

Statistical bulletin

Gross domestic product, preliminary estimate: October to December 2017

Preliminary estimate for gross domestic product (GDP) containing constant price gross value added (GVA) data for the UK. Data are available by industrial sector.



Release date: 26 January 2018

Next release: 22 February 2018

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1. Main points

- UK gross domestic product (GDP) was estimated to have increased by 0.5% in Quarter 4 (Oct to Dec) 2017, compared with 0.4% in Quarter 3 (July to Sept) 2017.
- The dominant services sector, driven by business services and finance, increased by 0.6% compared with the previous quarter, although the longer-term trend continues to show a weakening in services growth.
- Production industries grew by 0.6%, boosted by the second consecutive quarter of strong growth in manufacturing.
- Growth in manufacturing was partially offset in total production by a significant fall in oil and gas extraction, caused by the well-publicised repair work made to the Forties pipeline.
- Construction contracted for the third quarter in a row, although annual growth between 2016 and 2017 was very strong at 5.1%, due to a strong start to 2017.
- GDP was estimated to have increased by 1.8% between 2016 and 2017, slightly below the 1.9% growth seen between 2015 and 2016.

2. New model for publishing GDP

We published a response to the consultation on proposed changes to the Gross domestic product (GDP) release schedule on 19 October 2017. <u>Further details on this response</u> are available on our Consultation Hub.

In summary, an estimate of monthly GDP will be published on 10 July 2018 (for the reference period of May) and there will be two quarterly estimates of GDP per quarter rather than the current three; the preliminary estimate of GDP will be deferred by around two weeks and the second estimate of GDP will be brought forward by two weeks to form the new first estimate, meaning the income and expenditure approaches to GDP will be made available earlier than presently. The first estimate of quarterly GDP (for Quarter 2 (Apr to June) 2018) under this new model will be published on 10 August 2018.

3. Things you need to know about this release

Change in gross domestic product (GDP) is the main indicator of economic growth. The preliminary estimate of GDP is based solely on the output approach to measuring GDP.

The output approach measures gross value added (GVA) at a detailed industry level before aggregating to produce an estimate for the whole economy. GDP (as measured by the output approach) can then be calculated by adding taxes and subtracting subsidies (both only available at whole economy level) to this estimate of total GVA. However, as there is no information available on taxes and subsidies at this stage, the quarterly growth for output GVA is taken as a proxy for GDP growth (more information on creating the preliminary estimate of GDP is available on our methodology page).

The preliminary estimate is the first of three estimates of GDP published by the Office for National Statistics, followed by the <u>second estimate</u> and the <u>quarterly national accounts</u>. In the second estimate of GDP and the quarterly national accounts, the output GVA and GDP estimates are balanced with the equivalent income and expenditure approaches to produce headline estimates of GVA and GDP. Further information on all three approaches to measuring GDP can be found in the <u>national accounts</u>.

All data in this bulletin are seasonally adjusted, chained volume estimates and have had the effect of price changes removed (in other words, the data are deflated).

The growth estimates within this release are created from short-term measures of output and should be considered alongside medium- and long-term patterns in the series to give a more comprehensive picture. At this stage, data content is less than half of the total required for the final output estimate. The estimate is subject to revision as more data become available, but these revisions are typically small between the preliminary and third estimates of GDP, with no upward or downward bias to these revisions. More information on the data content and the monthly path of the components of the output measure of GDP are included in section 6.

In accordance with National Accounts Revisions Policy, there are no periods open for revision in this release.

4 . Gross domestic product (GDP) main figures

Table 1 shows data for gross domestic product (GDP), GDP per head and each of the main industry aggregates for Quarter 4 (Oct to Dec) 2017.

Table 1: Gross domestic product (GDP) main figures

UK, Quarter 4 2017

		Percentage Change				
		Most recent	Most recent			
	Weights per	quarter on a	quarter on the			
Description	1000 ¹	year earlier	previous quarter			
GDP	1000	1.5	0.5			
GDP per head	•••	0.9	0.4			
Agriculture	7	-0.6	-0.4			
Production	140	2.3	0.6			
Manufacturing 2	101	3.1	1.3			
Construction	61	0.6	-1.0			
Services	793	1.4	0.6			

Source: Office for National Statistics

Notes:

- 1. Components may not sum due to rounding.
- 2. Manufacturing is a component of the production aggregate.
- 3. No data represented by ...

Table 2 shows the annual growths for GDP and each of the main industry aggregates for 2016 and 2017.

Table 2: Annual growths for gross domestic product (GDP)

UK, 2016 and 2017

Percentage Change

	2016	2017
Description	Annual growth	Annual growth
GDP	1.9	1.8
GDP per head	1.1	1.2
Agriculture	-5.6	-0.4
Production	1.3	2
Manufacturing ¹	0.9	2.7
Construction	3.9	5.1
Services	2.5	1.6

Source: Office for National Statistics

Notes:

Figure 1 shows the seasonally adjusted volume series for GDP, along with quarter-on-quarter growths, over the past decade. Following growth of 0.5% in Quarter 4 2017, GDP has grown for 20 consecutive quarters.

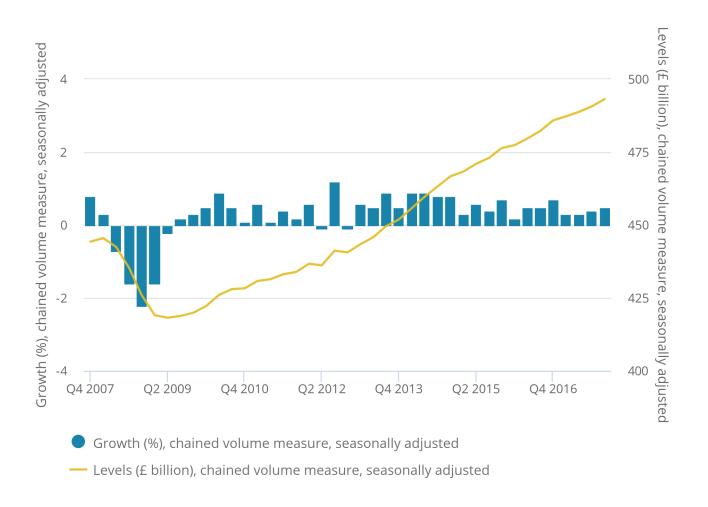
^{1.} Manufacturing is a component of the production aggregate.

Figure 1: Seasonally adjusted GDP(£ billions) and quarter on quarter growths

UK, Quarter 4 (Oct to Dec) 2007 to Quarter 4 (Oct to Dec) 2017

Figure 1: Seasonally adjusted GDP(£ billions) and quarter on quarter growths

UK, Quarter 4 (Oct to Dec) 2007 to Quarter 4 (Oct to Dec) 2017



Source: Office for National Statistics

Notes:

- 1. Growth rates are calculated using unrounded data.
- 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), Q4 refers to Quarter 4 (Oct to Dec).

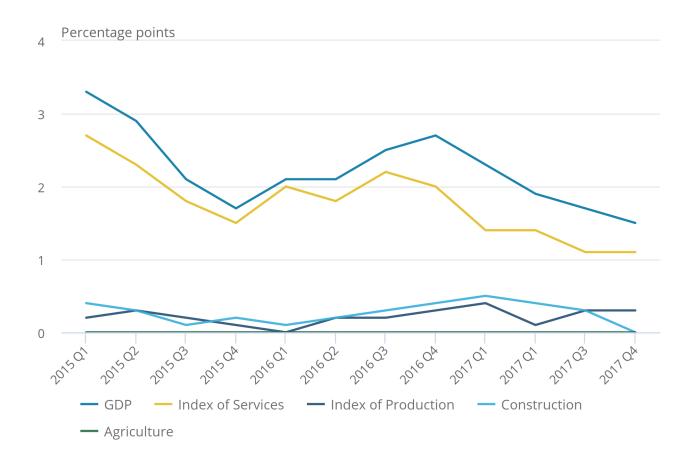
Figure 2 shows the contributions of the main industry aggregates to GDP quarter on the same quarter a year ago growth, along with GDP growth itself. This highlights how the underlying picture, over the period shown, has been broadly one of slowing growth of total GDP, as well as the services and construction industries. However, production growth, largely driven by manufacturing, has remained more stable.

Figure 2: Contribution to output gross domestic product 1, quarter on quarter a year earlier

UK, Quarter 1 (Jan to Mar) 2015 to Quarter 4 (Oct to Dec) 2017

Figure 2: Contribution to output gross domestic product^1^, quarter on quarter a year earlier

UK, Quarter 1 (Jan to Mar) 2015 to Quarter 4 (Oct to Dec) 2017



Source: Office for National Statistics

Notes:

1. Estimates are based on output GDP (based on market prices) to ensure additivity is consistent between GDP and its components.

5. Services and production grew while construction continued to contract slowly

In Quarter 4 (Oct to Dec) 2017, UK gross domestic product (GDP) was estimated to have increased by 0.5%. The services aggregate was the main driver of the growth in GDP, growing by 0.6% and contributing 0.45 percentage points.

Production continued to grow, driven mainly by rising manufacturing, with a rise of 0.6% in Quarter 4 2017, contributing 0.09 percentage points to GDP. However, construction contracted by 1.0%, contributing negative 0.06 percentage points. Agriculture also contracted by 0.4% and contributed 0.00 percentage points due to its low industry weight.

Services

Services grew by 0.6% in Quarter 4 2017, up from 0.4% growth in the previous quarter. All four sectors within services experienced growth this quarter.

Despite services growth in the most recent quarter, quarterly growth compared with the same quarter a year ago showed a weakening, particularly in the more domestic consumer-facing type sectors. Here, domestic consumer-facing industries are broadly considered to be those in distribution, hotels and catering, and transport, storage and communications (Figure 3).

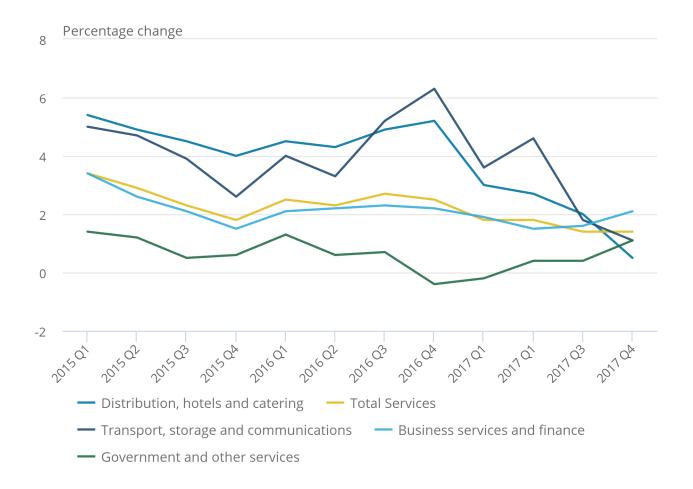
There has been weakening in a number of industries within these broader sectors, but most notably within accommodation, motor trades and motion pictures. However, in the case of motion pictures, this apparent weakening in growth between Quarter 1 (Jan to Mar) 2015 and Quarter 4 2017 can be largely attributed to changes in Film Tax Relief in 2014, which resulted in very strong quarter on quarter a year ago growth throughout 2015. This industry has continued to show strong growth across 2016 and 2017.

Figure 3: Growth rates of the services sector and its components, quarter on quarter a year earlier

UK, Quarter 1 (Jan to Mar) 2015 to Quarter 4 (Oct to Dec) 2017

Figure 3: Growth rates of the services sector and its components, quarter on quarter a year earlier

UK, Quarter 1 (Jan to Mar) 2015 to Quarter 4 (Oct to Dec) 2017



Source: Office for National Statistics

The business services and finance sector continued to be the main driver of growth in services in the latest quarter, increasing by 0.8% and contributing 0.28 percentage points. There was broad-based growth within this sector, with the largest contributor to GDP growth being employment activities, which increased by 3.6% and contributed 0.04 percentage points.

Transportation, storage and communication experienced growth of 0.8% in Quarter 4 2017, contributing 0.09 percentage points to GDP growth. Within this sector, warehousing and support activities for transportation was the main driver of growth, with growth of 3.6% and contributing 0.04 percentage points. This follows a weak Quarter 3 (July to Sept) 2017 for this industry.

Distribution, hotels and catering grew by 0.1% (contributing 0.01 percentage points) in Quarter 4 2017. Wholesale trade and retail trade were the largest contributors to growth, increasing by 0.7% and 0.4% respectively.

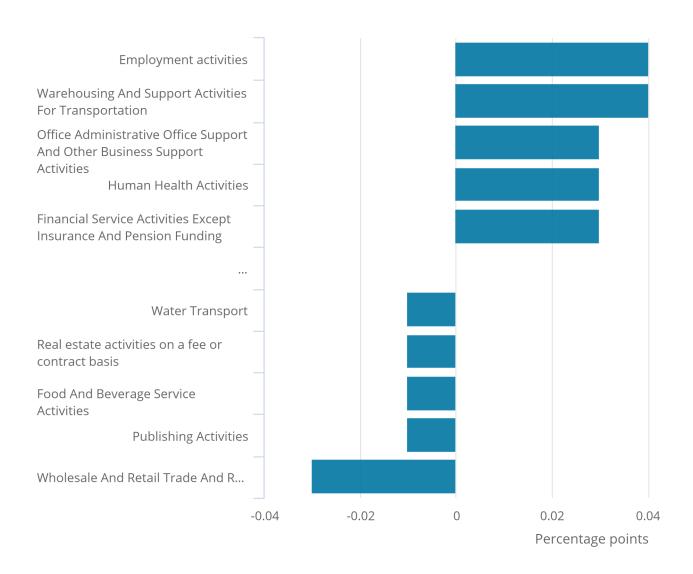
Government and other services grew by 0.4%, contributing 0.08 percentage points to GDP growth. The largest contributor to this sector was human health activities with growth of 0.6% and contributing 0.03 percentage points to GDP growth. This industry has a high weight within GDP.

Figure 4: Largest and smallest quarter-on-quarter contributions of services industries to headline gross domestic product growth

UK, Quarter 4 (Oct to Dec) 2017

Figure 4: Largest and smallest quarter-on-quarter contributions of services industries to headline gross domestic product growth

UK, Quarter 4 (Oct to Dec) 2017



Source: Office for National Statistics

Notes:

- 1. ... represents other industries in the services aggregate.
- 2. Percentage points.

Production

Within production, there was growth in three out of the four sectors in Quarter 4 2017. However, mining and quarrying fell by 3.9%, due to the well-publicised shut down of the Forties oil pipeline for a large part of December 2017. This sector contributed negative 0.05 percentage points to GDP growth.

Manufacturing was the largest contributor to growth within production, at 1.3% and contributing 0.13 percentage points. Meanwhile, electricity, gas, steam and air conditioning supply increased by 0.4% and water supply, sewerage, waste management and remediation activities increased by 0.3%.

Construction

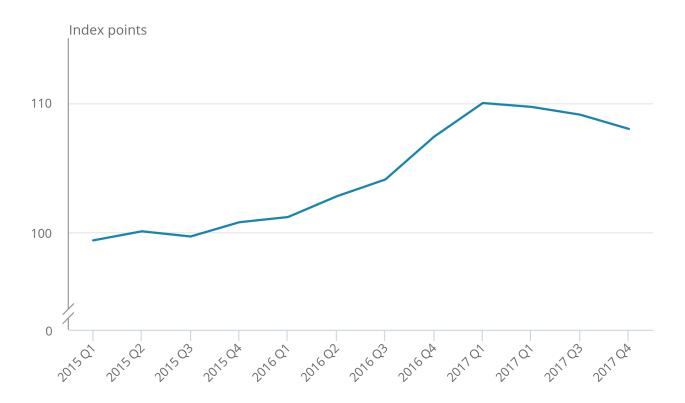
Construction output was estimated to have decreased by 1.0% during Quarter 4 2017, following contraction in the previous two quarters. However, annual growth was 5.1% between 2016 and 2017, demonstrating that the most recent contractions are relatively small compared with the large growth throughout 2016 and into the first quarter of 2017. Figure 5 highlights how the recent contraction is relatively minor compared with the growth since 2015.

Figure 5: Construction index from Quarter 1 (Jan to Mar) 2015 to Quarter 4 (Oct to Dec) 2017

UK

Figure 5: Construction index from Quarter 1 (Jan to Mar) 2015 to Quarter 4 (Oct to Dec) 2017

UK



Source: Office for National Statistics

Agriculture

Agriculture decreased by 0.4% in Quarter 4 2017, after an increase of 0.8% last quarter. Agriculture is the smallest of the main industrial groups with a weight of less than 1% in the output measure of GDP.

6. Data content and monthly path of components for Quarter 4 2017 preliminary estimate

Figure 6 contains information about the data content for each month in Quarter 4 (Oct to Dec) 2017 and the quarter as a whole. The data content for the Quarter 4 2017 preliminary estimate is 45% of total output data, which is broadly the same as previous preliminary estimates.

The approach to producing the preliminary GDP estimate uses monthly output data for October and November and forecasts for estimating December. The forecasts are informed by early responses to our Monthly Business Survey.

Analysis of early survey returns from businesses that feed into our construction estimates has shown that these tend to be lower than returns that are made at a later point in the data collection period. As a result, a quality adjustment is applied to the quarterly estimates for construction to account for any bias introduced from the lower data content available for December. These adjustments are calculated by assessing the revisions performance of quarterly construction estimates between the preliminary estimate of GDP and the second estimate over a number of periods. The adjustments are removed in the second estimate of GDP, when a fuller quarter of construction data are available.

The preliminary estimate of GDP does not revise quarters prior to the most recent quarter. Instead, these revisions are made when additional information is available from the income and expenditure measures of GDP. However, to ensure that we achieve the best estimate of growth for GDP in the latest quarter, in some cases we may take into account these stored revisions. As a result, it may not always be possible to derive the growth rate for the most recent quarter by applying the monthly growth rates published as part of this statistical bulletin, to the unrevised previous quarter.

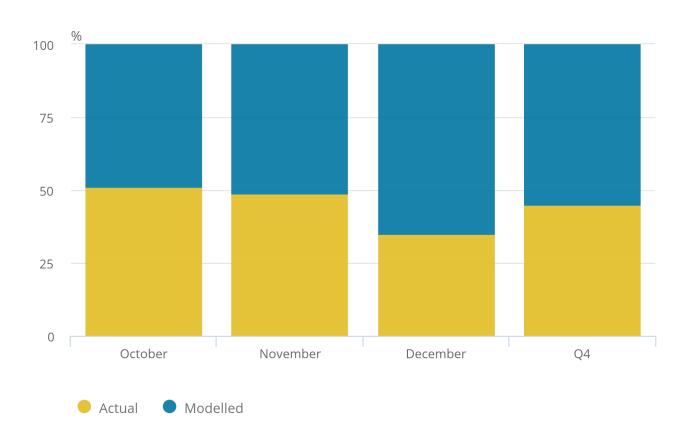
More information on creating the preliminary estimate of GDP is available on the methodology page.

Figure 6: Data content within the gross domestic product estimate

UK, Quarter 4 (Oct to Dec) 2017

Figure 6: Data content within the gross domestic product estimate

UK, Quarter 4 (Oct to Dec) 2017



Source: Office for National Statistics

Notes:

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

The Index of Production, construction output and Index of Services all feed into the headline GDP estimate. Some small revisions have taken place to previously published estimates, as seen in Table 3. Additional detail for sectors within production and services can be found in the <u>Monthly Path dataset</u>, published alongside this bulletin.

Table 3: Previously published and current monthly growth rates in production, construction and services

UK, Quarter 3 2017

	Previously	Published			
	October	November	October	November	December ¹
Index of Production	0.2	0.4	0.2	0.4	-0.9
Construction Output	-1.1	0.4	-1.1	0.6	-0.1
Index of Services	0.2		0.2	0.4	0.0

Source: Office for National Statistics

Notes:

- 1. Based on forecasts and early responses to the December Monthly Business Survey
- 2. No Data represented by ...
- 3. Percentage change.

7. Links to related statistics

The preliminary estimate of gross domestic product (GDP) is based solely on the output approach to measuring GDP and uses the same data that feed into the <u>Index of Services</u>, the <u>Index of Production</u> and <u>Output in the Construction Industry</u> datasets.

Data for the retail industry are broadly comparable with <u>Retail sales in Great Britain: December 2017</u>, published on 19 January 2018, but as the two series operate under different revisions policies, there can be timing differences in the updating of the two series. Therefore, inconsistencies between the two series are not unusual but tend to be small. There are also conceptual and coverage differences between retail sales and retail output, which can lead to apparent inconsistencies.

In the <u>second estimate of GDP</u> and the <u>quarterly national accounts</u>, the output gross value added (GVA) and GDP estimates are balanced with the equivalent income and expenditure approaches to produce headline estimates of GVA and GDP.

8. Quality and methodology

Some general information on the quality of the estimate of gross domestic product (GDP) can be found in the "Things you need to know about this release" section in the main part of this statistical bulletin. Further information is available on our <u>methodology page</u>.

The 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 provide an integrated description of all economic activity within the economic territory of the UK, including activity involving both domestic units (that is, individuals and institutions resident in the UK) and external units (those resident in other countries). In addition to being comprehensive, the accounts are fully integrated and internally consistent. More information can be found in the UK National Accounts: A Short Guide.

					Production	Alk	argoio by C	ategories o	Juipui		Services				
		Agriculture, forestry and fishing	Mining and quarrying	Manu- facturing	Electricity gas, steam and air	Water supply, sewerage etc	Total IOP	Constru- ction	Distribution, hotels and restaurants	Transport, storage and commun- cation	Business services and finance	Govern- ment and other services	Total Services	Gross domestic product at market prices 4,5	Gross value added ext oil & gas
2015 W	eights 2	7	quarrying 12	101	17	10	140	61	137	104	329	222	793	1000	99
Index nu	umbers														
		L2KL	L2KR	L2KX	L2MW	L2N2	L2KQ	L2N8	L2PZ	KI8M	KI80	KI8Q	L2NC	YBEZ	KLH:
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	94.8	94.
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	97.7	97.
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
2016 2017		94.4 94.0	100.0 100.6	100.9 103.6	102.6 101.1	105.2 108.4	101.3 103.4	103.9 109.2	104.7 106.9	104.7 107.6	102.2 104.0	100.6 101.0	102.5 104.1	101.9 101.8	101.
2017		34.0	100.0	103.0	101.1	100.4	103.4	105.2	100.5	107.0	104.0	101.0	104.1	101.0	103
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	97.4	97
	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	98.1	98
	Q4	101.9	92.9	100.7	99.4	96.5	99.4	97.9	97.6	98.5	99.2	100.0	99.1	98.8	99
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	99.2	99
	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	99.8	99
	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	100.2	100
0040	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	100.9	100
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	101.1	100
	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	101.6	101
	Q3 Q4	93.9 94.6	105.5 96.5	100.6 102.1	101.0 104.1	105.8 107.0	101.4 102.2	104.1 107.4	105.1 106.8	105.8 107.4	102.5 103.0	100.5 100.2	102.9 103.4	102.1 102.9	101. 102.
2017	Q1	93.8	99.3	102.1	104.1	107.0	102.2	110.0	106.8	106.3	103.0	100.2	103.4	102.9	102
	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	103.5	103
	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	103.9	103
	Q4	94.1	99.3	105.3	102.0	108.1	104.5	108.0	107.3	108.6	105.1	101.4	104.9	102.5	104
Prelimin	nary Estin	nate													
	Q4	94.1	99.3	105.3	102.0	108.1	104.5	108.0	107.3	108.6	105.1	101.4	104.9	102.5	104.
Parcent:		ges: annual a						100.0	107.0	100.0	100.1		.0	.02.0	
reiceill	age chan														
		L3BB	L3BH	L3BN	L3DM	L3DQ		L3DW	L3GP	KI8L	KI8N	KI8P	L3E2	IHYP	KLH
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	2.1	1.
2014 2015		12.2	0.6 8.1	2.9	-5.8	0.6 3.4	1.5 1.2	9.0 4.4	4.7 4.7	2.7 4.0	3.8 2.4	2.4 0.9	3.4 2.6	3.1 2.3	3. 2.
2015		1.2 -5.6	0.1	0.9	1.0 2.6	5.2	1.3	3.9	4.7	4.0	2.4	0.9	2.5	1.9	1.
2017		-0.4	0.6	2.7	-1.5	3.1	2.0	5.1	2.1	2.7	1.8	0.4	1.6	1.8	1.
0014	00	0.0	0.4	0.0	0.7	0.0		4.0	4.5		4.0	0.7		IHYQ	
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	0.9	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	0.8	1.
2015	Q4 Q1	2.3 -1.8	1.4 1.0	0.4 -0.1	-1.8 2.4	1.2 0.5	0.3	0.4 1.6	1.8 1.0	1.8 0.1	1.1 0.2	0.6 -0.4	1.2 0.1	0.8 0.3	1. 0.
2013	Q2	0.6	8.8	-0.1	-2.2	4.0	0.6	0.7	1.0	1.1	0.4	0.4	0.6	0.5	0.
	Q3	-0.4	1.4	-0.6	0.7	4.0	-0.1	-0.4	0.6	0.9	0.4	-0.1	0.8	0.6	0.
	Q4	-1.3	-3.2	0.1	-1.8	0.5	-0.1	1.2	1.3	0.5	0.6	0.8	0.7	0.7	0.
2016	Q1	-4.0	-3.2	0.1	1.4	1.3	-0.4	0.4	1.5	1.5	0.6	0.8	0.7	0.7	0.
	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.
	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.
	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.
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.
	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.
	Q3	0.8	2.9	1.3	1.4	-0.5	1.3	-0.5	0.5	-	0.7	-	0.4	0.4	0.
	Q4	-0.4	-3.9	1.3	0.4	0.3	0.6	-1.0	0.1	8.0	0.8	0.4	0.6	0.5	0.
Prelimin	nary Estin	nate													
	Q4	-0.4	-3.9	1.3	0.4	0.3	0.6	-1.0	0.1	0.8	0.8	0.4	0.6	0.5	0.
Percenta	age chan	ges: quarter	on correspor	nding quarte	er of previous	year									
		L3ZZ	L427	L42D	L44C	L44G	L426	L44M	L47F	KII2	KIH9	KIH8	L44Q	IHYR	KLH
	Q4	-2.8	7.9	-0.9	-0.9	5.0	0.4	3.0	4.0	2.6	1.5	0.6	1.8	2.1	1.
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	1.9	1.
	Q2	-6.5	-2.0	1.2	5.9	4.5	1.7	2.8	4.3	3.3	2.2	0.6	2.3	1.8	1.
	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	2.0	1.
	Q4	-4.4	-3.8	2.3	5.7	5.6	2.4	6.5	5.2	6.3	2.3	-0.4	2.7	2.0	2.
2017															
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.
	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.
	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.
	Q4	-0.6	2.9	3.1	-2.0	1.1	2.3	0.6	0.5	1.1	2.1	1.1	1.4	1.5	1.

sole contributor to GDP change for the latest quarter at this stage

Time series dataset

Estimates are not accurate to the last digit shown
 Weights may not sum to the totals due to rounding

^{3.} Components of output are valued at basic prices which excludes subsidies on products, whereas GDP is valued at market prices

Includes an implicit discrepancy compared with the sum of the previous columns, because the GDP aggregate takes account of other information based on income and expenditure

^{5.} In this, the preliminary estimate of GDP, series YBEZ (GDP chained volume indices) appears alongside GVA industry components as output is the

^{6.} A complete run of data is available on our website as a

Annex A - Growth and contributions to growth - output components of $\ensuremath{\mathsf{GDP}^1}$ Chained Volume Measures AA

	Seasonally adjust Agriculture,	Total production	Mining &	Manufacturing	Electricity, gas,	Water supply,	Construction	Total services	Distribution,	Transport,	Business	Government &
	forestry & fishing		quarrying including oil and gas extraction	g	steam and air	sewerage, etc.	20		hotels and	storage and communications	services and finance	other services
Percentage	e change, latest y	ear on previou	s year									
Growth												
2014	L3BB 12.2	L3BG 1.5	L3BH 0.6	L3BN 2.9	L3DM -5.8	L3DQ 0.6	L3DW 9.0	L3E2 3.4	L3GP 4.7	KI8L 2.7	KI8N 3.8	KI8P 2.4
2014	1.2	1.2	8.1	0.0	1.0	3.4	4.4	2.6	4.7	4.0	2.4	0.9
2016	-5.6	1.3	0.0	0.9	2.6	5.2	3.9	2.5	4.7	4.7	2.2	0.6
2017	-0.4	2.0	0.6	2.7	-1.5	3.1	5.1	1.6	2.1	2.7	1.8	0.4
Contributio	on to growth ^{2,3}											
2014	ZZ3V 0.1	ZZ3W 0.2	ZZ3Y 0.0	ZZ3X 0.3	ZZ3Z -0.1	ZZ42 0.0	ZZ43 0.5	ZZ44 2.7	ZZ45 0.6	ZZ46 0.3	ZZ47 1.2	ZZ48 0.5
2015	0.0	0.2	0.1	0.0	0.0	0.0	0.3	2.0	0.6	0.4	0.8	0.2
2016 2017	0.0 0.0	0.2 0.3	0.0 0.0	0.1 0.3	0.0 0.0	0.1 0.0	0.2 0.3	2.0 1.3	0.6 0.3	0.5 0.3	0.7 0.6	0.1 0.1
				0.3	0.0	0.0	0.3	1.3	0.3	0.3	0.0	0.1
Percentage	e change, latest o	uarter on previ	ious quarter									
Growth	LODD	LADO	LODII	LODN	LODM	1.000	LODW	1.050	LOOD	KIOL	IZIONI	KIOD
2015 Q1	L3BB -1.8	L3BG 0.3	L3BH 1.0	L3BN -0.1	L3DM 2.4	L3DQ 0.5	L3DW 1.6	L3E2 0.1	L3GP 1.0	KI8L 0.1	KI8N 0.2	KI8P -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 Q4	-0.4 -1.3	-0.1 -0.4	1.4 -3.2	-0.4 0.1	0.7 -1.8	0.0 0.5	-0.4 1.2	0.3 0.7	0.6 1.3	0.9 0.5	0.4 0.6	-0.1 0.8
2016 Q1	-1.3 -4.0	0.0	-3.2 -2.5	0.0	1.4	1.3	0.4	0.7	1.5	0.5 1.5	0.6	0.8
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 Q4	-0.2 0.7	-0.5 0.8	5.3 -8.5	-0.6 1.5	-4.2 3.1	0.3 1.2	1.2 3.2	0.8 0.6	1.2 1.6	2.8 1.5	0.6 0.4	0.0 -0.3
2017 Q1	-0.8	0.8	2.9	0.6	-3.5	2.3	2.4	0.0	-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 Q4	0.8 -0.4	1.3 0.6	2.9 -3.9	1.3 1.3	1.4 0.4	-0.5 0.3	-0.5 -1.0	0.4 0.6	0.5 0.1	0.0 0.8	0.7 0.8	0.0 0.4
		0.0	0.0		0	0.0		0.0	0	0.0	0.0	0.1
Contributio	on to growth ^{2,3} ZZ2F	ZZ2G	ZZ2I	ZZ2H	ZZ2J	ZZ2K	ZZ2L	ZZ2M	ZZ2N	ZZ2O	ZZ2P	ZZ2Q
2015 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	-0.1
Q2 Q3	0.0 0.0	0.1 0.0	0.1 0.0	-0.1 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.5	0.1	0.1 0.1	0.1 0.1	0.1 0.0
Q3 Q4	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.3 0.6	0.1 0.2	0.1	0.1	0.0
2016 Q1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.2	0.2	0.2	0.1
Q2 Q3	0.0 0.0	0.3 -0.1	0.0 0.1	0.1 -0.1	0.1 -0.1	0.0 0.0	0.1 0.1	0.3 0.6	0.1 0.2	0.0 0.3	0.2 0.2	-0.1 0.0
Q3 Q4	0.0	0.1	-0.1	0.1	0.1	0.0	0.1	0.5	0.2	0.3	0.2	-0.1
2017 Q1	0.0	0.1	0.0	0.1	-0.1	0.0	0.2	0.0	-0.1	-0.1	0.1	0.1
Q2 Q3	0.0 0.0	0.0 0.2	0.0 0.0	0.0 0.1	0.0 0.0	0.0 0.0	0.0 0.0	0.3 0.3	0.1 0.1	0.1 0.0	0.0 0.2	0.1 0.0
Q4	0.0	0.1	0.0	0.1	0.0	0.0	-0.1	0.4	0.0	0.1	0.3	0.1
Percentage	e change, latest o	uarter on core	sponding quarte	er of previous y	ear							
Growth												
0015 01	L3ZZ	L426	L427	L42D	L44C	L44G	L44M	L44Q	L47F	KII2	KIH9	KIH8
2015 Q1 Q2	4.4 2.8	1.4 1.8	1.3 10.4	1.4 0.2	4.4 1.5	-1.9 5.1	7.0 5.7	3.4 2.9	5.4 4.9	5.0 4.7	3.4 2.6	1.4 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 2016 Q1	-2.8 -5.0	0.4 0.1	7.9 4.2	-0.9 -0.8	-0.9 -1.9	5.0 5.9	3.0 1.8	1.8 2.5	4.0 4.5	2.6 4.0	1.5 2.1	0.6 1.3
Q2	-6.5	1.7	-2.0	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 2017 Q1	-4.4 -1.3	2.4 2.8	-3.8 1.6	2.3 2.9	5.7 0.6	5.6 6.5	6.5 8.6	2.5 1.8	5.2 3.0	6.3 3.6	2.2 1.9	-0.4 -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 Q4	0.6 -0.6	2.4 2.3	-2.1 2.9	3.3 3.1	0.6 -2.0	2.0 1.1	4.8 0.6	1.4 1.4	2.0 0.5	1.8 1.1	1.6 2.1	0.4 1.1
		2.3	2.9	3.1	-2.0	1.1	0.0	1.4	0.5	1.1	۷.۱	1.1
Contributio	on to growth 2,3 ZZ36	ZZ37	ZZ39	ZZ38	ZZ3A	ZZ3B	ZZ3C	ZZ3D	ZZ3E	ZZ3F	ZZ3G	ZZ3H
2015 Q1	0.0	0.2	0.0	0.1	0.1	0.0	0.4	2.7	0.7	0.5	1.1	0.3
Q2 Q3	0.0 0.0	0.2 0.2	0.2 0.2	0.0 -0.1	0.0 0.0	0.1 0.1	0.3 0.1	2.3 1.8	0.7 0.6	0.5 0.4	0.8 0.7	0.3 0.1
Q3	0.0	0.2	0.2	-0.1	0.0	0.1	0.1	1.5	0.5	0.4	0.7	0.1
Q4	0.0	0.0	0.0	-0.1	0.0	0.1	0.1	2.0	0.6	0.4	0.7	0.3
2016 Q1			0.0	0.1	0.1	0.0	0.2	1.8	0.6	0.3	0.7	0.1
2016 Q1 Q2	0.0	0.2		0.1	0.0	0.0	0.3	22		n 5	በደ	በኃ
2016 Q1		0.2 0.2 0.3	0.0 0.0	0.1 0.2	0.0 0.1	0.0 0.1	0.3 0.4	2.2 2.0	0.7 0.7	0.5 0.7	0.8 0.7	0.2 -0.1
2016 Q1 Q2 Q3 Q4 2017 Q1	0.0 0.0 0.0 0.0	0.2 0.3 0.4	0.0 0.0 0.0	0.2 0.3	0.1 0.0	0.1 0.1	0.4 0.5	2.0 1.4	0.7 0.4	0.7 0.4	0.7 0.6	-0.1 0.0
2016 Q1 Q2 Q3 Q4	0.0 0.0 0.0	0.2 0.3	0.0 0.0	0.2	0.1	0.1	0.4	2.0	0.7	0.7	0.7	-0.1

¹ 2 3

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

Contribution estimates are estimated using average GVA. This approach takes into account income, expenditure and output data, therefore these contributions will not necessarily sum to output GVA.

Contributions may not sum due to rounding

	1/	

UK resident population midy year estimates (persons, thousands)	UK		Chained volume measure	£ (Reference year = 2015)
Page		UK resident population mid-		
BAQ ABMI BKW 2015 64 997 1 845 444 28 55 6 10 1 888 737 29 00 2016 65 648 1 955 999 29 32 2017 66 0511 1 960 012 29 67 asonally adjusted 2013 O4 64 351 45 1 932 7 02 2014 O1 64 474 45 814 7 07 02 20 64 897 45 914 7 07 02 20 64 897 45 914 7 07 02 20 64 897 45 914 7 07 02 20 64 897 45 914 7 07 02 20 65 10 64 982 463 201 7 15 02 20 65 10 7 10 02 20 65 10 7 10 02 20 65 10 7 10 02 20 65 10 7 10 02 20 65 10 7 10 02 20 65 10 7 10 02 20 65 10 7 10 02 20 65 10 7 10 02 20 65 10 7 10 02 20 65 10 7 10 02 20 65 10 7 10 02 20 65 10 7 10 02 20 65 10 7 10 02 20 65 10 7 10 02 20 65 10 7 10 02 20 65 10 7 10 02 20 65 90 7 10 02 20 90 7 10 02 20 90 7 10 02 20 90 7 10 02 20 90 7 10 02 20 90 7 10 02 20 90 7 10 02 20 90 7 10 02 20 90 7 10 02 20 9		year estimates (persons,		head
2014 64 997 1 845 444 28 55 6 2015 6 51 10 1 888 737 28 200 2016 65 648 1 925 299 28 32 2017 6 65 648 1 955 299 28 32 2017 8 2017 6 65 648 1 955 299 28 32 2017 8 2018 2017 2 26 67 2017 2 26 67 2017 2 20 20 20 20 20 20 20 20 20 20 20 20 2		thousands) ²		
2016		EBAQ	АВМІ	IHXW
2016 66 5648 1952 299 22967 asonally adjusted 2013 Q4 64 351 451 932 702 2014 Q1 64 474 455 814 700 Q2 64 597 459 702 711 Q3 64 725 468 201 715 Q4 68 854 466 727 719 2015 Q1 68 982 468 326 720 Q2 66 110 471 018 723 Q3 66 526 472 900 725 Q4 65 341 476 413 729 Q3 65 544 477 421 728 Q1 G2 66 5648 4796 93 730 Q3 66 554 477 421 728 Q3 66 5749 482 288 733 Q4 66 855 486 478 683 73 Q3 66 749 482 288 733 Q4 66 855 486 487 888 77 2017 Q1 66 951 487 333 788 Q3 66 155 490 704 741 Q4 66 258 493 158 744 **rcentage change, latest year on previous year **rcentage change, latest quarter on previous quarter **rcentage change, latest quarter on previous quarter Q1 Q2 66 01 19 0.9 0.0 Q3 0.4 0.0 0.9 0.0 Q4 0.0 0.9 0.0 Q5 0.0 0.9 0.0 Q6 0.0 0.9 0.0 Q7 0.0 0.9 0.0 Q8 0.0 0.9 0.0 Q9 0.0 0.9 0.0 Q9 0.0 0.9 0.0 Q9 0.0 0.9 0.0 Q0 0.0 0.9 0.0 Q0 0.0 0.0 0.0 Q0 0.0 0.0 0.0 Q0 0.0 0.0 0.0 0.0 Q0 0.0 0.0 0.0 0.0 Q0 0.0 0.0 0.0 Q0 0.0 0.0 0.0 0.0 Q0 0.0		64 597		28 569
asonally adjusted 2017	2015	65 110	1 888 737	29 008
asonally adjusted 2017	2016	65 648	1 925 299	29 328
2013 Q4 64 351 451 932 7.02 2014 Q1 64 474 455 814 707 Q2 64 64 967 459 702 7.11 Q3 64 725 483 201 7.15 Q4 64 8854 466 727 7.19 2015 Q1 64 982 468 326 7.20 Q3 65 110 471 018 7.23 Q3 65 228 472 980 7.25 Q4 65 814 476 413 7.23 Q4 65 85 44 476 413 7.23 Q4 65 85 44 477 421 7.23 Q5 65 61 61 67 47 47 421 7.23 Q6 65 749 462 288 7.33 Q7 65 749 462 288 7.33 Q7 65 759 462 288 7.33 Q7 750 750 750 750 750 750 750 750 750 75				29 674
2014 Of	Seasonally adjusted			
2014 Of	2012 04	64.251	451 022	7.000
Q2				
Q3				
○4 64 854 466 727 7 19 2015 ○1 64 982 468 326 7 20 ○2 65 110 471 018 7 23 ○3 65 226 472 980 7 23 ○4 65 341 476 413 7 29 ○10 65 514 477 421 7 28 ○2 65 648 479 693 7 30 ○3 65 749 462 286 7 33 ○4 65 850 465 897 7 37 ○17 ○1 65 951 487 333 7 38 ○2 66 051 488 817 7 40 ○3 66 155 490 704 7 41 ************************************				
2015 O1				
Q2	Q4	64 854	466 727	7 197
Q3	2015 Q1	64 982	468 326	7 207
Q4 65.341 476.413 7.28 2016 Q1 65.514 477.421 7.28 Q2 65.648 479.693 7.30 Q3 65.749 482.288 7.33 Q4 65.9580 485.8987 7.37 2017 Q1 65.951 487.333 7.38 Q2 66.051 488.817 7.40 Q3 66.155 490.704 7.41 Q4 66.258 493.158 7.44 recentage change, latest year on previous year 2014 3.1 2. 2015 2.3 1. 2016 3.1 2. 2017 1.8 1. recentage change, latest quarter on previous quarter IHV N3V 2016 9.9 0. 2017 0.9 0. 2018 0.9 0. 2014 0.1 0.9 Q3 0.8 0. Q4 0.8 0. <td>Q2</td> <td>65 110</td> <td>471 018</td> <td>7 234</td>	Q2	65 110	471 018	7 234
Q4 65.341 476.413 7.28 2016 Q1 65.514 477.421 7.28 Q2 65.648 479.693 7.30 Q3 65.749 482.288 7.33 Q4 65.9580 485.8987 7.37 2017 Q1 65.951 487.333 7.38 Q2 66.051 488.817 7.40 Q3 66.155 490.704 7.41 Q4 66.258 493.158 7.44 recentage change, latest year on previous year 2014 3.1 2. 2015 2.3 1. 2016 3.1 2. 2017 1.8 1. recentage change, latest quarter on previous quarter IHV N3V 2016 9.9 0. 2017 0.9 0. 2018 0.9 0. 2014 0.1 0.9 Q3 0.8 0. Q4 0.8 0. <td>Q3</td> <td>65 226</td> <td>472 980</td> <td>7 251</td>	Q3	65 226	472 980	7 251
2016 O1 65 514 477 421 7.28				
C2				
03 65 749 482 88 733 Q4 65 858 50 485 897 737 2017 C01 65 951 487 333 738 Q2 66 051 488 817 740 Q3 66 155 490 704 741 Q4 66 258 493 158 744 **rcentage change, latest year on previous year* 2014 3.1 2.2 2015 2.3 1. 2016 19 9 1. 2017 18 18 1. **rcentage change, latest quarter on previous quarter* **Previous quarter* 2014 9.5 0.5 0.0 2014 01 9.9 0.0 2014 01 9.9 0.0 203 0.9 0.0 203 0.9 0.0 203 0.0 0.9 0.0 204 0.8 0.0 2015 01 0.3 0.0 204 0.0 0.8 0.0 2016 0.0 0.3 0.0 202 0.0 0.6 0.0 203 0.0 0.9 0.0 204 0.0 0.8 0.0 205 0.0 0.0 0.0 206 0.0 0.0 0.0 0.0 207 0.0 0.0 0.0 0.0 0.0 208 0.0 0.0 0.0 0.0 0.0 209 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0				
Q4 65 850 485 897 7 37 2017 Q1 65 951 487 333 7 38 Q2 66 051 480 817 7 40 Q4 66 155 490 704 7 41 rcentage change, latest year on previous year IHYP N34 2014 3.1 2.3 1. 2015 2.3 1. 2. 2016 1.9 1. 1. 2017 1.8 1. 1. rcentage change, latest quarter on previous quarter IHYQ N34 0. </td <td></td> <td></td> <td></td> <td>7 307</td>				7 307
2017 O1 65 951 487 333 7.88 Q2 66 051 488 017 7.40 Q3 66 155 490 704 7.41 Q4 66 258 493 158 7.44 rcentage change, latest year on previous year	Q3		482 288	7 335
2017 O1 65 951 487 333 7.88 Q2 66 051 488 017 7.40 Q3 66 155 490 704 7.41 Q4 66 258 493 158 7.44 rcentage change, latest year on previous year	Q4	65 850	485 897	7 379
Q2 66 051 488 817 7 44 Q3 66 155 490 704 7 41 Q4 66 258 493 158 7 44 recentage change, latest year on previous year IHYP N3Y 2014 3.1 2.2 2015 2.3 1. 2016 1.9 1. 2017 1.8 1. 2018 0.9 0. 2019 0.5 0. 2011 0.9 0. 2012 0.9 0. 2013 0.4 0.8 0. 2014 0.9 0. 0. 0. 0. 2014 0.1 0.9 0. <	2017 Q1	65 951	487 333	7 389
Q3 66 155 490 704 7.4 1 Q4 66 258 493 158 7.44 rcentage change, latest year on previous year 2014 3.1 2. 2015 2.3 1. 2016 1.9 1. 2017 1.8 1. rcentage change, latest quarter on previous quarter IHYQ N34 2013 Q4 0.5 0.9 Q2 0.9 0. Q2 0.9 0. Q3 0.8 0. Q4 0.8 0. Q3 0.4 0. Q3 0.4 0. Q4 0.7 0. Q16 Q1 0.7 0. Q17 Q1 0.5 0. Q3 0.5 0. Q4 0.7 0. Q17 Q1 0.3 0. Q2 0.5 0. Q3 0.4 0.				
Q4 66 258 493 158 7 44 rcentage change, latest year on previous year IHYP N37 2014 3.1 2.2 2015 2.3 1. 2016 1.9 1. 2017 1.8 1. rcentage change, latest quarter on previous quarter IHYQ N3Y 2013 Q4 0.5 0. Q2 0.9 0. Q3 0.8 0. Q4 0.7 0. Q3 0.4 0. Q4 0.7 0. Q5 0.5 0. Q4 0.7 0. Q2 0.5 0. Q3 0.4 0. Q4 0.7 0. Q4 0.5				
Processing Control C				
1			100 100	,
2014 3.1 2. 2015 2.3 1. 2016 1.9 1.8 2017 1.8 1.8 2017 2018 2.3 1. recentage change, latest quarter on previous quarter	Percentage change, lates	st year on previous year	IHYP	N3Y6
2015	2014		3.1	2.3
2016 1.9 1.8 1. 2017 1.8 1.8 1. rcentage change, latest quarter on previous quarter				1.5
2017 1.8				
rcentage change, latest quarter on previous quarter IHVQ N3Y				1.2
2013 Q4	Percentage change, lates	st quarter on previous quarter	IHVO	N2V7
2014 Q1	2013 Q4			0.3
Q2 0.9 0. Q3 0.8 0. Q4 0.8 0. 2015 Q1 0.3 0. Q2 0.6 0. Q3 0.4 0.7 0. Q4 0.7 0. 0. Q16 Q1 0.5 0. 0. Q3 0.5 0.	2014 Q1		0.9	0.7
Q3 0.8 0. Q4 0.8 0. 2015 Q1 0.3 0. Q2 0.6 0. Q3 0.4 0. Q4 0.7 0. 2016 Q1 0.2 -0. Q2 0.5 0. Q3 0.5 0. Q4 0.7 0. 2017 Q1 0.3 0. Q2 0.3 0. Q3 0.4 0. Q4 0.5 0. recentage change, latest quarter on corresponding quarter of previous year IHYR N3Y 2013 Q4 2.6 1. 2014 Q1 2.8 2. Q2 3.1 2. Q4 3.3 2. 2015 Q1 2.7 1. Q2 2.5 1. Q3 2.1 1. Q4 2.1 1. Q4 2.1 1. Q4 2.1 1. Q4 <td< td=""><td></td><td></td><td></td><td>0.7</td></td<>				0.7
Q4 0.8 0. 2015 Q1 0.3 0. Q2 0.6 0. Q3 0.4 0. Q4 0.7 0. 2016 Q1 0.2 -0. Q2 0.5 0. Q3 0.5 0. Q4 0.7 0. 2017 Q1 0.3 0. Q2 0.3 0. Q3 0.4 0. Q4 0.5 0. rcentage change, latest quarter on corresponding quarter of previous year IHYR N3Y 2013 Q4 2.6 1. 2014 Q1 2.8 2. Q2 3.1 2. Q3 3.0 2. Q4 3.3 2. Q4 2.5 1. Q3 2.1 1. Q4 2.1 </td <td></td> <td></td> <td></td> <td></td>				
2015 Q1				
Q2				
Q3				0.1
Q4 0.7 0. 2016 Q1 0.2 -0. Q2 0.5 0. Q3 0.5 0. Q4 0.7 0. 2017 Q1 0.3 0. Q3 0.4 0. Q4 0.5 0. rcentage change, latest quarter on corresponding quarter of previous year IHYR N3Y 2013 Q4 2.6 1. 2014 Q1 2.8 2. Q2 3.1 2. Q3 3.0 2. Q4 3.3 2. Q4 2.5 1. Q3 2.1 1. Q4 2.1 1. 2016 Q1 1.9 1.	Q2		0.6	0.4
2016 Q1	Q3		0.4	0.2
Q2 0.5 0. Q3 0.5 0. Q4 0.7 0. 2017 Q1 0.3 0. Q2 0.3 0. Q3 0.4 0. Q4 0.5 0. recentage change, latest quarter on corresponding quarter of previous year IHYR N3Y 2013 Q4 2.6 1. 2014 Q1 2.8 2. Q2 3.1 2. Q4 3.3 2. 2015 Q1 2.7 1. Q2 2.5 1. Q3 2.1 1. Q4 2.1 1. 2016 Q1 1.9 1.	Q4		0.7	0.6
Q2 0.5 0. Q3 0.5 0. Q4 0.7 0. 2017 Q1 0.3 0. Q2 0.3 0. Q3 0.4 0. Q4 0.5 0. recentage change, latest quarter on corresponding quarter of previous year IHYR N3Y 2013 Q4 2.6 1. 2014 Q1 2.8 2. Q2 3.1 2. Q4 3.3 2. 2015 Q1 2.7 1. Q2 2.5 1. Q3 2.1 1. Q4 2.1 1. 2016 Q1 1.9 1.	2016 Q1		0.2	-0.1
Q3 0.5 0. Q4 0.7 0. 2017 Q1 0.3 0. Q2 0.3 0. Q3 0.4 0. Q4 0.5 0. recentage change, latest quarter on corresponding quarter of previous year IHYR N3Y 2013 Q4 2.6 1. 2014 Q1 2.8 2. Q2 3.1 2. Q3 3.0 2. Q4 3.3 2. Q3 2.1 1. Q3 2.1 1. Q4 2.1 1. 2016 Q1 1.9 1.	O2			0.3
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2016 Q1 1.9 1.	Q4		2.1	1.3
			1.9	1.1
146	Q2		1.8	1.0
				1.2
				1.2
				1.4
				1.3
				1.1
Q4 1.5 0.	Q4		1.5	0.9

Source: Office for National Statistics

^{1.} This data uses the latest population estimates with the exception of the latest year where population projections are used. The quarterly data in this table does not sum to annuals (excluding GDP at market prices), please see explanation in the notes section.

2. This data uses the UK resident population mid-year estimates published 22 June 2017.

3. GDP is presented in £ million.