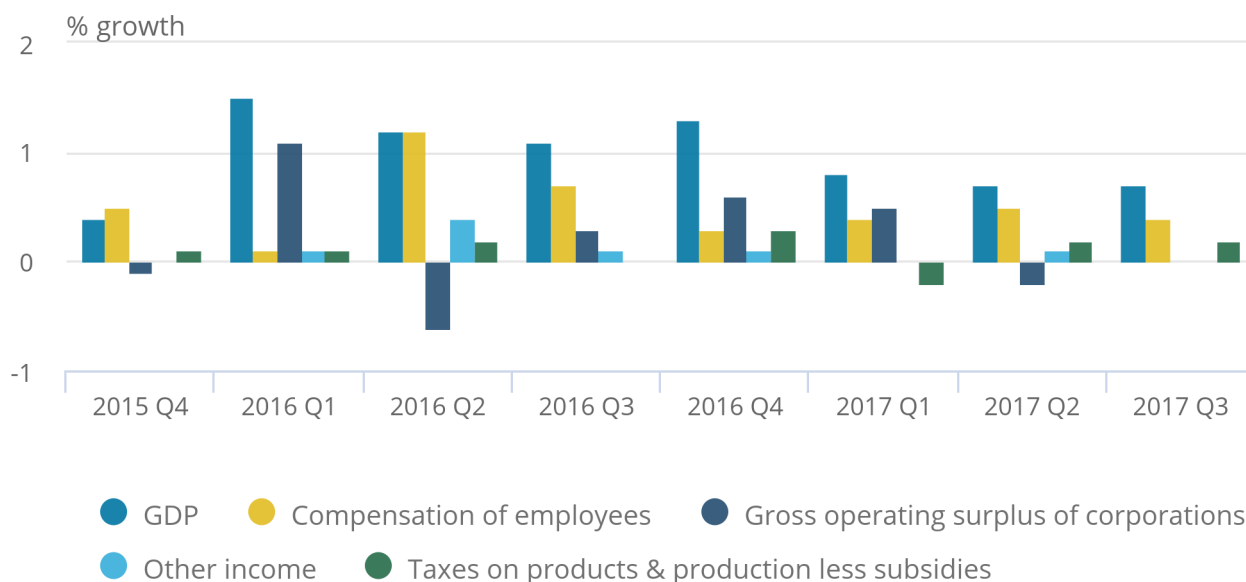
Figure 5 shows the contribution made by income components to current price GDP. CoE, followed by taxes on products and production less subsidies, were the largest contributors to the income measure of GDP.

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

Quarter 4 (Oct to Dec) 2015 to Quarter 3 (July to Sept) 2017

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

Quarter 4 (Oct to Dec) 2015 to Quarter 3 (July to Sept) 2017



Source: Office for National Statistics

#### Notes:

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

## 7. Revisions to GDP

### The use of Value Added Tax (VAT) turnover data

This release uses Value Added Tax (VAT) turnover data to estimate the output of small businesses for some industries in the output approach to gross domestic product (GDP) for the first time. The use of the VAT turnover dataset is one of the first steps towards transforming the data sources used in economic statistics by increasing quality through enhanced use of large externally-collected administrative data in conjunction with Office for National Statistics (ONS) surveys.

In this release VAT turnover has been used for selected industries previously covered by the Monthly Business Survey from Quarter 1 (Jan to Mar) 2016 to Quarter 2 (Apr to June) 2017. It has only been used to estimate growth rates, with the overall level of output still derived from the Annual Business Survey and other annual benchmark sources.

The revisions to total output-based gross value added due to the use of VAT turnover data and other revisions are shown in Table 2.

**Table 2: Revisions to UK output based gross value added**

|         | Quarter 1 (Jan to Mar) 2016 to Quarter 3 (July to Sept) 2017 |                             |                        |
|---------|--|-----------------------------|------------------------|
|         | % growth <sup>1</sup>  |                             |                        |
|         | <b>Total</b>   | <b>Revisions due to VAT</b> | <b>Other revisions</b> |
| Q1 2016 | 0.0  | 0.03                        | 0.00                   |
| Q2 2016 | -0.1   | -0.03                       | -0.05                  |
| Q3 2016 | 0.1  | 0.07                        | 0.01                   |
| Q4 2016 | 0.1  | 0.04                        | 0.03                   |
| Q1 2017 | 0.0  | 0.07                        | -0.06                  |
| Q2 2017 | 0.0  | 0.03                        | -0.01                  |
| Q3 2017 | 0.1  | 0.05                        | 0.02                   |

Source: Office for National Statistics

Notes:

1. Percentage change on previous quarter.

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

Further information on the use of VAT turnover and its impact, can be found in the [VAT turnover implementation into national accounts](#) article.

## The annual benchmarks

This release includes the processing and GDP balancing of a number of annual benchmarks for 2016 including:

- Annual International Trade in Services Survey (calendar year 2016)
- Financial Inquiries Surveys (calendar year 2016)
- Regulatory and administrative data for pension funds (calendar year 2016)
- Association of British Insurers data for industry 65 (Insurance, reinsurance and pension funding, except compulsory social security) (calendar year 2016)
- Local Government Final Outturn data for England and for Wales (financial year ending 2017)

These updates will help to improve the quality of our estimates where we are able to replace forecast and short-term estimates with more comprehensive annual survey data.

The impact from the use of VAT data and the implementation of the annual benchmarks on the 2016 dataset are presented for headline GDP along with the components of output, expenditure and income in the remainder of this section.

## **The headline picture**

Annual gross domestic product (GDP) in volume terms was estimated to have increased by 1.9% in 2016 compared with 2015, revised up by 0.1 percentage points from the [second estimate of GDP](#).

The periods open for revision in this release are Quarter 1 (Jan to Mar) 2016 onwards. Figure 6 shows quarterly revisions between latest and previously published estimates of GDP. There were upwards revisions to headline GDP in Quarter 3 (July to Sept) 2016 and Quarter 4 (Oct to Dec) 2016, all other periods remained unrevised.

The revision in Quarter 3 2016 was in part driven by increases in household spending in the expenditure approach and services in the output approach to measuring GDP. Within these components the revisions are driven primarily by the inclusion of annual benchmarks and use of VAT turnover respectively.

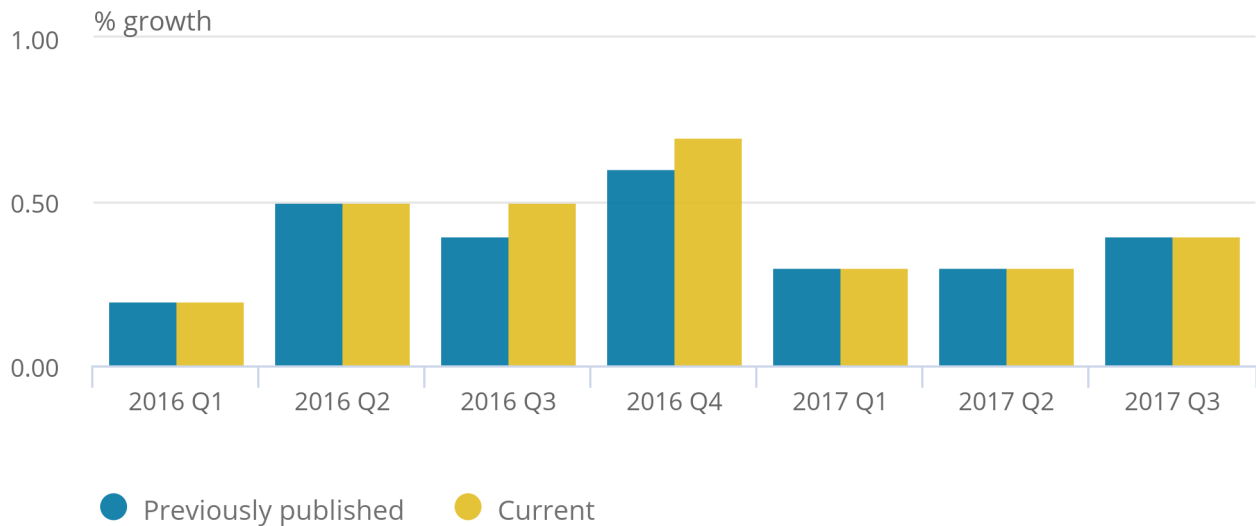
The revision in Quarter 4 2016 was driven in part by inventories in the expenditure approach and construction in the output approach. The revision to construction was driven by a combination of the introduction of VAT turnover data and late Monthly Business Survey returns.

## Figure 6: GDP for the UK, quarter-on-quarter growth

Quarter 1 (Jan to Mar) 2016 to Quarter 3 (July to Sept) 2017

### Figure 6: GDP for the UK, quarter-on-quarter growth

Quarter 1 (Jan to Mar) 2016 to Quarter 3 (July to Sept) 2017



Source: Office for National Statistics

#### Notes:

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

In addition to the annual benchmarks and implementation of VAT turnover, there are also revisions in this release due to the replacement of forecasts with actual survey or external source data and new seasonal adjustment factors.

## Changes to insurance and pensions

Annual benchmarks from ONS Financial Inquiries Surveys, regulatory administrative data for pension funds and data from the Association of British Insurers have been included in this round. These data sources have led to revisions across the three approaches to GDP:

- output – revisions to the insurance and reinsurance (65.1 to 2); pension funding (65.3); and activities auxiliary to financial services (66) industries
- income – revisions to the gross operating surplus of financial corporations and the employers' social contributions component of compensation of employees
- expenditure – revision to the miscellaneous category in household final consumption expenditure and trade in services

These annual benchmarks presented some challenges in a short quarterly production round, which included the identification of some uncertainty in respondent reporting and merger and acquisition activity. In this context, we took the decision to use these annual benchmarks to inform our short-term estimates rather than take them on fully. These data will be reassessed and potentially subject to further revision when this period is next open for revision in the Blue Book 2018-consistent quarterly national accounts dataset that will be published on 29 June 2018.

## Revisions to output

In the output measure of GDP, VAT turnover data have, for the first time, been used in the calculation of GDP. This release includes data from Index of Services based upon survey and VAT returns. The data for production and construction within this release are also based upon survey and VAT returns and so will differ from that published on 8 December 2017. On 10 January 2018, the production and construction bulletins will publish data consistent with this publication.

Annual benchmarks have also been taken on in the financial services industries as discussed in the changes to insurance and pensions section. These annual benchmarks impact the insurance and reinsurance (65.1 to 2), pension funding (65.3) and activities auxiliary to financial services (66) industries.

Detailed revisions to the sectors of output are shown in Table AE.

## Revisions to income components

Compensation of employees (CoE): CoE comprises two parts, wages and salaries, and employers' social contributions. For all quarters of 2016, revisions were due primarily to upward revisions to employers' social contributions. As discussed in the changes to insurance and pensions section, the largest contributor to these upward revisions were funded pension scheme data.

Detailed revisions to the income components are shown in Table AG.

## Revisions to expenditure components

Trade in services (TiS): Revisions to 2016 are due mainly to new, more robust (benchmark) data from the annual International Trade in Services Survey (ITIS) replacing earlier estimates from the quarterly ITIS surveys, which have a smaller sample size. Additionally, new annual Financial Inquiries data and new regulatory data have revised insurance services. Due to the new level of data in 2016 derived from the annual ITIS, there has been a knock-on effect in 2017 levels due to revised imputation.

Following this, the revised quarterly path needs to be constrained to the new annual level. The impact of the revised annual estimate does not have to be equally apportioned across the four quarters as statistical consideration has to be given to the pre-existing quarterly path and the impact of seasonal adjustment. This is why, although the overall annual revision may be upwards, there can still be downwards revisions to some of the quarterly growth rates.

Household final consumption expenditure (HHFCE): Revisions to 2016 and 2017 data are seen mainly in the Classification of Individual Consumption by Purpose (COICOP) miscellaneous category (12) and net tourism. As detailed in the changes to insurance and pensions section, the revision to miscellaneous is driven by new regulatory and administrative data for insurance corporations and pension funds. Revisions to net tourism, as discussed earlier, are in part due to the inclusion of updated annual ITIS survey data. There are also revisions due to other new data, including from the Department for Business, Energy and Industrial Strategy (BEIS) and the Living Costs and Food (LCF) Survey.



Gross Capital Formation (GCF): A small part of the revisions to the dwellings series are due to the use of updated construction data [which now incorporates VAT data](#). The majority of the revisions are caused by the inclusion of revised source data for 2016 and 2017. Similarly in the inventories series, a small part of the revisions are due to the use of updated construction deflators which now incorporate VAT data.

Detailed revisions to the expenditure components are shown in Table AF.

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

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

All of the areas included within our international comparisons saw positive growth in Quarter 3 (July to Sept) 2017, with all countries having growth rates within 0.4 percentage points of each other.

During Quarter 3 2017, several countries, including the UK, experienced the slowest growth of 0.4% among the European countries and G7 shown in Table 3. In this period, Germany experienced the highest growth at 0.8%. Japan experienced 0.6% growth in Quarter 3 2017, whilst France experienced growth of 0.5%. Growth in the UK economy was also the lowest of these countries in both Quarter 1 (Jan to Mar) and Quarter 2 (Apr to June).

The European Union (EU28) grew by 0.6%, marking 18 consecutive quarters of positive growth and in the same period, the group of Euro Area countries (EA19) grew by 0.8%.

All G7 countries are currently above pre-economic downturn peaks except for Italy whose GDP remains 6.0% below the pre-downturn peak (Quarter 1 2008). Canada shows signs of the strongest recovery at 17.5%, while the USA has the second strongest of 15.3%. The UK has the fourth strongest rate at 10.2%.

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

**Table 3: International GDP growth rate comparisons, chained volume measures, seasonally adjusted**

Quarter 1 (Jan to Mar) 2016 to Quarter 3 (July to Sept) 2017

% growth<sup>1</sup>

|         | EU28 <sup>2</sup> | EA19 <sup>3</sup> | G7 <sup>4</sup> | France | Germany | Italy | UK  | Canada | Japan | USA |
|---------|-------------------|-------------------|-----------------|--------|---------|-------|-----|--------|-------|-----|
| Q1 2016 | 0.5               | 0.1               | 0.4             | 0.6    | 0.6     | 0.3   | 0.2 | 0.6    | 0.5   | 0.2 |
| Q2 2016 | 0.3               | 0.6               | 0.4             | -0.1   | 0.5     | 0.1   | 0.5 | -0.3   | 0.4   | 0.5 |
| Q3 2016 | 0.4               | 0.7               | 0.4             | 0.1    | 0.3     | 0.2   | 0.5 | 1.1    | 0.2   | 0.4 |
| Q4 2016 | 0.6               | 0.4               | 0.7             | 0.6    | 0.4     | 0.4   | 0.7 | 0.6    | 0.3   | 0.6 |
| Q1 2017 | 0.6               | 0.3               | 0.6             | 0.5    | 0.9     | 0.5   | 0.3 | 0.9    | 0.4   | 0.3 |
| Q2 2017 | 0.7               | 0.8               | 0.7             | 0.6    | 0.6     | 0.3   | 0.3 | 1.0    | 0.7   | 0.3 |
| Q3 2017 | 0.6               | 0.8               | 0.6             | 0.5    | 0.8     | 0.4   | 0.4 | 0.4    | 0.6   | 0.4 |

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

Notes:

1. Percentage change on previous period
2. EU28 is the European Union.
3. EA19 is the eurozone.
4. G7 is the Group of Seven countries.
5. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).
6. Non UK countries and groupings may show revisions in the back series due to NSI revisions.

## 9 . Links to related statistics

### Release content

All data included within this release are seasonally adjusted.

### Economic context

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

### Business investment

Further details on business investment along with revision triangles and a real time database are available within the datasets of the [Business investment release](#), published on 22 December 2017.

## Index of Services

The [Index of Services publication](#) was published on 22 December 2017 and includes data for October 2017.

## National accounts articles

We have published an article detailed the [scope of the UK National Accounts Blue Book 2018](#) publication. Further articles discussing the methodological changes and impacts will be published and available from the [National accounts articles](#) web page.

## Use of Value Added Tax (VAT) in the UK National Accounts articles

We have published a number of articles explaining how VAT turnover data has been incorporated into the UK National Accounts estimates. The latest article discusses the [impact of using VAT data](#) in this quarterly national accounts publication.

## 10 . Are there any upcoming changes?

### GDP release schedule consultation

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

### Public service productivity

The upcoming Public service productivity release on 5 January 2018 contains a number of methods improvements, which result in data for the health component of government final consumption expenditure being different from those currently used in the national accounts. We plan to include these changes in the June edition of the Quarterly national accounts consistent with Blue Book 2018. All else being equal, the indicative impact of these changes on annual chained volume measure GDP growth is no greater than 0.1 percentage points.

### UK Economic Accounts (UKEA)

Office for National Statistics (ONS), like all government departments, has to ensure all of its outputs meet accessibility guidelines. As a result, from the Quarter 4 (Oct to Dec) 2017 (29 March 2018) release onwards, we will no longer be publishing a PDF file of the UK Economic Accounts (UKEA). The data contained in the current PDF file will continue to be available within the UKEA datasets that are currently published.

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

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

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

The size and direction of the quarterly alignment adjustments in Quarter 3 2017 indicate that in this quarter the level of expenditure is higher and the level of income is lower than the level of output before the alignment adjustment is taken into account.

Table 4 shows the balancing adjustments applied to the GDP estimates in this publication.

**Table 4: Balancing adjustments applied to the Quarterly National Accounts dataset for Quarter 1 (Jan to Mar) 2016 to Quarter 3 (July to Sept) 2017**

| GDP measurement approach and component adjustment applied to |                        | 2016 Q1 | 2016 Q2 | 2016 Q3 | 2016 Q4 | 2017 Q1 | 2017 Q2 | 2017 Q3 |
|--|------------------------|---------|---------|---------|---------|---------|---------|---------|
| Expenditure  |                        |         |         |         |         |         |         |         |
| Household final consumption expenditure                      | Current prices         |         | -270    |         |         |         |         |         |
|  | Chained volume measure |         | -270    |         |         |         |         |         |
| Government final consumption expenditure                     | Chained volume measure |         |         |         |         |         |         | -300    |
| Change in inventories  | Current price          |         |         |         |         |         | -700    | 300     |
|  | Chained volume measure |         |         |         |         |         | -1200   |         |
| Income   |                        |         |         |         |         |         |         |         |
| Gross operating surplus                                      |                        |         |         |         |         |         |         |         |
| Private non-financial corporations                           | Current prices         |         | -500    |         |         |         |         | -250    |
| Financial corporations                                       | Current prices         |         |         |         | 500     |         |         | -250    |

Source: Office for National Statistics

Notes:

1. Adjustments are in £ million.

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

## Further information

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

# A1 National accounts aggregates<sup>1,2</sup>

2015 = 100

|  | Value indices at current prices         |                                   | Chained volume indices                  |                                   |   |                                 | Implied deflators <sup>3</sup> |   |                                   |
|--|---|-----------------------------------|---|-----------------------------------|---|---------------------------------|--------------------------------|---|-----------------------------------|
|  | Gross domestic product at market prices | Gross value added at basic prices | Gross domestic product at market prices | Gross value added at basic prices | Gross national disposable income at market prices | Market sector gross value added | Gross national expenditure     | Gross domestic product at market prices | Gross value added at basic prices |
|  | YBEU                                    | YBEX                              | YBEZ                                    | CGCE                              | YBFP  | L48H                            | YBFV                           | YBGB                                    | CGBV                              |
| 2013   | 92.8                                    | 92.8                              | 94.8                                    | 94.2                              | 94.1  | 93.7                            | 98.8                           | 97.9                                    | 98.5                              |
| 2014   | 97.3                                    | 97.3                              | 97.7                                    | 97.6                              | 97.6  | 97.3                            | 99.9                           | 99.5                                    | 99.7                              |
| 2015   | 100.0                                   | 100.0                             | 100.0                                   | 100.0                             | 100.0   | 100.0                           | 100.0                          | 100.0                                   | 100.0                             |
| 2016   | 103.9                                   | 103.9                             | 101.9                                   | 101.7                             | 102.1   | 102.9                           | 101.6                          | 102.0                                   | 102.1                             |
| <b>Seasonally adjusted</b>   |   |                                   |   |                                   |   |                                 |                                |   |                                   |
| 2014 Q2  | 97.2                                    | 97.2                              | 97.4                                    | 97.1                              | 97.5  | 96.8                            | 100.2                          | 99.8                                    | 100.1                             |
| Q3   | 98.1                                    | 98.3                              | 98.1                                    | 98.0                              | 98.3  | 97.8                            | 100.3                          | 100.0                                   | 100.2                             |
| Q4   | 98.2                                    | 98.1                              | 98.8                                    | 99.0                              | 98.1  | 99.0                            | 99.7                           | 99.4                                    | 99.1                              |
| 2015 Q1  | 98.8                                    | 98.9                              | 99.2                                    | 99.3                              | 100.1   | 99.3                            | 99.6                           | 99.6                                    | 99.6                              |
| Q2   | 100.3                                   | 100.4                             | 99.8                                    | 99.9                              | 100.7   | 99.9                            | 100.7                          | 100.5                                   | 100.5                             |
| Q3   | 100.3                                   | 100.2                             | 100.2                                   | 100.1                             | 100.7   | 100.1                           | 100.3                          | 100.1                                   | 100.2                             |
| Q4   | 100.6                                   | 100.5                             | 100.9                                   | 100.8                             | 98.5  | 100.8                           | 99.4                           | 99.8                                    | 99.8                              |
| 2016 Q1  | 102.1                                   | 102.0                             | 101.1                                   | 100.9                             | 100.8   | 101.5                           | 100.5                          | 101.0                                   | 101.0                             |
| Q2   | 103.3                                   | 103.3                             | 101.6                                   | 101.4                             | 101.5   | 102.4                           | 101.3                          | 101.7                                   | 101.9                             |
| Q3   | 104.5                                   | 104.5                             | 102.1                                   | 101.9                             | 102.4   | 103.2                           | 102.1                          | 102.3                                   | 102.6                             |
| Q4   | 105.8                                   | 105.7                             | 102.9                                   | 102.7                             | 103.7   | 104.3                           | 102.5                          | 102.9                                   | 102.9                             |
| 2017 Q1  | 106.7                                   | 106.6                             | 103.2                                   | 103.0                             | 104.5   | 104.6                           | 103.1                          | 103.3                                   | 103.5                             |
| Q2   | 107.4                                   | 107.4                             | 103.5                                   | 103.3                             | 103.5   | 104.9                           | 103.3                          | 103.7                                   | 103.9                             |
| Q3   | 108.1                                   | 107.9                             | 103.9                                   | 103.7                             | 104.6   | 105.4                           | 103.5                          | 104.0                                   | 104.0                             |
| <b>Percentage change, latest year on previous year</b>                             |   |                                   |   |                                   |   |                                 |                                |   |                                   |
|  | IHYM                                    | KGL6                              | IHYP                                    | KGM7                              | KH6X  | L489                            | KH7D                           | IHYS                                    | KGM4                              |
| 2013   | 4.0                                     | 3.9                               | 2.1                                     | 1.5                               | 1.4   | 1.6                             | 1.3                            | 1.9                                     | 2.4                               |
| 2014   | 4.8                                     | 4.7                               | 3.1                                     | 3.5                               | 3.7   | 3.9                             | 1.2                            | 1.7                                     | 1.2                               |
| 2015   | 2.8                                     | 2.8                               | 2.3                                     | 2.5                               | 2.5   | 2.7                             | 0.1                            | 0.5                                     | 0.3                               |
| 2016   | 3.9                                     | 3.9                               | 1.9                                     | 1.7                               | 2.1   | 2.9                             | 1.6                            | 2.0                                     | 2.1                               |
| <b>Percentage change, latest quarter on previous quarter</b>                       |   |                                   |   |                                   |   |                                 |                                |   |                                   |
|  | IHYN                                    | KGL8                              | IHYQ                                    | KGM9                              | KH6Z  |                                 | KH7E                           | IHYT                                    | KGM5                              |
| 2014 Q2  | 1.7                                     | 1.8                               | 0.9                                     | 1.0                               | 1.0   | 1.1                             | 0.7                            | 0.8                                     | 0.7                               |
| Q3   | 0.9                                     | 1.1                               | 0.8                                     | 1.0                               | 0.8   | 1.0                             | 0.1                            | 0.2                                     | 0.2                               |
| Q4   | 0.1                                     | -0.1                              | 0.8                                     | 1.0                               | -0.2  | 1.2                             | -0.6                           | -0.6                                    | -1.2                              |
| 2015 Q1  | 0.6                                     | 0.8                               | 0.3                                     | 0.3                               | 2.0   | 0.3                             | -0.1                           | 0.2                                     | 0.5                               |
| Q2   | 1.6                                     | 1.5                               | 0.6                                     | 0.6                               | 0.6   | 0.6                             | 1.1                            | 1.0                                     | 0.9                               |
| Q3   | -                                       | -0.1                              | 0.4                                     | 0.2                               | -   | 0.3                             | -0.4                           | -0.4                                    | -0.3                              |
| Q4   | 0.4                                     | 0.3                               | 0.7                                     | 0.7                               | -2.1  | 0.7                             | -0.8                           | -0.4                                    | -0.4                              |
| 2016 Q1  | 1.5                                     | 1.4                               | 0.2                                     | 0.2                               | 2.3   | 0.7                             | 1.1                            | 1.3                                     | 1.3                               |
| Q2   | 1.2                                     | 1.3                               | 0.5                                     | 0.5                               | 0.7   | 0.9                             | 0.7                            | 0.7                                     | 0.8                               |
| Q3   | 1.1                                     | 1.2                               | 0.5                                     | 0.5                               | 0.9   | 0.8                             | 0.9                            | 0.6                                     | 0.7                               |
| Q4   | 1.3                                     | 1.1                               | 0.7                                     | 0.7                               | 1.2   | 1.0                             | 0.3                            | 0.5                                     | 0.3                               |
| 2017 Q1  | 0.8                                     | 0.9                               | 0.3                                     | 0.3                               | 0.8   | 0.3                             | 0.6                            | 0.5                                     | 0.6                               |
| Q2   | 0.7                                     | 0.7                               | 0.3                                     | 0.3                               | -1.0  | 0.3                             | 0.2                            | 0.4                                     | 0.4                               |
| Q3   | 0.7                                     | 0.5                               | 0.4                                     | 0.4                               | 1.1   | 0.5                             | 0.2                            | 0.3                                     | 0.1                               |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |   |                                   |   |                                   |   |                                 |                                |   |                                   |
|  | IHYO                                    | KGM2                              | IHYR                                    | KGN3                              | KH73  | L48D                            | KH7F                           | IHYU                                    | KGM6                              |
| 2014 Q2  | 5.7                                     | 5.5                               | 3.1                                     | 3.5                               | 3.6   | 3.7                             | 1.7                            | 2.5                                     | 2.0                               |
| Q3   | 4.9                                     | 5.1                               | 3.0                                     | 3.7                               | 3.8   | 4.1                             | 1.4                            | 1.8                                     | 1.3                               |
| Q4   | 4.3                                     | 4.3                               | 3.3                                     | 4.2                               | 2.7   | 4.7                             | 0.7                            | 1.0                                     | 0.1                               |
| 2015 Q1  | 3.3                                     | 3.6                               | 2.7                                     | 3.3                               | 3.6   | 3.7                             | 0.1                            | 0.6                                     | 0.3                               |
| Q2   | 3.2                                     | 3.3                               | 2.5                                     | 2.9                               | 3.3   | 3.1                             | 0.5                            | 0.7                                     | 0.4                               |
| Q3   | 2.3                                     | 2.0                               | 2.1                                     | 2.1                               | 2.5   | 2.3                             | -                              | 0.1                                     | -0.1                              |
| Q4   | 2.5                                     | 2.5                               | 2.1                                     | 1.7                               | 0.5   | 1.8                             | -0.2                           | 0.4                                     | 0.7                               |
| 2016 Q1  | 3.4                                     | 3.1                               | 1.9                                     | 1.6                               | 0.7   | 2.2                             | 0.9                            | 1.4                                     | 1.5                               |
| Q2   | 3.0                                     | 2.9                               | 1.8                                     | 1.5                               | 0.8   | 2.6                             | 0.5                            | 1.2                                     | 1.4                               |
| Q3   | 4.2                                     | 4.3                               | 2.0                                     | 1.8                               | 1.7   | 3.1                             | 1.9                            | 2.2                                     | 2.4                               |
| Q4   | 5.2                                     | 5.1                               | 2.0                                     | 1.9                               | 5.2   | 3.5                             | 3.1                            | 3.1                                     | 3.1                               |
| 2017 Q1  | 4.4                                     | 4.6                               | 2.1                                     | 2.1                               | 3.7   | 3.1                             | 2.5                            | 2.3                                     | 2.5                               |
| Q2   | 3.9                                     | 4.0                               | 1.9                                     | 1.9                               | 2.0   | 2.4                             | 2.1                            | 2.0                                     | 2.0                               |
| Q3   | 3.4                                     | 3.2                               | 1.7                                     | 1.7                               | 2.1   | 2.1                             | 1.4                            | 1.7                                     | 1.4                               |

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

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

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

# A2 National accounts aggregates<sup>1</sup>

£ million

|  | Current prices                         |                                     |   |  |                                   | Chained Volume Measures (Reference year 2015) |  |                                   |  |  |      |
|--|--|-------------------------------------|---|--|-----------------------------------|---|--|-----------------------------------|--|--|------|
|  | Gross national income at market prices | Net income from abroad <sup>2</sup> | Gross domestic product at market prices | less Basic price adjustment <sup>3</sup> | Gross value added at basic prices | Gross domestic product at market prices       | less Basic price adjustment <sup>3</sup> | Gross value added at basic prices | Gross value added excluding oil & gas <sup>4</sup> |  |      |
|  | ABMZ                                   | CAES                                | YBHA                                    | NTAP                                     | ABML                              | ABMI  | NTAO                                     | ABMM                              | KLS2   |  |      |
| 2013   | 1 716 163                              | -36 391                             | 1 752 554                               | 188 124                                  | 1 564 430                         | 1 790 750                                     | 203 243                                  | 1 588 004                         | 1 574 151  |  |      |
| 2014   | 1 799 248                              | -37 814                             | 1 837 062                               | 198 340                                  | 1 638 722                         | 1 845 444                                     | 201 472                                  | 1 644 002                         | 1 630 293  |  |      |
| 2015   | 1 845 800                              | -42 937                             | 1 888 737                               | 203 800                                  | 1 684 937                         | 1 888 737                                     | 203 800                                  | 1 684 937                         | 1 669 628  |  |      |
| 2016   | 1 912 927                              | -50 384                             | 1 963 311                               | 213 485                                  | 1 749 826                         | 1 925 299                                     | 211 541                                  | 1 713 758                         | 1 697 908  |  |      |
| <b>Seasonally adjusted</b>   |  |                                     |   |  |                                   |   |  |                                   |  |  |      |
| 2014 Q2  | 450 597                                | -8 326                              | 458 923                                 | 49 652                                   | 409 271                           | 459 702                                       | 50 728                                   | 409 007                           | 405 563  |  |      |
| Q3   | 452 528                                | -10 614                             | 463 142                                 | 49 166                                   | 413 976                           | 463 201                                       | 50 220                                   | 412 967                           | 409 632  |  |      |
| Q4   | 452 313                                | -11 391                             | 463 704                                 | 50 336                                   | 413 368                           | 466 727                                       | 49 485                                   | 417 178                           | 413 779  |  |      |
| 2015 Q1  | 456 239                                | -10 090                             | 466 329                                 | 49 737                                   | 416 592                           | 468 326                                       | 49 929                                   | 418 359                           | 414 746  |  |      |
| Q2   | 466 523                                | -7 078                              | 473 601                                 | 50 891                                   | 422 710                           | 471 018                                       | 50 301                                   | 420 702                           | 416 784  |  |      |
| Q3   | 465 691                                | -7 880                              | 473 571                                 | 51 445                                   | 422 126                           | 472 980                                       | 51 520                                   | 421 478                           | 417 732  |  |      |
| Q4   | 457 347                                | -17 889                             | 475 236                                 | 51 727                                   | 423 509                           | 476 413                                       | 52 050                                   | 424 398                           | 420 366  |  |      |
| 2016 Q1  | 467 394                                | -14 832                             | 482 226                                 | 52 720                                   | 429 506                           | 477 421                                       | 52 363                                   | 425 058                           | 421 194  |  |      |
| Q2   | 473 556                                | -14 383                             | 487 939                                 | 52 978                                   | 434 961                           | 479 693                                       | 52 702                                   | 426 991                           | 423 018  |  |      |
| Q3   | 482 398                                | -10 988                             | 493 386                                 | 53 127                                   | 440 259                           | 482 288                                       | 53 037                                   | 429 251                           | 425 015  |  |      |
| Q4   | 489 579                                | -10 181                             | 499 760                                 | 54 660                                   | 445 100                           | 485 897                                       | 53 439                                   | 432 458                           | 428 681  |  |      |
| 2017 Q1  | 495 163                                | -8 445                              | 503 608                                 | 54 515                                   | 449 093                           | 487 333                                       | 53 560                                   | 433 773                           | 429 871  |  |      |
| Q2   | 493 706                                | -13 214                             | 506 920                                 | 54 654                                   | 452 266                           | 488 817                                       | 53 715                                   | 435 102                           | 431 182  |  |      |
| Q3   | 498 854                                | -11 442                             | 510 296                                 | 55 883                                   | 454 413                           | 490 704                                       | 53 956                                   | 436 748                           | 432 700  |  |      |
| <b>Percentage change, latest year on previous year</b>                             |  |                                     |   |  |                                   |   |  |                                   |  |  |      |
|  | KH74                                   |                                     | IHYM                                    |  | KGL6                              |   | IHYP                                     |                                   | KGM7   |  | KLH8 |
| 2013   | 2.9                                    |                                     | 4.0                                     |  | 3.9                               |   | 2.1                                      |                                   | 1.5  |  | 1.5  |
| 2014   | 4.8                                    |                                     | 4.8                                     |  | 4.7                               |   | 3.1                                      |                                   | 3.5  |  | 3.6  |
| 2015   | 2.6                                    |                                     | 2.8                                     |  | 2.8                               |   | 2.3                                      |                                   | 2.5  |  | 2.4  |
| 2016   | 3.6                                    |                                     | 3.9                                     |  | 3.9                               |   | 1.9                                      |                                   | 1.7  |  | 1.7  |
| <b>Percentage change, latest quarter on previous quarter</b>                       |  |                                     |   |  |                                   |   |  |                                   |  |  |      |
|  | KH75                                   |                                     | IHYN                                    |  | KGL8                              |   | IHYQ                                     |                                   | KGM9   |  |      |
| 2014 Q2  | 1.5                                    |                                     | 1.7                                     |  | 1.8                               |   | 0.9                                      |                                   | 1.0  |  | 1.1  |
| Q3   | 0.4                                    |                                     | 0.9                                     |  | 1.1                               |   | 0.8                                      |                                   | 1.0  |  | 1.0  |
| Q4   | -                                      |                                     | 0.1                                     |  | -0.1                              |   | 0.8                                      |                                   | 1.0  |  | 1.0  |
| 2015 Q1  | 0.9                                    |                                     | 0.6                                     |  | 0.8                               |   | 0.3                                      |                                   | 0.3  |  | 0.2  |
| Q2   | 2.3                                    |                                     | 1.6                                     |  | 1.5                               |   | 0.6                                      |                                   | 0.6  |  | 0.5  |
| Q3   | -0.2                                   |                                     | -                                       |  | -0.1                              |   | 0.4                                      |                                   | 0.2  |  | 0.2  |
| Q4   | -1.8                                   |                                     | 0.4                                     |  | 0.3                               |   | 0.7                                      |                                   | 0.7  |  | 0.6  |
| 2016 Q1  | 2.2                                    |                                     | 1.5                                     |  | 1.4                               |   | 0.2                                      |                                   | 0.2  |  | 0.2  |
| Q2   | 1.3                                    |                                     | 1.2                                     |  | 1.3                               |   | 0.5                                      |                                   | 0.5  |  | 0.4  |
| Q3   | 1.9                                    |                                     | 1.1                                     |  | 1.2                               |   | 0.5                                      |                                   | 0.5  |  | 0.5  |
| Q4   | 1.5                                    |                                     | 1.3                                     |  | 1.1                               |   | 0.7                                      |                                   | 0.7  |  | 0.9  |
| 2017 Q1  | 1.1                                    |                                     | 0.8                                     |  | 0.9                               |   | 0.3                                      |                                   | 0.3  |  | 0.3  |
| Q2   | -0.3                                   |                                     | 0.7                                     |  | 0.7                               |   | 0.3                                      |                                   | 0.3  |  | 0.3  |
| Q3   | 1.0                                    |                                     | 0.7                                     |  | 0.5                               |   | 0.4                                      |                                   | 0.4  |  | 0.4  |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |  |                                     |   |  |                                   |   |  |                                   |  |  |      |
|  | KH76                                   |                                     | IHYO                                    |  | KGM2                              |   | IHYR                                     |                                   | KGN3   |  | KLH9 |
| 2014 Q2  | 5.2                                    |                                     | 5.7                                     |  | 5.5                               |   | 3.1                                      |                                   | 3.5  |  | 3.4  |
| Q3   | 4.6                                    |                                     | 4.9                                     |  | 5.1                               |   | 3.0                                      |                                   | 3.7  |  | 3.9  |
| Q4   | 3.8                                    |                                     | 4.3                                     |  | 4.3                               |   | 3.3                                      |                                   | 4.2  |  | 4.3  |
| 2015 Q1  | 2.8                                    |                                     | 3.3                                     |  | 3.6                               |   | 2.7                                      |                                   | 3.3  |  | 3.3  |
| Q2   | 3.5                                    |                                     | 3.2                                     |  | 3.3                               |   | 2.5                                      |                                   | 2.9  |  | 2.8  |
| Q3   | 2.9                                    |                                     | 2.3                                     |  | 2.0                               |   | 2.1                                      |                                   | 2.1  |  | 2.0  |
| Q4   | 1.1                                    |                                     | 2.5                                     |  | 2.5                               |   | 2.1                                      |                                   | 1.7  |  | 1.6  |
| 2016 Q1  | 2.4                                    |                                     | 3.4                                     |  | 3.1                               |   | 1.9                                      |                                   | 1.6  |  | 1.6  |
| Q2   | 1.5                                    |                                     | 3.0                                     |  | 2.9                               |   | 1.8                                      |                                   | 1.5  |  | 1.5  |
| Q3   | 3.6                                    |                                     | 4.2                                     |  | 4.3                               |   | 2.0                                      |                                   | 1.8  |  | 1.7  |
| Q4   | 7.0                                    |                                     | 5.2                                     |  | 5.1                               |   | 2.0                                      |                                   | 1.9  |  | 2.0  |
| 2017 Q1  | 5.9                                    |                                     | 4.4                                     |  | 4.6                               |   | 2.1                                      |                                   | 2.1  |  | 2.1  |
| Q2   | 4.3                                    |                                     | 3.9                                     |  | 4.0                               |   | 1.9                                      |                                   | 1.9  |  | 1.9  |
| Q3   | 3.4                                    |                                     | 3.4                                     |  | 3.2                               |   | 1.7                                      |                                   | 1.7  |  | 1.8  |

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

2 Includes employment, entrepreneurial and property income.

3 Taxes on products less subsidies.

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

# B1 Gross value added at chained volume measures basic prices, by category of output<sup>1,2</sup>

2015 = 100

|  | Production                          |  |                |                            |                        |       |               | Service industries                   |                                       |                               |                                |       | Gross value added <sup>4</sup> | Gross value added excluding oil & gas |
|--|-------------------------------------|--|----------------|----------------------------|------------------------|-------|---------------|--------------------------------------|---------------------------------------|-------------------------------|--------------------------------|-------|--------------------------------|---------------------------------------|
|  | Agri-culture, forestry, and fishing | Mining & quarrying inc oil & gas extract | Manu-facturing | Electric, gas, steam & air | Water supply, sewerage | Total | Constru-ction | Distri-bution, hotels & restaura-nts | Transport storage and commu-nications | Business services and finance | Govern-ment and other services | Total |                                |                                       |
| <b>2015 Weights<sup>3</sup></b>  | 7                                   | 12                                       | 101            | 17                         | 10                     | 140   | 61            | 137                                  | 104                                   | 329                           | 222                            | 793   | 1000                           | 991                                   |
|  | L2KL                                | L2KR                                     | L2KX           | L2MW                       | L2N2                   | L2KQ  | L2N8          | L2PZ                                 | KI8M                                  | KI8O                          | KI8Q                           | L2NC  | CGCE                           | KLH7                                  |
| 2013   | 88.0                                | 91.9                                     | 97.2           | 105.1                      | 96.1                   | 97.3  | 87.9          | 91.2                                 | 93.6                                  | 94.1                          | 96.7                           | 94.3  | 94.2                           | 94.3                                  |
| 2014   | 98.8                                | 92.5                                     | 100.0          | 99.0                       | 96.7                   | 98.8  | 95.7          | 95.5                                 | 96.2                                  | 97.7                          | 99.1                           | 97.5  | 97.6                           | 97.6                                  |
| 2015   | 100.0                               | 100.0                                    | 100.0          | 100.0                      | 100.0                  | 100.0 | 100.0         | 100.0                                | 100.0                                 | 100.0                         | 100.0                          | 100.0 | 100.0                          | 100.0                                 |
| 2016   | 94.4                                | 100.0                                    | 100.9          | 102.6                      | 105.2                  | 101.3 | 103.9         | 104.7                                | 104.7                                 | 102.2                         | 100.6                          | 102.5 | 101.7                          | 101.7                                 |
| <b>Seasonally adjusted</b>   |                                     |  |                |                            |                        |       |               |                                      |                                       |                               |                                |       |                                |                                       |
| 2014 Q2  | 97.9                                | 92.6                                     | 99.8           | 98.1                       | 96.0                   | 98.5  | 94.6          | 95.0                                 | 95.3                                  | 97.3                          | 98.8                           | 97.0  | 97.1                           | 97.2                                  |
| Q3   | 99.6                                | 91.6                                     | 100.3          | 101.2                      | 95.4                   | 99.0  | 97.5          | 95.9                                 | 96.8                                  | 98.1                          | 99.4                           | 97.9  | 98.0                           | 98.1                                  |
| Q4   | 101.9                               | 92.9                                     | 100.7          | 99.4                       | 96.5                   | 99.3  | 97.9          | 97.6                                 | 98.5                                  | 99.2                          | 100.0                          | 99.1  | 99.0                           | 99.1                                  |
| 2015 Q1  | 100.0                               | 93.9                                     | 100.6          | 101.8                      | 97.0                   | 99.7  | 99.4          | 98.6                                 | 98.6                                  | 99.4                          | 99.6                           | 99.2  | 99.3                           | 99.4                                  |
| Q2   | 100.7                               | 102.2                                    | 100.0          | 99.6                       | 100.9                  | 100.3 | 100.1         | 99.6                                 | 99.7                                  | 99.7                          | 100.0                          | 99.8  | 99.9                           | 99.9                                  |
| Q3   | 100.3                               | 103.6                                    | 99.6           | 100.2                      | 100.8                  | 100.2 | 99.7          | 100.2                                | 100.6                                 | 100.2                         | 99.8                           | 100.1 | 100.1                          | 100.1                                 |
| Q4   | 99.0                                | 100.3                                    | 99.8           | 98.5                       | 101.3                  | 99.8  | 100.8         | 101.5                                | 101.1                                 | 100.7                         | 100.6                          | 100.9 | 100.8                          | 100.7                                 |
| 2016 Q1  | 95.1                                | 97.8                                     | 99.8           | 99.8                       | 102.7                  | 99.8  | 101.2         | 103.0                                | 102.6                                 | 101.4                         | 100.9                          | 101.7 | 100.9                          | 100.9                                 |
| Q2   | 94.1                                | 100.2                                    | 101.2          | 105.4                      | 105.4                  | 101.9 | 102.8         | 103.9                                | 103.0                                 | 102.0                         | 100.6                          | 102.0 | 101.4                          | 101.3                                 |
| Q3   | 93.9                                | 105.5                                    | 100.6          | 101.0                      | 105.8                  | 101.4 | 104.1         | 105.1                                | 105.8                                 | 102.5                         | 100.5                          | 102.9 | 101.9                          | 101.8                                 |
| Q4   | 94.6                                | 96.5                                     | 102.1          | 104.1                      | 107.0                  | 102.2 | 107.4         | 106.8                                | 107.4                                 | 103.0                         | 100.2                          | 103.4 | 102.7                          | 102.7                                 |
| 2017 Q1  | 93.8                                | 99.3                                     | 102.7          | 100.4                      | 109.4                  | 102.6 | 110.0         | 106.2                                | 106.3                                 | 103.4                         | 100.7                          | 103.5 | 103.0                          | 103.0                                 |
| Q2   | 93.7                                | 100.4                                    | 102.6          | 100.2                      | 108.4                  | 102.5 | 109.7         | 106.7                                | 107.7                                 | 103.5                         | 101.0                          | 103.9 | 103.3                          | 103.3                                 |
| Q3   | 94.5                                | 103.3                                    | 103.9          | 101.6                      | 107.8                  | 103.9 | 109.1         | 107.3                                | 107.7                                 | 104.2                         | 101.0                          | 104.3 | 103.7                          | 103.7                                 |
| <b>Percentage change, latest year on previous year</b>                             |                                     |  |                |                            |                        |       |               |                                      |                                       |                               |                                |       |                                |                                       |
|  | L3BB                                | L3BH                                     | L3BN           | L3DM                       | L3DQ                   | L3BG  | L3DW          | L3GP                                 | KI8L                                  | KI8N                          | KI8P                           | L3E2  | KGM7                           | KLH8                                  |
| 2013   | 0.5                                 | -2.8                                     | -1.0           | -0.2                       | 4.2                    | -0.7  | 1.5           | 3.4                                  | 1.7                                   | 2.4                           | 0.4                            | 1.9   | 1.5                            | 1.5                                   |
| 2014   | 12.2                                | 0.6                                      | 2.9            | -5.8                       | 0.6                    | 1.5   | 9.0           | 4.7                                  | 2.7                                   | 3.8                           | 2.4                            | 3.4   | 3.5                            | 3.6                                   |
| 2015   | 1.2                                 | 8.1                                      | -              | 1.0                        | 3.4                    | 1.2   | 4.4           | 4.7                                  | 4.0                                   | 2.4                           | 0.9                            | 2.6   | 2.5                            | 2.4                                   |
| 2016   | -5.6                                | -  | 0.9            | 2.6                        | 5.2                    | 1.3   | 3.9           | 4.7                                  | 4.7                                   | 2.2                           | 0.6                            | 2.5   | 1.7                            | 1.7                                   |
| <b>Percentage change, latest quarter on previous quarter</b>                       |                                     |  |                |                            |                        |       |               |                                      |                                       |                               |                                |       |                                |                                       |
|  |                                     |  |                |                            |                        |       |               |                                      |                                       |                               |                                |       | KGM9                           |                                       |
| 2014 Q2  | 2.2                                 | -0.1                                     | 0.6            | 0.7                        | -2.9                   | 0.2   | 1.9           | 1.5                                  | 1.4                                   | 1.2                           | 0.7                            | 1.1   | 1.0                            | 1.1                                   |
| Q3   | 1.7                                 | -1.0                                     | 0.5            | 3.2                        | -0.6                   | 0.5   | 3.0           | 1.0                                  | 1.6                                   | 0.9                           | 0.6                            | 0.9   | 1.0                            | 1.0                                   |
| Q4   | 2.3                                 | 1.4                                      | 0.4            | -1.8                       | 1.2                    | 0.3   | 0.4           | 1.8                                  | 1.8                                   | 1.1                           | 0.6                            | 1.2   | 1.0                            | 1.0                                   |
| 2015 Q1  | -1.8                                | 1.0                                      | -0.1           | 2.4                        | 0.5                    | 0.3   | 1.6           | 1.0                                  | 0.1                                   | 0.2                           | -0.4                           | 0.1   | 0.3                            | 0.2                                   |
| Q2   | 0.6                                 | 8.8                                      | -0.6           | -2.2                       | 4.0                    | 0.6   | 0.7           | 1.0                                  | 1.1                                   | 0.4                           | 0.4                            | 0.6   | 0.6                            | 0.5                                   |
| Q3   | -0.3                                | 1.4                                      | -0.4           | 0.7                        | -                      | -     | -0.4          | 0.6                                  | 0.9                                   | 0.4                           | -0.1                           | 0.4   | 0.2                            | 0.2                                   |
| Q4   | -1.3                                | -3.1                                     | 0.1            | -1.8                       | 0.5                    | -0.4  | 1.2           | 1.3                                  | 0.5                                   | 0.6                           | 0.8                            | 0.7   | 0.7                            | 0.6                                   |
| 2016 Q1  | -4.0                                | -2.5                                     | -              | 1.4                        | 1.3                    | -     | 0.4           | 1.5                                  | 1.5                                   | 0.7                           | 0.3                            | 0.8   | 0.2                            | 0.2                                   |
| Q2   | -1.0                                | 2.4                                      | 1.4            | 5.6                        | 2.7                    | 2.1   | 1.6           | 0.9                                  | 0.4                                   | 0.5                           | -0.3                           | 0.3   | 0.5                            | 0.4                                   |
| Q3   | -0.2                                | 5.3                                      | -0.6           | -4.2                       | 0.3                    | -0.5  | 1.2           | 1.2                                  | 2.8                                   | 0.6                           | -                              | 0.8   | 0.5                            | 0.5                                   |
| Q4   | 0.7                                 | -8.5                                     | 1.5            | 3.1                        | 1.2                    | 0.8   | 3.2           | 1.6                                  | 1.5                                   | 0.4                           | -0.3                           | 0.6   | 0.7                            | 0.9                                   |
| 2017 Q1  | -0.8                                | 2.9                                      | 0.6            | -3.5                       | 2.3                    | 0.4   | 2.4           | -0.6                                 | -1.0                                  | 0.4                           | 0.5                            | 0.1   | 0.3                            | 0.3                                   |
| Q2   | -0.1                                | 1.1                                      | -0.1           | -0.2                       | -1.0                   | -0.1  | -0.3          | 0.5                                  | 1.4                                   | 0.1                           | 0.3                            | 0.4   | 0.3                            | 0.3                                   |
| Q3   | 0.8                                 | 2.9                                      | 1.3            | 1.4                        | -0.5                   | 1.3   | -0.5          | 0.5                                  | -                                     | 0.7                           | -                              | 0.4   | 0.4                            | 0.4                                   |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |                                     |  |                |                            |                        |       |               |                                      |                                       |                               |                                |       |                                |                                       |
|  | L3ZZ                                | L427                                     | L42D           | L44C                       | L44G                   | L426  | L44M          | L47F                                 | KI12                                  | KI19                          | KI18                           | L44Q  | KGN3                           | KLH9                                  |
| 2014 Q2  | 12.3                                | 1.5                                      | 2.9            | -8.6                       | 1.8                    | 1.5   | 9.3           | 4.4                                  | 1.8                                   | 3.8                           | 2.5                            | 3.3   | 3.5                            | 3.4                                   |
| Q3   | 12.2                                | -2.2                                     | 3.0            | -                          | -3.3                   | 1.4   | 9.4           | 4.3                                  | 4.0                                   | 3.8                           | 3.0                            | 3.7   | 3.7                            | 3.9                                   |
| Q4   | 13.6                                | -0.4                                     | 2.9            | -3.4                       | -2.5                   | 1.3   | 8.4           | 5.9                                  | 5.5                                   | 4.5                           | 2.9                            | 4.4   | 4.2                            | 4.3                                   |
| 2015 Q1  | 4.4                                 | 1.3                                      | 1.4            | 4.4                        | -1.9                   | 1.4   | 7.0           | 5.4                                  | 5.0                                   | 3.4                           | 1.4                            | 3.4   | 3.3                            | 3.3                                   |
| Q2   | 2.8                                 | 10.4                                     | 0.2            | 1.5                        | 5.1                    | 1.8   | 5.7           | 4.9                                  | 4.7                                   | 2.6                           | 1.2                            | 2.9   | 2.9                            | 2.8                                   |
| Q3   | 0.7                                 | 13.1                                     | -0.7           | -1.0                       | 5.7                    | 1.2   | 2.2           | 4.5                                  | 3.9                                   | 2.1                           | 0.5                            | 2.3   | 2.1                            | 2.0                                   |
| Q4   | -2.8                                | 7.9                                      | -0.9           | -0.9                       | 5.0                    | 0.5   | 3.0           | 4.0                                  | 2.6                                   | 1.5                           | 0.6                            | 1.8   | 1.7                            | 1.6                                   |
| 2016 Q1  | -5.0                                | 4.2                                      | -0.8           | -1.9                       | 5.9                    | 0.1   | 1.8           | 4.5                                  | 4.0                                   | 2.1                           | 1.3                            | 2.5   | 1.6                            | 1.6                                   |
| Q2   | -6.5                                | -1.9                                     | 1.2            | 5.9                        | 4.5                    | 1.7   | 2.8           | 4.3                                  | 3.3                                   | 2.2                           | 0.6                            | 2.3   | 1.5                            | 1.5                                   |
| Q3   | -6.4                                | 1.8                                      | 0.9            | 0.7                        | 4.9                    | 1.2   | 4.5           | 4.9                                  | 5.2                                   | 2.3                           | 0.7                            | 2.7   | 1.8                            | 1.7                                   |
| Q4   | -4.4                                | -3.8                                     | 2.3            | 5.7                        | 5.6                    | 2.4   | 6.5           | 5.2                                  | 6.3                                   | 2.2                           | -0.4                           | 2.5   | 1.9                            | 2.0                                   |
| 2017 Q1  | -1.3                                | 1.6                                      | 2.9            | 0.6                        | 6.5                    | 2.8   | 8.6           | 3.0                                  | 3.6                                   | 1.9                           | -0.2                           | 1.8   | 2.1                            | 2.1                                   |
| Q2   | -0.4                                | 0.2                                      | 1.4            | -5.0                       | 2.8                    | 0.6   | 6.6           | 2.7                                  | 4.6                                   | 1.5                           | 0.4                            | 1.8   | 1.9                            | 1.9                                   |
| Q3   | 0.6                                 | -2.1                                     | 3.3            | 0.6                        | 2.0                    | 2.4   | 4.8           | 2.0                                  | 1.8                                   | 1.6                           | 0.4                            | 1.4   | 1.7                            | 1.8                                   |

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

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

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

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



# B2 Gross value added at chained volume measures basic prices, by category of output<sup>1,2</sup>

2015 = 100

| Service industries   |                            |                                      |                               |                                    |             |   |  |           |                        |                             |                |
|--|----------------------------|--------------------------------------|-------------------------------|------------------------------------|-------------|---|--|-----------|------------------------|-----------------------------|----------------|
|  | Wholesale and retail trade | Transport storage and communications | Accommodation & food services | Financial and insurance activities | Real estate | Professional scientific admin & support | Public admin, defence, social security | Education | Health and social work | Other services <sup>4</sup> | Total services |
| <b>2015 Weights<sup>3</sup></b>  | 108                        | 104                                  | 29                            | 68                                 | 139         | 122                                     | 47                                     | 61        | 74                     | 41                          | 793            |
|  | L2NE                       | KI8M                                 | L2NQ                          | L2O6                               | L2OC        | L2OH                                    | L2P8                                   | L2PA      | L2PC                   | L2Q5                        | L2NC           |
| 2013   | 90.9                       | 93.6                                 | 92.5                          | 104.5                              | 94.4        | 88.1                                    | 103.4                                  | 96.5      | 95.3                   | 92.1                        | 94.3           |
| 2014   | 95.6                       | 96.2                                 | 95.2                          | 103.2                              | 97.3        | 94.9                                    | 101.8                                  | 98.3      | 98.7                   | 97.9                        | 97.5           |
| 2015   | 100.0                      | 100.0                                | 100.0                         | 100.0                              | 100.0       | 100.0                                   | 100.0                                  | 100.0     | 100.0                  | 100.0                       | 100.0          |
| 2016   | 104.9                      | 104.7                                | 104.0                         | 100.4                              | 100.8       | 104.9                                   | 98.6                                   | 99.9      | 102.2                  | 100.8                       | 102.5          |
| <b>Seasonally adjusted</b>   |                            |                                      |                               |                                    |             |   |  |           |                        |                             |                |
| 2014 Q2  | 95.0                       | 95.3                                 | 94.7                          | 103.6                              | 97.0        | 93.9                                    | 101.8                                  | 98.2      | 98.0                   | 97.9                        | 97.0           |
| Q3   | 96.0                       | 96.8                                 | 95.5                          | 102.9                              | 97.8        | 95.7                                    | 101.8                                  | 98.7      | 99.1                   | 98.0                        | 97.9           |
| Q4   | 97.8                       | 98.5                                 | 97.2                          | 103.4                              | 98.1        | 98.0                                    | 101.8                                  | 99.0      | 100.0                  | 99.2                        | 99.1           |
| 2015 Q1  | 98.6                       | 98.6                                 | 98.8                          | 102.5                              | 98.9        | 98.1                                    | 101.0                                  | 99.5      | 98.9                   | 99.2                        | 99.2           |
| Q2   | 99.7                       | 99.7                                 | 99.3                          | 99.7                               | 100.0       | 99.5                                    | 100.4                                  | 100.0     | 100.0                  | 99.5                        | 99.8           |
| Q3   | 100.3                      | 100.6                                | 99.8                          | 98.4                               | 100.6       | 100.8                                   | 99.4                                   | 100.2     | 100.4                  | 98.7                        | 100.1          |
| Q4   | 101.4                      | 101.1                                | 102.0                         | 99.4                               | 100.6       | 101.6                                   | 99.2                                   | 100.3     | 100.7                  | 102.6                       | 100.9          |
| 2016 Q1  | 103.4                      | 102.6                                | 101.8                         | 99.8                               | 101.1       | 102.6                                   | 99.0                                   | 100.1     | 102.3                  | 101.6                       | 101.7          |
| Q2   | 104.1                      | 103.0                                | 103.3                         | 100.0                              | 100.8       | 104.4                                   | 98.5                                   | 99.8      | 102.3                  | 101.1                       | 102.0          |
| Q3   | 105.1                      | 105.8                                | 105.1                         | 101.2                              | 100.6       | 105.5                                   | 98.5                                   | 99.6      | 102.3                  | 101.2                       | 102.9          |
| Q4   | 107.1                      | 107.4                                | 105.7                         | 100.5                              | 100.6       | 106.9                                   | 98.5                                   | 100.0     | 102.0                  | 99.3                        | 103.4          |
| 2017 Q1  | 106.0                      | 106.3                                | 106.7                         | 101.2                              | 101.0       | 107.3                                   | 98.5                                   | 100.9     | 102.4                  | 99.8                        | 103.5          |
| Q2   | 106.8                      | 107.7                                | 106.3                         | 100.9                              | 101.3       | 107.4                                   | 98.8                                   | 100.9     | 102.6                  | 100.6                       | 103.9          |
| Q3   | 107.6                      | 107.7                                | 106.2                         | 101.0                              | 101.5       | 109.0                                   | 99.0                                   | 101.5     | 102.8                  | 99.3                        | 104.3          |
| <b>Percentage change, latest year on previous year</b>                                 |                            |                                      |                               |                                    |             |   |  |           |                        |                             |                |
|  | L3E4                       | KI8L                                 | L3EG                          | L3EU                               | L3F2        | L3F7                                    | L3FW                                   | L3FY      | L3G2                   | L3GT                        | L3E2           |
| 2013   | 4.9                        | 1.7                                  | -2.6                          | -2.2                               | 2.3         | 5.4                                     | -2.2                                   | 0.8       | 2.5                    | -1.0                        | 1.9            |
| 2014   | 5.2                        | 2.7                                  | 2.9                           | -1.2                               | 3.1         | 7.7                                     | -1.6                                   | 1.8       | 3.6                    | 6.3                         | 3.4            |
| 2015   | 4.6                        | 4.0                                  | 5.1                           | -3.1                               | 2.8         | 5.4                                     | -1.8                                   | 1.8       | 1.3                    | 2.2                         | 2.6            |
| 2016   | 4.9                        | 4.7                                  | 4.0                           | 0.4                                | 0.8         | 4.9                                     | -1.4                                   | -0.1      | 2.2                    | 0.8                         | 2.5            |
| <b>Percentage change, latest quarter on previous quarter</b>                           |                            |                                      |                               |                                    |             |   |  |           |                        |                             |                |
| 2014 Q2  | 1.5                        | 1.4                                  | 1.4                           | 0.6                                | 0.8         | 2.0                                     | -0.2                                   | 1.1       | 0.4                    | 1.4                         | 1.1            |
| Q3   | 1.0                        | 1.6                                  | 0.9                           | -0.7                               | 0.7         | 2.0                                     | -                                      | 0.5       | 1.2                    | 0.1                         | 0.9            |
| Q4   | 1.8                        | 1.8                                  | 1.8                           | 0.5                                | 0.3         | 2.3                                     | -                                      | 0.3       | 0.9                    | 1.3                         | 1.2            |
| 2015 Q1  | 0.8                        | 0.1                                  | 1.7                           | -0.9                               | 0.8         | 0.1                                     | -0.8                                   | 0.5       | -1.1                   | -                           | 0.1            |
| Q2   | 1.1                        | 1.1                                  | 0.5                           | -2.7                               | 1.1         | 1.5                                     | -0.6                                   | 0.5       | 1.1                    | 0.3                         | 0.6            |
| Q3   | 0.6                        | 0.9                                  | 0.6                           | -1.4                               | 0.6         | 1.2                                     | -1.0                                   | 0.2       | 0.5                    | -0.7                        | 0.4            |
| Q4   | 1.0                        | 0.5                                  | 2.2                           | 1.1                                | -           | 0.9                                     | -0.2                                   | 0.1       | 0.2                    | 3.9                         | 0.7            |
| 2016 Q1  | 2.0                        | 1.5                                  | -0.3                          | 0.4                                | 0.5         | 1.0                                     | -0.2                                   | -0.1      | 1.6                    | -1.0                        | 0.8            |
| Q2   | 0.7                        | 0.4                                  | 1.6                           | 0.2                                | -0.4        | 1.7                                     | -0.5                                   | -0.3      | -                      | -0.5                        | 0.3            |
| Q3   | 1.0                        | 2.8                                  | 1.7                           | 1.2                                | -0.2        | 1.0                                     | -                                      | -0.2      | -                      | 0.1                         | 0.8            |
| Q4   | 1.8                        | 1.5                                  | 0.6                           | -0.7                               | 0.1         | 1.4                                     | -                                      | 0.4       | -0.3                   | -1.9                        | 0.6            |
| 2017 Q1  | -1.0                       | -1.0                                 | 0.9                           | 0.7                                | 0.3         | 0.4                                     | -                                      | 0.9       | 0.4                    | 0.5                         | 0.1            |
| Q2   | 0.7                        | 1.4                                  | -0.4                          | -0.2                               | 0.3         | 0.1                                     | 0.3                                    | -         | 0.1                    | 0.8                         | 0.4            |
| Q3   | 0.7                        | -                                    | -0.1                          | 0.1                                | 0.2         | 1.5                                     | 0.2                                    | 0.6       | 0.2                    | -1.2                        | 0.4            |
| <b>Percentage change, latest quarter on corresponding quarter of the previous year</b> |                            |                                      |                               |                                    |             |   |  |           |                        |                             |                |
|  | L44S                       | KI12                                 | L456                          | L45K                               | L45Q        | L45V                                    | L46M                                   | L46O      | L46Q                   | L47J                        | L44Q           |
| 2014 Q2  | 5.1                        | 1.8                                  | 2.2                           | -1.1                               | 3.1         | 7.8                                     | -1.8                                   | 1.9       | 3.4                    | 7.0                         | 3.3            |
| Q3   | 4.6                        | 4.0                                  | 3.3                           | -0.8                               | 3.0         | 7.5                                     | -1.3                                   | 2.7       | 4.2                    | 7.1                         | 3.7            |
| Q4   | 6.1                        | 5.5                                  | 5.3                           | 0.3                                | 3.0         | 8.7                                     | -0.8                                   | 2.3       | 3.9                    | 6.5                         | 4.4            |
| 2015 Q1  | 5.3                        | 5.0                                  | 5.9                           | -0.5                               | 2.7         | 6.6                                     | -0.9                                   | 2.5       | 1.3                    | 2.8                         | 3.4            |
| Q2   | 4.9                        | 4.7                                  | 4.9                           | -3.7                               | 3.0         | 6.0                                     | -1.3                                   | 1.9       | 2.0                    | 1.6                         | 2.9            |
| Q3   | 4.5                        | 3.9                                  | 4.6                           | -4.4                               | 2.9         | 5.2                                     | -2.3                                   | 1.5       | 1.3                    | 0.8                         | 2.3            |
| Q4   | 3.7                        | 2.6                                  | 5.0                           | -3.9                               | 2.6         | 3.7                                     | -2.6                                   | 1.2       | 0.6                    | 3.4                         | 1.8            |
| 2016 Q1  | 4.9                        | 4.0                                  | 3.0                           | -2.6                               | 2.3         | 4.6                                     | -2.0                                   | 0.6       | 3.4                    | 2.4                         | 2.5            |
| Q2   | 4.4                        | 3.3                                  | 4.1                           | 0.3                                | 0.8         | 4.9                                     | -1.9                                   | -0.2      | 2.3                    | 1.6                         | 2.3            |
| Q3   | 4.8                        | 5.2                                  | 5.3                           | 2.9                                | -           | 4.7                                     | -0.9                                   | -0.6      | 1.9                    | 2.5                         | 2.7            |
| Q4   | 5.6                        | 6.3                                  | 3.6                           | 1.1                                | 0.1         | 5.2                                     | -0.7                                   | -0.3      | 1.3                    | -3.2                        | 2.5            |
| 2017 Q1  | 2.6                        | 3.6                                  | 4.8                           | 1.3                                | -0.2        | 4.6                                     | -0.5                                   | 0.7       | 0.2                    | -1.8                        | 1.8            |
| Q2   | 2.6                        | 4.6                                  | 2.8                           | 0.9                                | 0.5         | 2.9                                     | 0.3                                    | 1.1       | 0.3                    | -0.5                        | 1.8            |
| Q3   | 2.3                        | 1.8                                  | 1.0                           | -0.2                               | 1.0         | 3.4                                     | 0.5                                    | 2.0       | 0.4                    | -1.9                        | 1.4            |

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 prices<sup>1</sup>

£ million

| National expenditure on goods and services at market prices                        |                                      |                    |                               |   |                                     |                               |   |        |               |                         |              |                            |         |                                       |   |
|--|--------------------------------------|--------------------|-------------------------------|---|-------------------------------------|-------------------------------|---|--------|---------------|-------------------------|--------------|----------------------------|---------|---------------------------------------|---|
| Final consumption expenditure  |                                      |                    |                               | Gross capital formation                   |                                     |                               |   |        |               |                         |              |                            |         | Statistical discrepancy (expenditure) | Gross domestic product at market prices |
| Households   | Non-profit institutions <sup>2</sup> | General government | Gross fixed capital formation | Of which business investment <sup>3</sup> | Changes in inventories <sup>4</sup> | Of which alignment adjustment | Acquisitions less disposals of valuables <sup>5</sup> | Total  | Total exports | Gross final expenditure | less imports | Trade balance <sup>6</sup> |         |                                       |   |
| ABJQ   | HAYE                                 | NMRP               | NPQS                          | NPEK                                      | CAEX                                | DMUN                          | NPJQ  | YBIL   | IKBH          | ABMF                    | IKBI         | IKBJ                       | GIXM    | YBHA                                  |   |
| 2013   | 1 098 735                            | 54 428             | 348 076                       | 277 209                                   | 161 409                             | 4 712                         | -   | 4 761  | 1 787 921     | 519 913                 | 2 307 834    | 555 280                    | -35 367 | -                                     | 1 752 554                               |
| 2014   | 1 143 919                            | 56 625             | 359 014                       | 300 965                                   | 170 551                             | 13 268                        | -   | 102    | 1 873 893     | 518 925                 | 2 392 818    | 555 756                    | -36 831 | -                                     | 1 837 062                               |
| 2015   | 1 181 868                            | 56 614             | 362 062                       | 313 189                                   | 179 697                             | 7 812                         | -   | -438   | 1 921 107     | 517 161                 | 2 438 268    | 549 531                    | -32 370 | -                                     | 1 888 737                               |
| 2016   | 1 235 357                            | 57 022             | 369 660                       | 323 761                                   | 181 726                             | 7 714                         | -   | 1 671  | 1 995 185     | 554 738                 | 2 549 923    | 595 415                    | -40 677 | 8 803                                 | 1 963 311                               |
| <b>Seasonally adjusted</b>   |                                      |                    |                               |   |                                     |                               |   |        |               |                         |              |                            |         |                                       |   |
| 2014 Q2  | 284 105                              | 14 170             | 89 194                        | 74 925                                    | 43 112                              | 4 036                         | -934  | -1 565 | 464 865       | 131 518                 | 596 383      | 137 460                    | -5 942  | -                                     | 458 923                                 |
| Q3   | 289 277                              | 14 226             | 90 695                        | 75 588                                    | 42 673                              | 3 833                         | 970   | -638   | 472 981       | 128 283                 | 601 264      | 138 122                    | -9 839  | -                                     | 463 142                                 |
| Q4   | 288 777                              | 14 205             | 89 828                        | 76 013                                    | 42 916                              | 2 497                         | 1 844   | 2 024  | 473 344       | 132 103                 | 605 447      | 141 743                    | -9 640  | -                                     | 463 704                                 |
| 2015 Q1  | 291 252                              | 14 151             | 89 873                        | 78 977                                    | 45 755                              | -466                          | 1 461   | 2 615  | 476 402       | 129 619                 | 606 021      | 139 692                    | -10 073 | -                                     | 466 329                                 |
| Q2   | 293 798                              | 14 110             | 90 743                        | 79 276                                    | 45 461                              | 1 775                         | -955  | -281   | 479 421       | 130 724                 | 610 145      | 136 544                    | -5 820  | -                                     | 473 601                                 |
| Q3   | 296 915                              | 14 133             | 91 264                        | 77 229                                    | 44 064                              | 2 795                         | -1 386  | -539   | 481 797       | 127 267                 | 609 064      | 135 493                    | -8 226  | -                                     | 473 571                                 |
| Q4   | 299 903                              | 14 220             | 90 182                        | 77 707                                    | 44 417                              | 3 708                         | 880   | -2 233 | 483 487       | 129 551                 | 613 038      | 137 802                    | -8 251  | -                                     | 475 236                                 |
| 2016 Q1  | 302 573                              | 14 248             | 91 666                        | 78 956                                    | 44 973                              | 2 194                         | 885   | 733    | 490 370       | 129 958                 | 620 328      | 139 716                    | -9 758  | 1 614                                 | 482 226                                 |
| Q2   | 307 133                              | 14 290             | 92 300                        | 80 561                                    | 45 251                              | -217                          | -2 000  | -792   | 493 275       | 136 799                 | 630 074      | 144 426                    | -7 627  | 2 291                                 | 487 939                                 |
| Q3   | 311 243                              | 14 233             | 92 608                        | 81 706                                    | 45 860                              | 4 232                         | 1 647   | 3 145  | 507 167       | 138 604                 | 645 771      | 154 937                    | -16 333 | 2 552                                 | 493 386                                 |
| Q4   | 314 408                              | 14 251             | 93 086                        | 82 538                                    | 45 642                              | 1 505                         | -532  | -1 415 | 504 373       | 149 377                 | 653 750      | 156 336                    | -6 959  | 2 346                                 | 499 760                                 |
| 2017 Q1  | 317 262                              | 14 296             | 93 331                        | 83 442                                    | 46 660                              | 2 088                         | -24   | -58    | 510 361       | 151 639                 | 662 000      | 160 162                    | -8 523  | 1 770                                 | 503 608                                 |
| Q2   | 318 520                              | 14 386             | 93 881                        | 84 321                                    | 47 143                              | -179                          | -2 157  | 647    | 511 576       | 154 883                 | 666 459      | 161 031                    | -6 148  | 1 492                                 | 506 920                                 |
| Q3   | 321 106                              | 14 431             | 93 281                        | 85 185                                    | 47 681                              | -213                          | -1 283  | 671    | 514 461       | 156 826                 | 671 287      | 162 663                    | -5 837  | 1 672                                 | 510 296                                 |
| <b>Percentage change, latest year on previous year</b>                             |                                      |                    |                               |   |                                     |                               |   |        |               |                         |              |                            |         |                                       |   |
|  | KG77                                 | KGZ8               | KH2C                          | KG6O                                      | KG6N                                |                               |   | KGX3   | KH2O          | KG7V                    | KH3H         |                            |         | IHYM                                  |   |
| 2013   | 4.3                                  | 1.4                | 0.7                           | 5.5                                       | 4.6                                 |                               |   | 4.0    | 3.8           | 4.0                     | 3.9          |                            |         | 4.0                                   |   |
| 2014   | 4.1                                  | 4.0                | 3.1                           | 8.6                                       | 5.7                                 |                               |   | 4.8    | -0.2          | 3.7                     | 0.1          |                            |         | 4.8                                   |   |
| 2015   | 3.3                                  | -                  | 0.8                           | 4.1                                       | 5.4                                 |                               |   | 2.5    | -0.3          | 1.9                     | -1.1         |                            |         | 2.8                                   |   |
| 2016   | 4.5                                  | 0.7                | 2.1                           | 3.4                                       | 1.1                                 |                               |   | 3.9    | 7.3           | 4.6                     | 8.3          |                            |         | 3.9                                   |   |
| <b>Percentage change, latest quarter on previous quarter</b>                       |                                      |                    |                               |   |                                     |                               |   |        |               |                         |              |                            |         |                                       |   |
|  | KG78                                 | KGZ9               | KH2D                          | KG6W                                      | KG6V                                |                               |   | KGX4   | KH2P          | KG78                    | KH3I         |                            |         | IHYN                                  |   |
| 2014 Q2  | 0.8                                  | 1.0                | -0.1                          | 0.7                                       | 3.0                                 |                               |   | 0.5    | 3.5           | 1.1                     | -0.7         |                            |         | 1.7                                   |   |
| Q3   | 1.8                                  | 0.4                | 1.7                           | 0.9                                       | -1.0                                |                               |   | 1.7    | -2.5          | 0.8                     | 0.5          |                            |         | 0.9                                   |   |
| Q4   | -0.2                                 | -0.1               | -1.0                          | 0.6                                       | 0.6                                 |                               |   | 0.1    | 3.0           | 0.7                     | 2.6          |                            |         | 0.1                                   |   |
| 2015 Q1  | 0.9                                  | -0.4               | 0.1                           | 3.9                                       | 6.6                                 |                               |   | 0.6    | -1.9          | 0.1                     | -1.4         |                            |         | 0.6                                   |   |
| Q2   | 0.9                                  | -0.3               | 1.0                           | 0.4                                       | -0.6                                |                               |   | 0.6    | 0.9           | 0.7                     | -2.3         |                            |         | 1.6                                   |   |
| Q3   | 1.1                                  | 0.2                | 0.6                           | -2.6                                      | -3.1                                |                               |   | 0.5    | -2.6          | -0.2                    | -0.8         |                            |         | -                                     |   |
| Q4   | 1.0                                  | 0.6                | -1.2                          | 0.6                                       | 0.8                                 |                               |   | 0.4    | 1.8           | 0.7                     | 1.7          |                            |         | 0.4                                   |   |
| 2016 Q1  | 0.9                                  | 0.2                | 1.6                           | 1.6                                       | 1.3                                 |                               |   | 1.4    | 0.3           | 1.2                     | 1.4          |                            |         | 1.5                                   |   |
| Q2   | 1.5                                  | 0.3                | 0.7                           | 2.0                                       | 0.6                                 |                               |   | 0.6    | 5.3           | 1.6                     | 3.4          |                            |         | 1.2                                   |   |
| Q3   | 1.3                                  | -0.4               | 0.3                           | 1.4                                       | 1.3                                 |                               |   | 2.8    | 1.3           | 2.5                     | 7.3          |                            |         | 1.1                                   |   |
| Q4   | 1.0                                  | 0.1                | 0.5                           | 1.0                                       | -0.5                                |                               |   | -0.6   | 7.8           | 1.2                     | 0.9          |                            |         | 1.3                                   |   |
| 2017 Q1  | 0.9                                  | 0.3                | 0.3                           | 1.1                                       | 2.2                                 |                               |   | 1.2    | 1.5           | 1.3                     | 2.4          |                            |         | 0.8                                   |   |
| Q2   | 0.4                                  | 0.6                | 0.6                           | 1.1                                       | 1.0                                 |                               |   | 0.2    | 2.1           | 0.7                     | 0.5          |                            |         | 0.7                                   |   |
| Q3   | 0.8                                  | 0.3                | -0.6                          | 1.0                                       | 1.1                                 |                               |   | 0.6    | 1.3           | 0.7                     | 1.0          |                            |         | 0.7                                   |   |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |                                      |                    |                               |   |                                     |                               |   |        |               |                         |              |                            |         |                                       |   |
|  | KG79                                 | KH22               | KH2E                          | KG76                                      | KG75                                |                               |   | KGX5   | KH2Q          | KG79                    | KH3J         |                            |         | IHYO                                  |   |
| 2014 Q2  | 4.2                                  | 4.9                | 1.7                           | 11.1                                      | 11.4                                |                               |   | 5.1    | -0.8          | 3.8                     | -2.1         |                            |         | 5.7                                   |   |
| Q3   | 4.6                                  | 4.2                | 5.1                           | 5.8                                       | 2.3                                 |                               |   | 4.9    | -1.8          | 3.4                     | -1.2         |                            |         | 4.9                                   |   |
| Q4   | 3.8                                  | 2.6                | 1.6                           | 5.2                                       | 3.3                                 |                               |   | 3.3    | 4.2           | 3.5                     | 0.8          |                            |         | 4.3                                   |   |
| 2015 Q1  | 3.4                                  | 0.9                | 0.6                           | 6.1                                       | 9.3                                 |                               |   | 3.0    | 2.0           | 2.8                     | 0.9          |                            |         | 3.3                                   |   |
| Q2   | 3.4                                  | -0.4               | 1.7                           | 5.8                                       | 5.4                                 |                               |   | 3.1    | -0.6          | 2.3                     | -0.7         |                            |         | 3.2                                   |   |
| Q3   | 2.6                                  | -0.7               | 0.6                           | 2.2                                       | 3.3                                 |                               |   | 1.9    | -0.8          | 1.3                     | -1.9         |                            |         | 2.3                                   |   |
| Q4   | 3.9                                  | 0.1                | 0.4                           | 2.2                                       | 3.5                                 |                               |   | 2.1    | -1.9          | 1.3                     | -2.8         |                            |         | 2.5                                   |   |
| 2016 Q1  | 3.9                                  | 0.7                | 2.0                           | -   | -1.7                                |                               |   | 2.9    | 0.3           | 2.4                     | -            |                            |         | 3.4                                   |   |
| Q2   | 4.5                                  | 1.3                | 1.7                           | 1.6                                       | -0.5                                |                               |   | 2.9    | 4.6           | 3.3                     | 5.8          |                            |         | 3.0                                   |   |
| Q3   | 4.8                                  | 0.7                | 1.5                           | 5.8                                       | 4.1                                 |                               |   | 5.3    | 8.9           | 6.0                     | 14.4         |                            |         | 4.2                                   |   |
| Q4   | 4.8                                  | 0.2                | 3.2                           | 6.2                                       | 2.8                                 |                               |   | 4.3    | 15.3          | 6.6                     | 13.4         |                            |         | 5.2                                   |   |
| 2017 Q1  | 4.9                                  | 0.3                | 1.8                           | 5.7                                       | 3.8                                 |                               |   | 4.1    | 16.7          | 6.7                     | 14.6         |                            |         | 4.4                                   |   |
| Q2   | 3.7                                  | 0.7                | 1.7                           | 4.7                                       | 4.2                                 |                               |   | 3.7    | 13.2          | 5.8                     | 11.5         |                            |         | 3.9                                   |   |
| Q3   | 3.2                                  | 1.4                | 0.7                           | 4.3                                       | 4.0                                 |                               |   | 1.4    | 13.1          | 4.0                     | 5.0          |                            |         | 3.4                                   |   |

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 measures<sup>1</sup>

Reference year 2015, £ million

| National expenditure on goods and services at market prices                        |            |        |                                      |                    |                               |   |                                     |                               |   |         |           |                         |         |                            |                                       |   |
|--|------------|--------|--------------------------------------|--------------------|-------------------------------|---|-------------------------------------|-------------------------------|---|---------|-----------|-------------------------|---------|----------------------------|---------------------------------------|---|
| Final consumption expenditure  |            |        |                                      |                    | Gross capital formation       |   |                                     |                               |   |         |           |                         |         |                            |                                       |   |
| Year   | Households |        | Non-profit institutions <sup>2</sup> | General government | Gross fixed capital formation | Of which business investment <sup>3</sup> | Changes in inventories <sup>4</sup> | Of which alignment adjustment | Acquisitions less disposals of valuables <sup>5</sup> | Total   | Exports   | Gross final expenditure | Imports | Trade balance <sup>6</sup> | Statistical discrepancy (expenditure) | Gross domestic product at market prices |
|  | ABJR       | HAYO   | NMRY                                 | NPQT               | NPEL                          | CAFU                                      | DMUM                                | NPJR                          | YBIM  | IKBK    | ABMG      | IKBL                    | IKBM    | GIXS                       | ABMI                                  |   |
| 2013   | 1 126 255  | 56 218 | 351 066                              | 284 562            | 164 847                       | 2 028                                     | –                                   | 960 1                         | 810 045   | 479 919 | 2 289 799 | 500 450                 | –20 531 | –                          | 1 790 750                             |   |
| 2014   | 1 150 513  | 57 081 | 359 884                              | 304 735            | 173 239                       | 5 548                                     | –                                   | –24 1                         | 875 361   | 492 660 | 2 367 507 | 522 796                 | –30 136 | –                          | 1 845 444                             |   |
| 2015   | 1 181 868  | 56 614 | 362 062                              | 313 189            | 179 697                       | 7 812                                     | –                                   | –438 1                        | 921 107   | 517 161 | 2 438 268 | 549 531                 | –32 370 | –                          | 1 888 737                             |   |
| 2016   | 1 218 393  | 56 546 | 365 112                              | 318 779            | 178 835                       | 3 153                                     | –                                   | 1 602 1                       | 963 585   | 529 172 | 2 492 757 | 576 084                 | –46 912 | 8 626                      | 1 925 299                             |   |
| <b>Seasonally adjusted</b>   |            |        |                                      |                    |                               |   |                                     |                               |   |         |           |                         |         |                            |                                       |   |
| 2014 Q2  | 286 168    | 14 258 | 90 168                               | 76 107             | 43 943                        | –437                                      | –933                                | –310                          | 463 873   | 123 818 | 587 716   | 128 351                 | –4 533  | –                          | 459 702                               |   |
| Q3   | 289 930    | 14 250 | 90 476                               | 76 974             | 43 697                        | 3 149                                     | 972                                 | –147                          | 471 638   | 122 146 | 593 513   | 130 568                 | –8 422  | –                          | 463 201                               |   |
| Q4   | 289 219    | 14 204 | 90 046                               | 76 544             | 43 356                        | 6 987                                     | 1 857                               | 358                           | 474 877   | 127 463 | 602 390   | 135 583                 | –8 120  | –                          | 466 727                               |   |
| 2015 Q1  | 292 140    | 14 124 | 90 011                               | 78 709             | 45 624                        | 9 385                                     | 1 465                               | 449                           | 478 308   | 127 450 | 605 754   | 137 349                 | –9 899  | –                          | 468 326                               |   |
| Q2   | 294 126    | 14 217 | 90 592                               | 79 802             | 45 685                        | –4 126                                    | –954                                | –145                          | 476 053   | 129 988 | 606 145   | 135 244                 | –5 256  | –                          | 471 018                               |   |
| Q3   | 297 203    | 14 047 | 90 892                               | 77 293             | 44 175                        | –1 205                                    | –1 389                              | –199                          | 480 564   | 128 669 | 609 192   | 136 303                 | –7 634  | –                          | 472 980                               |   |
| Q4   | 298 399    | 14 226 | 90 567                               | 77 385             | 44 213                        | 3 758                                     | 878                                 | –543                          | 486 182   | 131 054 | 617 177   | 140 635                 | –9 581  | –                          | 476 413                               |   |
| 2016 Q1  | 300 668    | 14 153 | 91 441                               | 77 963             | 44 191                        | 2 795                                     | 874                                 | 697                           | 487 717   | 129 066 | 616 783   | 140 960                 | –11 894 | 1 598                      | 477 421                               |   |
| Q2   | 303 899    | 14 150 | 91 209                               | 79 510             | 44 518                        | –824                                      | –1 967                              | –812                          | 487 132   | 132 698 | 619 830   | 142 389                 | –9 691  | 2 252                      | 479 693                               |   |
| Q3   | 306 469    | 14 130 | 91 224                               | 80 380             | 45 093                        | 1 252                                     | 1 610                               | 3 122                         | 496 577   | 130 305 | 626 882   | 147 089                 | –16 784 | 2 495                      | 482 288                               |   |
| Q4   | 307 357    | 14 113 | 91 238                               | 80 926             | 45 033                        | –70                                       | –517                                | –1 405                        | 492 159   | 137 103 | 629 262   | 145 646                 | –8 543  | 2 281                      | 485 897                               |   |
| 2017 Q1  | 307 802    | 14 122 | 91 364                               | 81 305             | 45 379                        | 582                                       | –23                                 | –66                           | 495 109   | 137 637 | 632 746   | 147 126                 | –9 489  | 1 713                      | 487 333                               |   |
| Q2   | 308 270    | 14 142 | 91 717                               | 82 142             | 45 621                        | –1 862                                    | –2 080                              | 642                           | 495 051   | 140 058 | 635 109   | 147 731                 | –7 673  | 1 439                      | 488 817                               |   |
| Q3   | 309 682    | 14 148 | 91 509                               | 82 349             | 45 868                        | –1 409                                    | –1 234                              | 650                           | 496 929   | 141 183 | 638 112   | 149 016                 | –7 833  | 1 608                      | 490 704                               |   |
| <b>Percentage change, latest year on previous year</b>                             |            |        |                                      |                    |                               |   |                                     |                               |   |         |           |                         |         |                            |                                       |   |
|  | KGZ5       | KH26   | KH2I                                 | KG7N               | KG7M                          |   |                                     | KGX9                          | KH2U  | KGW5    | KH3N      |                         |         |                            | IHYP                                  |   |
| 2013   | 1.9        | –1.5   | 0.2                                  | 3.4                | 3.0                           |   |                                     | 2.7                           | 0.8   | 2.3     | 3.1       |                         |         |                            | 2.1                                   |   |
| 2014   | 2.2        | 1.5    | 2.5                                  | 7.1                | 5.1                           |   |                                     | 3.6                           | 2.7   | 3.4     | 4.5       |                         |         |                            | 3.1                                   |   |
| 2015   | 2.7        | –0.8   | 0.6                                  | 2.8                | 3.7                           |   |                                     | 2.4                           | 5.0   | 3.0     | 5.1       |                         |         |                            | 2.3                                   |   |
| 2016   | 3.1        | –0.1   | 0.8                                  | 1.8                | –0.5                          |   |                                     | 2.2                           | 2.3   | 2.2     | 4.8       |                         |         |                            | 1.9                                   |   |
| <b>Percentage change, latest quarter on previous quarter</b>                       |            |        |                                      |                    |                               |   |                                     |                               |   |         |           |                         |         |                            |                                       |   |
|  | KGZ6       | KH27   | KH2J                                 | KG7Q               | KG7P                          |   |                                     | KGY2                          | KH2V  | KGW6    | KH3O      |                         |         |                            | IHYQ                                  |   |
| 2014 Q2  | 0.3        | –0.8   | 1.1                                  | 1.3                | 4.0                           |   |                                     | –0.2                          | 3.8   | 0.7     | –         |                         |         |                            | 0.9                                   |   |
| Q3   | 1.3        | –0.1   | 0.3                                  | 1.1                | –0.6                          |   |                                     | 1.7                           | –1.4  | 1.0     | 1.7       |                         |         |                            | 0.8                                   |   |
| Q4   | –0.2       | –0.3   | –0.5                                 | –0.6               | –0.8                          |   |                                     | 0.7                           | 4.4   | 1.5     | 3.8       |                         |         |                            | 0.8                                   |   |
| 2015 Q1  | 1.0        | –0.6   | –                                    | 2.8                | 5.2                           |   |                                     | 0.7                           | –   | 0.6     | 1.3       |                         |         |                            | 0.3                                   |   |
| Q2   | 0.7        | 0.7    | 0.6                                  | 1.4                | 0.1                           |   |                                     | –0.5                          | 2.0   | 0.1     | –1.5      |                         |         |                            | 0.6                                   |   |
| Q3   | 1.0        | –1.2   | 0.3                                  | –3.1               | –3.3                          |   |                                     | 0.9                           | –1.0  | 0.5     | 0.8       |                         |         |                            | 0.4                                   |   |
| Q4   | 0.4        | 1.3    | –0.4                                 | 0.1                | 0.1                           |   |                                     | 1.2                           | 1.9   | 1.3     | 3.2       |                         |         |                            | 0.7                                   |   |
| 2016 Q1  | 0.8        | –0.5   | 1.0                                  | 0.7                | –                             |   |                                     | 0.3                           | –1.5  | –0.1    | 0.2       |                         |         |                            | 0.2                                   |   |
| Q2   | 1.1        | –      | –0.3                                 | 2.0                | 0.7                           |   |                                     | –0.1                          | 2.8   | 0.5     | 1.0       |                         |         |                            | 0.5                                   |   |
| Q3   | 0.8        | –0.1   | –                                    | 1.1                | 1.3                           |   |                                     | 1.9                           | –1.8  | 1.1     | 3.3       |                         |         |                            | 0.5                                   |   |
| Q4   | 0.3        | –0.1   | –                                    | 0.7                | –0.1                          |   |                                     | –0.9                          | 5.2   | 0.4     | –1.0      |                         |         |                            | 0.7                                   |   |
| 2017 Q1  | 0.1        | 0.1    | 0.1                                  | 0.5                | 0.8                           |   |                                     | 0.6                           | 0.4   | 0.6     | 1.0       |                         |         |                            | 0.3                                   |   |
| Q2   | 0.2        | 0.1    | 0.4                                  | 1.0                | 0.5                           |   |                                     | –                             | 1.8   | 0.4     | 0.4       |                         |         |                            | 0.3                                   |   |
| Q3   | 0.5        | –      | –0.2                                 | 0.3                | 0.5                           |   |                                     | 0.4                           | 0.8   | 0.5     | 0.9       |                         |         |                            | 0.4                                   |   |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |            |        |                                      |                    |                               |   |                                     |                               |   |         |           |                         |         |                            |                                       |   |
|  | KGZ7       | KH28   | KH2K                                 | KG7T               | KG7S                          |   |                                     | KGY3                          | KH2W  | KGW7    | KH3P      |                         |         |                            | IHYR                                  |   |
| 2014 Q2  | 2.1        | 2.5    | 2.9                                  | 8.3                | 9.7                           |   |                                     | 3.4                           | 0.9   | 2.8     | 1.9       |                         |         |                            | 3.1                                   |   |
| Q3   | 2.7        | 1.2    | 3.0                                  | 5.2                | 3.0                           |   |                                     | 3.5                           | 2.0   | 3.1     | 3.5       |                         |         |                            | 3.0                                   |   |
| Q4   | 2.0        | 0.1    | 1.7                                  | 4.1                | 2.8                           |   |                                     | 2.6                           | 7.7   | 3.7     | 5.1       |                         |         |                            | 3.3                                   |   |
| 2015 Q1  | 2.4        | –1.7   | 0.9                                  | 4.8                | 8.0                           |   |                                     | 2.9                           | 6.9   | 3.7     | 7.1       |                         |         |                            | 2.7                                   |   |
| Q2   | 2.8        | –0.3   | 0.5                                  | 4.9                | 4.0                           |   |                                     | 2.6                           | 5.0   | 3.1     | 5.4       |                         |         |                            | 2.5                                   |   |
| Q3   | 2.5        | –1.4   | 0.5                                  | 0.4                | 1.1                           |   |                                     | 1.9                           | 5.3   | 2.6     | 4.4       |                         |         |                            | 2.1                                   |   |
| Q4   | 3.2        | 0.2    | 0.6                                  | 1.1                | 2.0                           |   |                                     | 2.4                           | 2.8   | 2.5     | 3.7       |                         |         |                            | 2.1                                   |   |
| 2016 Q1  | 2.9        | 0.2    | 1.6                                  | –0.9               | –3.1                          |   |                                     | 2.0                           | 1.3   | 1.8     | 2.6       |                         |         |                            | 1.9                                   |   |
| Q2   | 3.3        | –0.5   | 0.7                                  | –0.4               | –2.6                          |   |                                     | 2.3                           | 2.1   | 2.3     | 5.3       |                         |         |                            | 1.8                                   |   |
| Q3   | 3.1        | 0.6    | 0.4                                  | 4.0                | 2.1                           |   |                                     | 3.3                           | 1.3   | 2.9     | 7.9       |                         |         |                            | 2.0                                   |   |
| Q4   | 3.0        | –0.8   | 0.7                                  | 4.6                | 1.9                           |   |                                     | 1.2                           | 4.6   | 2.0     | 3.6       |                         |         |                            | 2.0                                   |   |
| 2017 Q1  | 2.4        | –0.2   | –0.1                                 | 4.3                | 2.7                           |   |                                     | 1.5                           | 6.6   | 2.6     | 4.4       |                         |         |                            | 2.1                                   |   |
| Q2   | 1.4        | –0.1   | 0.6                                  | 3.3                | 2.5                           |   |                                     | 1.6                           | 5.5   | 2.5     | 3.8       |                         |         |                            | 1.9                                   |   |
| Q3   | 1.0        | 0.1    | 0.3                                  | 2.4                | 1.7                           |   |                                     | 0.1                           | 8.3   | 1.8     | 1.3       |                         |         |                            | 1.7                                   |   |

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

2 Non-profit institutions serving households.

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

4 Quarterly alignment adjustment included in this series.

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

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

# D Gross domestic product by category of income: current prices<sup>1</sup>

£ million

|  | Gross operating surplus of corporations |   |                               |                        |                     |         |                           |                                  |   |                                  | Gross domestic product at market prices |
|--|---|---|-------------------------------|------------------------|---------------------|---------|---------------------------|----------------------------------|---|----------------------------------|---|
|  | Compensation of employees               | Private non-financial corporations <sup>2,3</sup> | Of which alignment adjustment | Financial corporations | Public corporations | Total   | Other income <sup>4</sup> | 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                                    |
| 2013   | 883 501                                 | 301 563   | –                             | 52 742                 | 15 598              | 369 903 | 286 062                   | 1 539 466                        | 213 088                                       | –                                | 1 752 554                               |
| 2014   | 902 294                                 | 334 189   | –                             | 55 628                 | 15 654              | 405 471 | 305 616                   | 1 613 381                        | 223 681                                       | –                                | 1 837 062                               |
| 2015   | 930 206                                 | 344 849   | –                             | 45 594                 | 16 198              | 406 641 | 322 024                   | 1 658 871                        | 229 866                                       | –                                | 1 888 737                               |
| 2016   | 968 898                                 | 353 999   | –                             | 46 535                 | 16 689              | 417 223 | 334 991                   | 1 721 112                        | 239 568                                       | 2 631                            | 1 963 311                               |
| <b>Seasonally adjusted</b>   |   |   |                               |                        |                     |         |                           |                                  |   |                                  |   |
| 2014 Q2  | 223 823                                 | 82 281  | –509                          | 15 335                 | 4 561               | 102 177 | 76 832                    | 402 832                          | 56 091  | –                                | 458 923                                 |
| Q3   | 225 825                                 | 88 021  | 962                           | 12 942                 | 3 921               | 104 884 | 76 782                    | 407 491                          | 55 651  | –                                | 463 142                                 |
| Q4   | 228 675                                 | 83 470  | –354                          | 13 573                 | 3 801               | 100 844 | 77 474                    | 406 993                          | 56 711  | –                                | 463 704                                 |
| 2015 Q1  | 229 827                                 | 85 090  | –751                          | 13 463                 | 3 600               | 102 153 | 78 552                    | 410 532                          | 55 797  | –                                | 466 329                                 |
| Q2   | 231 757                                 | 88 427  | 1 933                         | 11 211                 | 4 553               | 104 191 | 80 076                    | 416 024                          | 57 577  | –                                | 473 601                                 |
| Q3   | 233 301                                 | 87 024  | 801                           | 9 211                  | 4 113               | 100 348 | 81 795                    | 415 444                          | 58 127  | –                                | 473 571                                 |
| Q4   | 235 321                                 | 84 308  | –1 983                        | 11 709                 | 3 932               | 99 949  | 81 601                    | 416 871                          | 58 365  | –                                | 475 236                                 |
| 2016 Q1  | 235 851                                 | 89 943  | 1 988                         | 11 302                 | 3 701               | 104 946 | 82 135                    | 422 932                          | 58 974  | 320                              | 482 226                                 |
| Q2   | 241 614                                 | 86 258  | –2 002                        | 11 298                 | 4 686               | 102 242 | 83 843                    | 427 699                          | 59 704  | 536                              | 487 939                                 |
| Q3   | 244 928                                 | 86 563  | –1 746                        | 12 782                 | 4 199               | 103 544 | 84 369                    | 432 841                          | 59 784  | 761                              | 493 386                                 |
| Q4   | 246 505                                 | 91 235  | 1 760                         | 11 153                 | 4 103               | 106 491 | 84 644                    | 437 640                          | 61 106  | 1 014                            | 499 760                                 |
| 2017 Q1  | 248 600                                 | 92 759  | 823                           | 11 871                 | 4 056               | 108 686 | 84 608                    | 441 894                          | 60 355  | 1 359                            | 503 608                                 |
| Q2   | 250 972                                 | 90 715  | –1 407                        | 12 486                 | 4 599               | 107 800 | 85 175                    | 443 947                          | 61 398  | 1 575                            | 506 920                                 |
| Q3   | 252 822                                 | 92 400  | 451                           | 11 413                 | 4 069               | 107 882 | 85 389                    | 446 093                          | 62 476  | 1 727                            | 510 296                                 |
| <b>Percentage change, latest year on previous year</b>                             |   |   |                               |                        |                     |         |                           |                                  |   |                                  |   |
|  | KG13                                    | KH59  |                               | KH5L                   | KH53                | KH4V    | KH6T                      | KH6N                             | KH65  |                                  | IHYM                                    |
| 2013   | 4.0                                     | 4.1   |                               | 2.7                    | 3.8                 | 3.9     | 3.5                       | 3.9                              | 4.9   |                                  | 4.0                                     |
| 2014   | 2.1                                     | 10.8  |                               | 5.5                    | 0.4                 | 9.6     | 6.8                       | 4.8                              | 5.0   |                                  | 4.8                                     |
| 2015   | 3.1                                     | 3.2   |                               | –18.0                  | 3.5                 | 0.3     | 5.4                       | 2.8                              | 2.8   |                                  | 2.8                                     |
| 2016   | 4.2                                     | 2.7   |                               | 2.1                    | 3.0                 | 2.6     | 4.0                       | 3.8                              | 4.2   |                                  | 3.9                                     |
| <b>Percentage change, latest quarter on previous quarter</b>                       |   |   |                               |                        |                     |         |                           |                                  |   |                                  |   |
|  | KG14                                    | KH5A  |                               | KH5M                   | KH54                | KH4W    | KH6U                      | KH6O                             | KH66  |                                  | IHYN                                    |
| 2014 Q2  | –0.1                                    | 2.3   |                               | 11.3                   | 35.3                | 4.7     | 3.1                       | 1.7                              | 1.6   |                                  | 1.7                                     |
| Q3   | 0.9                                     | 7.0   |                               | –15.6                  | –14.0               | 2.6     | –0.1                      | 1.2                              | –0.8  |                                  | 0.9                                     |
| Q4   | 1.3                                     | –5.2  |                               | 4.9                    | –3.1                | –3.9    | 0.9                       | –0.1                             | 1.9   |                                  | 0.1                                     |
| 2015 Q1  | 0.5                                     | 1.9   |                               | –0.8                   | –5.3                | 1.3     | 1.4                       | 0.9                              | –1.6  |                                  | 0.6                                     |
| Q2   | 0.8                                     | 3.9   |                               | –16.7                  | 26.5                | 2.0     | 1.9                       | 1.3                              | 3.2   |                                  | 1.6                                     |
| Q3   | 0.7                                     | –1.6  |                               | –17.8                  | –9.7                | –3.7    | 2.1                       | –0.1                             | 1.0   |                                  | –                                       |
| Q4   | 0.9                                     | –3.1  |                               | 27.1                   | –4.4                | –0.4    | –0.2                      | 0.3                              | 0.4   |                                  | 0.4                                     |
| 2016 Q1  | 0.2                                     | 6.7   |                               | –3.5                   | –5.9                | 5.0     | 0.7                       | 1.5                              | 1.0   |                                  | 1.5                                     |
| Q2   | 2.4                                     | –4.1  |                               | –                      | 26.6                | –2.6    | 2.1                       | 1.1                              | 1.2   |                                  | 1.2                                     |
| Q3   | 1.4                                     | 0.4   |                               | 13.1                   | –10.4               | 1.3     | 0.6                       | 1.2                              | 0.1   |                                  | 1.1                                     |
| Q4   | 0.6                                     | 5.4   |                               | –12.7                  | –2.3                | 2.8     | 0.3                       | 1.1                              | 2.2   |                                  | 1.3                                     |
| 2017 Q1  | 0.8                                     | 1.7   |                               | 6.4                    | –1.1                | 2.1     | –                         | 1.0                              | –1.2  |                                  | 0.8                                     |
| Q2   | 1.0                                     | –2.2  |                               | 5.2                    | 13.4                | –0.8    | 0.7                       | 0.5                              | 1.7   |                                  | 0.7                                     |
| Q3   | 0.7                                     | 1.9   |                               | –8.6                   | –11.5               | 0.1     | 0.3                       | 0.5                              | 1.8   |                                  | 0.7                                     |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |   |   |                               |                        |                     |         |                           |                                  |   |                                  |   |
|  | KG15                                    | KH5B  |                               | KH5N                   | KH55                | KH4X    | KH6V                      | KH6P                             | KH67  |                                  | IHYO                                    |
| 2014 Q2  | 0.7                                     | 16.1  |                               | 24.9                   | –1.8                | 16.4    | 7.3                       | 5.6                              | 6.3   |                                  | 5.7                                     |
| Q3   | 1.7                                     | 15.9  |                               | –4.2                   | –3.3                | 12.1    | 6.8                       | 5.2                              | 2.6   |                                  | 4.9                                     |
| Q4   | 2.2                                     | 9.3   |                               | –2.1                   | 4.7                 | 7.4     | 6.8                       | 4.3                              | 4.1   |                                  | 4.3                                     |
| 2015 Q1  | 2.6                                     | 5.8   |                               | –2.3                   | 6.8                 | 4.7     | 5.4                       | 3.7                              | 1.0   |                                  | 3.3                                     |
| Q2   | 3.5                                     | 7.5   |                               | –26.9                  | –0.2                | 2.0     | 4.2                       | 3.3                              | 2.6   |                                  | 3.2                                     |
| Q3   | 3.3                                     | –1.1  |                               | –28.8                  | 4.9                 | –4.3    | 6.5                       | 2.0                              | 4.4   |                                  | 2.3                                     |
| Q4   | 2.9                                     | 1.0   |                               | –13.7                  | 3.4                 | –0.9    | 5.3                       | 2.4                              | 2.9   |                                  | 2.5                                     |
| 2016 Q1  | 2.6                                     | 5.7   |                               | –16.1                  | 2.8                 | 2.7     | 4.6                       | 3.0                              | 5.7   |                                  | 3.4                                     |
| Q2   | 4.3                                     | –2.5  |                               | 0.8                    | 2.9                 | –1.9    | 4.7                       | 2.8                              | 3.7   |                                  | 3.0                                     |
| Q3   | 5.0                                     | –0.5  |                               | 38.8                   | 2.1                 | 3.2     | 3.1                       | 4.2                              | 2.9   |                                  | 4.2                                     |
| Q4   | 4.8                                     | 8.2   |                               | –4.7                   | 4.3                 | 6.5     | 3.7                       | 5.0                              | 4.7   |                                  | 5.2                                     |
| 2017 Q1  | 5.4                                     | 3.1   |                               | 5.0                    | 9.6                 | 3.6     | 3.0                       | 4.5                              | 2.3   |                                  | 4.4                                     |
| Q2   | 3.9                                     | 5.2   |                               | 10.5                   | –1.9                | 5.4     | 1.6                       | 3.8                              | 2.8   |                                  | 3.9                                     |
| Q3   | 3.2                                     | 6.7   |                               | –10.7                  | –3.1                | 4.2     | 1.2                       | 3.1                              | 4.5   |                                  | 3.4                                     |

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 <sup>2</sup>  |                      |        |           |                    |                         |                           |         |                                  |        |           |                    |                              |           |                              |                    |
|---|----------------------|--------|-----------|--------------------|-------------------------|---------------------------|---------|----------------------------------|--------|-----------|--------------------|------------------------------|-----------|------------------------------|--------------------|
| UK DOMESTIC <sup>3</sup>  |                      |        |           |                    |                         |                           |         |                                  |        |           |                    |                              |           |                              |                    |
| COICOP <sup>1</sup>   | Net<br>Total tourism |        | Total     | Food<br>&<br>drink | Alcohol<br>&<br>tobacco | Clothing<br>&<br>footwear | Housing | Household<br>goods &<br>services | Health | Transport | Communi-<br>cation | Recreati-<br>on &<br>culture | Education | Restau-<br>rants &<br>hotels | Miscell-<br>aneous |
|   | ABJQ                 | ABTF   | ZAKV      | ZWUM               | ZAKX                    | ZAKZ                      | ZAVN    | ZAVV                             | ZAWB   | ZAWL      | ZAWV               | ZAWZ                         | ZWUS      | ZAXR                         | ZAYF               |
| 2013  | 1 098 735            | 7 002  | 1 091 733 | 96 358             | 41 915                  | 58 150                    | 300 401 | 48 946                           | 18 717 | 150 358   | 21 189             | 103 281                      | 17 739    | 102 267                      | 132 412            |
| 2014  | 1 143 919            | 6 520  | 1 137 399 | 97 740             | 42 548                  | 61 815                    | 307 741 | 51 684                           | 19 233 | 157 080   | 20 984             | 106 241                      | 18 808    | 106 771                      | 146 754            |
| 2015  | 1 181 868            | 8 083  | 1 173 785 | 97 641             | 43 227                  | 65 064                    | 319 589 | 54 861                           | 20 736 | 158 418   | 22 455             | 110 860                      | 20 233    | 110 372                      | 150 329            |
| 2016  | 1 235 357            | 14 113 | 1 221 244 | 98 562             | 43 668                  | 67 736                    | 330 058 | 58 778                           | 21 688 | 163 479   | 24 087             | 115 994                      | 21 652    | 116 233                      | 159 309            |
| <b>Seasonally adjusted</b>  |                      |        |           |                    |                         |                           |         |                                  |        |           |                    |                              |           |                              |                    |
| 2014 Q2   | 284 105              | 1 399  | 282 706   | 24 324             | 10 514                  | 15 687                    | 76 632  | 12 716                           | 4 812  | 39 364    | 5 161              | 26 212                       | 4 640     | 26 864                       | 35 780             |
| Q3  | 289 277              | 1 312  | 287 965   | 24 558             | 10 657                  | 15 524                    | 77 583  | 13 096                           | 4 731  | 39 732    | 5 255              | 27 050                       | 4 707     | 26 610                       | 38 462             |
| Q4  | 288 777              | 1 932  | 286 845   | 24 417             | 10 693                  | 15 676                    | 77 603  | 13 292                           | 4 799  | 39 156    | 5 347              | 26 840                       | 4 834     | 26 730                       | 37 458             |
| 2015 Q1   | 291 252              | 2 070  | 289 182   | 24 184             | 10 760                  | 15 801                    | 79 030  | 13 515                           | 4 891  | 38 906    | 5 474              | 27 187                       | 4 920     | 27 057                       | 37 457             |
| Q2  | 293 798              | 1 703  | 292 095   | 24 405             | 10 755                  | 16 303                    | 79 613  | 13 567                           | 5 154  | 39 488    | 5 571              | 27 644                       | 4 988     | 27 424                       | 37 183             |
| Q3  | 296 915              | 2 368  | 294 547   | 24 494             | 10 813                  | 16 427                    | 80 662  | 13 684                           | 5 187  | 39 682    | 5 616              | 27 925                       | 5 042     | 27 726                       | 37 289             |
| Q4  | 299 903              | 1 942  | 297 961   | 24 558             | 10 899                  | 16 533                    | 80 284  | 14 095                           | 5 504  | 40 342    | 5 794              | 28 104                       | 5 283     | 28 165                       | 38 400             |
| 2016 Q1   | 302 573              | 2 820  | 299 753   | 24 570             | 10 862                  | 16 830                    | 81 776  | 14 219                           | 5 414  | 40 318    | 5 880              | 28 403                       | 5 373     | 28 169                       | 37 939             |
| Q2  | 307 133              | 3 322  | 303 811   | 24 494             | 11 010                  | 16 657                    | 82 531  | 14 678                           | 5 413  | 40 735    | 5 976              | 28 878                       | 5 401     | 28 893                       | 39 145             |
| Q3  | 311 243              | 4 206  | 307 037   | 24 670             | 10 926                  | 16 873                    | 82 147  | 14 813                           | 5 332  | 40 967    | 6 107              | 29 197                       | 5 426     | 29 382                       | 41 197             |
| Q4  | 314 408              | 3 765  | 310 643   | 24 828             | 10 870                  | 17 376                    | 83 604  | 15 068                           | 5 529  | 41 459    | 6 124              | 29 516                       | 5 452     | 29 789                       | 41 028             |
| 2017 Q1   | 317 262              | 3 342  | 313 920   | 25 253             | 10 799                  | 17 384                    | 83 533  | 15 379                           | 5 750  | 42 797    | 6 143              | 29 900                       | 5 478     | 30 464                       | 41 040             |
| Q2  | 318 520              | 2 939  | 315 581   | 25 672             | 11 018                  | 17 690                    | 84 059  | 15 636                           | 5 974  | 41 057    | 6 217              | 30 135                       | 5 503     | 30 580                       | 42 040             |
| Q3  | 321 106              | 2 723  | 318 383   | 25 908             | 11 020                  | 17 996                    | 85 257  | 15 906                           | 6 055  | 41 694    | 6 325              | 30 327                       | 5 530     | 30 673                       | 41 692             |
| <b>Percentage change, latest year on previous year</b>                      |                      |        |           |                    |                         |                           |         |                                  |        |           |                    |                              |           |                              |                    |
|   | KGJ7                 | KG6U   | KG9N      | KGJ3               | KGJ9                    | KGJ7                      | KGJ5    | KGJ6                             | KGJ4   | KGK2      | KGK8               | KGJ2                         | KGJ6      | KGJ2                         | KGJ2               |
| 2013  | 4.3                  | 4.4    | 5.4       | 1.1                | 4.0                     | 4.9                       | 4.0     | 14.0                             | 5.1    | 6.5       | 0.7                | 12.6                         | 5.2       | 3.1                          |                    |
| 2014  | 4.1                  | 4.2    | 1.4       | 1.5                | 6.3                     | 2.4                       | 5.6     | 2.8                              | 4.5    | -1.0      | 2.9                | 6.0                          | 4.4       | 10.8                         |                    |
| 2015  | 3.3                  | 3.2    | -0.1      | 1.6                | 5.3                     | 3.8                       | 6.1     | 7.8                              | 0.9    | 7.0       | 4.3                | 7.6                          | 3.4       | 2.4                          |                    |
| 2016  | 4.5                  | 4.0    | 0.9       | 1.0                | 4.1                     | 3.3                       | 7.1     | 4.6                              | 3.2    | 7.3       | 4.6                | 7.0                          | 5.3       | 6.0                          |                    |
| <b>Percentage change, quarter on previous quarter</b>                       |                      |        |           |                    |                         |                           |         |                                  |        |           |                    |                              |           |                              |                    |
|   | KGJ8                 | KGJ7   | KGJ9      | KGJ4               | KGJ2                    | KGJ8                      | KGJ6    | KGJ7                             | KGJ5   | KGK3      | KGK9               | KGJ3                         | KGJ7      | KGJ3                         |                    |
| 2014 Q2   | 0.8                  | 1.0    | -0.5      | -1.6               | 5.1                     | 0.9                       | 1.1     | -1.6                             | 1.4    | -1.1      | 0.3                | 0.3                          | 1.1       | 2.1                          |                    |
| Q3  | 1.8                  | 1.9    | 1.0       | 1.4                | -1.0                    | 1.2                       | 3.0     | -1.7                             | 0.9    | 1.8       | 3.2                | 1.4                          | -0.9      | 7.5                          |                    |
| Q4  | -0.2                 | -0.4   | -0.6      | 0.3                | 1.0                     | -                         | 1.5     | 1.4                              | -1.4   | 1.8       | -0.8               | 2.7                          | 0.5       | -2.6                         |                    |
| 2015 Q1   | 0.9                  | 0.8    | -1.0      | 0.6                | 0.8                     | 1.8                       | 1.7     | 1.9                              | -0.6   | 2.4       | 1.3                | 1.8                          | 1.2       | -                            |                    |
| Q2  | 0.9                  | 1.0    | 0.9       | -                  | 3.2                     | 0.7                       | 0.4     | 5.4                              | 1.5    | 1.8       | 1.7                | 1.4                          | 1.4       | -0.7                         |                    |
| Q3  | 1.1                  | 0.8    | 0.4       | 0.5                | 0.8                     | 1.3                       | 0.9     | 0.6                              | 0.5    | 0.8       | 1.0                | 1.1                          | 1.1       | 0.3                          |                    |
| Q4  | 1.0                  | 1.2    | 0.3       | 0.8                | 0.6                     | -0.5                      | 3.0     | 6.1                              | 1.7    | 3.2       | 0.6                | 4.8                          | 1.6       | 3.0                          |                    |
| 2016 Q1   | 0.9                  | 0.6    | -         | -0.3               | 1.8                     | 1.9                       | 0.9     | -1.6                             | -0.1   | 1.5       | 1.1                | 1.7                          | -         | -1.2                         |                    |
| Q2  | 1.5                  | 1.4    | -0.3      | 1.4                | -1.0                    | 0.9                       | 3.2     | -                                | 1.0    | 1.6       | 1.7                | 0.5                          | 2.6       | 3.2                          |                    |
| Q3  | 1.3                  | 1.1    | 0.7       | -0.8               | 1.3                     | -0.5                      | 0.9     | -1.5                             | 0.6    | 2.2       | 1.1                | 0.5                          | 1.7       | 5.2                          |                    |
| Q4  | 1.0                  | 1.2    | 0.6       | -0.5               | 3.0                     | 1.8                       | 1.7     | 3.7                              | 1.2    | 0.3       | 1.1                | 0.5                          | 1.4       | -0.4                         |                    |
| 2017 Q1   | 0.9                  | 1.1    | 1.7       | -0.7               | -                       | -0.1                      | 2.1     | 4.0                              | 3.2    | 0.3       | 1.3                | 0.5                          | 2.3       | -                            |                    |
| Q2  | 0.4                  | 0.5    | 1.7       | 2.0                | 1.8                     | 0.6                       | 1.7     | 3.9                              | -4.1   | 1.2       | 0.8                | 0.5                          | 0.4       | 2.4                          |                    |
| Q3  | 0.8                  | 0.9    | 0.9       | -                  | 1.7                     | 1.4                       | 1.7     | 1.4                              | 1.6    | 1.7       | 0.6                | 0.5                          | 0.3       | -0.8                         |                    |
| <b>Percentage change, quarter on corresponding quarter of previous year</b> |                      |        |           |                    |                         |                           |         |                                  |        |           |                    |                              |           |                              |                    |
|   | KGJ9                 | KGJ7   | KGJ9      | KGJ5               | KGJ3                    | KGJ9                      | KGJ7    | KGJ8                             | KGJ6   | KGK4      | KGJ2               | KGJ4                         | KGJ8      | KGJ4                         |                    |
| 2014 Q2   | 4.2                  | 4.4    | 1.9       | 3.4                | 10.0                    | 1.7                       | 4.4     | 6.5                              | 5.1    | -2.1      | 1.8                | 6.6                          | 5.8       | 10.6                         |                    |
| Q3  | 4.6                  | 4.8    | 1.4       | 0.5                | 6.1                     | 3.4                       | 6.7     | -1.0                             | 3.8    | -0.3      | 3.7                | 8.3                          | 3.5       | 14.9                         |                    |
| Q4  | 3.8                  | 3.8    | -         | 1.8                | 5.5                     | 2.5                       | 6.7     | -3.8                             | 3.6    | -0.5      | 3.2                | 3.6                          | 3.5       | 10.6                         |                    |
| 2015 Q1   | 3.4                  | 3.3    | -1.1      | 0.7                | 5.8                     | 4.1                       | 7.4     | -                                | 0.2    | 4.8       | 4.0                | 6.3                          | 1.8       | 6.9                          |                    |
| Q2  | 3.4                  | 3.3    | 0.3       | 2.3                | 3.9                     | 3.9                       | 6.7     | 7.1                              | 0.3    | 7.9       | 5.5                | 7.5                          | 2.1       | 3.9                          |                    |
| Q3  | 2.6                  | 2.3    | -0.3      | 1.5                | 5.8                     | 4.0                       | 4.5     | 9.6                              | -0.1   | 6.9       | 3.2                | 7.1                          | 4.2       | -3.0                         |                    |
| Q4  | 3.9                  | 3.9    | 0.6       | 1.9                | 5.5                     | 3.5                       | 6.0     | 14.7                             | 3.0    | 8.4       | 4.7                | 9.3                          | 5.4       | 2.5                          |                    |
| 2016 Q1   | 3.9                  | 3.7    | 1.6       | 0.9                | 6.5                     | 3.5                       | 5.2     | 10.7                             | 3.6    | 7.4       | 4.5                | 9.2                          | 4.1       | 1.3                          |                    |
| Q2  | 4.5                  | 4.0    | 0.4       | 2.4                | 2.2                     | 3.7                       | 8.2     | 5.0                              | 3.2    | 7.3       | 4.5                | 8.3                          | 5.4       | 5.3                          |                    |
| Q3  | 4.8                  | 4.2    | 0.7       | 1.0                | 2.7                     | 1.8                       | 8.3     | 2.8                              | 3.2    | 8.7       | 4.6                | 7.6                          | 6.0       | 10.5                         |                    |
| Q4  | 4.8                  | 4.3    | 1.1       | -0.3               | 5.1                     | 4.1                       | 6.9     | 0.5                              | 2.8    | 5.7       | 5.0                | 3.2                          | 5.8       | 6.8                          |                    |
| 2017 Q1   | 4.9                  | 4.7    | 2.8       | -0.6               | 3.3                     | 2.1                       | 8.2     | 6.2                              | 6.1    | 4.5       | 5.3                | 2.0                          | 8.1       | 8.2                          |                    |
| Q2  | 3.7                  | 3.9    | 4.8       | 0.1                | 6.2                     | 1.9                       | 6.5     | 10.4                             | 0.8    | 4.0       | 4.4                | 1.9                          | 5.8       | 7.4                          |                    |
| Q3  | 3.2                  | 3.7    | 5.0       | 0.9                | 6.7                     | 3.8                       | 7.4     | 13.6                             | 1.8    | 3.6       | 3.9                | 1.9                          | 4.4       | 1.2                          |                    |

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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

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

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

£ million

|   |           | UK NATIONAL <sup>2</sup> |             |         |         |               |                     |                    |          |
|---|-----------|--------------------------|-------------|---------|---------|---------------|---------------------|--------------------|----------|
|   |           | UK DOMESTIC <sup>3</sup> |             |         |         |               |                     |                    |          |
|   |           |                          |             | Goods   |         |               |                     |                    |          |
|   |           | Total                    | Net tourism | Total   | Total   | Durable goods | Semi- durable goods | Non- durable goods | Services |
| COICOP <sup>1</sup>   |           |                          |             |         | D       | SD            | ND                  | S                  |          |
|   | ABJQ      | ABTF                     | ZAKV        | UTIF    | UTIB    | UTIR          | UTIJ                | UTIN               |          |
| 2013  | 1 098 735 | 7 002                    | 1 091 733   | 468 300 | 97 933  | 111 460       | 258 907             | 623 433            |          |
| 2014  | 1 143 919 | 6 520                    | 1 137 399   | 479 405 | 105 657 | 115 427       | 258 321             | 657 994            |          |
| 2015  | 1 181 868 | 8 083                    | 1 173 785   | 489 142 | 112 667 | 121 128       | 255 347             | 684 643            |          |
| 2016  | 1 235 357 | 14 113                   | 1 221 244   | 504 044 | 119 092 | 127 057       | 257 895             | 717 200            |          |
| <b>Seasonally adjusted</b>  |           |                          |             |         |         |               |                     |                    |          |
| 2014 Q2   | 284 105   | 1 399                    | 282 706     | 119 299 | 26 032  | 28 969        | 64 298              | 163 407            |          |
| Q3  | 289 277   | 1 312                    | 287 965     | 120 791 | 26 518  | 29 194        | 65 079              | 167 174            |          |
| Q4  | 288 777   | 1 932                    | 286 845     | 120 618 | 27 015  | 29 254        | 64 349              | 166 227            |          |
| 2015 Q1   | 291 252   | 2 070                    | 289 182     | 120 705 | 27 289  | 29 500        | 63 916              | 168 477            |          |
| Q2  | 293 798   | 1 703                    | 292 095     | 122 138 | 27 891  | 30 220        | 64 027              | 169 957            |          |
| Q3  | 296 915   | 2 368                    | 294 547     | 123 264 | 28 516  | 30 502        | 64 246              | 171 283            |          |
| Q4  | 299 903   | 1 942                    | 297 961     | 123 035 | 28 971  | 30 906        | 63 158              | 174 926            |          |
| 2016 Q1   | 302 573   | 2 820                    | 299 753     | 124 719 | 29 639  | 31 376        | 63 704              | 175 034            |          |
| Q2  | 307 133   | 3 322                    | 303 811     | 125 659 | 29 696  | 31 535        | 64 428              | 178 152            |          |
| Q3  | 311 243   | 4 206                    | 307 037     | 125 417 | 29 785  | 31 643        | 63 989              | 181 620            |          |
| Q4  | 314 408   | 3 765                    | 310 643     | 128 249 | 29 972  | 32 503        | 65 774              | 182 394            |          |
| 2017 Q1   | 317 262   | 3 342                    | 313 920     | 129 783 | 31 172  | 32 867        | 65 744              | 184 137            |          |
| Q2  | 318 520   | 2 939                    | 315 581     | 129 507 | 29 933  | 33 404        | 66 170              | 186 074            |          |
| Q3  | 321 106   | 2 723                    | 318 383     | 131 893 | 30 930  | 33 820        | 67 143              | 186 490            |          |
| <b>Percentage change, latest year on previous year</b>                      |           |                          |             |         |         |               |                     |                    |          |
|   | KG7       |                          | KG6U        | KHC9    | KHB5    | KHH5          | KHE5                | KHF9               |          |
| 2013  | 4.3       |                          | 4.4         | 4.2     | 4.8     | 3.8           | 4.1                 | 4.6                |          |
| 2014  | 4.1       |                          | 4.2         | 2.4     | 7.9     | 3.6           | -0.2                | 5.5                |          |
| 2015  | 3.3       |                          | 3.2         | 2.0     | 6.6     | 4.9           | -1.2                | 4.1                |          |
| 2016  | 4.5       |                          | 4.0         | 3.0     | 5.7     | 4.9           | 1.0                 | 4.8                |          |
| <b>Percentage change, quarter on previous quarter</b>                       |           |                          |             |         |         |               |                     |                    |          |
|   | KG8       |                          | KG74        | KHD2    | KHB6    | KHH6          | KHE6                | KHG2               |          |
| 2014 Q2   | 0.8       |                          | 1.0         | 0.5     | -0.2    | 3.4           | -0.5                | 1.4                |          |
| Q3  | 1.8       |                          | 1.9         | 1.3     | 1.9     | 0.8           | 1.2                 | 2.3                |          |
| Q4  | -0.2      |                          | -0.4        | -0.1    | 1.9     | 0.2           | -1.1                | -0.6               |          |
| 2015 Q1   | 0.9       |                          | 0.8         | 0.1     | 1.0     | 0.8           | -0.7                | 1.4                |          |
| Q2  | 0.9       |                          | 1.0         | 1.2     | 2.2     | 2.4           | 0.2                 | 0.9                |          |
| Q3  | 1.1       |                          | 0.8         | 0.9     | 2.2     | 0.9           | 0.3                 | 0.8                |          |
| Q4  | 1.0       |                          | 1.2         | -0.2    | 1.6     | 1.3           | -1.7                | 2.1                |          |
| 2016 Q1   | 0.9       |                          | 0.6         | 1.4     | 2.3     | 1.5           | 0.9                 | 0.1                |          |
| Q2  | 1.5       |                          | 1.4         | 0.8     | 0.2     | 0.5           | 1.1                 | 1.8                |          |
| Q3  | 1.3       |                          | 1.1         | -0.2    | 0.3     | 0.3           | -0.7                | 1.9                |          |
| Q4  | 1.0       |                          | 1.2         | 2.3     | 0.6     | 2.7           | 2.8                 | 0.4                |          |
| 2017 Q1   | 0.9       |                          | 1.1         | 1.2     | 4.0     | 1.1           | -                   | 1.0                |          |
| Q2  | 0.4       |                          | 0.5         | -0.2    | -4.0    | 1.6           | 0.6                 | 1.1                |          |
| Q3  | 0.8       |                          | 0.9         | 1.8     | 3.3     | 1.2           | 1.5                 | 0.2                |          |
| <b>Percentage change, quarter on corresponding quarter of previous year</b> |           |                          |             |         |         |               |                     |                    |          |
|   | KG9       |                          | KG7C        | KHD3    | KHB7    | KHH7          | KHE7                | KHG3               |          |
| 2014 Q2   | 4.2       |                          | 4.4         | 2.5     | 6.9     | 4.7           | -0.1                | 5.8                |          |
| Q3  | 4.6       |                          | 4.8         | 2.8     | 5.9     | 4.5           | 0.8                 | 6.4                |          |
| Q4  | 3.8       |                          | 3.8         | 2.1     | 8.2     | 3.7           | -0.9                | 5.0                |          |
| 2015 Q1   | 3.4       |                          | 3.3         | 1.7     | 4.6     | 5.3           | -1.1                | 4.5                |          |
| Q2  | 3.4       |                          | 3.3         | 2.4     | 7.1     | 4.3           | -0.4                | 4.0                |          |
| Q3  | 2.6       |                          | 2.3         | 2.0     | 7.5     | 4.5           | -1.3                | 2.5                |          |
| Q4  | 3.9       |                          | 3.9         | 2.0     | 7.2     | 5.6           | -1.9                | 5.2                |          |
| 2016 Q1   | 3.9       |                          | 3.7         | 3.3     | 8.6     | 6.4           | -0.3                | 3.9                |          |
| Q2  | 4.5       |                          | 4.0         | 2.9     | 6.5     | 4.4           | 0.6                 | 4.8                |          |
| Q3  | 4.8       |                          | 4.2         | 1.7     | 4.5     | 3.7           | -0.4                | 6.0                |          |
| Q4  | 4.8       |                          | 4.3         | 4.2     | 3.5     | 5.2           | 4.1                 | 4.3                |          |
| 2017 Q1   | 4.9       |                          | 4.7         | 4.1     | 5.2     | 4.8           | 3.2                 | 5.2                |          |
| Q2  | 3.7       |                          | 3.9         | 3.1     | 0.8     | 5.9           | 2.7                 | 4.4                |          |
| Q3  | 3.2       |                          | 3.7         | 5.2     | 3.8     | 6.9           | 4.9                 | 2.7                |          |

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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

# E3 Household final consumption expenditure by purpose

## Chained volume measures

Reference year 2015, £ million

### UK NATIONAL<sup>2</sup>

### UK DOMESTIC<sup>3</sup>

| COICOP <sup>1</sup> | Net tourism |        | Total     | Food & drink | Alcohol & tobacco | Clothing & footwear | Housing | Household goods & services |        | Health  | Transport | Communi-cation | Recreati-on & culture | Education | Restau-rants & hotels | Miscell-aneous |
|---------------------|-------------|--------|-----------|--------------|-------------------|---------------------|---------|----------------------------|--------|---------|-----------|----------------|-----------------------|-----------|-----------------------|----------------|
|                     | ABJR        | ABTH   |           |              |                   |                     |         | ZAKW                       | ZWUN   |         |           |                |                       |           |                       |                |
| 2013                | 1 126 255   | 1 197  | 1 125 788 | 93 632       | 44 736            | 58 566              | 316 818 | 49 313                     | 19 448 | 147 058 | 21 730    | 103 504        | 21 220                | 107 794   | 142 756               |                |
| 2014                | 1 150 513   | 3 314  | 1 147 539 | 95 212       | 43 862            | 61 995              | 315 618 | 51 693                     | 19 584 | 154 088 | 21 273    | 105 488        | 20 429                | 109 377   | 149 184               |                |
| 2015                | 1 181 868   | 8 083  | 1 173 785 | 97 641       | 43 227            | 65 064              | 319 589 | 54 861                     | 20 736 | 158 418 | 22 455    | 110 860        | 20 233                | 110 372   | 150 329               |                |
| 2016                | 1 218 393   | 11 056 | 1 207 337 | 101 031      | 42 313            | 67 788              | 323 038 | 58 880                     | 21 660 | 161 863 | 23 438    | 115 527        | 20 667                | 113 629   | 157 503               |                |

### Seasonally adjusted

|         |         |       |         |        |        |        |        |        |       |        |       |        |       |        |        |
|---------|---------|-------|---------|--------|--------|--------|--------|--------|-------|--------|-------|--------|-------|--------|--------|
| 2014 Q2 | 286 168 | 625   | 285 638 | 23 640 | 10 930 | 15 605 | 78 795 | 12 723 | 4 908 | 38 590 | 5 241 | 25 983 | 5 168 | 27 596 | 36 522 |
| Q3      | 289 930 | 632   | 289 367 | 23 998 | 10 986 | 15 609 | 79 180 | 13 025 | 4 811 | 38 908 | 5 336 | 26 700 | 5 210 | 27 202 | 38 496 |
| Q4      | 289 219 | 1 189 | 288 101 | 23 955 | 10 861 | 15 738 | 78 908 | 13 335 | 4 839 | 38 846 | 5 422 | 26 724 | 4 897 | 27 133 | 37 428 |
| 2015 Q1 | 292 140 | 1 639 | 290 576 | 24 027 | 10 815 | 15 803 | 79 958 | 13 481 | 4 917 | 38 887 | 5 498 | 27 059 | 4 983 | 27 282 | 37 871 |
| Q2      | 294 126 | 1 487 | 292 625 | 24 310 | 10 802 | 16 273 | 79 960 | 13 637 | 5 151 | 39 481 | 5 596 | 27 664 | 5 053 | 27 500 | 37 180 |
| Q3      | 297 203 | 2 970 | 294 150 | 24 551 | 10 800 | 16 404 | 80 280 | 13 646 | 5 170 | 39 889 | 5 628 | 27 944 | 5 089 | 27 684 | 37 060 |
| Q4      | 298 399 | 1 987 | 296 434 | 24 753 | 10 810 | 16 584 | 79 391 | 14 097 | 5 498 | 40 161 | 5 733 | 28 193 | 5 108 | 27 906 | 38 218 |
| 2016 Q1 | 300 668 | 2 505 | 298 163 | 25 018 | 10 625 | 16 759 | 80 536 | 14 226 | 5 420 | 40 044 | 5 796 | 28 548 | 5 192 | 27 980 | 38 019 |
| Q2      | 303 899 | 2 860 | 301 039 | 25 161 | 10 745 | 16 744 | 80 996 | 14 696 | 5 414 | 40 541 | 5 839 | 28 744 | 5 220 | 28 265 | 38 674 |
| Q3      | 306 469 | 3 497 | 302 972 | 25 352 | 10 544 | 16 963 | 80 130 | 14 960 | 5 377 | 40 576 | 5 894 | 29 000 | 5 205 | 28 484 | 40 487 |
| Q4      | 307 357 | 2 194 | 305 163 | 25 500 | 10 399 | 17 322 | 81 376 | 14 998 | 5 449 | 40 702 | 5 909 | 29 235 | 5 050 | 28 900 | 40 323 |
| 2017 Q1 | 307 802 | 2 037 | 305 765 | 25 688 | 10 217 | 17 265 | 80 886 | 15 146 | 5 648 | 40 915 | 5 916 | 29 390 | 5 072 | 28 952 | 40 670 |
| Q2      | 308 270 | 1 831 | 306 439 | 25 817 | 10 313 | 17 328 | 80 819 | 15 302 | 5 817 | 39 874 | 5 981 | 29 559 | 5 096 | 29 051 | 41 482 |
| Q3      | 309 682 | 1 679 | 308 003 | 25 966 | 10 264 | 17 484 | 81 470 | 15 415 | 5 857 | 40 364 | 6 006 | 29 680 | 5 108 | 28 908 | 41 481 |

### Percentage change, latest year on previous year

|      | KGZ5 | KG7O | KG9Y | KGf6 | KGG4 | KGH2 | KGH8 | KGi9 | KGJ7 | KGK5 | KGL3 | KGB8 | KGD4 | KGE8 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2013 | 1.9  | 2.1  | 1.6  | -1.5 | 3.1  | 1.9  | 3.3  | 12.2 | 3.2  | 3.5  | -    | -3.9 | 2.9  | 2.5  |
| 2014 | 2.2  | 1.9  | 1.7  | -2.0 | 5.9  | -0.4 | 4.8  | 0.7  | 4.8  | -2.1 | 1.9  | -3.7 | 1.5  | 4.5  |
| 2015 | 2.7  | 2.3  | 2.6  | -1.4 | 5.0  | 1.3  | 6.1  | 5.9  | 2.8  | 5.6  | 5.1  | -1.0 | 0.9  | 0.8  |
| 2016 | 3.1  | 2.9  | 3.5  | -2.1 | 4.2  | 1.1  | 7.3  | 4.5  | 2.2  | 4.4  | 4.2  | 2.1  | 3.0  | 4.8  |

### Percentage change, quarter on previous quarter

|         | KGZ6 | KG7R | KGA3 | KGf7 | KGG5 | KGH3 | KGH9 | KGJ2 | KGJ8 | KGK6 | KGL4 | KGB9 | KGD5 | KGE9 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2014 Q2 | 0.3  | 0.4  | 0.1  | -1.4 | 3.7  | 0.1  | 0.9  | -2.3 | 2.2  | -0.6 | -0.4 | 0.3  | 0.5  | -0.6 |
| Q3      | 1.3  | 1.3  | 1.5  | 0.5  | -    | 0.5  | 2.4  | -2.0 | 0.8  | 1.8  | 2.8  | 0.8  | -1.4 | 5.4  |
| Q4      | -0.2 | -0.4 | -0.2 | -1.1 | 0.8  | -0.3 | 2.4  | 0.6  | -0.2 | 1.6  | 0.1  | -6.0 | -0.3 | -2.8 |
| 2015 Q1 | 1.0  | 0.9  | 0.3  | -0.4 | 0.4  | 1.3  | 1.1  | 1.6  | 0.1  | 1.4  | 1.3  | 1.8  | 0.5  | 1.2  |
| Q2      | 0.7  | 0.7  | 1.2  | -0.1 | 3.0  | -    | 1.2  | 4.8  | 1.5  | 1.8  | 2.2  | 1.4  | 0.8  | -1.8 |
| Q3      | 1.0  | 0.5  | 1.0  | -    | 0.8  | 0.4  | 0.1  | 0.4  | 1.0  | 0.6  | 1.0  | 0.7  | 0.7  | -0.3 |
| Q4      | 0.4  | 0.8  | 0.8  | 0.1  | 1.1  | -1.1 | 3.3  | 6.3  | 0.7  | 1.9  | 0.9  | 0.4  | 0.8  | 3.1  |
| 2016 Q1 | 0.8  | 0.6  | 1.1  | -1.7 | 1.1  | 1.4  | 0.9  | -1.4 | -0.3 | 1.1  | 1.3  | 1.6  | 0.3  | -0.5 |
| Q2      | 1.1  | 1.0  | 0.6  | 1.1  | -0.1 | 0.6  | 3.3  | -0.1 | 1.2  | 0.7  | 0.7  | 0.5  | 1.0  | 1.7  |
| Q3      | 0.8  | 0.6  | 0.8  | -1.9 | 1.3  | -1.1 | 1.8  | -0.7 | 0.1  | 0.9  | 0.9  | -0.3 | 0.8  | 4.7  |
| Q4      | 0.3  | 0.7  | 0.6  | -1.4 | 2.1  | 1.6  | 0.3  | 1.3  | 0.3  | 0.3  | 0.8  | -3.0 | 1.5  | -0.4 |
| 2017 Q1 | 0.1  | 0.2  | 0.7  | -1.8 | -0.3 | -0.6 | 1.0  | 3.7  | 0.5  | 0.1  | 0.5  | 0.4  | 0.2  | 0.9  |
| Q2      | 0.2  | 0.2  | 0.5  | 0.9  | 0.4  | -0.1 | 1.0  | 3.0  | -2.5 | 1.1  | 0.6  | 0.5  | 0.3  | 2.0  |
| Q3      | 0.5  | 0.5  | 0.6  | -0.5 | 0.9  | 0.8  | 0.7  | 0.7  | 1.2  | 0.4  | 0.4  | 0.2  | -0.5 | -    |

### Percentage change, quarter on corresponding quarter of previous year

|         | KGZ7 | KG7U | KGA6 | KGf8 | KGG6 | KGH4 | KGi2 | KGJ3 | KGJ9 | KGK7 | KGL5 | KGC2 | KGD6 | KGf2 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2014 Q2 | 2.1  | 2.0  | 1.8  | -0.5 | 8.7  | -1.1 | 3.2  | 4.3  | 4.6  | -3.2 | 0.8  | -3.4 | 2.9  | 4.9  |
| Q3      | 2.7  | 2.5  | 2.5  | -2.5 | 6.1  | 0.5  | 5.3  | -3.3 | 3.9  | -1.1 | 2.5  | -1.8 | 0.3  | 7.8  |
| Q4      | 2.0  | 1.8  | 1.7  | -1.4 | 5.6  | -0.2 | 7.0  | -5.6 | 5.7  | -1.1 | 2.6  | -5.7 | 0.4  | 2.3  |
| 2015 Q1 | 2.4  | 2.2  | 1.7  | -2.4 | 5.1  | 1.6  | 6.9  | -2.2 | 3.0  | 4.2  | 3.7  | -3.3 | -0.6 | 3.1  |
| Q2      | 2.8  | 2.4  | 2.8  | -1.2 | 4.3  | 1.5  | 7.2  | 5.0  | 2.3  | 6.8  | 6.5  | -2.2 | -0.3 | 1.8  |
| Q3      | 2.5  | 1.7  | 2.3  | -1.7 | 5.1  | 1.4  | 4.8  | 7.5  | 2.5  | 5.5  | 4.7  | -2.3 | 1.8  | -3.7 |
| Q4      | 3.2  | 2.9  | 3.3  | -0.5 | 5.4  | 0.6  | 5.7  | 13.6 | 3.4  | 5.7  | 5.5  | 4.3  | 2.8  | 2.1  |
| 2016 Q1 | 2.9  | 2.6  | 4.1  | -1.8 | 6.0  | 0.7  | 5.5  | 10.2 | 3.0  | 5.4  | 5.5  | 4.2  | 2.6  | 0.4  |
| Q2      | 3.3  | 2.9  | 3.5  | -0.5 | 2.9  | 1.3  | 7.8  | 5.1  | 2.7  | 4.3  | 3.9  | 3.3  | 2.8  | 4.0  |
| Q3      | 3.1  | 3.0  | 3.3  | -2.4 | 3.4  | -0.2 | 9.6  | 4.0  | 1.7  | 4.7  | 3.8  | 2.3  | 2.9  | 9.2  |
| Q4      | 3.0  | 2.9  | 3.0  | -3.8 | 4.5  | 2.5  | 6.4  | -0.9 | 1.3  | 3.1  | 3.7  | -1.1 | 3.6  | 5.5  |
| 2017 Q1 | 2.4  | 2.5  | 2.7  | -3.8 | 3.0  | 0.4  | 6.5  | 4.2  | 2.2  | 2.1  | 2.9  | -2.3 | 3.5  | 7.0  |
| Q2      | 1.4  | 1.8  | 2.6  | -4.0 | 3.5  | -0.2 | 4.1  | 7.4  | -1.6 | 2.4  | 2.8  | -2.4 | 2.8  | 7.3  |
| Q3      | 1.0  | 1.7  | 2.4  | -2.7 | 3.1  | 1.7  | 3.0  | 8.9  | -0.5 | 1.9  | 2.3  | -1.9 | 1.5  | 2.5  |

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

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

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

Reference year 2015, £ million

| UK NATIONAL <sup>2</sup>  |           |             |           |         |               |                     |                    |          |
|---|-----------|-------------|-----------|---------|---------------|---------------------|--------------------|----------|
| UK DOMESTIC <sup>3</sup>  |           |             |           |         |               |                     |                    |          |
| Goods   |           |             |           |         |               |                     |                    |          |
|   | Total     | Net tourism | Total     | Total   | Durable goods | Semi- durable goods | Non- durable goods | Services |
| COICOP <sup>1</sup>   |           |             |           |         | D             | SD                  | ND                 | S        |
|   | ABJR      | ABTH        | ZAKW      | UTIH    | UTID          | UTIT                | UTIL               | UTIP     |
| 2013  | 1 126 255 | 1 197       | 1 125 788 | 461 792 | 96 593        | 111 700             | 253 344            | 664 350  |
| 2014  | 1 150 513 | 3 314       | 1 147 539 | 470 889 | 104 076       | 115 164             | 251 565            | 676 997  |
| 2015  | 1 181 868 | 8 083       | 1 173 785 | 489 142 | 112 667       | 121 128             | 255 347            | 684 643  |
| 2016  | 1 218 393 | 11 056      | 1 207 337 | 507 244 | 119 016       | 127 594             | 260 634            | 700 093  |
| <b>Seasonally adjusted</b>  |           |             |           |         |               |                     |                    |          |
| 2014 Q2   | 286 168   | 625         | 285 638   | 116 966 | 25 650        | 28 758              | 62 538             | 168 778  |
| Q3  | 289 930   | 632         | 289 367   | 118 512 | 26 105        | 29 092              | 63 301             | 170 960  |
| Q4  | 289 219   | 1 189       | 288 101   | 119 238 | 26 866        | 29 224              | 63 140             | 168 868  |
| 2015 Q1   | 292 140   | 1 639       | 290 576   | 120 372 | 27 280        | 29 457              | 63 626             | 170 208  |
| Q2  | 294 126   | 1 487       | 292 625   | 121 999 | 28 029        | 30 247              | 63 725             | 170 607  |
| Q3  | 297 203   | 2 970       | 294 150   | 123 186 | 28 438        | 30 506              | 64 242             | 170 941  |
| Q4  | 298 399   | 1 987       | 296 434   | 123 585 | 28 920        | 30 918              | 63 754             | 172 887  |
| 2016 Q1   | 300 668   | 2 505       | 298 163   | 125 423 | 29 527        | 31 439              | 64 457             | 172 740  |
| Q2  | 303 899   | 2 860       | 301 039   | 126 814 | 29 696        | 31 657              | 65 461             | 174 225  |
| Q3  | 306 469   | 3 497       | 302 972   | 126 442 | 29 855        | 31 906              | 64 681             | 176 530  |
| Q4  | 307 357   | 2 194       | 305 163   | 128 565 | 29 938        | 32 592              | 66 035             | 176 598  |
| 2017 Q1   | 307 802   | 2 037       | 305 765   | 128 102 | 30 506        | 32 766              | 64 830             | 177 663  |
| Q2  | 308 270   | 1 831       | 306 439   | 127 551 | 29 167        | 33 077              | 65 307             | 178 888  |
| Q3  | 309 682   | 1 679       | 308 003   | 129 127 | 29 820        | 33 339              | 65 968             | 178 876  |
| <b>Percentage change, year on previous year</b>                             |           |             |           |         |               |                     |                    |          |
|   | KGZ5      |             | KG7O      | KHD7    | KHC3          | KHI3                | KHF3               | KHG7     |
| 2013  | 1.9       |             | 2.1       | 2.7     | 6.2           | 2.9                 | 1.3                | 1.7      |
| 2014  | 2.2       |             | 1.9       | 2.0     | 7.7           | 3.1                 | -0.7               | 1.9      |
| 2015  | 2.7       |             | 2.3       | 3.9     | 8.3           | 5.2                 | 1.5                | 1.1      |
| 2016  | 3.1       |             | 2.9       | 3.7     | 5.6           | 5.3                 | 2.1                | 2.3      |
| <b>Percentage change, quarter on previous quarter</b>                       |           |             |           |         |               |                     |                    |          |
|   | KGZ6      |             | KG7R      | KHD8    | KHC4          | KHI4                | KHF4               | KHG8     |
| 2014 Q2   | 0.3       |             | 0.4       | 0.7     | 0.8           | 2.4                 | -0.1               | 0.2      |
| Q3  | 1.3       |             | 1.3       | 1.3     | 1.8           | 1.2                 | 1.2                | 1.3      |
| Q4  | -0.2      |             | -0.4      | 0.6     | 2.9           | 0.5                 | -0.3               | -1.2     |
| 2015 Q1   | 1.0       |             | 0.9       | 1.0     | 1.5           | 0.8                 | 0.8                | 0.8      |
| Q2  | 0.7       |             | 0.7       | 1.4     | 2.7           | 2.7                 | 0.2                | 0.2      |
| Q3  | 1.0       |             | 0.5       | 1.0     | 1.5           | 0.9                 | 0.8                | 0.2      |
| Q4  | 0.4       |             | 0.8       | 0.3     | 1.7           | 1.4                 | -0.8               | 1.1      |
| 2016 Q1   | 0.8       |             | 0.6       | 1.5     | 2.1           | 1.7                 | 1.1                | -0.1     |
| Q2  | 1.1       |             | 1.0       | 1.1     | 0.6           | 0.7                 | 1.6                | 0.9      |
| Q3  | 0.8       |             | 0.6       | -0.3    | 0.5           | 0.8                 | -1.2               | 1.3      |
| Q4  | 0.3       |             | 0.7       | 1.7     | 0.3           | 2.2                 | 2.1                | -        |
| 2017 Q1   | 0.1       |             | 0.2       | -0.4    | 1.9           | 0.5                 | -1.8               | 0.6      |
| Q2  | 0.2       |             | 0.2       | -0.4    | -4.4          | 0.9                 | 0.7                | 0.7      |
| Q3  | 0.5       |             | 0.5       | 1.2     | 2.2           | 0.8                 | 1.0                | -        |
| <b>Percentage change, quarter on corresponding quarter of previous year</b> |           |             |           |         |               |                     |                    |          |
|   | KGZ7      |             | KG7U      | KHD9    | KHC5          | KHI5                | KHF5               | KHG9     |
| 2014 Q2   | 2.1       |             | 2.0       | 1.6     | 6.4           | 3.8                 | -1.1               | 2.2      |
| Q3  | 2.7       |             | 2.5       | 2.4     | 5.4           | 3.9                 | 0.6                | 2.5      |
| Q4  | 2.0       |             | 1.8       | 2.7     | 8.2           | 3.8                 | -                  | 1.1      |
| 2015 Q1   | 2.4       |             | 2.2       | 3.6     | 7.2           | 4.9                 | 1.7                | 1.1      |
| Q2  | 2.8       |             | 2.4       | 4.3     | 9.3           | 5.2                 | 1.9                | 1.1      |
| Q3  | 2.5       |             | 1.7       | 3.9     | 8.9           | 4.9                 | 1.5                | -        |
| Q4  | 3.2       |             | 2.9       | 3.6     | 7.6           | 5.8                 | 1.0                | 2.4      |
| 2016 Q1   | 2.9       |             | 2.6       | 4.2     | 8.2           | 6.7                 | 1.3                | 1.5      |
| Q2  | 3.3       |             | 2.9       | 3.9     | 5.9           | 4.7                 | 2.7                | 2.1      |
| Q3  | 3.1       |             | 3.0       | 2.6     | 5.0           | 4.6                 | 0.7                | 3.3      |
| Q4  | 3.0       |             | 2.9       | 4.0     | 3.5           | 5.4                 | 3.6                | 2.1      |
| 2017 Q1   | 2.4       |             | 2.5       | 2.1     | 3.3           | 4.2                 | 0.6                | 2.8      |
| Q2  | 1.4       |             | 1.8       | 0.6     | -1.8          | 4.5                 | -0.2               | 2.7      |
| Q3  | 1.0       |             | 1.7       | 2.1     | -0.1          | 4.5                 | 2.0                | 1.3      |

1 ESA 10 Classification of Individual Consumption by Purpose.

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

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



# F Gross fixed capital formation by sector and type of asset

## Chained volume measures

Reference year 2015, £ million

|  | Analysis by sector               |                    |                        |                     |   |                        |                     |   | Analysis by asset   |                               |                        |   |                                    |       |
|--|----------------------------------|--------------------|------------------------|---------------------|---|------------------------|---------------------|---|---------------------|-------------------------------|------------------------|---|------------------------------------|-------|
|  | Public corporations <sup>2</sup> |                    |                        |                     | Private Sector  |                        |                     |   | Transport equipment | Other machinery and equipment | Dwellings <sup>3</sup> | Other buildings and structures <sup>4</sup> | Intellectual and Property Products | Total |
|  | Business investment <sup>1</sup> | General government | Dwellings <sup>3</sup> | non-produced assets | Costs of transfer of ownership of non-produced assets | Dwellings <sup>3</sup> | non-produced assets | Costs of transfer of ownership of non-produced assets |                     |                               |                        |   |                                    |       |
| 2013   | NPEL                             | DLWF               | L634                   | L635                | L636  | L637                   | NPQT                | DLWL  | DLWO                | DFEG                          | DLWT                   | EQDO  | NPQT                               |       |
| 2013   | 164 847                          | 47 637             | 6 492                  | 535                 | 51 886  | 13 292                 | 284 562             | 11 234  | 52 792              | 58 376                        | 100 667                | 61 824                                      | 284 562                            |       |
| 2014   | 173 239                          | 51 747             | 7 623                  | 663                 | 56 234  | 15 237                 | 304 735             | 16 313  | 58 896              | 63 861                        | 103 714                | 61 951                                      | 304 735                            |       |
| 2015   | 179 697                          | 50 287             | 7 524                  | 687                 | 59 977  | 15 018                 | 313 189             | 21 977  | 57 566              | 67 501                        | 105 969                | 60 176                                      | 313 189                            |       |
| 2016   | 178 835                          | 50 927             | 7 605                  | 719                 | 64 098  | 16 595                 | 318 779             | 26 572  | 54 004              | 71 761                        | 106 006                | 60 436                                      | 318 779                            |       |
| <b>Seasonally adjusted</b>   |                                  |                    |                        |                     |   |                        |                     |   |                     |                               |                        |   |                                    |       |
| 2014 Q2  | 43 943                           | 12 341             | 1 936                  | 172                 | 13 732  | 3 958                  | 76 107              | 4 134   | 15 018              | 15 669                        | 25 856                 | 15 426                                      | 76 107                             |       |
| Q3   | 43 697                           | 12 921             | 1 981                  | 168                 | 14 319  | 3 886                  | 76 974              | 4 491   | 15 119              | 16 302                        | 25 741                 | 15 292                                      | 76 974                             |       |
| Q4   | 43 356                           | 12 998             | 2 021                  | 167                 | 14 240  | 3 771                  | 76 544              | 4 397   | 14 860              | 16 263                        | 25 446                 | 15 552                                      | 76 544                             |       |
| 2015 Q1  | 45 624                           | 12 887             | 2 100                  | 173                 | 14 396  | 3 531                  | 78 709              | 6 291   | 14 222              | 16 496                        | 26 932                 | 14 733                                      | 78 709                             |       |
| Q2   | 45 685                           | 13 159             | 1 821                  | 164                 | 15 314  | 3 658                  | 79 802              | 5 467   | 15 012              | 17 135                        | 26 780                 | 15 427                                      | 79 802                             |       |
| Q3   | 44 175                           | 12 339             | 1 834                  | 173                 | 14 996  | 3 777                  | 77 293              | 4 948   | 14 129              | 16 830                        | 26 320                 | 15 076                                      | 77 293                             |       |
| Q4   | 44 213                           | 11 902             | 1 769                  | 177                 | 15 271  | 4 052                  | 77 385              | 5 271   | 14 203              | 17 040                        | 25 937                 | 14 940                                      | 77 385                             |       |
| 2016 Q1  | 44 191                           | 11 852             | 1 768                  | 160                 | 15 586  | 4 406                  | 77 963              | 6 074   | 13 530              | 17 365                        | 25 933                 | 15 061                                      | 77 963                             |       |
| Q2   | 44 518                           | 13 102             | 2 013                  | 211                 | 15 752  | 3 914                  | 79 510              | 6 442   | 13 855              | 17 779                        | 26 309                 | 15 125                                      | 79 510                             |       |
| Q3   | 45 093                           | 13 129             | 1 885                  | 170                 | 16 100  | 4 003                  | 80 380              | 7 270   | 13 413              | 18 001                        | 26 626                 | 15 070                                      | 80 380                             |       |
| Q4   | 45 033                           | 12 844             | 1 939                  | 178                 | 16 660  | 4 272                  | 80 926              | 6 786   | 13 206              | 18 616                        | 27 138                 | 15 180                                      | 80 926                             |       |
| 2017 Q1  | 45 379                           | 11 999             | 1 985                  | 149                 | 17 266  | 4 527                  | 81 305              | 6 443   | 12 698              | 19 267                        | 27 866                 | 15 031                                      | 81 305                             |       |
| Q2   | 45 621                           | 13 393             | 2 012                  | 236                 | 16 827  | 4 053                  | 82 142              | 6 579   | 14 183              | 18 855                        | 27 438                 | 15 087                                      | 82 142                             |       |
| Q3   | 45 868                           | 13 204             | 2 009                  | 164                 | 17 218  | 3 886                  | 82 349              | 6 149   | 13 919              | 19 243                        | 27 684                 | 15 354                                      | 82 349                             |       |
| <b>Percentage change, latest year on previous year</b>                             |                                  |                    |                        |                     |   |                        |                     |   |                     |                               |                        |   |                                    |       |
|  | KG7M                             | KH92               | L64T                   | L64W                | L654  | L64Z                   | KG7N                | KH95  | KH96                | KH8Y                          | KH97                   | KH98  | KG7N                               |       |
| 2013   | 3.0                              | -3.5               | -5.8                   | 15.8                | 8.6   | 23.7                   | 3.4                 | 8.7   | 1.3                 | 6.6                           | 2.1                    | 3.2   | 3.4                                |       |
| 2014   | 5.1                              | 8.6                | 17.4                   | 23.9                | 8.4   | 14.6                   | 7.1                 | 45.2  | 11.6                | 9.4                           | 3.0                    | 0.2   | 7.1                                |       |
| 2015   | 3.7                              | -2.8               | -1.3                   | 3.6                 | 6.7   | -1.4                   | 2.8                 | 34.7  | -2.3                | 5.7                           | 2.2                    | -2.9  | 2.8                                |       |
| 2016   | -0.5                             | 1.3                | 1.1                    | 4.7                 | 6.9   | 10.5                   | 1.8                 | 20.9  | -6.2                | 6.3                           | -                      | 0.4   | 1.8                                |       |
| <b>Percentage change, latest quarter on previous quarter</b>                       |                                  |                    |                        |                     |   |                        |                     |   |                     |                               |                        |   |                                    |       |
|  | KG7P                             | KH9C               | L64U                   | L64X                | L655  | L652                   | KG7Q                | KH9F  | KH9G                | KH9A                          | KH9H                   | KH9I  | KG7Q                               |       |
| 2014 Q2  | 4.0                              | -8.5               | 14.9                   | 10.3                | -1.5  | 9.3                    | 1.3                 | 25.6  | 8.1                 | 0.3                           | -3.1                   | -1.6  | 1.3                                |       |
| Q3   | -0.6                             | 4.7                | 2.3                    | -2.3                | 4.3   | -1.8                   | 1.1                 | 8.6   | 0.7                 | 4.0                           | -0.4                   | -0.9  | 1.1                                |       |
| Q4   | -0.8                             | 0.6                | 2.0                    | -0.6                | -0.6  | -3.0                   | -0.6                | -2.1  | -1.7                | -0.2                          | -1.1                   | 1.7   | -0.6                               |       |
| 2015 Q1  | 5.2                              | -0.9               | 3.9                    | 3.6                 | 1.1   | -6.4                   | 2.8                 | 43.1  | -4.3                | 1.4                           | 5.8                    | -5.3  | 2.8                                |       |
| Q2   | 0.1                              | 2.1                | -13.3                  | -5.2                | 6.4   | 3.6                    | 1.4                 | -13.1   | 5.6                 | 3.9                           | -0.6                   | 4.7   | 1.4                                |       |
| Q3   | -3.3                             | -6.2               | 0.7                    | 5.5                 | -2.1  | 3.3                    | -3.1                | -9.5  | -5.9                | -1.8                          | -1.7                   | -2.3  | -3.1                               |       |
| Q4   | 0.1                              | -3.5               | -3.5                   | 2.3                 | 1.8   | 7.3                    | 0.1                 | 6.5   | 0.5                 | 1.2                           | -1.5                   | -0.9  | 0.1                                |       |
| 2016 Q1  | -                                | -0.4               | -0.1                   | -9.6                | 2.1   | 8.7                    | 0.7                 | 15.2  | -4.7                | 1.9                           | -                      | 0.8   | 0.7                                |       |
| Q2   | 0.7                              | 10.5               | 13.9                   | 31.9                | 1.1   | -11.2                  | 2.0                 | 6.1   | 2.4                 | 2.4                           | 1.4                    | 0.4   | 2.0                                |       |
| Q3   | 1.3                              | 0.2                | -6.4                   | -19.4               | 2.2   | 2.3                    | 1.1                 | 12.9  | -3.2                | 1.2                           | 1.2                    | -0.4  | 1.1                                |       |
| Q4   | -0.1                             | -2.2               | 2.9                    | 4.7                 | 3.5   | 6.7                    | 0.7                 | -6.7  | -1.5                | 3.4                           | 1.9                    | 0.7   | 0.7                                |       |
| 2017 Q1  | 0.8                              | -6.6               | 2.4                    | -16.3               | 3.6   | 6.0                    | 0.5                 | -5.1  | -3.8                | 3.5                           | 2.7                    | -1.0  | 0.5                                |       |
| Q2   | 0.5                              | 11.6               | 1.4                    | 58.4                | -2.5  | -10.5                  | 1.0                 | 2.1   | 11.7                | -2.1                          | -1.5                   | 0.4   | 1.0                                |       |
| Q3   | 0.5                              | -1.4               | -0.1                   | -30.5               | 2.3   | -4.1                   | 0.3                 | -6.5  | -1.9                | 2.1                           | 0.9                    | 1.8   | 0.3                                |       |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |                                  |                    |                        |                     |   |                        |                     |   |                     |                               |                        |   |                                    |       |
|  | KG7S                             | KH9M               | L64V                   | L64Y                | L656  | L653                   | KG7T                | KH9P  | KH9Q                | KH9K                          | KH9R                   | KH9S  | KG7T                               |       |
| 2014 Q2  | 9.7                              | -0.1               | 16.3                   | 35.4                | 5.0   | 26.9                   | 8.3                 | 76.8  | 24.2                | 6.2                           | 0.4                    | -0.6  | 8.3                                |       |
| Q3   | 3.0                              | 5.1                | 22.5                   | 25.4                | 7.8   | 13.5                   | 5.2                 | 29.7  | 11.9                | 9.5                           | -0.5                   | -1.2  | 5.2                                |       |
| Q4   | 2.8                              | 3.8                | 26.4                   | 14.4                | 5.8   | 2.1                    | 4.1                 | 32.1  | 9.3                 | 8.1                           | -2.5                   | 0.2   | 4.1                                |       |
| 2015 Q1  | 8.0                              | -4.4               | 24.6                   | 10.9                | 3.2   | -2.5                   | 4.8                 | 91.2  | 2.3                 | 5.6                           | 1.0                    | -6.0  | 4.8                                |       |
| Q2   | 4.0                              | 6.6                | -5.9                   | -4.7                | 11.5  | -7.6                   | 4.9                 | 32.2  | -                   | 9.4                           | 3.6                    | -   | 4.9                                |       |
| Q3   | 1.1                              | -4.5               | -7.4                   | 3.0                 | 4.7   | -2.8                   | 0.4                 | 10.2  | -6.5                | 3.2                           | 2.2                    | -1.4  | 0.4                                |       |
| Q4   | 2.0                              | -8.4               | -12.5                  | 6.0                 | 7.2   | 7.5                    | 1.1                 | 19.9  | -4.4                | 4.8                           | 1.9                    | -3.9  | 1.1                                |       |
| 2016 Q1  | -3.1                             | -8.0               | -15.8                  | -7.5                | 8.3   | 24.8                   | -0.9                | -3.4  | -4.9                | 5.3                           | -3.7                   | 2.2   | -0.9                               |       |
| Q2   | -2.6                             | -0.4               | 10.5                   | 28.7                | 2.9   | 7.0                    | -0.4                | 17.8  | -7.7                | 3.8                           | -1.8                   | -2.0  | -0.4                               |       |
| Q3   | 2.1                              | 6.4                | 2.8                    | -1.7                | 7.4   | 6.0                    | 4.0                 | 46.9  | -5.1                | 7.0                           | 1.2                    | -   | 4.0                                |       |
| Q4   | 1.9                              | 7.9                | 9.6                    | 0.6                 | 9.1   | 5.4                    | 4.6                 | 28.7  | -7.0                | 9.2                           | 4.6                    | 1.6   | 4.6                                |       |
| 2017 Q1  | 2.7                              | 1.2                | 12.3                   | -6.9                | 10.8  | 2.7                    | 4.3                 | 6.1   | -6.1                | 11.0                          | 7.5                    | -0.2  | 4.3                                |       |
| Q2   | 2.5                              | 2.2                | -                      | 11.8                | 6.8   | 3.6                    | 3.3                 | 2.1   | 2.4                 | 6.1                           | 4.3                    | -0.3  | 3.3                                |       |
| Q3   | 1.7                              | 0.6                | 6.6                    | -3.5                | 6.9   | -2.9                   | 2.4                 | -15.4   | 3.8                 | 6.9                           | 4.0                    | 1.9   | 2.4                                |       |

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

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

3 Includes new dwellings and improvements to dwellings.

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

# G Changes in inventories Chained volume measures<sup>1</sup>

Reference year 2015, £ million

|   | Manufacturing industries   |                       |                     |                   |             | Electricity,<br>gas and<br>water<br>supply | Distributive trades    |                     |                     | Changes<br>in<br>inventories <sup>3</sup> |
|---|----------------------------|-----------------------|---------------------|-------------------|-------------|--|------------------------|---------------------|---------------------|---|
|   | Mining<br>and<br>quarrying | Materials<br>and fuel | Work in<br>progress | Finished<br>goods | Total       |  | Wholesale <sup>2</sup> | Retail <sup>2</sup> | Other<br>industries |   |
| <b>Level of inventories held at end-December<sup>4</sup> 2015</b> | 2 475                      | 20 693                | 17 824              | 20 062            | 58 579      | 4 019                                      | 39 626                 | 41 006              | 75 514              | 221 219                                   |
| 2013  | FAEA<br>44                 | FBNF<br>796           | FBNG<br>-29         | FBNH<br>-557      | DHBM<br>211 | FAEB<br>-158                               | FAJX<br>161            | FBYN<br>749         | DLWX<br>1 013       | CAFU<br>2 028                             |
| 2014  | 1 046                      | -61                   | 1 146               | 1 442             | 2 527       | -584                                       | 2 166                  | 2 844               | -3 156              | 5 548                                     |
| 2015  | 480                        | 982                   | 207                 | 255               | 1 444       | -437                                       | 1 585                  | 1 708               | 3 032               | 7 812                                     |
| 2016  | -1 890                     | -688                  | 228                 | -2 470            | -2 930      | -425                                       | 249                    | -1 633              | 9 782               | 3 153                                     |
| <b>Seasonally adjusted</b>  |                            |                       |                     |                   |             |  |                        |                     |                     |   |
| 2014 Q2   | 44                         | 7                     | 352                 | 417               | 775         | 145  | 1 179                  | 558                 | -3 143              | -437                                      |
| Q3  | 226                        | 125                   | 264                 | 261               | 651         | 85   | -1 388                 | 344                 | 3 242               | 3 149                                     |
| Q4  | 614                        | -176                  | -161                | 602               | 264         | -921                                       | -3 138                 | 1 004               | 8 866               | 6 987                                     |
| 2015 Q1   | 136                        | 530                   | 244                 | 1 726             | 2 500       | -80  | 1 851                  | 2 002               | 2 846               | 9 385                                     |
| Q2  | -271                       | 760                   | -222                | -520              | 17          | -385                                       | -1 815                 | 431                 | -1 828              | -4 126                                    |
| Q3  | 531                        | -98                   | 251                 | -196              | -45         | -284                                       | 1 323                  | 424                 | -3 300              | -1 205                                    |
| Q4  | 84                         | -210                  | -66                 | -755              | -1 028      | 312  | 226                    | -1 149              | 5 314               | 3 758                                     |
| 2016 Q1   | 116                        | -611                  | 65                  | -151              | -697        | 36   | 137                    | -782                | 3 985               | 2 795                                     |
| Q2  | -1 061                     | -810                  | -305                | -191              | -1 306      | 128  | 163                    | -464                | 1 716               | -824                                      |
| Q3  | -171                       | 1 045                 | -304                | -1 166            | -425        | -466                                       | -725                   | -544                | 3 583               | 1 252                                     |
| Q4  | -774                       | -312                  | 772                 | -962              | -502        | -123                                       | 674                    | 157                 | 498                 | -70                                       |
| 2017 Q1   | 195                        | 1 343                 | 78                  | -408              | 1 013       | 432  | 1 681                  | -1 234              | -1 505              | 582                                       |
| Q2  | 244                        | -305                  | 641                 | -19               | 317         | -619                                       | 421                    | -41                 | -2 184              | -1 862                                    |
| Q3  | -388                       | -62                   | 1 182               | 941               | 2 061       | 1  | -805                   | 566                 | -2 844              | -1 409                                    |

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 (2015) 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 <sup>1</sup> |
|  | BOKG    | IKBB     | IKBH    | BOKH    | IKBC     | IKBI    | BOKI     | IKBD     | IKBJ               |
| 2013   | 302 169 | 217 744  | 519 913 | 421 952 | 133 328  | 555 280 | -119 783 | 84 416   | -35 367            |
| 2014   | 297 306 | 221 619  | 518 925 | 420 428 | 135 328  | 555 756 | -123 122 | 86 291   | -36 831            |
| 2015   | 288 770 | 228 391  | 517 161 | 407 396 | 142 135  | 549 531 | -118 626 | 86 256   | -32 370            |
| 2016   | 302 067 | 252 671  | 554 738 | 437 562 | 157 853  | 595 415 | -135 495 | 94 818   | -40 677            |
| <b>Seasonally adjusted</b>   |         |          |         |         |          |         |          |          |                    |
| 2014 Q2  | 74 832  | 56 686   | 131 518 | 104 176 | 33 284   | 137 460 | -29 344  | 23 402   | -5 942             |
| Q3   | 73 058  | 55 225   | 128 283 | 104 580 | 33 542   | 138 122 | -31 522  | 21 683   | -9 839             |
| Q4   | 74 583  | 57 520   | 132 103 | 108 429 | 33 314   | 141 743 | -33 846  | 24 206   | -9 640             |
| 2015 Q1  | 72 159  | 57 460   | 129 619 | 105 371 | 34 321   | 139 692 | -33 212  | 23 139   | -10 073            |
| Q2   | 74 490  | 56 234   | 130 724 | 101 312 | 35 232   | 136 544 | -26 822  | 21 002   | -5 820             |
| Q3   | 71 012  | 56 255   | 127 267 | 99 802  | 35 691   | 135 493 | -28 790  | 20 564   | -8 226             |
| Q4   | 71 109  | 58 442   | 129 551 | 100 911 | 36 891   | 137 802 | -29 802  | 21 551   | -8 251             |
| 2016 Q1  | 69 916  | 60 042   | 129 958 | 101 935 | 37 781   | 139 716 | -32 019  | 22 261   | -9 758             |
| Q2   | 74 991  | 61 808   | 136 799 | 105 626 | 38 800   | 144 426 | -30 635  | 23 008   | -7 627             |
| Q3   | 74 951  | 63 653   | 138 604 | 114 720 | 40 217   | 154 937 | -39 769  | 23 436   | -16 333            |
| Q4   | 82 209  | 67 168   | 149 377 | 115 281 | 41 055   | 156 336 | -33 072  | 26 113   | -6 959             |
| 2017 Q1  | 83 512  | 68 127   | 151 639 | 117 857 | 42 305   | 160 162 | -34 345  | 25 822   | -8 523             |
| Q2   | 86 114  | 68 769   | 154 883 | 118 441 | 42 590   | 161 031 | -32 327  | 26 179   | -6 148             |
| Q3   | 86 841  | 69 985   | 156 826 | 120 402 | 42 261   | 162 663 | -33 561  | 27 724   | -5 837             |
| <b>Percentage change, latest year on previous year</b>                             |         |          |         |         |          |         |          |          |                    |
|  | KG9K    | KH35     | KH2O    | KG9L    | KH3W     | KH3H    |          |          |                    |
| 2013   | 0.2     | 9.2      | 3.8     | 2.8     | 7.4      | 3.9     |          |          |                    |
| 2014   | -1.6    | 1.8      | -0.2    | -0.4    | 1.5      | 0.1     |          |          |                    |
| 2015   | -2.9    | 3.1      | -0.3    | -3.1    | 5.0      | -1.1    |          |          |                    |
| 2016   | 4.6     | 10.6     | 7.3     | 7.4     | 11.1     | 8.3     |          |          |                    |
| <b>Percentage change, latest quarter on previous quarter</b>                       |         |          |         |         |          |         |          |          |                    |
|  | KG9O    | KH36     | KH2P    | KG9P    | KH3X     | KH3I    |          |          |                    |
| 2014 Q2  | -       | 8.6      | 3.5     | 0.9     | -5.4     | -0.7    |          |          |                    |
| Q3   | -2.4    | -2.6     | -2.5    | 0.4     | 0.8      | 0.5     |          |          |                    |
| Q4   | 2.1     | 4.2      | 3.0     | 3.7     | -0.7     | 2.6     |          |          |                    |
| 2015 Q1  | -3.3    | -0.1     | -1.9    | -2.8    | 3.0      | -1.4    |          |          |                    |
| Q2   | 3.2     | -2.1     | 0.9     | -3.9    | 2.7      | -2.3    |          |          |                    |
| Q3   | -4.7    | -        | -2.6    | -1.5    | 1.3      | -0.8    |          |          |                    |
| Q4   | 0.1     | 3.9      | 1.8     | 1.1     | 3.4      | 1.7     |          |          |                    |
| 2016 Q1  | -1.7    | 2.7      | 0.3     | 1.0     | 2.4      | 1.4     |          |          |                    |
| Q2   | 7.3     | 2.9      | 5.3     | 3.6     | 2.7      | 3.4     |          |          |                    |
| Q3   | -0.1    | 3.0      | 1.3     | 8.6     | 3.7      | 7.3     |          |          |                    |
| Q4   | 9.7     | 5.5      | 7.8     | 0.5     | 2.1      | 0.9     |          |          |                    |
| 2017 Q1  | 1.6     | 1.4      | 1.5     | 2.2     | 3.0      | 2.4     |          |          |                    |
| Q2   | 3.1     | 0.9      | 2.1     | 0.5     | 0.7      | 0.5     |          |          |                    |
| Q3   | 0.8     | 1.8      | 1.3     | 1.7     | -0.8     | 1.0     |          |          |                    |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |         |          |         |         |          |         |          |          |                    |
|  | KG9S    | KH37     | KH2Q    | KG9T    | KH3Y     | KH3J    |          |          |                    |
| 2014 Q2  | -3.8    | 3.5      | -0.8    | -2.0    | -2.5     | -2.1    |          |          |                    |
| Q3   | -4.5    | 1.9      | -1.8    | -1.5    | -0.4     | -1.2    |          |          |                    |
| Q4   | 2.2     | 6.9      | 4.2     | 1.9     | -2.5     | 0.8     |          |          |                    |
| 2015 Q1  | -3.6    | 10.1     | 2.0     | 2.1     | -2.5     | 0.9     |          |          |                    |
| Q2   | -0.5    | -0.8     | -0.6    | -2.7    | 5.9      | -0.7    |          |          |                    |
| Q3   | -2.8    | 1.9      | -0.8    | -4.6    | 6.4      | -1.9    |          |          |                    |
| Q4   | -4.7    | 1.6      | -1.9    | -6.9    | 10.7     | -2.8    |          |          |                    |
| 2016 Q1  | -3.1    | 4.5      | 0.3     | -3.3    | 10.1     | -       |          |          |                    |
| Q2   | 0.7     | 9.9      | 4.6     | 4.3     | 10.1     | 5.8     |          |          |                    |
| Q3   | 5.5     | 13.2     | 8.9     | 14.9    | 12.7     | 14.4    |          |          |                    |
| Q4   | 15.6    | 14.9     | 15.3    | 14.2    | 11.3     | 13.4    |          |          |                    |
| 2017 Q1  | 19.4    | 13.5     | 16.7    | 15.6    | 12.0     | 14.6    |          |          |                    |
| Q2   | 14.8    | 11.3     | 13.2    | 12.1    | 9.8      | 11.5    |          |          |                    |
| Q3   | 15.9    | 9.9      | 13.1    | 5.0     | 5.1      | 5.0     |          |          |                    |

<sup>1</sup> Trade balance is calculated by using exports of goods and services minus imports of goods and services

# H2 Exports and imports of goods and services

## Chained volume measures

Reference year 2015, £ million

|  | Exports |          |         | Imports |          |         | Balance            |
|--|---------|----------|---------|---------|----------|---------|--------------------|
|  | Goods   | Services | Total   | Goods   | Services | Total   | Total <sup>1</sup> |
|  | BQKQ    | IKBE     | IKBK    | BQKO    | IKBF     | IKBL    | IKBM               |
| 2013   | 264 112 | 216 214  | 479 919 | 375 286 | 125 011  | 500 450 | -20 531            |
| 2014   | 272 872 | 219 969  | 492 660 | 391 959 | 130 680  | 522 796 | -30 136            |
| 2015   | 288 770 | 228 391  | 517 161 | 407 396 | 142 135  | 549 531 | -32 370            |
| 2016   | 286 237 | 242 935  | 529 172 | 425 684 | 150 400  | 576 084 | -46 912            |
| <b>Seasonally adjusted</b>   |         |          |         |         |          |         |                    |
| 2014 Q2  | 67 771  | 56 170   | 123 818 | 96 267  | 31 947   | 128 351 | -4 533             |
| Q3   | 67 171  | 55 102   | 122 146 | 97 965  | 32 556   | 130 568 | -8 422             |
| Q4   | 70 689  | 56 888   | 127 463 | 103 271 | 32 334   | 135 583 | -8 120             |
| 2015 Q1  | 70 165  | 57 476   | 127 450 | 103 267 | 33 970   | 137 349 | -9 899             |
| Q2   | 73 304  | 56 722   | 129 988 | 99 613  | 35 693   | 135 244 | -5 256             |
| Q3   | 72 077  | 56 566   | 128 669 | 100 835 | 35 517   | 136 303 | -7 634             |
| Q4   | 73 224  | 57 627   | 131 054 | 103 681 | 36 955   | 140 635 | -9 581             |
| 2016 Q1 <sup>2</sup>   | 70 446  | 58 620   | 129 066 | 103 159 | 37 801   | 140 960 | -11 894            |
| Q2 <sup>2</sup>  | 72 763  | 59 935   | 132 698 | 104 574 | 37 815   | 142 389 | -9 691             |
| Q3 <sup>2</sup>  | 69 168  | 61 137   | 130 305 | 109 814 | 37 275   | 147 089 | -16 784            |
| Q4 <sup>2</sup>  | 73 860  | 63 243   | 137 103 | 108 137 | 37 509   | 145 646 | -8 543             |
| 2017 Q1  | 75 041  | 62 596   | 137 637 | 109 174 | 37 952   | 147 126 | -9 489             |
| Q2   | 77 850  | 62 208   | 140 058 | 109 713 | 38 018   | 147 731 | -7 673             |
| Q3   | 77 967  | 63 216   | 141 183 | 111 223 | 37 793   | 149 016 | -7 833             |
| <b>Percentage change, latest year on previous year</b>                             |         |          |         |         |          |         |                    |
|  | KG9X    | KH3B     | KH2U    | KG9W    | KH44     | KH3N    |                    |
| 2013   | -1.0    | 3.7      | 0.8     | 2.7     | 4.8      | 3.1     |                    |
| 2014   | 3.3     | 1.7      | 2.7     | 4.4     | 4.5      | 4.5     |                    |
| 2015   | 5.8     | 3.8      | 5.0     | 3.9     | 8.8      | 5.1     |                    |
| 2016   | -0.9    | 6.4      | 2.3     | 4.5     | 5.8      | 4.8     |                    |
| <b>Percentage change, latest quarter on previous quarter</b>                       |         |          |         |         |          |         |                    |
|  | KGA2    | KH3C     | KH2V    | KG9Z    | KH45     | KH3O    |                    |
| 2014 Q2  | 0.8     | 8.4      | 3.8     | 1.9     | -5.6     | -       |                    |
| Q3   | -0.9    | -1.9     | -1.4    | 1.8     | 1.9      | 1.7     |                    |
| Q4   | 5.2     | 3.2      | 4.4     | 5.4     | -0.7     | 3.8     |                    |
| 2015 Q1  | -0.7    | 1.0      | -       | -       | 5.1      | 1.3     |                    |
| Q2   | 4.5     | -1.3     | 2.0     | -3.5    | 5.1      | -1.5    |                    |
| Q3   | -1.7    | -0.3     | -1.0    | 1.2     | -0.5     | 0.8     |                    |
| Q4   | 1.6     | 1.9      | 1.9     | 2.8     | 4.0      | 3.2     |                    |
| 2016 Q1  | -3.8    | 1.7      | -1.5    | -0.5    | 2.3      | 0.2     |                    |
| Q2   | 3.3     | 2.2      | 2.8     | 1.4     | -        | 1.0     |                    |
| Q3   | -4.9    | 2.0      | -1.8    | 5.0     | -1.4     | 3.3     |                    |
| Q4   | 6.8     | 3.4      | 5.2     | -1.5    | 0.6      | -1.0    |                    |
| 2017 Q1  | 1.6     | -1.0     | 0.4     | 1.0     | 1.2      | 1.0     |                    |
| Q2   | 3.7     | -0.6     | 1.8     | 0.5     | 0.2      | 0.4     |                    |
| Q3   | 0.2     | 1.6      | 0.8     | 1.4     | -0.6     | 0.9     |                    |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |         |          |         |         |          |         |                    |
|  | KGA5    | KH3D     | KH2W    | KGA4    | KH46     | KH3P    |                    |
| 2014 Q2  | -0.2    | 2.5      | 0.9     | 2.3     | 0.2      | 1.9     |                    |
| Q3   | 1.3     | 3.2      | 2.0     | 3.7     | 3.1      | 3.5     |                    |
| Q4   | 8.9     | 6.1      | 7.7     | 6.8     | 0.3      | 5.1     |                    |
| 2015 Q1  | 4.3     | 10.9     | 6.9     | 9.3     | 0.4      | 7.1     |                    |
| Q2   | 8.2     | 1.0      | 5.0     | 3.5     | 11.7     | 5.4     |                    |
| Q3   | 7.3     | 2.7      | 5.3     | 2.9     | 9.1      | 4.4     |                    |
| Q4   | 3.6     | 1.3      | 2.8     | 0.4     | 14.3     | 3.7     |                    |
| 2016 Q1  | 0.4     | 2.0      | 1.3     | -0.1    | 11.3     | 2.6     |                    |
| Q2   | -0.7    | 5.7      | 2.1     | 5.0     | 5.9      | 5.3     |                    |
| Q3   | -4.0    | 8.1      | 1.3     | 8.9     | 4.9      | 7.9     |                    |
| Q4   | 0.9     | 9.7      | 4.6     | 4.3     | 1.5      | 3.6     |                    |
| 2017 Q1  | 6.5     | 6.8      | 6.6     | 5.8     | 0.4      | 4.4     |                    |
| Q2   | 7.0     | 3.8      | 5.5     | 4.9     | 0.5      | 3.8     |                    |
| Q3   | 12.7    | 3.4      | 8.3     | 1.3     | 1.4      | 1.3     |                    |

<sup>1</sup> 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 (2015 = 100) <sup>3</sup> |                       |                            |                                    |                       |
|--|---|----------------------------|-----------------------|-----------------------------|---|-----------------------|----------------------------|------------------------------------|-----------------------|
|  | 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 <sup>1</sup> | Expenditure-based estimate              | Income-based estimate | Expenditure-based estimate | Income-based estimate <sup>2</sup> | Output-based estimate |
|  | CAGR  | CAGQ                       | CAGS                  | DJDS                        | IHYA                                    | IHYB                  | IHYC                       | IHYD                               | YBFR                  |
| 2013   | 1 588 004   | 1 564 430                  | 1 564 430             | –                           | 92.8                                    | 92.8                  | 94.2                       | 94.2                               | 94.2                  |
| 2014   | 1 644 002   | 1 638 722                  | 1 638 722             | –                           | 97.3                                    | 97.3                  | 97.6                       | 97.6                               | 97.6                  |
| 2015   | 1 684 937   | 1 684 937                  | 1 684 937             | –                           | 100.0                                   | 100.0                 | 100.0                      | 100.0                              | 100.0                 |
| 2016   | 1 705 132   | 1 741 023                  | 1 747 195             | –6 172                      | 103.3                                   | 103.7                 | 101.2                      | 101.6                              | 102.4                 |
| <b>Seasonally adjusted</b>   |   |                            |                       |                             |   |                       |                            |                                    |                       |
| 2014 Q2  | 409 007   | 409 271                    | 409 271               | –                           | 97.2                                    | 97.2                  | 97.1                       | 97.1                               | 97.1                  |
| Q3   | 412 967   | 413 976                    | 413 976               | –                           | 98.3                                    | 98.3                  | 98.0                       | 98.0                               | 98.0                  |
| Q4   | 417 178   | 413 368                    | 413 368               | –                           | 98.1                                    | 98.1                  | 99.0                       | 99.0                               | 99.0                  |
| 2015 Q1  | 418 359   | 416 592                    | 416 592               | –                           | 98.9                                    | 98.9                  | 99.3                       | 99.3                               | 99.3                  |
| Q2   | 420 702   | 422 710                    | 422 710               | –                           | 100.4                                   | 100.4                 | 99.9                       | 99.9                               | 99.9                  |
| Q3   | 421 478   | 422 126                    | 422 126               | –                           | 100.2                                   | 100.2                 | 100.1                      | 100.1                              | 100.1                 |
| Q4   | 424 398   | 423 509                    | 423 509               | –                           | 100.5                                   | 100.5                 | 100.8                      | 100.7                              | 100.7                 |
| 2016 Q1  | 423 460   | 427 892                    | 429 186               | –1 294                      | 101.6                                   | 101.9                 | 100.5                      | 100.8                              | 101.4                 |
| Q2   | 424 739   | 432 670                    | 434 425               | –1 755                      | 102.7                                   | 103.1                 | 100.8                      | 101.2                              | 102.0                 |
| Q3   | 426 756   | 437 707                    | 439 498               | –1 791                      | 103.9                                   | 104.3                 | 101.3                      | 101.7                              | 102.7                 |
| Q4   | 430 177   | 442 754                    | 444 086               | –1 332                      | 105.1                                   | 105.4                 | 102.1                      | 102.4                              | 103.4                 |
| 2017 Q1  | 432 060   | 447 323                    | 447 734               | –411                        | 106.2                                   | 106.3                 | 102.6                      | 102.7                              | 103.7                 |
| Q2   | 433 663   | 450 774                    | 450 691               | 83                          | 107.0                                   | 107.0                 | 103.0                      | 102.9                              | 104.0                 |
| Q3   | 435 140   | 452 741                    | 452 686               | 55                          | 107.5                                   | 107.5                 | 103.3                      | 103.3                              | 104.5                 |
| <b>Percentage change, latest year on previous year</b>                             |   |                            |                       |                             |   |                       |                            |                                    |                       |
|  | KH4D  | KH47                       | KH68                  |                             | KH47                                    | KH68                  | KH4D                       | KH6E                               | GDPQ                  |
| 2013   | 1.5   | 3.9                        | 3.9                   |                             | 3.9                                     | 3.9                   | 1.5                        | 1.5                                | 1.5                   |
| 2014   | 3.5   | 4.7                        | 4.7                   |                             | 4.7                                     | 4.7                   | 3.5                        | 3.5                                | 3.5                   |
| 2015   | 2.5   | 2.8                        | 2.8                   |                             | 2.8                                     | 2.8                   | 2.5                        | 2.5                                | 2.5                   |
| 2016   | 1.2   | 3.3                        | 3.7                   |                             | 3.3                                     | 3.7                   | 1.2                        | 1.6                                | 2.4                   |
| <b>Percentage change, latest quarter on previous quarter</b>                       |   |                            |                       |                             |   |                       |                            |                                    |                       |
|  | KH4F  | KH49                       | KH6A                  |                             | KH49                                    | KH6A                  | KH4F                       | KH6G                               |                       |
| 2014 Q2  | 1.0   | 1.8                        | 1.8                   |                             | 1.8                                     | 1.8                   | 1.0                        | 1.0                                | 1.0                   |
| Q3   | 1.0   | 1.1                        | 1.1                   |                             | 1.1                                     | 1.1                   | 1.0                        | 1.0                                | 1.0                   |
| Q4   | 1.0   | –0.1                       | –0.1                  |                             | –0.1                                    | –0.1                  | 1.0                        | 1.0                                | 1.0                   |
| 2015 Q1  | 0.3   | 0.8                        | 0.8                   |                             | 0.8                                     | 0.8                   | 0.3                        | 0.3                                | 0.3                   |
| Q2   | 0.6   | 1.5                        | 1.5                   |                             | 1.5                                     | 1.5                   | 0.6                        | 0.6                                | 0.6                   |
| Q3   | 0.2   | –0.1                       | –0.1                  |                             | –0.1                                    | –0.1                  | 0.2                        | 0.2                                | 0.2                   |
| Q4   | 0.7   | 0.3                        | 0.3                   |                             | 0.3                                     | 0.3                   | 0.7                        | 0.7                                | 0.7                   |
| 2016 Q1  | –0.2  | 1.0                        | 1.3                   |                             | 1.0                                     | 1.3                   | –0.2                       | 0.1                                | 0.6                   |
| Q2   | 0.3   | 1.1                        | 1.2                   |                             | 1.1                                     | 1.2                   | 0.3                        | 0.4                                | 0.7                   |
| Q3   | 0.5   | 1.2                        | 1.2                   |                             | 1.2                                     | 1.2                   | 0.5                        | 0.5                                | 0.6                   |
| Q4   | 0.8   | 1.2                        | 1.0                   |                             | 1.2                                     | 1.0                   | 0.8                        | 0.7                                | 0.8                   |
| 2017 Q1  | 0.4   | 1.0                        | 0.8                   |                             | 1.0                                     | 0.8                   | 0.4                        | 0.2                                | 0.2                   |
| Q2   | 0.4   | 0.8                        | 0.7                   |                             | 0.8                                     | 0.7                   | 0.4                        | 0.3                                | 0.3                   |
| Q3   | 0.3   | 0.4                        | 0.4                   |                             | 0.4                                     | 0.4                   | 0.3                        | 0.3                                | 0.4                   |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |   |                            |                       |                             |   |                       |                            |                                    |                       |
|  | KH4H  | KH4B                       | KH6C                  |                             | KH4B                                    | KH6C                  | KH4H                       | KH6I                               | GDPR                  |
| 2014 Q2  | 3.5   | 5.5                        | 5.5                   |                             | 5.5                                     | 5.5                   | 3.5                        | 3.5                                | 3.5                   |
| Q3   | 3.7   | 5.1                        | 5.1                   |                             | 5.1                                     | 5.1                   | 3.7                        | 3.7                                | 3.7                   |
| Q4   | 4.2   | 4.3                        | 4.3                   |                             | 4.3                                     | 4.3                   | 4.2                        | 4.2                                | 4.2                   |
| 2015 Q1  | 3.3   | 3.6                        | 3.6                   |                             | 3.6                                     | 3.6                   | 3.3                        | 3.3                                | 3.3                   |
| Q2   | 2.9   | 3.3                        | 3.3                   |                             | 3.3                                     | 3.3                   | 2.9                        | 2.9                                | 2.9                   |
| Q3   | 2.1   | 2.0                        | 2.0                   |                             | 2.0                                     | 2.0                   | 2.1                        | 2.1                                | 2.1                   |
| Q4   | 1.7   | 2.5                        | 2.5                   |                             | 2.5                                     | 2.5                   | 1.7                        | 1.7                                | 1.7                   |
| 2016 Q1  | 1.2   | 2.7                        | 3.0                   |                             | 2.7                                     | 3.0                   | 1.2                        | 1.5                                | 2.1                   |
| Q2   | 1.0   | 2.4                        | 2.8                   |                             | 2.4                                     | 2.8                   | 1.0                        | 1.4                                | 2.2                   |
| Q3   | 1.3   | 3.7                        | 4.1                   |                             | 3.7                                     | 4.1                   | 1.3                        | 1.7                                | 2.6                   |
| Q4   | 1.4   | 4.5                        | 4.9                   |                             | 4.5                                     | 4.9                   | 1.4                        | 1.7                                | 2.7                   |
| 2017 Q1  | 2.0   | 4.5                        | 4.3                   |                             | 4.5                                     | 4.3                   | 2.0                        | 1.8                                | 2.3                   |
| Q2   | 2.1   | 4.2                        | 3.7                   |                             | 4.2                                     | 3.7                   | 2.1                        | 1.7                                | 1.9                   |
| Q3   | 2.0   | 3.4                        | 3.0                   |                             | 3.4                                     | 3.0                   | 2.0                        | 1.5                                | 1.7                   |

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

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

# M Alignment adjustments

£ million

|                            | Changes in inventories |  | Gross operating surplus of<br>non-financial corporations<br>at current prices |
|----------------------------|------------------------|--|---|
|                            | At current prices      | Chained volume measures (Reference year<br>2015) |   |
| <b>Seasonally adjusted</b> |                        |  |   |
| 2014 Q2                    | DMUN<br>-934           | DMUM<br>-933                                     | DMUQ<br>-509  |
| Q3                         | 970                    | 972  | 962   |
| Q4                         | 1 844                  | 1 857  | -354  |
| 2015 Q1                    | 1 461                  | 1 465  | -751  |
| Q2                         | -955                   | -954   | 1 933   |
| Q3                         | -1 386                 | -1 389   | 801   |
| Q4                         | 880                    | 878  | -1 983  |
| 2016 Q1                    | 885                    | 874  | 1 988   |
| Q2                         | -2 000                 | -1 967   | -2 002  |
| Q3                         | 1 647                  | 1 610  | -1 746  |
| Q4                         | -532                   | -517   | 1 760   |
| 2017 Q1                    | -24                    | -23  | 823   |
| Q2                         | -2 157                 | -2 080   | -1 407  |
| Q3                         | -1 283                 | -1 234   | 451   |

# N Selected financial year variables 1,2

£ millions except deflator index which is 2016/17 = 100

|  | Current prices                          |   |                                   |  |  | Chained Volume Measures (reference year 2015) |                                   |  |  |  |
|--|---|---|-----------------------------------|--|--|---|-----------------------------------|--|--|--|
|  | Gross domestic product at market prices | Gross domestic product at market prices non seasonally adjusted | Gross value added at basic prices | General government final consumption expenditure | General government gross fixed capital formation | Gross domestic product at market prices       | Gross value added at basic prices | General government final consumption expenditure | General government gross fixed capital formation | Implied GDP deflator at market prices <sup>3 4</sup> |
|  | YBHA                                    | BKTL  | ABML                              | NMRP   | RPZG   | ABMI  | ABMM                              | NMRY   | DLWF   | L8GG   |
| 2013/14  | 1 771 886                               | 1 773 683   | 1 580 231                         | 351 727  | 48 570   | 1 803 153                                     | 1 598 610                         | 353 242  | 50 652   | 95.8152  |
| 2014/15  | 1 852 098                               | 1 849 131   | 1 653 207                         | 359 590  | 50 763   | 1 857 956                                     | 1 657 511                         | 360 701  | 51 147   | 97.2041  |
| 2015/16  | 1 904 634                               | 1 902 281   | 1 697 851                         | 363 855  | 49 183   | 1 897 832                                     | 1 691 636                         | 363 492  | 49 252   | 97.8596  |
| 2016/17  | 1 984 693                               | 1 984 501   | 1 769 413                         | 371 325  | 52 071   | 1 935 211                                     | 1 722 473                         | 365 035  | 51 074   | 100.0000   |
| <b>Seasonally adjusted</b>   |   |   |                                   |  |  |   |                                   |  |  |  |
| 2014 Q2  | 458 923                                 | 453 481   | 409 271                           | 89 194   | 12 017   | 459 702                                       | 409 007                           | 90 168   | 12 341   | 97.3451  |
| Q3   | 463 142                                 | 458 640   | 413 976                           | 90 695   | 12 719   | 463 201                                       | 412 967                           | 90 476   | 12 921   | 97.4979  |
| Q4   | 463 704                                 | 468 248   | 413 368                           | 89 828   | 12 984   | 466 727                                       | 417 178                           | 90 046   | 12 998   | 96.8788  |
| 2015 Q1  | 466 329                                 | 468 762   | 416 592                           | 89 873   | 13 043   | 468 326                                       | 418 359                           | 90 011   | 12 887   | 97.0946  |
| Q2   | 473 601                                 | 467 433   | 422 710                           | 90 743   | 12 928   | 471 018                                       | 420 702                           | 90 592   | 13 159   | 98.0451  |
| Q3   | 473 571                                 | 470 754   | 422 126                           | 91 264   | 12 342   | 472 980                                       | 421 478                           | 90 892   | 12 339   | 97.6322  |
| Q4   | 475 236                                 | 481 788   | 423 509                           | 90 182   | 11 975   | 476 413                                       | 424 398                           | 90 567   | 11 902   | 97.2695  |
| 2016 Q1  | 482 226                                 | 482 306   | 429 506                           | 91 666   | 11 938   | 477 421                                       | 425 058                           | 91 441   | 11 852   | 98.4918  |
| Q2   | 487 939                                 | 484 790   | 434 961                           | 92 300   | 13 142   | 479 693                                       | 426 991                           | 91 209   | 13 102   | 99.1866  |
| Q3   | 493 386                                 | 491 428   | 440 259                           | 92 608   | 13 311   | 482 288                                       | 429 251                           | 91 224   | 13 129   | 99.7542  |
| Q4   | 499 760                                 | 504 787   | 445 100                           | 93 086   | 13 281   | 485 897                                       | 432 458                           | 91 238   | 12 844   | 100.2924   |
| 2017 Q1  | 503 608                                 | 503 496   | 449 093                           | 93 331   | 12 337   | 487 333                                       | 433 773                           | 91 364   | 11 999   | 100.7668   |
| Q2   | 506 920                                 | 503 797   | 452 266                           | 93 881   | 13 233   | 488 817                                       | 435 102                           | 91 717   | 13 393   | 101.1216   |
| Q3   | 510 296                                 | 505 100   | 454 413                           | 93 281   | 13 278   | 490 704                                       | 436 748                           | 91 509   | 13 204   | 101.4036   |
| <b>Percentage change, latest financial year on previous financial year</b>         |   |   |                                   |  |  |   |                                   |  |  |  |
| 2013/14  | 4.1                                     | 4.3   | 3.9                               | 2.3  | 8.8  | 2.4   | 1.8                               | 1.3  | 7.3  | 1.7  |
| 2014/15  | 4.5                                     | 4.3   | 4.6                               | 2.2  | 4.5  | 3.0   | 3.7                               | 2.1  | 1.0  | 1.4  |
| 2015/16  | 2.8                                     | 2.9   | 2.7                               | 1.2  | -3.1   | 2.1   | 2.1                               | 0.8  | -3.7   | 0.7  |
| 2016/17  | 4.2                                     | 4.3   | 4.2                               | 2.1  | 5.9  | 2.0   | 1.8                               | 0.4  | 3.7  | 2.2  |
| <b>Percentage change, latest quarter on previous quarter</b>                       |   |   |                                   |  |  |   |                                   |  |  |  |
|  | IHYN                                    | A8L9  | KGL8                              | KH2D   | KH7P   | IHYQ  | KGM9                              | KH2J   | KH9C   | L8GH   |
| 2014 Q2  | 1.7                                     | -0.7  | 1.8                               | -0.1   | -9.2   | 0.9   | 1.0                               | 1.1  | -8.5   | 0.8  |
| Q3   | 0.9                                     | 1.1   | 1.1                               | 1.7  | 5.8  | 0.8   | 1.0                               | 0.3  | 4.7  | 0.2  |
| Q4   | 0.1                                     | 2.1   | -0.1                              | -1.0   | 2.1  | 0.8   | 1.0                               | -0.5   | 0.6  | -0.6   |
| 2015 Q1  | 0.6                                     | 0.1   | 0.8                               | 0.1  | 0.5  | 0.3   | 0.3                               | -  | -0.9   | 0.2  |
| Q2   | 1.6                                     | -0.3  | 1.5                               | 1.0  | -0.9   | 0.6   | 0.6                               | 0.6  | 2.1  | 1.0  |
| Q3   | -                                       | 0.7   | -0.1                              | 0.6  | -4.5   | 0.4   | 0.2                               | 0.3  | -6.2   | -0.4   |
| Q4   | 0.4                                     | 2.3   | 0.3                               | -1.2   | -3.0   | 0.7   | 0.7                               | -0.4   | -3.5   | -0.4   |
| 2016 Q1  | 1.5                                     | 0.1   | 1.4                               | 1.6  | -0.3   | 0.2   | 0.2                               | 1.0  | -0.4   | 1.3  |
| Q2   | 1.2                                     | 0.5   | 1.3                               | 0.7  | 10.1   | 0.5   | 0.5                               | -0.3   | 10.5   | 0.7  |
| Q3   | 1.1                                     | 1.4   | 1.2                               | 0.3  | 1.3  | 0.5   | 0.5                               | -  | 0.2  | 0.6  |
| Q4   | 1.3                                     | 2.7   | 1.1                               | 0.5  | -0.2   | 0.7   | 0.7                               | -  | -2.2   | 0.5  |
| 2017 Q1  | 0.8                                     | -0.3  | 0.9                               | 0.3  | -7.1   | 0.3   | 0.3                               | 0.1  | -6.6   | 0.5  |
| Q2   | 0.7                                     | 0.1   | 0.7                               | 0.6  | 7.3  | 0.3   | 0.3                               | 0.4  | 11.6   | 0.4  |
| Q3   | 0.7                                     | 0.3   | 0.5                               | -0.6   | 0.3  | 0.4   | 0.4                               | -0.2   | -1.4   | 0.3  |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |   |   |                                   |  |  |   |                                   |  |  |  |
|  | IHYO                                    | A8LA  | KGM2                              | KH2E   | KH7R   | IHYR  | KGN3                              | KH2K   | KH9M   | L8GI   |
| 2014 Q2  | 5.7                                     | 5.9   | 5.5                               | 1.7  | 5.5  | 3.1   | 3.5                               | 2.9  | -0.1   | 2.5  |
| Q3   | 4.9                                     | 4.7   | 5.1                               | 5.1  | 7.9  | 3.0   | 3.7                               | 3.0  | 5.1  | 1.8  |
| Q4   | 4.3                                     | 3.9   | 4.3                               | 1.6  | 6.8  | 3.3   | 4.2                               | 1.7  | 3.8  | 1.0  |
| 2015 Q1  | 3.3                                     | 2.6   | 3.6                               | 0.6  | -1.4   | 2.7   | 3.3                               | 0.9  | -4.4   | 0.6  |
| Q2   | 3.2                                     | 3.1   | 3.3                               | 1.7  | 7.6  | 2.5   | 2.9                               | 0.5  | 6.6  | 0.7  |
| Q3   | 2.3                                     | 2.6   | 2.0                               | 0.6  | -3.0   | 2.1   | 2.1                               | 0.5  | -4.5   | 0.1  |
| Q4   | 2.5                                     | 2.9   | 2.5                               | 0.4  | -7.8   | 2.1   | 1.7                               | 0.6  | -8.4   | 0.4  |
| 2016 Q1  | 3.4                                     | 2.9   | 3.1                               | 2.0  | -8.5   | 1.9   | 1.6                               | 1.6  | -8.0   | 1.4  |
| Q2   | 3.0                                     | 3.7   | 2.9                               | 1.7  | 1.7  | 1.8   | 1.5                               | 0.7  | -0.4   | 1.2  |
| Q3   | 4.2                                     | 4.4   | 4.3                               | 1.5  | 7.9  | 2.0   | 1.8                               | 0.4  | 6.4  | 2.2  |
| Q4   | 5.2                                     | 4.8   | 5.1                               | 3.2  | 10.9   | 2.0   | 1.9                               | 0.7  | 7.9  | 3.1  |
| 2017 Q1  | 4.4                                     | 4.4   | 4.6                               | 1.8  | 3.3  | 2.1   | 2.1                               | -0.1   | 1.2  | 2.3  |
| Q2   | 3.9                                     | 3.9   | 4.0                               | 1.7  | 0.7  | 1.9   | 1.9                               | 0.6  | 2.2  | 2.0  |
| Q3   | 3.4                                     | 2.8   | 3.2                               | 0.7  | -0.2   | 1.7   | 1.7                               | 0.3  | 0.6  | 1.7  |

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 2016/2017 = 100 for presentational purposes, whereas in table A1 it is expressed as 2015 = 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 deflators<sup>1</sup>

2016 = 100

|  | Implied deflators <sup>2</sup> |  |                                   |
|--|--------------------------------|--|-----------------------------------|
|  | Gross national expenditure     | Gross domestic product at market prices <sup>3</sup> | Gross value added at basic prices |
|  | MNE2                           | MNF2   | MNX5                              |
| 2013   | 97.2143                        | 95.9733  | 96.4864                           |
| 2014   | 98.3437                        | 97.6215  | 97.6291                           |
| 2015   | 98.4233                        | 98.0681  | 97.9428                           |
| 2016   | 100.0000                       | 100.0000   | 100.0000                          |
| <b>Seasonally adjusted</b>   |                                |  |                                   |
| 2014 Q2  | 98.6310                        | 97.9020  | 98.0062                           |
| Q3   | 98.7008                        | 98.0556  | 98.1823                           |
| Q4   | 98.1028                        | 97.4330  | 97.0485                           |
| 2015 Q1  | 98.0283                        | 97.6500  | 97.5293                           |
| Q2   | 99.1168                        | 98.6059  | 98.4105                           |
| Q3   | 98.6730                        | 98.1907  | 98.0936                           |
| Q4   | 97.8750                        | 97.8259  | 97.7378                           |
| 2016 Q1  | 98.9559                        | 99.0551  | 98.9679                           |
| Q2   | 99.6617                        | 99.7540  | 99.7712                           |
| Q3   | 100.5194                       | 100.3248   | 100.4547                          |
| Q4   | 100.8630                       | 100.8661   | 100.8062                          |
| 2017 Q1  | 101.4524                       | 101.3432   | 101.4022                          |
| Q2   | 101.7058                       | 101.7000   | 101.8067                          |
| Q3   | 101.8929                       | 101.9836   | 101.9045                          |
| <b>Percentage change, latest year on previous year</b>                             |                                |  |                                   |
|  | MNE3                           | MNF3   | MNX6                              |
| 2013   | 1.3                            | 1.9  | 2.4                               |
| 2014   | 1.2                            | 1.7  | 1.2                               |
| 2015   | 0.1                            | 0.5  | 0.3                               |
| 2016   | 1.6                            | 2.0  | 2.1                               |
| <b>Percentage change, latest quarter on previous quarter</b>                       |                                |  |                                   |
|  | MNE4                           | MNF4   | MNX7                              |
| 2014 Q2  | 0.7                            | 0.8  | 0.7                               |
| Q3   | 0.1                            | 0.2  | 0.2                               |
| Q4   | -0.6                           | -0.6   | -1.2                              |
| 2015 Q1  | -0.1                           | 0.2  | 0.5                               |
| Q2   | 1.1                            | 1.0  | 0.9                               |
| Q3   | -0.4                           | -0.4   | -0.3                              |
| Q4   | -0.8                           | -0.4   | -0.4                              |
| 2016 Q1  | 1.1                            | 1.3  | 1.3                               |
| Q2   | 0.7                            | 0.7  | 0.8                               |
| Q3   | 0.9                            | 0.6  | 0.7                               |
| Q4   | 0.3                            | 0.5  | 0.3                               |
| 2017 Q1  | 0.6                            | 0.5  | 0.6                               |
| Q2   | 0.2                            | 0.4  | 0.4                               |
| Q3   | 0.2                            | 0.3  | 0.1                               |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |                                |  |                                   |
|  | MNE5                           | MNF5   | MNX8                              |
| 2014 Q2  | 1.7                            | 2.5  | 2.0                               |
| Q3   | 1.4                            | 1.8  | 1.3                               |
| Q4   | 0.7                            | 1.0  | 0.1                               |
| 2015 Q1  | 0.1                            | 0.6  | 0.3                               |
| Q2   | 0.5                            | 0.7  | 0.4                               |
| Q3   | -                              | 0.1  | -0.1                              |
| Q4   | -0.2                           | 0.4  | 0.7                               |
| 2016 Q1  | 0.9                            | 1.4  | 1.5                               |
| Q2   | 0.5                            | 1.2  | 1.4                               |
| Q3   | 1.9                            | 2.2  | 2.4                               |
| Q4   | 3.1                            | 3.1  | 3.1                               |
| 2017 Q1  | 2.5                            | 2.3  | 2.5                               |
| Q2   | 2.1                            | 2.0  | 2.0                               |
| Q3   | 1.4                            | 1.7  | 1.4                               |

1 Implied deflator is expressed in terms of 2016 = 100, whereas in table A1 it is expressed as 2015 = 100.

2 Data are only considered accurate to 1 decimal place.

3 Implied deflator is displayed with 4 decimal places to replace a GDP deflator in index form series previously calculated by HM Treasury.



# P GDP Per Head<sup>1</sup>

£

|  | UK resident population mid-year estimates (persons thousands) <sup>2</sup> | Current Prices                                       |                                 | Chained volume measures (Reference year 2015)        |                                 |
|--|--|--|---------------------------------|--|---------------------------------|
|  |  | Gross domestic product at market prices <sup>3</sup> | Gross domestic product per head | Gross domestic product at market prices <sup>3</sup> | Gross domestic product per head |
|  | EBAQ   | YBHA   | IHXT                            | ABMI   | IHXW                            |
| 2013   | 64 106   | 1 752 554  | 27 310                          | 1 790 750  | 27 934                          |
| 2014   | 64 597   | 1 837 062  | 28 410                          | 1 845 444  | 28 569                          |
| 2015   | 65 110   | 1 888 737  | 28 983                          | 1 888 737  | 29 008                          |
| 2016   | 65 648   | 1 963 311  | 29 907                          | 1 925 299  | 29 328                          |
| <b>Seasonally adjusted</b>   |  |  |                                 |  |                                 |
| 2014 Q2  | 64 597   | 458 923  | 7 104                           | 459 702  | 7 116                           |
| Q3   | 64 725   | 463 142  | 7 156                           | 463 201  | 7 156                           |
| Q4   | 64 854   | 463 704  | 7 150                           | 466 727  | 7 197                           |
| 2015 Q1  | 64 982   | 466 329  | 7 176                           | 468 326  | 7 207                           |
| Q2   | 65 110   | 473 601  | 7 274                           | 471 018  | 7 234                           |
| Q3   | 65 226   | 473 571  | 7 260                           | 472 980  | 7 251                           |
| Q4   | 65 341   | 475 236  | 7 273                           | 476 413  | 7 291                           |
| 2016 Q1  | 65 514   | 482 226  | 7 361                           | 477 421  | 7 287                           |
| Q2   | 65 648   | 487 939  | 7 433                           | 479 693  | 7 307                           |
| Q3   | 65 749   | 493 386  | 7 504                           | 482 288  | 7 335                           |
| Q4   | 65 850   | 499 760  | 7 589                           | 485 897  | 7 379                           |
| 2017 Q1  | 65 951   | 503 608  | 7 636                           | 487 333  | 7 389                           |
| Q2   | 66 051   | 506 920  | 7 675                           | 488 817  | 7 401                           |
| Q3   | 66 155   | 510 296  | 7 714                           | 490 704  | 7 417                           |
| <b>Percentage change, latest year on previous year</b>                             |  |  |                                 |  |                                 |
|  |  | IHYM   | N3Y3                            | IHYP   | N3Y6                            |
| 2013   |  | 4.0  | 3.3                             | 2.1  | 1.4                             |
| 2014   |  | 4.8  | 4.0                             | 3.1  | 2.3                             |
| 2015   |  | 2.8  | 2.0                             | 2.3  | 1.5                             |
| 2016   |  | 3.9  | 3.2                             | 1.9  | 1.1                             |
| <b>Percentage change, latest quarter on previous quarter</b>                       |  |  |                                 |  |                                 |
|  |  | IHYN   | N3Y4                            | IHYQ   | N3Y7                            |
| 2014 Q2  |  | 1.7  | 1.5                             | 0.9  | 0.7                             |
| Q3   |  | 0.9  | 0.7                             | 0.8  | 0.6                             |
| Q4   |  | 0.1  | -0.1                            | 0.8  | 0.6                             |
| 2015 Q1  |  | 0.6  | 0.4                             | 0.3  | 0.1                             |
| Q2   |  | 1.6  | 1.4                             | 0.6  | 0.4                             |
| Q3   |  | -  | -0.2                            | 0.4  | 0.2                             |
| Q4   |  | 0.4  | 0.2                             | 0.7  | 0.6                             |
| 2016 Q1  |  | 1.5  | 1.2                             | 0.2  | -0.1                            |
| Q2   |  | 1.2  | 1.0                             | 0.5  | 0.3                             |
| Q3   |  | 1.1  | 1.0                             | 0.5  | 0.4                             |
| Q4   |  | 1.3  | 1.1                             | 0.7  | 0.6                             |
| 2017 Q1  |  | 0.8  | 0.6                             | 0.3  | 0.1                             |
| Q2   |  | 0.7  | 0.5                             | 0.3  | 0.2                             |
| Q3   |  | 0.7  | 0.5                             | 0.4  | 0.2                             |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |  |  |                                 |  |                                 |
|  |  | IHYO   | N3Y5                            | IHYR   | N3Y8                            |
| 2014 Q2  |  | 5.7  | 4.8                             | 3.1  | 2.3                             |
| Q3   |  | 4.9  | 4.1                             | 3.0  | 2.2                             |
| Q4   |  | 4.3  | 3.5                             | 3.3  | 2.5                             |
| 2015 Q1  |  | 3.3  | 2.5                             | 2.7  | 1.9                             |
| Q2   |  | 3.2  | 2.4                             | 2.5  | 1.7                             |
| Q3   |  | 2.3  | 1.5                             | 2.1  | 1.3                             |
| Q4   |  | 2.5  | 1.7                             | 2.1  | 1.3                             |
| 2016 Q1  |  | 3.4  | 2.6                             | 1.9  | 1.1                             |
| Q2   |  | 3.0  | 2.2                             | 1.8  | 1.0                             |
| Q3   |  | 4.2  | 3.4                             | 2.0  | 1.2                             |
| Q4   |  | 5.2  | 4.3                             | 2.0  | 1.2                             |
| 2017 Q1  |  | 4.4  | 3.7                             | 2.1  | 1.4                             |
| Q2   |  | 3.9  | 3.3                             | 1.9  | 1.3                             |
| Q3   |  | 3.4  | 2.8                             | 1.7  | 1.1                             |

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

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

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

4 Updated population data have been taken on for the quarterly tail (2016 Quarter 1 onwards). Updates to population estimates before this point will be incorporated when the whole time series is open for revision in Blue Book 2018

# R Revisions Analysis<sup>1</sup>

## Revisions since previously published estimates

£ million

|   |      | 2012 | 2013 | 2014 | 2015 | 2016   |
|---|------|------|------|------|------|--------|
| <b>Latest less previously published levels of GDP</b> |      |      |      |      |      |        |
| <b>at current market prices</b>                       |      |      |      |      |      |        |
| <b>National accounts aggregates</b>                   |      |      |      |      |      |        |
| <b>at current prices (Table A2)</b>                   |      |      |      |      |      |        |
| Gross domestic product at market prices               | KB7D | -    | -    | -    | -    | 2 186  |
| less Basic price adjustment                           | KB7E | -    | -    | -    | -    | 7      |
| Gross value added at basic prices                     | KB7F | -    | -    | -    | -    | 2 179  |
| <b>Gross domestic product:</b>                        |      |      |      |      |      |        |
| <b>expenditure at current prices (Table C1)</b>       |      |      |      |      |      |        |
| National expenditure on goods and services            |      |      |      |      |      |        |
| at market prices                                      |      |      |      |      |      |        |
| Households  | KB7K | -    | -    | -    | -    | 2 034  |
| Non-profit institutions serving households            | KB7L | -    | -    | -    | -    | 17     |
| General government                                    | KB7M | -    | -    | -    | -    | -307   |
| Gross fixed capital formation                         | KB7N | -    | -    | -    | -    | 1 331  |
| Changes in inventories                                | KB7O | -    | -    | -    | -    | -223   |
| Acquisitions less disposals of valuables              | KB7P | -    | -    | -    | -    | -639   |
| Total   | KB7Q | -    | -    | -    | -    | 2 213  |
| Total exports   | KB7R | -    | -    | -    | -    | 7 265  |
| Total imports   | KB7S | -    | -    | -    | -    | 4 929  |
| Statistical discrepancy (expenditure)                 | KB7T | -    | -    | -    | -    | -2 363 |
| <b>Gross domestic product:</b>                        |      |      |      |      |      |        |
| <b>income at current prices (Table D)</b>             |      |      |      |      |      |        |
| Compensation of employees                             | KB7U | -    | -    | -    | -    | 1 144  |
| Gross operating surplus of corporations               | KB7V | -    | -    | -    | -    | 442    |
| Other income  | KB7W | -    | -    | -    | -    | 383    |
| Gross value added at factor cost                      | KB7X | -    | -    | -    | -    | 1 969  |
| Taxes on products & production less Subsidies         | KB7Y | -    | -    | -    | -    | 36     |
| Statistical discrepancy (income)                      | KB7Z | -    | -    | -    | -    | 181    |

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

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

# R Revisions Analysis<sup>1</sup>

## Revisions since previously published estimates

continued

£ million

|   |      | 2014 | 2014 | 2014 | 2015 | 2015 | 2015 | 2015 | 2016  | 2016   | 2016  | 2016   | 2017   | 2017   | 2017   |
|---|------|------|------|------|------|------|------|------|-------|--------|-------|--------|--------|--------|--------|
|   |      | Q2   | Q3   | Q4   | Q1   | Q2   | Q3   | Q4   | Q1    | Q2     | Q3    | Q4     | Q1     | Q2     | Q3     |
| <b>Latest less previously published levels of GDP</b> |      |      |      |      |      |      |      |      |       |        |       |        |        |        |        |
| <b>at current market prices</b>                       |      |      |      |      |      |      |      |      |       |        |       |        |        |        |        |
| <b>National accounts aggregates</b>                   |      |      |      |      |      |      |      |      |       |        |       |        |        |        |        |
| <b>at current prices (Table A2)</b>                   |      |      |      |      |      |      |      |      |       |        |       |        |        |        |        |
| Gross domestic product at market prices               | KB7D | -    | -    | -    | -    | -    | -    | -    | 285   | -294   | 816   | 1 379  | 1 136  | 823    | 847    |
| less Basic price adjustment                           | KB7E | -    | -    | -    | -    | -    | -    | -    | 71    | 3      | -101  | 34     | -45    | 269    | 379    |
| Gross value added at basic prices                     | KB7F | -    | -    | -    | -    | -    | -    | -    | 214   | -297   | 917   | 1 345  | 1 181  | 554    | 468    |
| <b>Gross domestic product:</b>                        |      |      |      |      |      |      |      |      |       |        |       |        |        |        |        |
| <b>expenditure at current prices (Table C1)</b>       |      |      |      |      |      |      |      |      |       |        |       |        |        |        |        |
| National expenditure on goods and services            |      |      |      |      |      |      |      |      |       |        |       |        |        |        |        |
| at market prices                                      |      |      |      |      |      |      |      |      |       |        |       |        |        |        |        |
| Households  | KB7K | -    | -    | -    | -    | -    | -    | -    | -267  | 173    | 1 569 | 559    | -43    | -332   | -1 102 |
| Non-profit institutions serving households            | KB7L | -    | -    | -    | -    | -    | -    | -    | 6     | 2      | 5     | 4      | 2      | -1     | -9     |
| General government                                    | KB7M | -    | -    | -    | -    | -    | -    | -    | -67   | -137   | 44    | -147   | -189   | -176   | -525   |
| Gross fixed capital formation                         | KB7N | -    | -    | -    | -    | -    | -    | -    | 296   | 128    | 95    | 812    | 885    | 812    | 1 391  |
| Changes in inventories                                | KB7O | -    | -    | -    | -    | -    | -    | -    | -385  | -1 045 | 118   | 1 089  | 1 581  | 725    | -679   |
| Acquisitions less disposals of valuables              | KB7P | -    | -    | -    | -    | -    | -    | -    | -45   | 6      | -614  | 14     | 194    | 1 379  | 75     |
| Total   | KB7Q | -    | -    | -    | -    | -    | -    | -    | -462  | -873   | 1 217 | 2 331  | 2 430  | 2 407  | -849   |
| Total exports   | KB7R | -    | -    | -    | -    | -    | -    | -    | 1 595 | 1 943  | 1 842 | 1 885  | 2 258  | 2 242  | 4 284  |
| Total imports   | KB7S | -    | -    | -    | -    | -    | -    | -    | 790   | 1 082  | 1 541 | 1 516  | 1 877  | 1 883  | 908    |
| Statistical discrepancy (expenditure)                 | KB7T | -    | -    | -    | -    | -    | -    | -    | -58   | -282   | -702  | -1 321 | -1 675 | -1 943 | -1 680 |
| <b>Gross domestic product:</b>                        |      |      |      |      |      |      |      |      |       |        |       |        |        |        |        |
| <b>income at current prices (Table D)</b>             |      |      |      |      |      |      |      |      |       |        |       |        |        |        |        |
| Compensation of employees                             | KB7U | -    | -    | -    | -    | -    | -    | -    | 254   | 665    | 41    | 184    | 329    | 114    | 217    |
| Gross operating surplus of corporations               | KB7V | -    | -    | -    | -    | -    | -    | -    | -1    | -950   | 656   | 737    | 469    | -245   | -809   |
| Other income  | KB7W | -    | -    | -    | -    | -    | -    | -    | 18    | 18     | 136   | 211    | 15     | 29     | 103    |
| Gross value added at factor cost                      | KB7X | -    | -    | -    | -    | -    | -    | -    | 271   | -267   | 833   | 1 132  | 813    | -102   | -489   |
| Taxes on products & production less Subsidies         | KB7Y | -    | -    | -    | -    | -    | -    | -    | 62    | -1     | -76   | 51     | -41    | 263    | 465    |
| Statistical discrepancy (income)                      | KB7Z | -    | -    | -    | -    | -    | -    | -    | -48   | -26    | 59    | 196    | 364    | 662    | 871    |

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

|   |      | 2014 | 2014 | 2014 | 2015 | 2015 | 2015 | 2015 | 2016 | 2016 | 2016 | 2016 | 2017 | 2017 | 2017 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|   |      | Q2   | Q3   | Q4   | Q1   | Q2   | Q3   | Q4   | Q1   | Q2   | Q3   | Q4   | Q1   | Q2   | Q3   |
| <b>Latest less previously published growth rates</b>  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>for GDP in chained volume terms</b>                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Percentage changes in volume of GDP (Table A2)</b> |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Gross domestic product chained volume measures        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Quarter on quarter growth                             | KB82 | -    | -    | -    | -    | -    | -    | -    | -    | -    | 0.1  | 0.1  | -    | -    | -    |
| Quarter on same quarter a year earlier                | KB94 | -    | -    | -    | -    | -    | -    | -    | -    | -    | 0.2  | 0.4  | 0.3  | 0.4  | 0.2  |
| <b>Percentage changes in volume</b>                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>of GVA output components (Table B1)</b>            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| GVA at basic prices quarter on quarter growth         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Agriculture, forestry and fishing                     | KB83 | -    | -    | -    | -    | -    | -    | -    | 0.1  | -    | -    | -0.3 | -0.5 | -    | 0.6  |
| Mining and quarrying inc oil & gas extraction         | KB84 | -    | -    | -    | -    | -    | -    | -    | 0.6  | 0.2  | 0.3  | 0.3  | -    | 0.5  | 0.8  |
| Manufacturing   | KB85 | -    | -    | -    | -    | -    | -    | -    | -    | -0.2 | 0.1  | 0.2  | -    | 0.2  | 0.2  |
| Electricity, gas, steam and air                       | KB86 | -    | -    | -    | -    | -    | -    | -    | 0.4  | -0.1 | -0.4 | -0.3 | 0.6  | 0.1  | 0.3  |
| Water supply, sewerage                                | KNT7 | -    | -    | -    | -    | -    | -    | -    | -0.3 | 0.3  | -0.2 | 0.2  | 0.3  | -    | -1.2 |
| Total Production                                      | KB87 | -    | -    | -    | -    | -    | -    | -    | 0.1  | -0.1 | -    | 0.1  | 0.1  | 0.2  | 0.2  |
| Construction  | KB88 | -    | -    | -    | -    | -    | -    | -    | -0.1 | -0.5 | 0.7  | 1.0  | 0.5  | 0.2  | 0.4  |
| Distribution, hotels and restaurants                  | KB89 | -    | -    | -    | -    | -    | -    | -    | -0.4 | 0.1  | 0.1  | -0.3 | 0.2  | -0.4 | 0.2  |
| Transport storage and communications                  | KB8A | -    | -    | -    | -    | -    | -    | -    | 0.2  | 0.1  | 0.4  | 0.8  | -0.2 | 0.2  | -    |
| Business services and finance                         | KB8B | -    | -    | -    | -    | -    | -    | -    | 0.3  | -    | 0.4  | 0.1  | -0.2 | -    | 0.1  |
| Government and other services                         | KB8C | -    | -    | -    | -    | -    | -    | -    | -0.1 | -0.4 | -0.4 | -0.4 | 0.1  | -    | -0.2 |
| Total services  | KB8D | -    | -    | -    | -    | -    | -    | -    | -    | -0.1 | 0.1  | -    | -    | -    | -    |
| Total GVA   | KB8E | -    | -    | -    | -    | -    | -    | -    | 0.1  | -    | 0.1  | 0.1  | -    | -    | -    |
| Total GVA excluding Oil                               | KB8F | -    | -    | -    | -    | -    | -    | -    | 0.1  | -0.1 | 0.2  | 0.2  | 0.1  | -    | -    |
| <b>Percentage changes in volume of GDP</b>            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>expenditure components (Table C2)</b>              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| National expenditure on goods and services            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| at market prices quarter on quarter growth            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Households  | KB8G | -    | -    | -    | -    | -    | -    | -    | -    | 0.2  | 0.2  | -0.1 | -0.3 | -    | -0.1 |
| Non-profit institutions serving households            | KB8H | -    | -    | -    | -    | -    | -    | -    | -0.7 | -0.4 | 0.8  | -0.1 | -0.2 | -0.3 | -0.2 |
| General government                                    | KB8I | -    | -    | -    | -    | -    | -    | -    | -    | -0.2 | -    | -0.2 | -0.1 | 0.3  | -0.5 |
| Gross fixed capital formation                         | KB8J | -    | -    | -    | -    | -    | -    | -    | 0.1  | 0.1  | 0.3  | 0.3  | -    | 0.4  | 0.1  |
| Total   | KB8K | -    | -    | -    | -    | -    | -    | -    | -0.1 | -    | 0.3  | 0.2  | -0.1 | 0.1  | -0.5 |
| Total exports   | KB8L | -    | -    | -    | -    | -    | -    | -    | 0.9  | 0.3  | 0.1  | -0.2 | 0.7  | 0.1  | 1.5  |
| Total imports   | KB8M | -    | -    | -    | -    | -    | -    | -    | 0.3  | 0.2  | 0.3  | -0.3 | -    | 0.2  | -0.2 |

# AA Annex A - Growth and contributions to growth - output components of GDP<sup>1</sup>

## Chained Volume Measures

Seasonally adjusted data

Reference year 2015

|  | Agri-<br>culture,<br>forestry,<br>and<br>fishing | Total<br>Production | Mining &<br>quarrying<br>inc oil<br>& gas<br>extract | Manu-<br>facturing | Electric,<br>gas,<br>steam &<br>air | Water<br>supply,<br>sewerage | Constr<br>uction | Total<br>Services | Distri-<br>bution,<br>hotels &<br>restaurants | Transport<br>storage<br>and<br>commu-<br>nications | Business<br>services<br>and<br>finance | Govern-<br>ment and<br>other<br>services |
|--|--|---------------------|--|--------------------|-------------------------------------|------------------------------|------------------|-------------------|---|--|--|--|
| <b>Percentage change, latest year on previous year</b>                             |  |                     |  |                    |                                     |                              |                  |                   |   |  |  |  |
| <b>Growth</b>  |  |                     |  |                    |                                     |                              |                  |                   |   |  |  |  |
| 2014   | L3BB<br>12.2                                     | L3BG<br>1.5         | L3BH<br>0.6  | L3BN<br>2.9        | L3DM<br>-5.8                        | L3DQ<br>0.6                  | L3DW<br>9.0      | L3E2<br>3.4       | L3GP<br>4.7                                   | KI8L<br>2.7  | KI8N<br>3.8                            | KI8P<br>2.4                              |
| 2015   | 1.2  | 1.2                 | 8.1  | -                  | 1.0                                 | 3.4                          | 4.4              | 2.6               | 4.7   | 4.0  | 2.4                                    | 0.9                                      |
| 2016   | -5.6   | 1.3                 | -  | 0.9                | 2.6                                 | 5.2                          | 3.9              | 2.5               | 4.7   | 4.7  | 2.2                                    | 0.6                                      |
| <b>Contributions to growth</b>   |  |                     |  |                    |                                     |                              |                  |                   |   |  |  |  |
| 2014   | ZZ3V<br>0.1                                      | ZZ3W<br>0.2         | ZZ3Y<br>-  | ZZ3X<br>0.3        | ZZ3Z<br>-0.1                        | ZZ42<br>-                    | ZZ43<br>0.5      | ZZ44<br>2.7       | ZZ45<br>0.6                                   | ZZ46<br>0.3  | ZZ47<br>1.2                            | ZZ48<br>0.5                              |
| 2015   | -  | 0.2                 | 0.1  | -                  | -                                   | -                            | 0.3              | 2.0               | 0.6   | 0.4  | 0.8                                    | 0.2                                      |
| 2016   | -  | 0.2                 | -  | 0.1                | -                                   | 0.1                          | 0.2              | 2.0               | 0.6   | 0.5  | 0.7                                    | 0.1                                      |
| <b>Percentage change, latest quarter on previous quarter</b>                       |  |                     |  |                    |                                     |                              |                  |                   |   |  |  |  |
| <b>Growth</b>  |  |                     |  |                    |                                     |                              |                  |                   |   |  |  |  |
| 2015 Q1  | L3BB<br>-1.8                                     | L3BG<br>0.3         | L3BH<br>1.0  | L3BN<br>-0.1       | L3DM<br>2.4                         | L3DQ<br>0.5                  | L3DW<br>1.6      | L3E2<br>0.1       | L3GP<br>1.0                                   | KI8L<br>0.1  | KI8N<br>0.2                            | KI8P<br>-0.4                             |
| Q2   | 0.6  | 0.6                 | 8.8  | -0.6               | -2.2                                | 4.0                          | 0.7              | 0.6               | 1.0   | 1.1  | 0.4                                    | 0.4                                      |
| Q3   | -0.3   | -                   | 1.4  | -0.4               | 0.7                                 | -                            | -0.4             | 0.4               | 0.6   | 0.9  | 0.4                                    | -0.1                                     |
| Q4   | -1.3   | -0.4                | -3.1   | 0.1                | -1.8                                | 0.5                          | 1.2              | 0.7               | 1.3   | 0.5  | 0.6                                    | 0.8                                      |
| 2016 Q1  | -4.0   | -                   | -2.5   | -                  | 1.4                                 | 1.3                          | 0.4              | 0.8               | 1.5   | 1.5  | 0.7                                    | 0.3                                      |
| Q2   | -1.0   | 2.1                 | 2.4  | 1.4                | 5.6                                 | 2.7                          | 1.6              | 0.3               | 0.9   | 0.4  | 0.5                                    | -0.3                                     |
| Q3   | -0.2   | -0.5                | 5.3  | -0.6               | -4.2                                | 0.3                          | 1.2              | 0.8               | 1.2   | 2.8  | 0.6                                    | -  |
| Q4   | 0.7  | 0.8                 | -8.5   | 1.5                | 3.1                                 | 1.2                          | 3.2              | 0.6               | 1.6   | 1.5  | 0.4                                    | -0.3                                     |
| 2017 Q1  | -0.8   | 0.4                 | 2.9  | 0.6                | -3.5                                | 2.3                          | 2.4              | 0.1               | -0.6  | -1.0   | 0.4                                    | 0.5                                      |
| Q2   | -0.1   | -0.1                | 1.1  | -0.1               | -0.2                                | -1.0                         | -0.3             | 0.4               | 0.5   | 1.4  | 0.1                                    | 0.3                                      |
| Q3   | 0.8  | 1.3                 | 2.9  | 1.3                | 1.4                                 | -0.5                         | -0.5             | 0.4               | 0.5   | -  | 0.7                                    | -  |
| <b>Contributions to growth</b>   |  |                     |  |                    |                                     |                              |                  |                   |   |  |  |  |
| 2015 Q1  | ZZ2F<br>-  | ZZ2G<br>-           | ZZ2I<br>-  | ZZ2H<br>-          | ZZ2J<br>-                           | ZZ2K<br>-                    | ZZ2L<br>0.1      | ZZ2M<br>0.1       | ZZ2N<br>0.1                                   | ZZ2O<br>-  | ZZ2P<br>0.1                            | ZZ2Q<br>-0.1                             |
| Q2   | -  | 0.1                 | 0.1  | -0.1               | -                                   | -                            | -                | 0.5               | 0.1   | 0.1  | 0.1                                    | 0.1                                      |
| Q3   | -  | -                   | -  | -                  | -                                   | -                            | -                | 0.3               | 0.1   | 0.1  | 0.1                                    | -  |
| Q4   | -  | -0.1                | -  | -                  | -                                   | -                            | 0.1              | 0.6               | 0.2   | 0.1  | 0.2                                    | 0.2                                      |
| 2016 Q1  | -  | -                   | -  | -                  | -                                   | -                            | -                | 0.6               | 0.2   | 0.2  | 0.2                                    | 0.1                                      |
| Q2   | -  | 0.3                 | -  | 0.1                | 0.1                                 | -                            | 0.1              | 0.3               | 0.1   | -  | 0.2                                    | -0.1                                     |
| Q3   | -  | -0.1                | 0.1  | -0.1               | -0.1                                | -                            | 0.1              | 0.6               | 0.2   | 0.3  | 0.2                                    | -  |
| Q4   | -  | 0.1                 | -0.1   | 0.1                | 0.1                                 | -                            | 0.2              | 0.5               | 0.2   | 0.2  | 0.1                                    | -0.1                                     |
| 2017 Q1  | -  | 0.1                 | -  | 0.1                | -0.1                                | -                            | 0.2              | -                 | -0.1  | -0.1   | 0.1                                    | 0.1                                      |
| Q2   | -  | -                   | -  | -                  | -                                   | -                            | -                | 0.3               | 0.1   | 0.1  | -                                      | 0.1                                      |
| Q3   | -  | 0.2                 | -  | 0.1                | -                                   | -                            | -                | 0.3               | 0.1   | -  | 0.2                                    | -  |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |  |                     |  |                    |                                     |                              |                  |                   |   |  |  |  |
| <b>Growth</b>  |  |                     |  |                    |                                     |                              |                  |                   |   |  |  |  |
| 2015 Q1  | L3ZZ<br>4.4                                      | L426<br>1.4         | L427<br>1.3  | L42D<br>1.4        | L44C<br>4.4                         | L44G<br>-1.9                 | L44M<br>7.0      | L44Q<br>3.4       | L47F<br>5.4                                   | KII2<br>5.0  | KIH9<br>3.4                            | KIH8<br>1.4                              |
| Q2   | 2.8  | 1.8                 | 10.4   | 0.2                | 1.5                                 | 5.1                          | 5.7              | 2.9               | 4.9   | 4.7  | 2.6                                    | 1.2                                      |
| Q3   | 0.7  | 1.2                 | 13.1   | -0.7               | -1.0                                | 5.7                          | 2.2              | 2.3               | 4.5   | 3.9  | 2.1                                    | 0.5                                      |
| Q4   | -2.8   | 0.5                 | 7.9  | -0.9               | -0.9                                | 5.0                          | 3.0              | 1.8               | 4.0   | 2.6  | 1.5                                    | 0.6                                      |
| 2016 Q1  | -5.0   | 0.1                 | 4.2  | -0.8               | -1.9                                | 5.9                          | 1.8              | 2.5               | 4.5   | 4.0  | 2.1                                    | 1.3                                      |
| Q2   | -6.5   | 1.7                 | -1.9   | 1.2                | 5.9                                 | 4.5                          | 2.8              | 2.3               | 4.3   | 3.3  | 2.2                                    | 0.6                                      |
| Q3   | -6.4   | 1.2                 | 1.8  | 0.9                | 0.7                                 | 4.9                          | 4.5              | 2.7               | 4.9   | 5.2  | 2.3                                    | 0.7                                      |
| Q4   | -4.4   | 2.4                 | -3.8   | 2.3                | 5.7                                 | 5.6                          | 6.5              | 2.5               | 5.2   | 6.3  | 2.2                                    | -0.4                                     |
| 2017 Q1  | -1.3   | 2.8                 | 1.6  | 2.9                | 0.6                                 | 6.5                          | 8.6              | 1.8               | 3.0   | 3.6  | 1.9                                    | -0.2                                     |
| Q2   | -0.4   | 0.6                 | 0.2  | 1.4                | -5.0                                | 2.8                          | 6.6              | 1.8               | 2.7   | 4.6  | 1.5                                    | 0.4                                      |
| Q3   | 0.6  | 2.4                 | -2.1   | 3.3                | 0.6                                 | 2.0                          | 4.8              | 1.4               | 2.0   | 1.8  | 1.6                                    | 0.4                                      |
| <b>Contributions to growth</b>   |  |                     |  |                    |                                     |                              |                  |                   |   |  |  |  |
| 2015 Q1  | ZZ36<br>-  | ZZ37<br>0.2         | ZZ39<br>-  | ZZ38<br>0.1        | ZZ3A<br>0.1                         | ZZ3B<br>-                    | ZZ3C<br>0.4      | ZZ3D<br>2.7       | ZZ3E<br>0.7                                   | ZZ3F<br>0.5  | ZZ3G<br>1.1                            | ZZ3H<br>0.3                              |
| Q2   | -  | 0.2                 | 0.2  | -                  | -                                   | 0.1                          | 0.3              | 2.3               | 0.7   | 0.5  | 0.8                                    | 0.3                                      |
| Q3   | -  | 0.2                 | 0.2  | -0.1               | -                                   | 0.1                          | 0.1              | 1.8               | 0.6   | 0.4  | 0.7                                    | 0.1                                      |
| Q4   | -  | 0.1                 | 0.1  | -0.1               | -                                   | 0.1                          | 0.2              | 1.5               | 0.5   | 0.3  | 0.5                                    | 0.1                                      |
| 2016 Q1  | -  | -                   | -  | -0.1               | -                                   | 0.1                          | 0.1              | 2.0               | 0.6   | 0.4  | 0.7                                    | 0.3                                      |
| Q2   | -  | 0.2                 | -  | 0.1                | 0.1                                 | -                            | 0.2              | 1.8               | 0.6   | 0.3  | 0.7                                    | 0.1                                      |
| Q3   | -  | 0.2                 | -  | 0.1                | -                                   | -                            | 0.3              | 2.2               | 0.7   | 0.5  | 0.8                                    | 0.2                                      |
| Q4   | -  | 0.3                 | -  | 0.2                | 0.1                                 | 0.1                          | 0.4              | 2.0               | 0.7   | 0.7  | 0.7                                    | -0.1                                     |
| 2017 Q1  | -  | 0.4                 | -  | 0.3                | -                                   | 0.1                          | 0.5              | 1.4               | 0.4   | 0.4  | 0.6                                    | -  |
| Q2   | -  | 0.1                 | -  | 0.1                | -0.1                                | -                            | 0.4              | 1.4               | 0.4   | 0.5  | 0.5                                    | 0.1                                      |
| Q3   | -  | 0.3                 | -  | 0.3                | -                                   | -                            | 0.3              | 1.1               | 0.3   | 0.2  | 0.5                                    | 0.1                                      |

<sup>1</sup> Estimates are accurate to 1 decimal place

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

# AB Annex B - Growth and contributions to growth - expenditure components of GDP<sup>1,2</sup>

## Chained Volume Measures

Seasonally adjusted data

Reference year 2015

| Final consumption expenditure  |            |                                      |                    |                         |                               |                     |               |                    |           |
|--|------------|--------------------------------------|--------------------|-------------------------|-------------------------------|---------------------|---------------|--------------------|-----------|
|  | Households | Non-profit institutions <sup>3</sup> | General government | Gross capital formation | Gross fixed capital formation | Business investment | Total exports | less Total imports | Net trade |
| <b>Percentage change, latest year on previous year</b>                             |            |                                      |                    |                         |                               |                     |               |                    |           |
| <b>Growth</b>  |            |                                      |                    |                         |                               |                     |               |                    |           |
|  | KGZ5       | KH26                                 | KH2I               | ZZ6H                    | KG7N                          | KG7M                | KH2U          | KH3N               |           |
| 2014   | 2.2        | 1.5                                  | 2.5                | 10.9                    | 7.1                           | 5.1                 | 2.7           | 4.5                |           |
| 2015   | 2.7        | -0.8                                 | 0.6                | 4.1                     | 2.8                           | 3.7                 | 5.0           | 5.1                |           |
| 2016   | 3.1        | -0.1                                 | 0.8                | 0.9                     | 1.8                           | -0.5                | 2.3           | 4.8                |           |
| <b>Contributions to growth</b>   |            |                                      |                    |                         |                               |                     |               |                    |           |
|  | ZZ6M       | ZZ6N                                 | ZZ6O               | ZZ6P                    | ZZ6Q                          | ZZ6R                | ZZ6S          | ZZ6T               | ZZ6U      |
| 2014   | 1.4        | -                                    | 0.5                | 1.8                     | 1.1                           | 0.5                 | 0.8           | 1.4                | -0.6      |
| 2015   | 1.7        | -                                    | 0.1                | 0.7                     | 0.5                           | 0.3                 | 1.4           | 1.5                | -0.1      |
| 2016   | 1.9        | -                                    | 0.2                | 0.2                     | 0.3                           | -                   | 0.6           | 1.4                | -0.8      |
| <b>Percentage change, latest quarter on previous quarter</b>                       |            |                                      |                    |                         |                               |                     |               |                    |           |
| <b>Growth</b>  |            |                                      |                    |                         |                               |                     |               |                    |           |
|  | KGZ6       | KH27                                 | KH2J               | ZZ5H                    | KG7Q                          | KG7P                | KH2V          | KH3O               |           |
| 2015 Q1  | 1.0        | -0.6                                 | -                  | 0.8                     | 2.8                           | 5.2                 | -             | 1.3                |           |
| Q2   | 0.7        | 0.7                                  | 0.6                | -5.9                    | 1.4                           | 0.1                 | 2.0           | -1.5               |           |
| Q3   | 1.0        | -1.2                                 | 0.3                | 1.7                     | -3.1                          | -3.3                | -1.0          | 0.8                |           |
| Q4   | 0.4        | 1.3                                  | -0.4               | 5.7                     | 0.1                           | 0.1                 | 1.9           | 3.2                |           |
| 2016 Q1  | 0.8        | -0.5                                 | 1.0                | -1.8                    | 0.7                           | -                   | -1.5          | 0.2                |           |
| Q2   | 1.1        | -                                    | -0.3               | -4.4                    | 2.0                           | 0.7                 | 2.8           | 1.0                |           |
| Q3   | 0.8        | -0.1                                 | -                  | 8.8                     | 1.1                           | 1.3                 | -1.8          | 3.3                |           |
| Q4   | 0.3        | -0.1                                 | -                  | -6.3                    | 0.7                           | -0.1                | 5.2           | -1.0               |           |
| 2017 Q1  | 0.1        | 0.1                                  | 0.1                | 3.0                     | 0.5                           | 0.8                 | 0.4           | 1.0                |           |
| Q2   | 0.2        | 0.1                                  | 0.4                | -1.1                    | 1.0                           | 0.5                 | 1.8           | 0.4                |           |
| Q3   | 0.5        | -                                    | -0.2               | 0.8                     | 0.3                           | 0.5                 | 0.8           | 0.9                |           |
| <b>Contributions to growth</b>   |            |                                      |                    |                         |                               |                     |               |                    |           |
|  | ZZ5M       | ZZ5N                                 | ZZ5O               | ZZ5P                    | ZZ5Q                          | ZZ5R                | ZZ5S          | ZZ5T               | ZZ5U      |
| 2015 Q1  | 0.6        | -                                    | -                  | 0.1                     | 0.5                           | 0.5                 | -             | 0.4                | -0.4      |
| Q2   | 0.4        | -                                    | 0.1                | -1.1                    | 0.2                           | -                   | 0.6           | -0.5               | 1.1       |
| Q3   | 0.7        | -                                    | 0.1                | 0.3                     | -0.5                          | -0.3                | -0.3          | 0.2                | -0.5      |
| Q4   | 0.3        | -                                    | -0.1               | 1.0                     | -                             | -                   | 0.5           | 1.0                | -0.4      |
| 2016 Q1  | 0.5        | -                                    | 0.2                | -0.3                    | 0.1                           | -                   | -0.4          | 0.1                | -0.5      |
| Q2   | 0.7        | -                                    | -                  | -0.8                    | 0.3                           | 0.1                 | 0.8           | 0.3                | 0.5       |
| Q3   | 0.5        | -                                    | -                  | 1.4                     | 0.2                           | 0.1                 | -0.5          | 1.0                | -1.5      |
| Q4   | 0.2        | -                                    | -                  | -1.1                    | 0.1                           | -                   | 1.4           | -0.3               | 1.7       |
| 2017 Q1  | 0.1        | -                                    | -                  | 0.5                     | 0.1                           | 0.1                 | 0.1           | 0.3                | -0.2      |
| Q2   | 0.1        | -                                    | 0.1                | -0.2                    | 0.2                           | -                   | 0.5           | 0.1                | 0.4       |
| Q3   | 0.3        | -                                    | -                  | 0.1                     | -                             | 0.1                 | 0.2           | 0.3                | -         |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |            |                                      |                    |                         |                               |                     |               |                    |           |
| <b>Growth</b>  |            |                                      |                    |                         |                               |                     |               |                    |           |
|  | KGZ7       | KH28                                 | KH2K               | ZZ5Y                    | KG7T                          | KG7S                | KH2W          | KH3P               |           |
| 2015 Q1  | 2.4        | -1.7                                 | 0.9                | 7.7                     | 4.8                           | 8.0                 | 6.9           | 7.1                |           |
| Q2   | 2.8        | -0.3                                 | 0.5                | 5.1                     | 4.9                           | 4.0                 | 5.0           | 5.4                |           |
| Q3   | 2.5        | -1.4                                 | 0.5                | 1.8                     | 0.4                           | 1.1                 | 5.3           | 4.4                |           |
| Q4   | 3.2        | 0.2                                  | 0.6                | 1.9                     | 1.1                           | 2.0                 | 2.8           | 3.7                |           |
| 2016 Q1  | 2.9        | 0.2                                  | 1.6                | -0.6                    | -0.9                          | -3.1                | 1.3           | 2.6                |           |
| Q2   | 3.3        | -0.5                                 | 0.7                | 0.9                     | -0.4                          | -2.6                | 2.1           | 5.3                |           |
| Q3   | 3.1        | 0.6                                  | 0.4                | 8.0                     | 4.0                           | 2.1                 | 1.3           | 7.9                |           |
| Q4   | 3.0        | -0.8                                 | 0.7                | -4.2                    | 4.6                           | 1.9                 | 4.6           | 3.6                |           |
| 2017 Q1  | 2.4        | -0.2                                 | -0.1               | 0.4                     | 4.3                           | 2.7                 | 6.6           | 4.4                |           |
| Q2   | 1.4        | -0.1                                 | 0.6                | 3.9                     | 3.3                           | 2.5                 | 5.5           | 3.8                |           |
| Q3   | 1.0        | 0.1                                  | 0.3                | -3.7                    | 2.4                           | 1.7                 | 8.3           | 1.3                |           |
| <b>Contributions to growth</b>   |            |                                      |                    |                         |                               |                     |               |                    |           |
|  | ZZ65       | ZZ66                                 | ZZ67               | ZZ68                    | ZZ69                          | ZZ6A                | ZZ6B          | ZZ6C               | ZZ6D      |
| 2015 Q1  | 1.5        | -0.1                                 | 0.2                | 1.3                     | 0.8                           | 0.7                 | 1.9           | 2.1                | -0.2      |
| Q2   | 1.7        | -                                    | 0.1                | 0.8                     | 0.8                           | 0.4                 | 1.4           | 1.6                | -0.2      |
| Q3   | 1.6        | -                                    | 0.1                | 0.3                     | 0.1                           | 0.1                 | 1.5           | 1.3                | 0.2       |
| Q4   | 2.0        | -                                    | 0.1                | 0.3                     | 0.2                           | 0.2                 | 0.8           | 1.2                | -0.3      |
| 2016 Q1  | 1.8        | -                                    | 0.3                | -0.1                    | -0.2                          | -0.3                | 0.3           | 0.8                | -0.4      |
| Q2   | 2.1        | -                                    | 0.1                | 0.1                     | -0.1                          | -0.2                | 0.6           | 1.5                | -0.9      |
| Q3   | 2.0        | -                                    | 0.1                | 1.3                     | 0.7                           | 0.2                 | 0.3           | 2.3                | -1.9      |
| Q4   | 1.9        | -                                    | 0.1                | -0.7                    | 0.7                           | 0.2                 | 1.3           | 1.1                | 0.2       |
| 2017 Q1  | 1.5        | -                                    | -                  | 0.1                     | 0.7                           | 0.2                 | 1.8           | 1.3                | 0.5       |
| Q2   | 0.9        | -                                    | 0.1                | 0.6                     | 0.5                           | 0.2                 | 1.6           | 1.1                | 0.4       |
| Q3   | 0.7        | -                                    | 0.1                | -0.7                    | 0.4                           | 0.2                 | 2.3           | 0.4                | 1.9       |

1 Estimates are accurate to 1 decimal place

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

3 Non-profit institutions serving households

# AC Annex C - Growth and contributions to growth - income components of GDP<sup>1,2</sup>

## Current Prices

### Seasonally adjusted data

|  | Compen-<br>sation of<br>employees | Gross operating<br>surplus of<br>corporations <sup>3</sup> | Other income <sup>4</sup> | Taxes on products<br>& production<br>less subsidies |
|--|-----------------------------------|--|---------------------------|---|
| <b>Percentage change, latest year on previous year</b>                             |                                   |  |                           |   |
| <b>Growth</b>  |                                   |  |                           |   |
|  | KGI3                              | KH4V   | KH6T                      | KH65  |
| 2014   | 2.1                               | 9.6  | 6.8                       | 5.0   |
| 2015   | 3.1                               | 0.3  | 5.4                       | 2.8   |
| 2016   | 4.2                               | 2.6  | 4.0                       | 4.2   |
| <b>Contributions to growth</b>   |                                   |  |                           |   |
|  | ZZ7H                              | ZZ7I   | ZZ7J                      | ZZ7K  |
| 2014   | 1.1                               | 2.0  | 1.1                       | 0.6   |
| 2015   | 1.5                               | 0.1  | 0.9                       | 0.3   |
| 2016   | 2.0                               | 0.6  | 0.7                       | 0.5   |
| <b>Percentage change, latest quarter on previous quarter</b>                       |                                   |  |                           |   |
| <b>Growth</b>  |                                   |  |                           |   |
|  | KGI4                              | KH4W   | KH6U                      | KH66  |
| 2015 Q1  | 0.5                               | 1.3  | 1.4                       | -1.6  |
| Q2   | 0.8                               | 2.0  | 1.9                       | 3.2   |
| Q3   | 0.7                               | -3.7   | 2.1                       | 1.0   |
| Q4   | 0.9                               | -0.4   | -0.2                      | 0.4   |
| 2016 Q1  | 0.2                               | 5.0  | 0.7                       | 1.0   |
| Q2   | 2.4                               | -2.6   | 2.1                       | 1.2   |
| Q3   | 1.4                               | 1.3  | 0.6                       | 0.1   |
| Q4   | 0.6                               | 2.8  | 0.3                       | 2.2   |
| 2017 Q1  | 0.8                               | 2.1  | -                         | -1.2  |
| Q2   | 1.0                               | -0.8   | 0.7                       | 1.7   |
| Q3   | 0.7                               | 0.1  | 0.3                       | 1.8   |
| <b>Contributions to growth</b>   |                                   |  |                           |   |
|  | ZZ6Z                              | ZZ72   | ZZ73                      | ZZ74  |
| 2015 Q1  | 0.3                               | 0.3  | 0.2                       | -0.2  |
| Q2   | 0.4                               | 0.4  | 0.3                       | 0.4   |
| Q3   | 0.3                               | -0.8   | 0.4                       | 0.1   |
| Q4   | 0.5                               | -0.1   | -                         | 0.1   |
| 2016 Q1  | 0.1                               | 1.1  | 0.1                       | 0.1   |
| Q2   | 1.2                               | -0.6   | 0.4                       | 0.2   |
| Q3   | 0.7                               | 0.3  | 0.1                       | -   |
| Q4   | 0.3                               | 0.6  | 0.1                       | 0.3   |
| 2017 Q1  | 0.4                               | 0.5  | -                         | -0.2  |
| Q2   | 0.5                               | -0.2   | 0.1                       | 0.2   |
| Q3   | 0.4                               | -  | -                         | 0.2   |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |                                   |  |                           |   |
| <b>Growth</b>  |                                   |  |                           |   |
|  | KGI5                              | KH4X   | KH6V                      | KH67  |
| 2015 Q1  | 2.6                               | 4.7  | 5.4                       | 1.0   |
| Q2   | 3.5                               | 2.0  | 4.2                       | 2.6   |
| Q3   | 3.3                               | -4.3   | 6.5                       | 4.4   |
| Q4   | 2.9                               | -0.9   | 5.3                       | 2.9   |
| 2016 Q1  | 2.6                               | 2.7  | 4.6                       | 5.7   |
| Q2   | 4.3                               | -1.9   | 4.7                       | 3.7   |
| Q3   | 5.0                               | 3.2  | 3.1                       | 2.9   |
| Q4   | 4.8                               | 6.5  | 3.7                       | 4.7   |
| 2017 Q1  | 5.4                               | 3.6  | 3.0                       | 2.3   |
| Q2   | 3.9                               | 5.4  | 1.6                       | 2.8   |
| Q3   | 3.2                               | 4.2  | 1.2                       | 4.5   |
| <b>Contributions to growth<sup>3</sup></b>   |                                   |  |                           |   |
|  | ZZ79                              | ZZ7A   | ZZ7B                      | ZZ7C  |
| 2015 Q1  | 1.3                               | 1.0  | 0.9                       | 0.1   |
| Q2   | 1.7                               | 0.4  | 0.7                       | 0.3   |
| Q3   | 1.6                               | -1.0   | 1.1                       | 0.5   |
| Q4   | 1.4                               | -0.2   | 0.9                       | 0.4   |
| 2016 Q1  | 1.3                               | 0.6  | 0.8                       | 0.7   |
| Q2   | 2.1                               | -0.4   | 0.8                       | 0.4   |
| Q3   | 2.5                               | 0.7  | 0.5                       | 0.4   |
| Q4   | 2.4                               | 1.4  | 0.6                       | 0.6   |
| 2017 Q1  | 2.6                               | 0.8  | 0.5                       | 0.3   |
| Q2   | 1.9                               | 1.1  | 0.3                       | 0.3   |
| Q3   | 1.6                               | 0.9  | 0.2                       | 0.5   |

1 Estimates are accurate to 1 decimal place

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 GDP<sup>1</sup>

Seasonally adjusted data

Reference year 2015

|  | Final consumption expenditure |   |                            |                               |                                  |                  |      | less<br>Total<br>imports |
|--|-------------------------------|---|----------------------------|-------------------------------|----------------------------------|------------------|------|--------------------------|
|  | House-<br>holds               | Non-prof-<br>it<br>instit-<br>utions <sup>2</sup> | General<br>govern-<br>ment | Gross<br>capital<br>formation | Gross fixed capital<br>formation | Total<br>exports |      |                          |
| <b>Percentage change, latest year on previous year</b>                             |                               |   |                            |                               |                                  |                  |      |                          |
|  | ZZ93                          | ZZ94  | ZZ95                       | ZZ96                          | ZZ97                             | ZZ98             | ZZ99 |                          |
| 2014   | 1.9                           | 2.5   | 0.6                        | -1.1                          | 1.4                              | -2.8             | -4.2 |                          |
| 2015   | 0.6                           | 0.8   | 0.2                        | -2.0                          | 1.3                              | -5.1             | -5.9 |                          |
| 2016   | 1.4                           | 0.8   | 1.2                        | 3.0                           | 1.6                              | 4.8              | 3.4  |                          |
| <b>Percentage change, latest quarter on previous quarter</b>                       |                               |   |                            |                               |                                  |                  |      |                          |
|  | ZZ8N                          | ZZ8O  | ZZ8P                       | ZZ8Q                          | ZZ8R                             | ZZ8S             | ZZ8T |                          |
| 2015 Q1  | -0.2                          | 0.2   | 0.1                        | -0.1                          | 1.0                              | -1.9             | -2.7 |                          |
| Q2   | 0.2                           | -0.9  | 0.3                        | 5.7                           | -1.0                             | -1.1             | -0.7 |                          |
| Q3   | -                             | 1.4   | 0.2                        | -3.2                          | 0.6                              | -1.6             | -1.5 |                          |
| Q4   | 0.6                           | -0.7  | -0.8                       | -5.7                          | 0.5                              | -0.1             | -1.4 |                          |
| 2016 Q1  | 0.1                           | 0.7   | 0.7                        | 5.3                           | 0.9                              | 1.9              | 1.2  |                          |
| Q2   | 0.4                           | 0.3   | 0.9                        | 1.6                           | -                                | 2.4              | 2.3  |                          |
| Q3   | 0.5                           | -0.3  | 0.3                        | 2.9                           | 0.3                              | 3.2              | 3.8  |                          |
| Q4   | 0.7                           | 0.2   | 0.5                        | -1.1                          | 0.3                              | 2.4              | 1.9  |                          |
| 2017 Q1  | 0.8                           | 0.3   | 0.1                        | 0.4                           | 0.6                              | 1.1              | 1.4  |                          |
| Q2   | 0.2                           | 0.5   | 0.2                        | 0.3                           | -                                | 0.4              | 0.1  |                          |
| Q3   | 0.4                           | 0.3   | -0.4                       | 0.2                           | 0.8                              | 0.4              | 0.1  |                          |
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |                               |   |                            |                               |                                  |                  |      |                          |
|  | ZZ8U                          | ZZ8V  | ZZ8W                       | ZZ8X                          | ZZ8Y                             | ZZ8Z             | ZZ92 |                          |
| 2015 Q1  | 0.9                           | 2.7   | -0.3                       | -2.9                          | 1.2                              | -4.5             | -5.7 |                          |
| Q2   | 0.6                           | -0.1  | 1.3                        | -0.7                          | 0.9                              | -5.3             | -5.7 |                          |
| Q3   | 0.1                           | 0.8   | 0.2                        | -0.9                          | 1.7                              | -5.8             | -6.0 |                          |
| Q4   | 0.7                           | -   | -0.2                       | -3.6                          | 1.1                              | -4.6             | -6.3 |                          |
| 2016 Q1  | 0.9                           | 0.5   | 0.4                        | 1.6                           | 0.9                              | -1.0             | -2.5 |                          |
| Q2   | 1.2                           | 1.8   | 1.0                        | -2.4                          | 2.0                              | 2.5              | 0.5  |                          |
| Q3   | 1.7                           | 0.1   | 1.1                        | 3.8                           | 1.7                              | 7.5              | 6.0  |                          |
| Q4   | 1.8                           | 1.0   | 2.5                        | 8.9                           | 1.6                              | 10.2             | 9.5  |                          |
| 2017 Q1  | 2.4                           | 0.6   | 1.9                        | 3.9                           | 1.3                              | 9.4              | 9.8  |                          |
| Q2   | 2.2                           | 0.7   | 1.1                        | 2.6                           | 1.3                              | 7.3              | 7.5  |                          |
| Q3   | 2.1                           | 1.3   | 0.4                        | -0.1                          | 1.8                              | 4.4              | 3.6  |                          |

1 Estimates are accurate to 1 decimal place

2 Non-profit institutions serving households

# AE Annex E - Output components of GDP- growths and revisions from previous estimate<sup>1,2</sup>, Chained Volume Measures

Seasonally adjusted data

Reference year 2015

|  | Agri-<br>culture,<br>forestry,<br>and<br>fishing | Total<br>Production | Mining &<br>quarrying<br>inc oil<br>& gas<br>extract | Manu-<br>facturing | Electric,<br>gas,<br>steam &<br>air | Water<br>supply,<br>sewerage | Constr-<br>uction | Total<br>Services | Distri-<br>bution,<br>hotels &<br>restaurants | Transport,<br>storage<br>and<br>commu-<br>nications | Business<br>services<br>and<br>finance | Govern-<br>ment &<br>other<br>services |
|--|--|---------------------|--|--------------------|-------------------------------------|------------------------------|-------------------|-------------------|---|---|--|--|
| <b>Percentage change, latest year on previous year</b>       |  |                     |  |                    |                                     |                              |                   |                   |   |   |  |  |
| <b>Current estimates<sup>3</sup></b>                         |  |                     |  |                    |                                     |                              |                   |                   |   |   |  |  |
|  | L3BB   | L3BG                | L3BH   | L3BN               | L3DM                                | L3DQ                         | L3DW              | L3E2              | L3GP  | KI8L  | KI8N                                   | KI8P                                   |
| 2014   | 12.2   | 1.5                 | 0.6  | 2.9                | -5.8                                | 0.6                          | 9.0               | 3.4               | 4.7   | 2.7   | 3.8                                    | 2.4                                    |
| 2015   | 1.2  | 1.2                 | 8.1  | -                  | 1.0                                 | 3.4                          | 4.4               | 2.6               | 4.7   | 4.0   | 2.4                                    | 0.9                                    |
| 2016   | -5.6   | 1.3                 | -  | 0.9                | 2.6                                 | 5.2                          | 3.9               | 2.5               | 4.7   | 4.7   | 2.2                                    | 0.6                                    |
| <b>Previous estimates<sup>2</sup></b>                        |  |                     |  |                    |                                     |                              |                   |                   |   |   |  |  |
|  | A2EQ   | A2ER                | A2ET   | A2ES               | A2EU                                | A2EV                         | A2EW              | A2EY              | A2F2  | A2F3  | A2F4                                   | A2F5                                   |
| 2014   | 12.2   | 1.5                 | 0.6  | 2.9                | -5.8                                | 0.6                          | 9.0               | 3.4               | 4.7   | 2.7   | 3.8                                    | 2.4                                    |
| 2015   | 1.2  | 1.2                 | 8.1  | -                  | 1.0                                 | 3.4                          | 4.4               | 2.6               | 4.7   | 4.0   | 2.4                                    | 0.9                                    |
| 2016   | -5.7   | 1.3                 | -1.0   | 0.9                | 2.6                                 | 5.3                          | 3.8               | 2.5               | 5.1   | 4.1   | 1.7                                    | 1.3                                    |
| <b>Revisions</b>   |  |                     |  |                    |                                     |                              |                   |                   |   |   |  |  |
|  | ZZ52   | ZZ53                | ZZ55   | ZZ54               | ZZ56                                | ZZ57                         | ZZ58              | ZZ59              | ZZ5A  | ZZ5B  | ZZ5C                                   | ZZ5D                                   |
| 2014   | -  | -                   | -  | -                  | -                                   | -                            | -                 | -                 | -   | -   | -                                      | -                                      |
| 2015   | -  | -                   | -  | -                  | -                                   | -                            | -                 | -                 | -   | -   | -                                      | -                                      |
| 2016   | 0.1  | -                   | 1.0  | -                  | -                                   | -0.1                         | 0.1               | -                 | -0.4  | 0.6   | 0.5                                    | -0.7                                   |
| <b>Percentage change, latest quarter on previous quarter</b> |  |                     |  |                    |                                     |                              |                   |                   |   |   |  |  |
| <b>Current estimates<sup>3</sup></b>                         |  |                     |  |                    |                                     |                              |                   |                   |   |   |  |  |
|  | L3BB   | L3BG                | L3BH   | L3BN               | L3DM                                | L3DQ                         | L3DW              | L3E2              | L3GP  | KI8L  | KI8N                                   | KI8P                                   |
| 2015 Q1  | -1.8   | 0.3                 | 1.0  | -0.1               | 2.4                                 | 0.5                          | 1.6               | 0.1               | 1.0   | 0.1   | 0.2                                    | -0.4                                   |
| Q2   | 0.6  | 0.6                 | 8.8  | -0.6               | -2.2                                | 4.0                          | 0.7               | 0.6               | 1.0   | 1.1   | 0.4                                    | 0.4                                    |
| Q3   | -0.3   | -                   | 1.4  | -0.4               | 0.7                                 | -                            | -0.4              | 0.4               | 0.6   | 0.9   | 0.4                                    | -0.1                                   |
| Q4   | -1.3   | -0.4                | -3.1   | 0.1                | -1.8                                | 0.5                          | 1.2               | 0.7               | 1.3   | 0.5   | 0.6                                    | 0.8                                    |
| 2016 Q1  | -4.0   | -                   | -2.5   | -                  | 1.4                                 | 1.3                          | 0.4               | 0.8               | 1.5   | 1.5   | 0.7                                    | 0.3                                    |
| Q2   | -1.0   | 2.1                 | 2.4  | 1.4                | 5.6                                 | 2.7                          | 1.6               | 0.3               | 0.9   | 0.4   | 0.5                                    | -0.3                                   |
| Q3   | -0.2   | -0.5                | 5.3  | -0.6               | -4.2                                | 0.3                          | 1.2               | 0.8               | 1.2   | 2.8   | 0.6                                    | -                                      |
| Q4   | 0.7  | 0.8                 | -8.5   | 1.5                | 3.1                                 | 1.2                          | 3.2               | 0.6               | 1.6   | 1.5   | 0.4                                    | -0.3                                   |
| 2017 Q1  | -0.8   | 0.4                 | 2.9  | 0.6                | -3.5                                | 2.3                          | 2.4               | 0.1               | -0.6  | -1.0  | 0.4                                    | 0.5                                    |
| Q2   | -0.1   | -0.1                | 1.1  | -0.1               | -0.2                                | -1.0                         | -0.3              | 0.4               | 0.5   | 1.4   | 0.1                                    | 0.3                                    |
| Q3   | 0.8  | 1.3                 | 2.9  | 1.3                | 1.4                                 | -0.5                         | -0.5              | 0.4               | 0.5   | -   | 0.7                                    | -                                      |
| <b>Previous estimates<sup>2</sup></b>                        |  |                     |  |                    |                                     |                              |                   |                   |   |   |  |  |
|  | A2CX   | A2CY                | A2DO   | A2DL               | A2DR                                | A2DS                         | A2DT              | A2DU              | A2DV  | A2DW  | A2DX                                   | A2DY                                   |
| 2015 Q1  | -1.8   | 0.3                 | 1.0  | -0.1               | 2.4                                 | 0.5                          | 1.6               | 0.1               | 1.0   | 0.1   | 0.2                                    | -0.4                                   |
| Q2   | 0.6  | 0.6                 | 8.8  | -0.6               | -2.2                                | 4.0                          | 0.7               | 0.6               | 1.0   | 1.1   | 0.4                                    | 0.4                                    |
| Q3   | -0.3   | -                   | 1.4  | -0.4               | 0.7                                 | -                            | -0.4              | 0.4               | 0.6   | 0.9   | 0.4                                    | -0.1                                   |
| Q4   | -1.3   | -0.4                | -3.1   | 0.1                | -1.8                                | 0.5                          | 1.2               | 0.7               | 1.3   | 0.5   | 0.6                                    | 0.8                                    |
| 2016 Q1  | -4.1   | -0.1                | -3.1   | -                  | 1.0                                 | 1.6                          | 0.5               | 0.8               | 1.9   | 1.3   | 0.4                                    | 0.4                                    |
| Q2   | -1.0   | 2.2                 | 2.2  | 1.6                | 5.7                                 | 2.4                          | 2.1               | 0.4               | 0.8   | 0.3   | 0.5                                    | 0.1                                    |
| Q3   | -0.2   | -0.5                | 5.0  | -0.7               | -3.8                                | 0.5                          | 0.5               | 0.7               | 1.1   | 2.4   | 0.2                                    | 0.4                                    |
| Q4   | 1.0  | 0.7                 | -8.8   | 1.3                | 3.4                                 | 1.0                          | 2.2               | 0.6               | 1.9   | 0.7   | 0.3                                    | 0.1                                    |
| 2017 Q1  | -0.3   | 0.3                 | 2.9  | 0.6                | -4.1                                | 2.0                          | 1.9               | 0.1               | -0.8  | -0.8  | 0.6                                    | 0.4                                    |
| Q2   | -0.1   | -0.3                | 0.6  | -0.3               | -0.3                                | -1.0                         | -0.5              | 0.4               | 0.9   | 1.2   | 0.1                                    | 0.3                                    |
| Q3   | 0.2  | 1.1                 | 2.1  | 1.1                | 1.1                                 | 0.7                          | -0.9              | 0.4               | 0.3   | -   | 0.6                                    | 0.2                                    |
| <b>Revisions</b>   |  |                     |  |                    |                                     |                              |                   |                   |   |   |  |  |
|  | ZZ4A   | ZZ4B                | ZZ4D   | ZZ4C               | ZZ4E                                | ZZ4F                         | ZZ4G              | ZZ4H              | ZZ4I  | ZZ4J  | ZZ4K                                   | ZZ4L                                   |
| 2015 Q1  | -  | -                   | -  | -                  | -                                   | -                            | -                 | -                 | -   | -   | -                                      | -                                      |
| Q2   | -  | -                   | -  | -                  | -                                   | -                            | -                 | -                 | -   | -   | -                                      | -                                      |
| Q3   | -  | -                   | -  | -                  | -                                   | -                            | -                 | -                 | -   | -   | -                                      | -                                      |
| Q4   | -  | -                   | -  | -                  | -                                   | -                            | -                 | -                 | -   | -   | -                                      | -                                      |
| 2016 Q1  | 0.1  | 0.1                 | 0.6  | -                  | 0.4                                 | -0.3                         | -0.1              | -                 | -0.4  | 0.2   | 0.3                                    | -0.1                                   |
| Q2   | -  | -0.1                | 0.2  | -0.2               | -0.1                                | 0.3                          | -0.5              | -0.1              | 0.1   | 0.1   | -                                      | -0.4                                   |
| Q3   | -  | -                   | 0.3  | 0.1                | -0.4                                | -0.2                         | 0.7               | 0.1               | 0.1   | 0.4   | 0.4                                    | -0.4                                   |
| Q4   | -0.3   | 0.1                 | 0.3  | 0.2                | -0.3                                | 0.2                          | 1.0               | -                 | -0.3  | 0.8   | 0.1                                    | -0.4                                   |
| 2017 Q1  | -0.5   | 0.1                 | -  | -                  | 0.6                                 | 0.3                          | 0.5               | -                 | 0.2   | -0.2  | -0.2                                   | 0.1                                    |
| Q2   | -  | 0.2                 | 0.5  | 0.2                | 0.1                                 | -                            | 0.2               | -                 | -0.4  | 0.2   | -                                      | -                                      |
| Q3   | 0.6  | 0.2                 | 0.8  | 0.2                | 0.3                                 | -1.2                         | 0.4               | -                 | 0.2   | -   | 0.1                                    | -0.2                                   |

1 Estimates are accurate to 1 decimal place

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

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



# AE Annex E - Output components of GDP- growths and revisions from previous estimate<sup>1,2</sup>, Chained Volume Measures

continued

Seasonally adjusted data

Reference year 2015

|   | Agri-<br>culture,<br>forestry,<br>and<br>fishing | Total<br>Production | Mining &<br>quarrying<br>inc oil<br>& gas<br>extract | Manu-<br>facturing | Electric,<br>gas,<br>steam &<br>air | Water<br>supply,<br>sewerage | Constr-<br>uction | Total<br>Services | Distri-<br>bution,<br>hotels &<br>restaurants | Transport,<br>storage<br>and<br>commu-<br>nications | Business<br>services<br>and<br>finance | Govern-<br>ment &<br>other<br>services |
|---|--|---------------------|--|--------------------|-------------------------------------|------------------------------|-------------------|-------------------|---|---|--|--|
| <b>Percentage growths, latest quarter on corresponding quarter of previous year</b> |  |                     |  |                    |                                     |                              |                   |                   |   |   |  |  |
| <b>Current estimates<sup>3</sup></b>  |  |                     |  |                    |                                     |                              |                   |                   |   |   |  |  |
|   | L3ZZ   | L426                | L427   | L42D               | L44C                                | L44G                         | L44M              | L44Q              | L47F  | KII2  | KIH9                                   | KIH8                                   |
| 2015 Q1   | 4.4  | 1.4                 | 1.3  | 1.4                | 4.4                                 | -1.9                         | 7.0               | 3.4               | 5.4   | 5.0   | 3.4                                    | 1.4                                    |
| Q2  | 2.8  | 1.8                 | 10.4   | 0.2                | 1.5                                 | 5.1                          | 5.7               | 2.9               | 4.9   | 4.7   | 2.6                                    | 1.2                                    |
| Q3  | 0.7  | 1.2                 | 13.1   | -0.7               | -1.0                                | 5.7                          | 2.2               | 2.3               | 4.5   | 3.9   | 2.1                                    | 0.5                                    |
| Q4  | -2.8   | 0.5                 | 7.9  | -0.9               | -0.9                                | 5.0                          | 3.0               | 1.8               | 4.0   | 2.6   | 1.5                                    | 0.6                                    |
| 2016 Q1   | -5.0   | 0.1                 | 4.2  | -0.8               | -1.9                                | 5.9                          | 1.8               | 2.5               | 4.5   | 4.0   | 2.1                                    | 1.3                                    |
| Q2  | -6.5   | 1.7                 | -1.9   | 1.2                | 5.9                                 | 4.5                          | 2.8               | 2.3               | 4.3   | 3.3   | 2.2                                    | 0.6                                    |
| Q3  | -6.4   | 1.2                 | 1.8  | 0.9                | 0.7                                 | 4.9                          | 4.5               | 2.7               | 4.9   | 5.2   | 2.3                                    | 0.7                                    |
| Q4  | -4.4   | 2.4                 | -3.8   | 2.3                | 5.7                                 | 5.6                          | 6.5               | 2.5               | 5.2   | 6.3   | 2.2                                    | -0.4                                   |
| 2017 Q1   | -1.3   | 2.8                 | 1.6  | 2.9                | 0.6                                 | 6.5                          | 8.6               | 1.8               | 3.0   | 3.6   | 1.9                                    | -0.2                                   |
| Q2  | -0.4   | 0.6                 | 0.2  | 1.4                | -5.0                                | 2.8                          | 6.6               | 1.8               | 2.7   | 4.6   | 1.5                                    | 0.4                                    |
| Q3  | 0.6  | 2.4                 | -2.1   | 3.3                | 0.6                                 | 2.0                          | 4.8               | 1.4               | 2.0   | 1.8   | 1.6                                    | 0.4                                    |
| <b>Previous estimates<sup>2</sup></b>   |  |                     |  |                    |                                     |                              |                   |                   |   |   |  |  |
|   | A2DZ   | A2E2                | A2E4   | A2E3               | A2E5                                | A2EE                         | A2EK              | A2EL              | A2EM  | A2EN  | A2EO                                   | A2EP                                   |
| 2015 Q1   | 4.4  | 1.4                 | 1.3  | 1.4                | 4.4                                 | -1.9                         | 7.0               | 3.4               | 5.4   | 5.0   | 3.4                                    | 1.4                                    |
| Q2  | 2.8  | 1.8                 | 10.4   | 0.2                | 1.5                                 | 5.1                          | 5.7               | 2.9               | 4.9   | 4.7   | 2.6                                    | 1.2                                    |
| Q3  | 0.7  | 1.2                 | 13.1   | -0.7               | -1.0                                | 5.7                          | 2.2               | 2.3               | 4.5   | 3.9   | 2.1                                    | 0.5                                    |
| Q4  | -2.8   | 0.5                 | 7.9  | -0.9               | -0.9                                | 5.0                          | 3.0               | 1.8               | 4.0   | 2.6   | 1.5                                    | 0.6                                    |
| 2016 Q1   | -5.1   | -                   | 3.6  | -0.8               | -2.3                                | 6.2                          | 2.0               | 2.5               | 4.8   | 3.8   | 1.8                                    | 1.5                                    |
| Q2  | -6.7   | 1.6                 | -2.8   | 1.3                | 5.5                                 | 4.5                          | 3.4               | 2.3               | 4.6   | 3.1   | 1.9                                    | 1.1                                    |
| Q3  | -6.5   | 1.2                 | 0.7  | 1.0                | 0.9                                 | 5.0                          | 4.3               | 2.7               | 5.1   | 4.6   | 1.7                                    | 1.7                                    |
| Q4  | -4.4   | 2.3                 | -5.2   | 2.2                | 6.2                                 | 5.5                          | 5.4               | 2.5               | 5.7   | 4.8   | 1.5                                    | 1.0                                    |
| 2017 Q1   | -0.6   | 2.6                 | 0.7  | 2.8                | 0.9                                 | 5.9                          | 6.9               | 1.8               | 2.9   | 2.6   | 1.7                                    | 1.0                                    |
| Q2  | 0.4  | 0.2                 | -0.9   | 0.9                | -4.8                                | 2.4                          | 4.1               | 1.8               | 3.1   | 3.4   | 1.3                                    | 1.1                                    |
| Q3  | 0.8  | 1.8                 | -3.6   | 2.7                | -                                   | 2.6                          | 2.6               | 1.4               | 2.2   | 1.0   | 1.6                                    | 0.9                                    |
| <b>Revisions</b>  |  |                     |  |                    |                                     |                              |                   |                   |   |   |  |  |
|   | ZZ4N   | ZZ4O                | ZZ4Q   | ZZ4P               | ZZ4R                                | ZZ4S                         | ZZ4T              | ZZ4U              | ZZ4V  | ZZ4W  | ZZ4X                                   | ZZ4Y                                   |
| 2015 Q1   | -  | -                   | -  | -                  | -                                   | -                            | -                 | -                 | -   | -   | -                                      | -                                      |
| Q2  | -  | -                   | -  | -                  | -                                   | -                            | -                 | -                 | -   | -   | -                                      | -                                      |
| Q3  | -  | -                   | -  | -                  | -                                   | -                            | -                 | -                 | -   | -   | -                                      | -                                      |
| Q4  | -  | -                   | -  | -                  | -                                   | -                            | -                 | -                 | -   | -   | -                                      | -                                      |
| 2016 Q1   | 0.1  | 0.1                 | 0.6  | -                  | 0.4                                 | -0.3                         | -0.2              | -                 | -0.3  | 0.2   | 0.3                                    | -0.2                                   |
| Q2  | 0.2  | 0.1                 | 0.9  | -0.1               | 0.4                                 | -                            | -0.6              | -                 | -0.3  | 0.2   | 0.3                                    | -0.5                                   |
| Q3  | 0.1  | -                   | 1.1  | -0.1               | -0.2                                | -0.1                         | 0.2               | -                 | -0.2  | 0.6   | 0.6                                    | -1.0                                   |
| Q4  | -  | 0.1                 | 1.4  | 0.1                | -0.5                                | 0.1                          | 1.1               | -                 | -0.5  | 1.5   | 0.7                                    | -1.4                                   |
| 2017 Q1   | -0.7   | 0.2                 | 0.9  | 0.1                | -0.3                                | 0.6                          | 1.7               | -                 | 0.1   | 1.0   | 0.2                                    | -1.2                                   |
| Q2  | -0.8   | 0.4                 | 1.1  | 0.5                | -0.2                                | 0.4                          | 2.5               | -                 | -0.4  | 1.2   | 0.2                                    | -0.7                                   |
| Q3  | -0.2   | 0.6                 | 1.5  | 0.6                | 0.6                                 | -0.6                         | 2.2               | -                 | -0.2  | 0.8   | -                                      | -0.5                                   |

1 Estimates are accurate to 1 decimal place

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

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

# AF Annex F - Expenditure components of GDP- growths and revisions from previous estimate<sup>1,2</sup>, Chained Volume Measures

Seasonally adjusted data

Reference year 2015

|  | Final consumption expenditure |                                      |                    |                         |                               |                     |               |                    |
|--|-------------------------------|--------------------------------------|--------------------|-------------------------|-------------------------------|---------------------|---------------|--------------------|
|  | Households                    | Non-profit institutions <sup>3</sup> | General government | Gross Capital Formation | Gross Fixed Capital Formation | Business investment | Total exports | less Total imports |
| <b>Percentage change, latest year on previous year</b>       |                               |                                      |                    |                         |                               |                     |               |                    |
| <b>Current estimates<sup>4</sup></b>                         |                               |                                      |                    |                         |                               |                     |               |                    |
|  | KGZ5                          | KH26                                 | KH2I               | ZZ6H                    | KG7N                          | KG7M                | KH2U          | KH3N               |
| 2014   | 2.2                           | 1.5                                  | 2.5                | 10.9                    | 7.1                           | 5.1                 | 2.7           | 4.5                |
| 2015   | 2.7                           | -0.8                                 | 0.6                | 4.1                     | 2.8                           | 3.7                 | 5.0           | 5.1                |
| 2016   | 3.1                           | -0.1                                 | 0.8                | 0.9                     | 1.8                           | -0.5                | 2.3           | 4.8                |
| <b>Previous estimates<sup>2</sup></b>                        |                               |                                      |                    |                         |                               |                     |               |                    |
|  | A275                          | A276                                 | A289               | A28J                    | A28L                          | A29D                | A29F          | A2CK               |
| 2014   | 2.2                           | 1.5                                  | 2.5                | 10.9                    | 7.1                           | 5.1                 | 2.7           | 4.5                |
| 2015   | 2.7                           | -0.8                                 | 0.6                | 4.1                     | 2.8                           | 3.7                 | 5.0           | 5.1                |
| 2016   | 2.9                           | 0.6                                  | 1.1                | 0.8                     | 1.3                           | -0.4                | 1.1           | 4.3                |
| <b>Revisions</b>   |                               |                                      |                    |                         |                               |                     |               |                    |
|  | ZZ83                          | ZZ84                                 | ZZ85               | ZZ86                    | ZZ87                          | ZZ88                | ZZ89          | ZZ8A               |
| 2014   | -                             | -                                    | -                  | -                       | -                             | -                   | -             | -                  |
| 2015   | -                             | -                                    | -                  | -                       | -                             | -                   | -             | -                  |
| 2016   | 0.2                           | -0.7                                 | -0.3               | 0.1                     | 0.5                           | -0.1                | 1.2           | 0.5                |
| <b>Percentage change, latest quarter on previous quarter</b> |                               |                                      |                    |                         |                               |                     |               |                    |
| <b>Current estimates<sup>4</sup></b>                         |                               |                                      |                    |                         |                               |                     |               |                    |
|  | KGZ6                          | KH27                                 | KH2J               | ZZ5H                    | KG7Q                          | KG7P                | KH2V          | KH3O               |
| 2015 Q1  | 1.0                           | -0.6                                 | -                  | 0.8                     | 2.8                           | 5.2                 | -             | 1.3                |
| Q2   | 0.7                           | 0.7                                  | 0.6                | -5.9                    | 1.4                           | 0.1                 | 2.0           | -1.5               |
| Q3   | 1.0                           | -1.2                                 | 0.3                | 1.7                     | -3.1                          | -3.3                | -1.0          | 0.8                |
| Q4   | 0.4                           | 1.3                                  | -0.4               | 5.7                     | 0.1                           | 0.1                 | 1.9           | 3.2                |
| 2016 Q1  | 0.8                           | -0.5                                 | 1.0                | -1.8                    | 0.7                           | -                   | -1.5          | 0.2                |
| Q2   | 1.1                           | -                                    | -0.3               | -4.4                    | 2.0                           | 0.7                 | 2.8           | 1.0                |
| Q3   | 0.8                           | -0.1                                 | -                  | 8.8                     | 1.1                           | 1.3                 | -1.8          | 3.3                |
| Q4   | 0.3                           | -0.1                                 | -                  | -6.3                    | 0.7                           | -0.1                | 5.2           | -1.0               |
| 2017 Q1  | 0.1                           | 0.1                                  | 0.1                | 3.0                     | 0.5                           | 0.8                 | 0.4           | 1.0                |
| Q2   | 0.2                           | 0.1                                  | 0.4                | -1.1                    | 1.0                           | 0.5                 | 1.8           | 0.4                |
| Q3   | 0.5                           | -                                    | -0.2               | 0.8                     | 0.3                           | 0.5                 | 0.8           | 0.9                |
| <b>Previous estimates<sup>2</sup></b>                        |                               |                                      |                    |                         |                               |                     |               |                    |
|  | A24M                          | A24X                                 | A24Y               | A25I                    | A25J                          | A25M                | A264          | A268               |
| 2015 Q1  | 1.0                           | -0.6                                 | -                  | 0.8                     | 2.8                           | 5.2                 | -             | 1.3                |
| Q2   | 0.7                           | 0.7                                  | 0.6                | -5.9                    | 1.4                           | 0.1                 | 2.0           | -1.5               |
| Q3   | 1.0                           | -1.2                                 | 0.3                | 1.7                     | -3.1                          | -3.3                | -1.0          | 0.8                |
| Q4   | 0.4                           | 1.3                                  | -0.4               | 5.7                     | 0.1                           | 0.1                 | 1.9           | 3.2                |
| 2016 Q1  | 0.8                           | 0.2                                  | 1.0                | -1.4                    | 0.6                           | -0.1                | -2.4          | -0.1               |
| Q2   | 0.9                           | 0.4                                  | -0.1               | -3.9                    | 1.9                           | 0.9                 | 2.5           | 0.8                |
| Q3   | 0.6                           | -0.9                                 | -                  | 8.1                     | 0.8                           | 1.4                 | -1.9          | 3.0                |
| Q4   | 0.4                           | -                                    | 0.2                | -8.4                    | 0.4                           | -0.1                | 5.4           | -0.7               |
| 2017 Q1  | 0.4                           | 0.3                                  | 0.2                | 2.6                     | 0.5                           | 0.8                 | -0.3          | 1.0                |
| Q2   | 0.2                           | 0.4                                  | 0.1                | -1.8                    | 0.6                           | 0.5                 | 1.7           | 0.2                |
| Q3   | 0.6                           | 0.2                                  | 0.3                | 3.0                     | 0.2                           | 0.2                 | -0.7          | 1.1                |
| <b>Revisions</b>   |                               |                                      |                    |                         |                               |                     |               |                    |
|  | ZZ7L                          | ZZ7M                                 | ZZ7N               | ZZ7O                    | ZZ7P                          | ZZ7Q                | ZZ7R          | ZZ7S               |
| 2015 Q1  | -                             | -                                    | -                  | -                       | -                             | -                   | -             | -                  |
| Q2   | -                             | -                                    | -                  | -                       | -                             | -                   | -             | -                  |
| Q3   | -                             | -                                    | -                  | -                       | -                             | -                   | -             | -                  |
| Q4   | -                             | -                                    | -                  | -                       | -                             | -                   | -             | -                  |
| 2016 Q1  | -                             | -0.7                                 | -                  | -0.4                    | 0.1                           | 0.1                 | 0.9           | 0.3                |
| Q2   | 0.2                           | -0.4                                 | -0.2               | -0.5                    | 0.1                           | -0.2                | 0.3           | 0.2                |
| Q3   | 0.2                           | 0.8                                  | -                  | 0.7                     | 0.3                           | -0.1                | 0.1           | 0.3                |
| Q4   | -0.1                          | -0.1                                 | -0.2               | 2.1                     | 0.3                           | -                   | -0.2          | -0.3               |
| 2017 Q1  | -0.3                          | -0.2                                 | -0.1               | 0.4                     | -                             | -                   | 0.7           | -                  |
| Q2   | -                             | -0.3                                 | 0.3                | 0.7                     | 0.4                           | -                   | 0.1           | 0.2                |
| Q3   | -0.1                          | -0.2                                 | -0.5               | -2.2                    | 0.1                           | 0.3                 | 1.5           | -0.2               |

1 Estimates are accurate to 1 decimal place

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

3 Non-profit institutions serving households

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

# AF Annex F - Expenditure components of GDP- growths and revisions from previous estimate<sup>1,2</sup>, Chained Volume Measures

continued Seasonally adjusted data

Reference year 2015

|  | Final consumption expenditure |                         |                    |                         |                               |                     |               | less Total imports |
|--|-------------------------------|-------------------------|--------------------|-------------------------|-------------------------------|---------------------|---------------|--------------------|
|  | Households                    | Non-profit institutions | General government | Gross capital formation | Gross fixed capital formation | Business investment | Total exports |                    |
| <b>Percentage change, latest quarter on corresponding quarter of the previous year</b> |                               |                         |                    |                         |                               |                     |               |                    |
| <b>Current estimates<sup>3</sup></b>   |                               |                         |                    |                         |                               |                     |               |                    |
|  | KGZ7                          | KH28                    | KH2K               | ZZ5Y                    | KG7T                          | KG7S                | KH2W          | KH3P               |
| 2015 Q1  | 2.4                           | -1.7                    | 0.9                | 7.7                     | 4.8                           | 8.0                 | 6.9           | 7.1                |
| Q2   | 2.8                           | -0.3                    | 0.5                | 5.1                     | 4.9                           | 4.0                 | 5.0           | 5.4                |
| Q3   | 2.5                           | -1.4                    | 0.5                | 1.8                     | 0.4                           | 1.1                 | 5.3           | 4.4                |
| Q4   | 3.2                           | 0.2                     | 0.6                | 1.9                     | 1.1                           | 2.0                 | 2.8           | 3.7                |
| 2016 Q1  | 2.9                           | 0.2                     | 1.6                | -0.6                    | -0.9                          | -3.1                | 1.3           | 2.6                |
| Q2   | 3.3                           | -0.5                    | 0.7                | 0.9                     | -0.4                          | -2.6                | 2.1           | 5.3                |
| Q3   | 3.1                           | 0.6                     | 0.4                | 8.0                     | 4.0                           | 2.1                 | 1.3           | 7.9                |
| Q4   | 3.0                           | -0.8                    | 0.7                | -4.2                    | 4.6                           | 1.9                 | 4.6           | 3.6                |
| 2017 Q1  | 2.4                           | -0.2                    | -0.1               | 0.4                     | 4.3                           | 2.7                 | 6.6           | 4.4                |
| Q2   | 1.4                           | -0.1                    | 0.6                | 3.9                     | 3.3                           | 2.5                 | 5.5           | 3.8                |
| Q3   | 1.0                           | 0.1                     | 0.3                | -3.7                    | 2.4                           | 1.7                 | 8.3           | 1.3                |
| <b>Previous estimates<sup>2</sup></b>  |                               |                         |                    |                         |                               |                     |               |                    |
|  | A26C                          | A26H                    | A26I               | A26J                    | A26K                          | A26L                | A26M          | A26N               |
| 2015 Q1  | 2.4                           | -1.7                    | 0.9                | 7.7                     | 4.8                           | 8.0                 | 6.9           | 7.1                |
| Q2   | 2.8                           | -0.3                    | 0.5                | 5.1                     | 4.9                           | 4.0                 | 5.0           | 5.4                |
| Q3   | 2.5                           | -1.4                    | 0.5                | 1.8                     | 0.4                           | 1.1                 | 5.3           | 4.4                |
| Q4   | 3.2                           | 0.2                     | 0.6                | 1.9                     | 1.1                           | 2.0                 | 2.8           | 3.7                |
| 2016 Q1  | 2.9                           | 0.9                     | 1.6                | -0.3                    | -1.1                          | -3.2                | 0.3           | 2.3                |
| Q2   | 3.2                           | 0.7                     | 0.9                | 1.8                     | -0.6                          | -2.5                | 0.8           | 4.8                |
| Q3   | 2.7                           | 1.1                     | 0.6                | 8.2                     | 3.5                           | 2.2                 | -0.2          | 7.0                |
| Q4   | 2.7                           | -0.2                    | 1.1                | -6.2                    | 3.7                           | 2.0                 | 3.3           | 3.0                |
| 2017 Q1  | 2.3                           | -0.1                    | 0.3                | -2.4                    | 3.7                           | 2.9                 | 5.6           | 4.1                |
| Q2   | 1.6                           | -0.2                    | 0.5                | -0.3                    | 2.4                           | 2.5                 | 4.9           | 3.4                |
| Q3   | 1.6                           | 0.9                     | 0.8                | -5.0                    | 1.8                           | 1.3                 | 6.2           | 1.5                |
| <b>Revisions</b>   |                               |                         |                    |                         |                               |                     |               |                    |
|  | ZZ7T                          | ZZ7U                    | ZZ7V               | ZZ7W                    | ZZ7X                          | ZZ7Y                | ZZ7Z          | ZZ82               |
| 2015 Q1  | -                             | -                       | -                  | -                       | -                             | -                   | -             | -                  |
| Q2   | -                             | -                       | -                  | -                       | -                             | -                   | -             | -                  |
| Q3   | -                             | -                       | -                  | -                       | -                             | -                   | -             | -                  |
| Q4   | -                             | -                       | -                  | -                       | -                             | -                   | -             | -                  |
| 2016 Q1  | -                             | -0.7                    | -                  | -0.3                    | 0.2                           | 0.1                 | 1.0           | 0.3                |
| Q2   | 0.1                           | -1.2                    | -0.2               | -0.9                    | 0.2                           | -0.1                | 1.3           | 0.5                |
| Q3   | 0.4                           | -0.5                    | -0.2               | -0.2                    | 0.5                           | -0.1                | 1.5           | 0.9                |
| Q4   | 0.3                           | -0.6                    | -0.4               | 2.0                     | 0.9                           | -0.1                | 1.3           | 0.6                |
| 2017 Q1  | 0.1                           | -0.1                    | -0.4               | 2.8                     | 0.6                           | -0.2                | 1.0           | 0.3                |
| Q2   | -0.2                          | 0.1                     | 0.1                | 4.2                     | 0.9                           | -                   | 0.6           | 0.4                |
| Q3   | -0.6                          | -0.8                    | -0.5               | 1.3                     | 0.6                           | 0.4                 | 2.1           | -0.2               |

1 Estimates are accurate to 1 decimal place

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

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

# AG Annex G - Income components of GDP- growths and revisions from previous estimate<sup>1,2</sup>, Current Price

Seasonally adjusted data

|  | Compensation of employees | Gross operating surplus of corporations | Other income | Taxes on products & production less subsidies |
|--|---------------------------|---|--------------|---|
| <b>Percentage change, latest year on previous year</b>       |                           |   |              |   |
| <b>Current estimates<sup>3</sup></b>                         |                           |   |              |   |
|  | KGI3                      | KH4V                                    | KH6T         | KH65  |
| 2014   | 2.1                       | 9.6                                     | 6.8          | 5.0   |
| 2015   | 3.1                       | 0.3                                     | 5.4          | 2.8   |
| 2016   | 4.2                       | 2.6                                     | 4.0          | 4.2   |
| <b>Previous estimates<sup>2</sup></b>                        |                           |   |              |   |
|  | A2CT                      | A2CU                                    | A2CV         | A2CW  |
| 2014   | 2.1                       | 9.6                                     | 6.8          | 5.0   |
| 2015   | 3.1                       | 0.3                                     | 5.4          | 2.8   |
| 2016   | 4.0                       | 2.5                                     | 3.9          | 4.2   |
| <b>Revisions</b>   |                           |   |              |   |
|  | ZZ8J                      | ZZ8K                                    | ZZ8L         | ZZ8M  |
| 2014   | –                         | –                                       | –            | –   |
| 2015   | –                         | –                                       | –            | –   |
| 2016   | 0.2                       | 0.1                                     | 0.1          | –   |
| <b>Percentage change, latest quarter on previous quarter</b> |                           |   |              |   |
| <b>Current estimates<sup>3</sup></b>                         |                           |   |              |   |
|  | KGI4                      | KH4W                                    | KH6U         | KH66  |
| 2015 Q1  | 0.5                       | 1.3                                     | 1.4          | –1.6  |
| Q2   | 0.8                       | 2.0                                     | 1.9          | 3.2   |
| Q3   | 0.7                       | –3.7                                    | 2.1          | 1.0   |
| Q4   | 0.9                       | –0.4                                    | –0.2         | 0.4   |
| 2016 Q1  | 0.2                       | 5.0                                     | 0.7          | 1.0   |
| Q2   | 2.4                       | –2.6                                    | 2.1          | 1.2   |
| Q3   | 1.4                       | 1.3                                     | 0.6          | 0.1   |
| Q4   | 0.6                       | 2.8                                     | 0.3          | 2.2   |
| 2017 Q1  | 0.8                       | 2.1                                     | –            | –1.2  |
| Q2   | 1.0                       | –0.8                                    | 0.7          | 1.7   |
| Q3   | 0.7                       | 0.1                                     | 0.3          | 1.8   |
| <b>Previous estimates<sup>2</sup></b>                        |                           |   |              |   |
|  | A2CL                      | A2CM                                    | A2CN         | A2CO  |
| 2015 Q1  | 0.5                       | 1.3                                     | 1.4          | –1.6  |
| Q2   | 0.8                       | 2.0                                     | 1.9          | 3.2   |
| Q3   | 0.7                       | –3.7                                    | 2.1          | 1.0   |
| Q4   | 0.9                       | –0.4                                    | –0.2         | 0.4   |
| 2016 Q1  | 0.1                       | 5.0                                     | 0.6          | 0.9   |
| Q2   | 2.3                       | –1.7                                    | 2.1          | 1.3   |
| Q3   | 1.6                       | –0.3                                    | 0.5          | 0.3   |
| Q4   | 0.6                       | 2.8                                     | 0.2          | 2.0   |
| 2017 Q1  | 0.8                       | 2.3                                     | 0.2          | –1.1  |
| Q2   | 1.0                       | –0.2                                    | 0.7          | 1.2   |
| Q3   | 0.7                       | 0.6                                     | 0.2          | 1.4   |
| <b>Revisions</b>   |                           |   |              |   |
|  | ZZ8B                      | ZZ8C                                    | ZZ8D         | ZZ8E  |
| 2015 Q1  | –                         | –                                       | –            | –   |
| Q2   | –                         | –                                       | –            | –   |
| Q3   | –                         | –                                       | –            | –   |
| Q4   | –                         | –                                       | –            | –   |
| 2016 Q1  | 0.1                       | –                                       | 0.1          | 0.1   |
| Q2   | 0.1                       | –0.9                                    | –            | –0.1  |
| Q3   | –0.2                      | 1.6                                     | 0.1          | –0.2  |
| Q4   | –                         | –                                       | 0.1          | 0.2   |
| 2017 Q1  | –                         | –0.2                                    | –0.2         | –0.1  |
| Q2   | –                         | –0.6                                    | –            | 0.5   |
| Q3   | –                         | –0.5                                    | 0.1          | 0.4   |

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 refer to estimates from the Second Estimate of GDP

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

# AG Annex G - Income components of GDP- growths and revisions from previous estimate<sup>1,2</sup>, Current Price

continued

Seasonally adjusted data

|  | Compen-<br>sation of<br>employees | Gross operating<br>surplus of<br>corporations | Other income | Taxes on products<br>& production<br>less subsidies |
|--|-----------------------------------|---|--------------|---|
| <b>Percentage change, latest quarter on corresponding quarter of previous year</b> |                                   |   |              |   |
| <b>Current estimates<sup>3</sup></b>   |                                   |   |              |   |
|  | KGI5                              | KH4X  | KH6V         | KH67  |
| 2015 Q1  | 2.6                               | 4.7   | 5.4          | 1.0   |
| Q2   | 3.5                               | 2.0   | 4.2          | 2.6   |
| Q3   | 3.3                               | -4.3  | 6.5          | 4.4   |
| Q4   | 2.9                               | -0.9  | 5.3          | 2.9   |
| 2016 Q1  | 2.6                               | 2.7   | 4.6          | 5.7   |
| Q2   | 4.3                               | -1.9  | 4.7          | 3.7   |
| Q3   | 5.0                               | 3.2   | 3.1          | 2.9   |
| Q4   | 4.8                               | 6.5   | 3.7          | 4.7   |
| 2017 Q1  | 5.4                               | 3.6   | 3.0          | 2.3   |
| Q2   | 3.9                               | 5.4   | 1.6          | 2.8   |
| Q3   | 3.2                               | 4.2   | 1.2          | 4.5   |
| <b>Previous estimates<sup>2</sup></b>  |                                   |   |              |   |
|  | A2CP                              | A2CQ  | A2CR         | A2CS  |
| 2015 Q1  | 2.6                               | 4.7   | 5.4          | 1.0   |
| Q2   | 3.5                               | 2.0   | 4.2          | 2.6   |
| Q3   | 3.3                               | -4.3  | 6.5          | 4.4   |
| Q4   | 2.9                               | -0.9  | 5.3          | 2.9   |
| 2016 Q1  | 2.5                               | 2.7   | 4.5          | 5.6   |
| Q2   | 4.0                               | -1.0  | 4.7          | 3.7   |
| Q3   | 5.0                               | 2.5   | 3.0          | 3.0   |
| Q4   | 4.7                               | 5.8   | 3.5          | 4.6   |
| 2017 Q1  | 5.4                               | 3.1   | 3.0          | 2.5   |
| Q2   | 4.1                               | 4.7   | 1.6          | 2.4   |
| Q3   | 3.2                               | 5.6   | 1.3          | 3.6   |
| <b>Revisions</b>   |                                   |   |              |   |
|  | ZZ8F                              | ZZ8G  | ZZ8H         | ZZ8I  |
| 2015 Q1  | -                                 | -   | -            | -   |
| Q2   | -                                 | -   | -            | -   |
| Q3   | -                                 | -   | -            | -   |
| Q4   | -                                 | -   | -            | -   |
| 2016 Q1  | 0.1                               | -   | 0.1          | 0.1   |
| Q2   | 0.3                               | -0.9  | -            | -   |
| Q3   | -                                 | 0.7   | 0.1          | -0.1  |
| Q4   | 0.1                               | 0.7   | 0.2          | 0.1   |
| 2017 Q1  | -                                 | 0.5   | -            | -0.2  |
| Q2   | -0.2                              | 0.7   | -            | 0.4   |
| Q3   | -                                 | -1.4  | -0.1         | 0.9   |

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 refer to estimates from the Second Estimate of GDP

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