

Statistical bulletin

GDP monthly estimate, UK: September 2018

Gross domestic product (GDP) measures the value of goods and services produced in the UK. It estimates the size of and growth in the economy.



Contact:
James Scruton
GDP@ons.gov.uk
+44 (0)1633 455284

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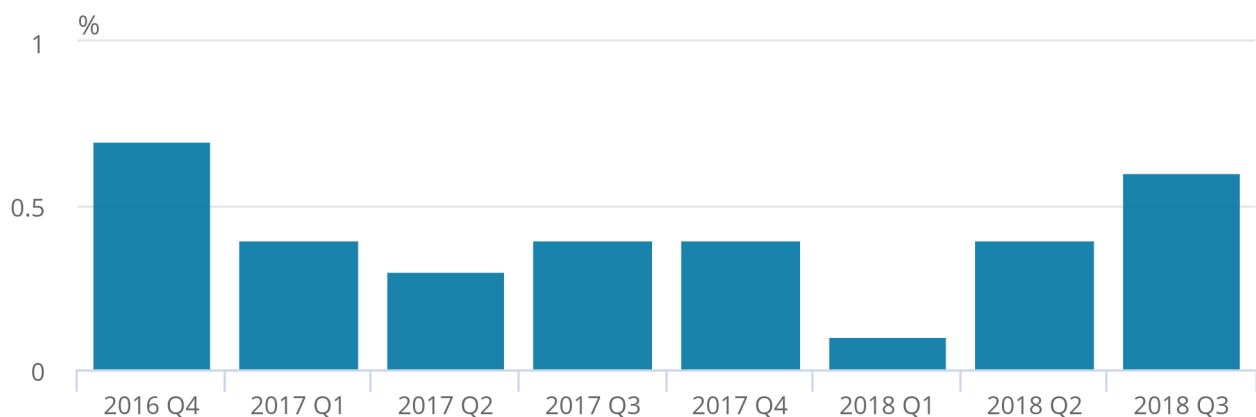
1 . UK gross domestic product (GDP) grew by 0.6% in Quarter 3 2018

Figure 1: Quarterly GDP grew at its fastest rate since Quarter 4 2016

UK GDP growth, Quarter 4 (Oct to Dec) 2016 to Quarter 3 (July to Sept) 2018

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UK GDP growth, Quarter 4 (Oct to Dec) 2016 to Quarter 3 (July to Sept) 2018



Source: Office for National Statistics, GDP: first quarterly estimate

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 Sep), Q4 refers to Quarter 4 (Oct to Dec).

Commenting on today's GDP figures for Quarter 3 (July to Sept) 2018, Head of National Accounts Rob Kent-Smith said:

"The economy saw a strong summer, although longer-term economic growth remained subdued. There are some signs of weakness in September with slowing retail sales and a fall-back in domestic car purchases. However, car manufacture for export grew across the quarter, boosting factory output. Meanwhile, imports of cars dropped substantially helping to improve Britain's trade balance."

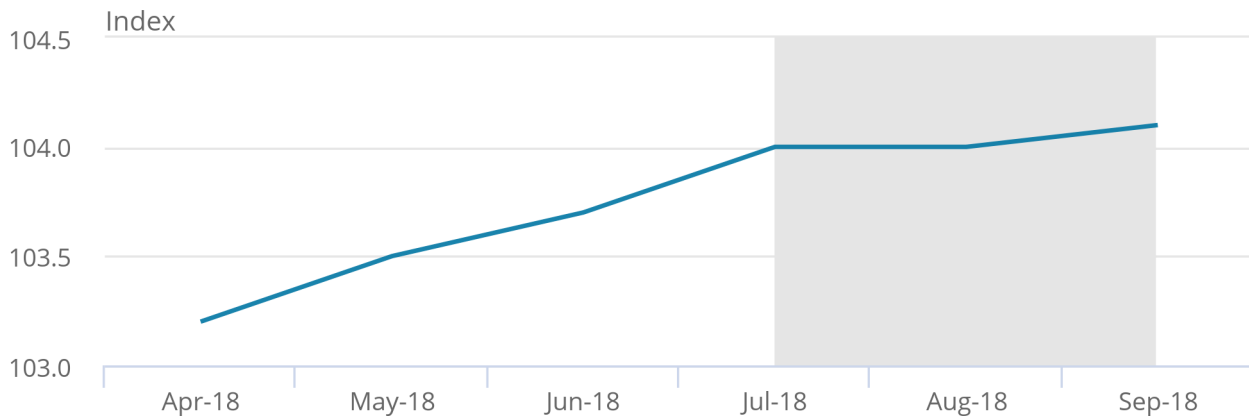
Figure 2: Strong quarterly growth was driven by month-on-month growth in July 2018

Monthly index, April 2018 to September 2018

Figure 2: Strong quarterly growth was driven by month-on-month growth in July 2018

Monthly index, April 2018 to September 2018

Quarter 3



Source: Office for National Statistics, GDP monthly estimate

In today's headline figures, the three months of Quarter 3 (July, August and September) are being compared with the months of Quarter 2 (April, May and June). While the two most recent monthly growths were flat, a strong growth into July coupled with the lower level in the base period give a comparatively strong quarterly growth rate. This can be seen in Figure 2, where the levels for Quarter 3 are significantly higher than the levels for Quarter 2.

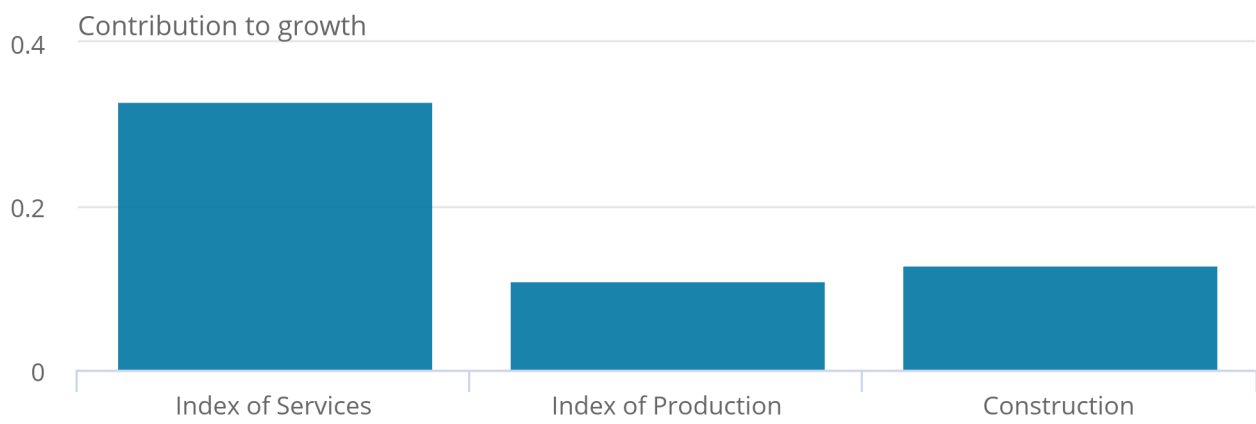
2 . Quarterly GDP growth was driven mainly by the services sector, although the construction sector also had a notable positive contribution

Figure 3: The services sector was the main driver to GDP growth, contributing 0.33 percentage points

Contribution to UK GDP growth in Quarter 3 (July to Sept) 2018

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Contribution to UK GDP growth in Quarter 3 (July to Sept) 2018



Source: Office for National Statistics, GDP monthly estimate

The services sector had growth of 0.4% in Quarter 3 (July to Sept) 2018 and was the largest contributor to headline gross domestic product (GDP) growth. The production industries grew by 0.8% in Quarter 3, while construction grew by 2.1%; this strong growth resulted in construction having a larger-than-usual contribution to quarterly GDP growth at 0.13 percentage points (Figure 3).

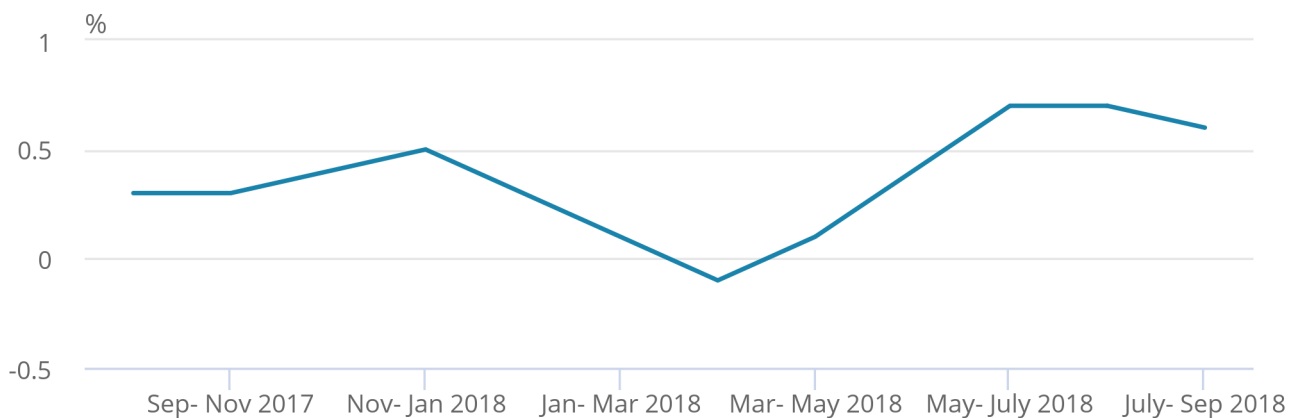
3 . Three-month growth remained strong after a weaker start to the year

Figure 4: Rolling three-month growth increased by 0.6% in September 2018

UK GDP growth, three-months on previous three-months, August to October 2017 until July to September 2018

Figure 4: Rolling three-month growth increased by 0.6% in September 2018

UK GDP growth, three-months on previous three-months, August to October 2017 until July to September 2018



Source: Office for National Statistics, GDP monthly estimate

Notes:

1. Rolling three-month data is calculated by comparing GDP in a three-month period with GDP in the previous three-month period, for example GDP in July to September compared with the previous April to June.

Rolling three-month growth was 0.6% in September 2018 (Figure 4), in line with the stronger growths seen in both July and August. The effects of the warmer-than-usual weather seen in the summer months continued to impact on economic growth in the most recent quarter.

Rolling three-month growth is based on output gross value added (GVA) and therefore there will be discrepancies in the time series with our quarterly estimates of gross domestic product (GDP), which include information on the expenditure and income approaches to measuring GDP.

4 . GDP growth was flat in September 2018

Table 1: Breakdown of GDP growth rates by month

	Jul-18	Aug-18	Sep-18	Quarter 3 2018
GDP	0.3%	0.0%	0.0%	0.6%
Index of Services	0.3%	0.0%	-0.1%	0.4%
Index of Production	0.4%	0.0%	0.0%	0.8%
Manufacturing	-0.2%	-0.1%	0.2%	0.6%
Construction	0.2%	-0.3%	1.7%	2.1%
Agriculture	0.1%	0.1%	0.1%	0.2%

Source: Office for National Statistics

Monthly growth was flat in August and September 2018, following a downwardly-revised 0.3% month-on-month growth in July (Table 1).

The monthly growth rate for gross domestic product (GDP) is volatile and therefore it should be used with caution and alongside other measures such as the three-month growth rate when looking for an indicator of the longer-term trend of the economy. However, it is useful in highlighting one-off changes that can be masked by three-month growth rates.

5 . The services sector grew by 0.4% in Quarter 3 2018, slightly lower than the 0.6% seen in Quarter 2

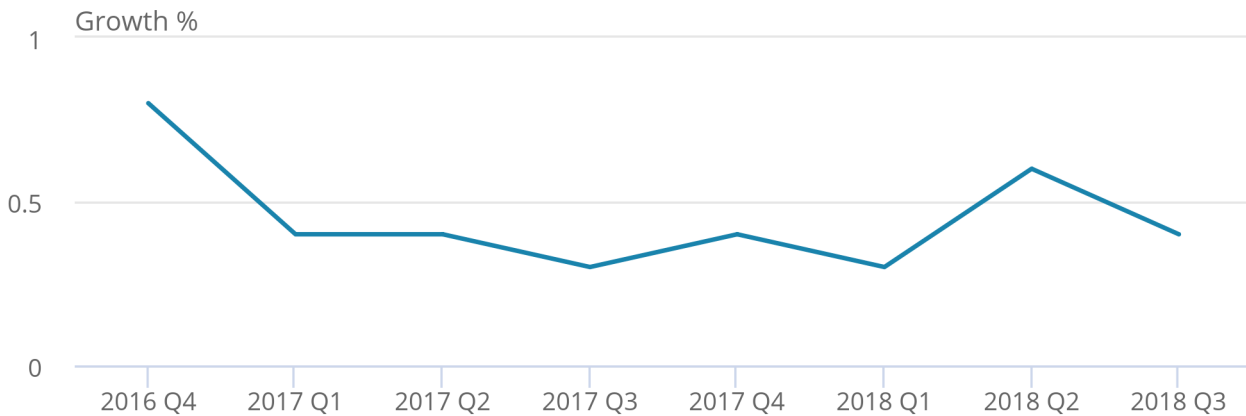
The services sector grew by 0.4% in Quarter 3 (July to Sept) 2018 (Figure 5), driven by information and communication, as well as wholesale and retail trade. These contributed 0.13 percentage points and 0.08 percentage points to headline gross domestic product (GDP) growth, respectively.

Figure 5: Quarterly services growth dropped slightly to a similar rate seen throughout 2017

Services growth, Quarter 4 (Oct to Dec) 2016 to Quarter 3 (July to Sept) 2018

Figure 5: Quarterly services growth dropped slightly to a similar rate seen throughout 2017

Services growth, Quarter 4 (Oct to Dec) 2016 to Quarter 3 (July to Sept) 2018



Source: Office for National Statistics, GDP monthly estimate

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 Sep), Q4 refers to Quarter 4 (Oct to Dec).

The services sector contracted by 0.1% in September 2018. This was the first negative monthly growth since February 2018.

Trade of motor vehicles decreased by 6.2% in September, contributing negative 0.11 percentage points to GDP growth. Legislative changes on 1 September resulted in higher-than-usual sales in August, and lower-than-usual sales in September, causing the negative monthly growth rate. This was also reported by the [Society of Motor Manufacturers and Traders \(SMMT\)](#). However, when looking at the longer-term picture (Figure 6), it becomes clear that there has been a slowing in growth in motor trade since 2016. This has also been reported by SMMT, who have cited the fall in demand for diesel-fuelled cars (see [Index of Services bulletin](#)).

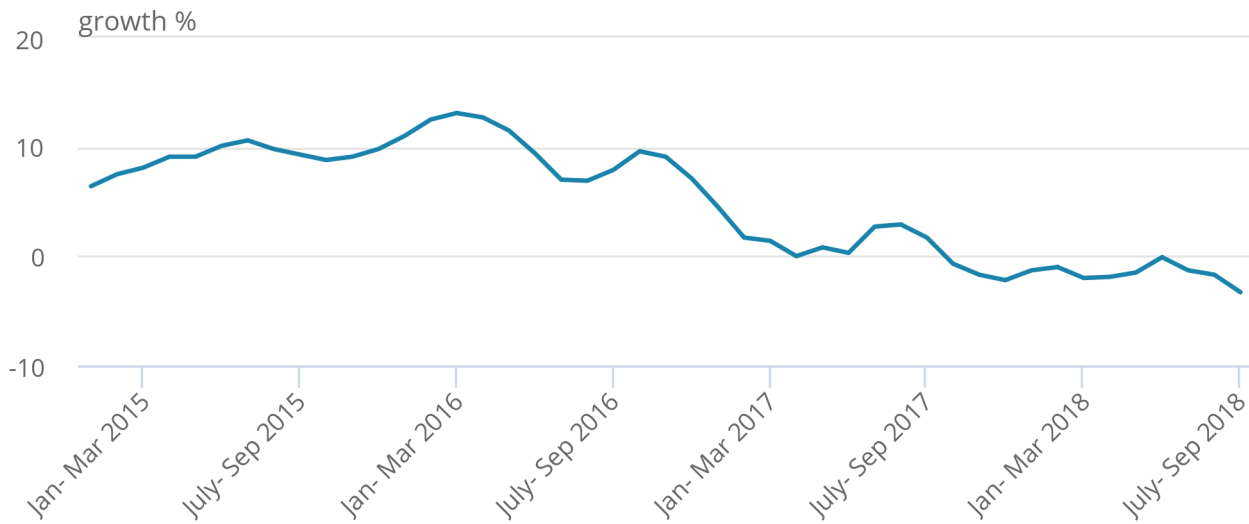
Motion pictures grew by 9.3% in September, making information and communication the biggest contributor to monthly growth. The rise in motion pictures was due to broad-based growth within the sector. More information about the [longer-term strong performance of the UK film industry](#) over the past few years can be found in a previous article.

Figure 6: Motor trades continued a decline seen over the past two years

Growth, three-months on three-months a year earlier, November 2014 to January 2015 until July to September 2018

Figure 6: Motor trades continued a decline seen over the past two years

Growth, three-months on three-months a year earlier, November 2014 to January 2015 until July to September 2018



Source: Office for National Statistics, GDP monthly estimate

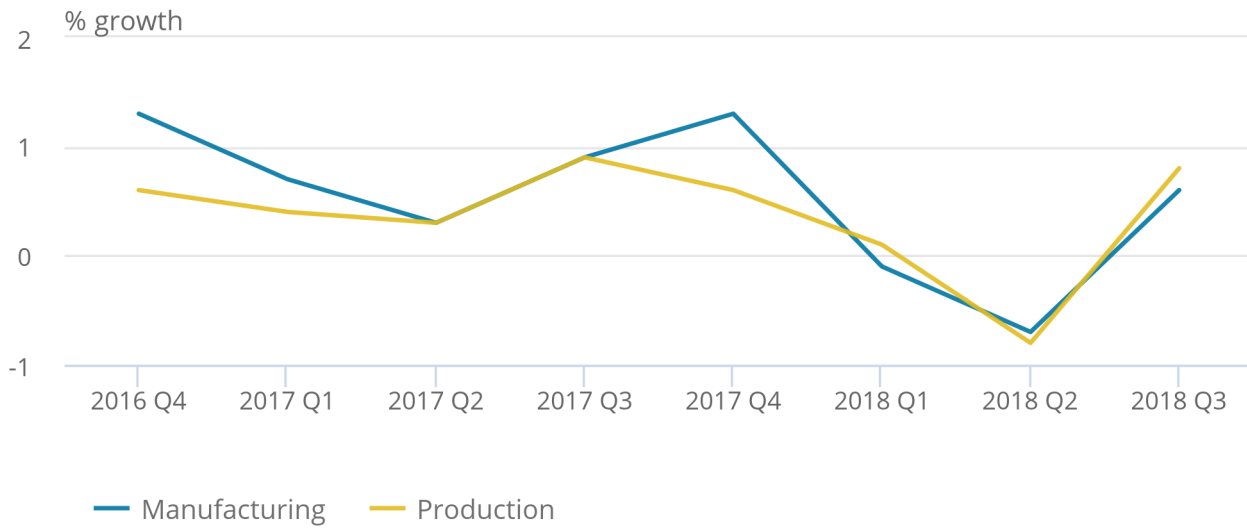
6 . Production grew at its highest rate in a year

Figure 7: Manufacturing returned to growth after two consecutive quarters of negative growth

Production and manufacturing growth, Quarter 4 (Oct to Dec) 2016 to Quarter 3 (July to Sept) 2018

Figure 7: Manufacturing returned to growth after two consecutive quarters of negative growth

Production and manufacturing growth, Quarter 4 (Oct to Dec) 2016 to Quarter 3 (July to Sept) 2018



Source: Office for National Statistics, GDP monthly estimate

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 Sep), Q4 refers to Quarter 4 (Oct to Dec).

Production grew by 0.8% in Quarter 3 (July to Sept) 2018, but was flat in the month of September. The quarterly growth rate was the highest since Quarter 3 2017, when it was 0.9%.

Manufacturing returned to growth in Quarter 3, increasing by 0.6% (Figure 7) and contributing 0.06 percentage points to gross domestic product (GDP) growth. This was a bounce back from negative growth seen in Quarter 2 (Apr to June). The growth was driven by manufacture of transport equipment (car and engine production), which contributed 0.03 percentage points, as more goods were exported (see [Index of Production bulletin](#)).

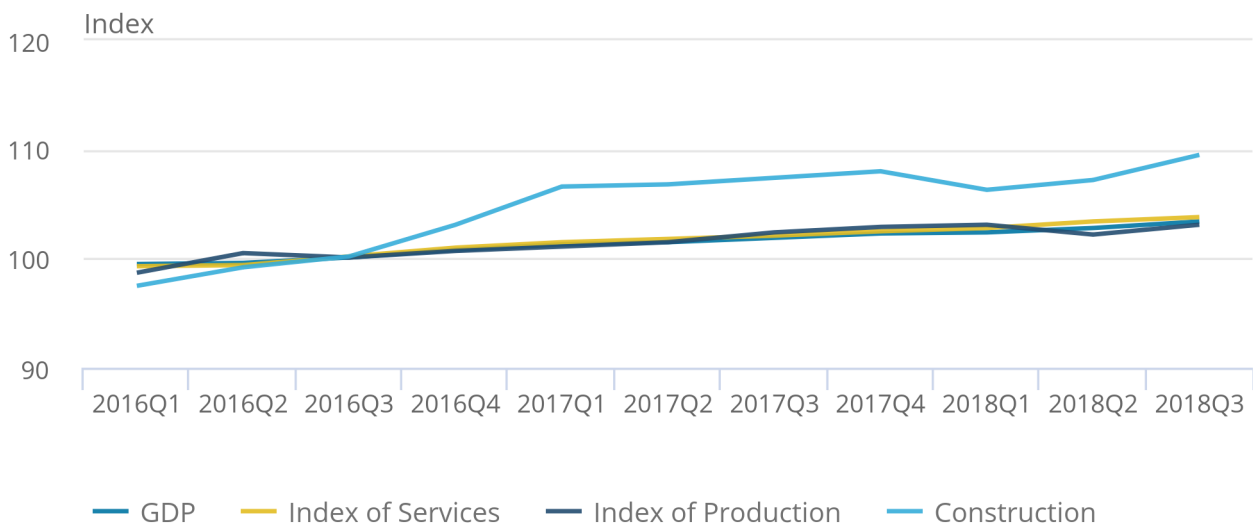
7 . Construction saw its highest quarterly growth since Quarter 1 2017, after a weak start to 2018

Figure 8: Construction output has been increasing at a higher rate than the other sectors and GDP itself

Index, Quarter 1 (Jan to Mar) 2016 to Quarter 3 (July to Sept) 2018

Figure 8: Construction output has been increasing at a higher rate than the other sectors and GDP itself

Index, Quarter 1 (Jan to Mar) 2016 to Quarter 3 (July to Sept) 2018



Source: Office for National Statistics, GDP: first quarterly estimate

Notes:

1. The GDP data in this chart is based on average GDP, rather than output data only.
2. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sep), Q4 refers to Quarter 4 (Oct to Dec).

Construction grew by 2.1% in Quarter 3 (July to Sept) 2018, boosted by month-on-month growth of 1.7% in September. New work in infrastructure and housebuilding drove the monthly growth in September. When examining the index (Figure 8) it is apparent that, despite a drop in the first half of 2018, construction output is increasing at a pace well above that of the other sectors and gross domestic product (GDP) itself.

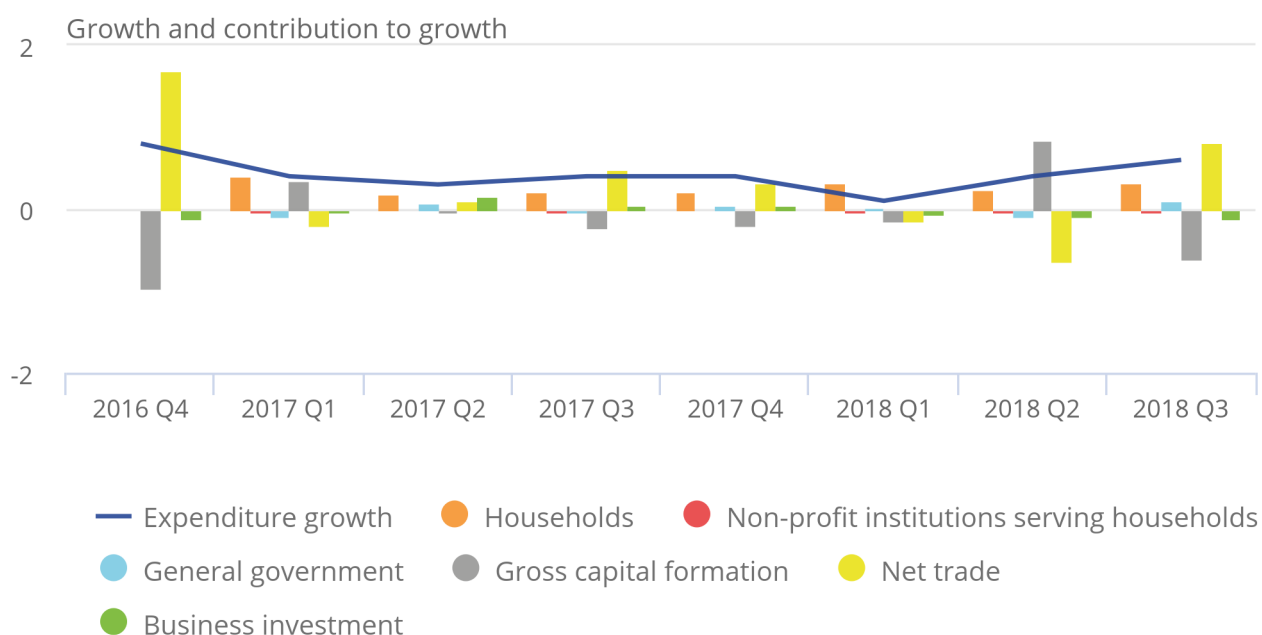
8 . Growth in the expenditure approach to measuring GDP was 0.6% in Quarter 3 2018

Figure 9: Gross capital formation was the only negative contribution to growth in Quarter 3 2018

Growth and contribution to growth, Quarter 4 (Oct to Dec) 2016 to Quarter 3 (July to Sept) 2018

Figure 9: Gross capital formation was the only negative contribution to growth in Quarter 3 2018

Growth and contribution to growth, Quarter 4 (Oct to Dec) 2016 to Quarter 3 (July to Sept) 2018



Source: Office for National Statistics, GDP: first quarterly estimate

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 Sep), Q4 refers to Quarter 4 (Oct to Dec).

Household expenditure growth increased to 0.5%, contributing 0.34 percentage points to gross domestic product (GDP) growth in the latest quarter.

Gross capital formation, which includes gross fixed capital formation (GFCF), changes in inventories and the acquisitions less disposals of valuables was the only expenditure component to contribute negatively to GDP growth (Figure 9). GFCF contributed 0.14 percentage points to GDP growth, with increases in government and private dwelling investment being partially offset by a fall of 1.2% in early estimates of business investment.

Net trade also contributed positively to GDP growth, driven by a 2.7% rise in exports of goods and services.

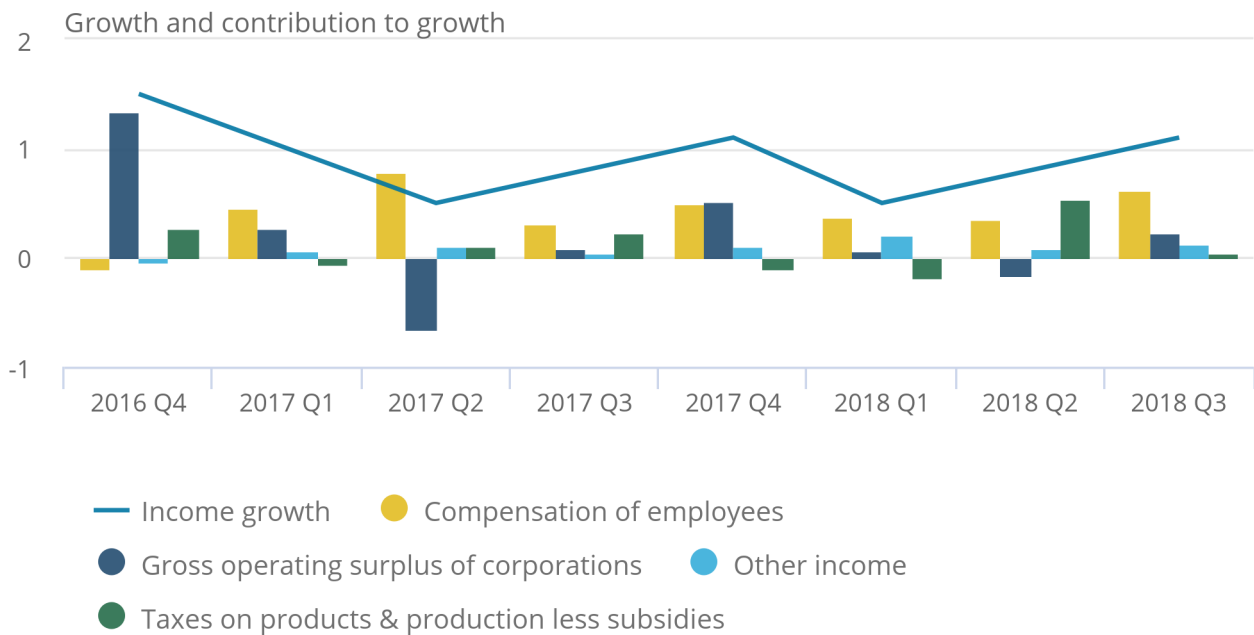
9 . Nominal GDP increased by 1.1% in Quarter 3 2018

Figure 10: Compensation of employees was the largest contributor to growth in Quarter 3 2018

Growth and contribution to growth, Quarter 4 (Oct to Dec) 2016 to Quarter 3 (July to Sept) 2018

Figure 10: Compensation of employees was the largest contributor to growth in Quarter 3 2018

Growth and contribution to growth, Quarter 4 (Oct to Dec) 2016 to Quarter 3 (July to Sept) 2018



Source: Office for National Statistics, GDP: first quarterly estimate

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 Sep), Q4 refers to Quarter 4 (Oct to Dec).

Nominal gross domestic product (GDP), or GDP in current prices, grew by 1.1% in Quarter 3 (July to Sept) 2018, with increases seen in all the components of the income approach to measuring GDP.

Compensation of Employees (CoE) increased by 1.3% in the latest quarter, in line with increases seen in nominal wage growth in the latest [labour market data](#). CoE provided the largest contribution to GDP growth, contributing 0.63 percentage points in the latest quarter (Figure 10).

10 . Quality and methodology

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

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

11 . Related links

[Index of Services](#)

[Index of Production](#)

[Construction output in Great Britain](#)

[GDP, First Quarterly Estimate](#)

GVA1 Monthly GDP based on GVA (Gross Value Added) ¹
Chained volume indices of gross value added at basic prices ^{2,3,4}

seasonally adjusted 2016=100

Section	Industry sections (SIC2007)																						
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction	Total service industries	Wholesale and retail: motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2016 weights	1000	7	138	10	100	17	10	60	796	104	43	30	63	73	138	75	48	47	59	75	15	21	4
	L2KK	L2KL	L2KQ	L2KR	L2KX	L2MW	L2N2	L2N8	L2NC	L2NE	L2NI	L2NQ	L2NT	L2O6	L2OC	L2OI	L2OX	L2P8	L2PA	L2PC	L2PJ	L2PP	L2PT
2013	92.6	93.5	96.4	91.8	96.8	103.1	90.9	84.6	92.6	87.4	94.1	91.5	87.9	101.3	93.1	86.7	84.9	105.8	97.4	93.8	96.7	88.9	98.6
2014	95.7	104.9	97.9	92.3	99.6	96.9	91.5	92.0	95.5	91.7	99.0	94.0	89.0	99.5	96.0	92.2	92.8	103.8	98.9	96.9	99.1	98.6	93.6
2015	98.1	106.0	99.0	99.7	99.6	97.9	94.7	96.1	98.1	95.8	100.3	98.5	94.3	96.6	99.4	96.7	97.9	101.8	100.6	98.4	99.8	102.1	92.5
2016	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2017	102.3	102.9	102.0	100.6	102.6	98.3	103.0	107.2	102.0	101.9	102.1	102.7	106.4	100.4	101.0	104.4	104.3	100.3	100.5	99.6	102.2	103.9	92.3
	ECY2	ECY3	ECY4	ECY5	ECY6	ECY7	ECY8	ECY9	ECYC	ECYD	ECYG	ECYH	ECYI	ECYJ	ECYK	ECYL	ECYP	ECYQ	ECYR	ECYS	ECYT	ECYU	ECYV
2016 Sep	100.6	99.6	100.1	101.7	100.4	97.0	100.3	101.1	100.6	101.0	100.6	101.4	102.9	101.5	99.6	100.9	101.6	99.9	99.6	99.9	99.7	97.1	102.1
Oct	100.5	99.9	98.8	93.2	99.1	99.4	100.7	101.3	100.8	102.1	101.2	101.0	103.6	100.8	99.8	101.0	100.9	99.9	99.7	99.8	99.9	99.9	96.4
Nov	101.1	100.2	101.0	99.3	100.6	104.2	101.4	102.9	100.9	101.9	100.8	101.7	102.9	100.9	99.8	102.2	101.8	99.8	99.9	99.7	100.7	102.0	91.4
Dec	101.7	100.2	102.2	98.3	103.3	99.0	101.4	105.1	101.3	102.0	102.1	101.7	105.0	100.5	99.9	102.9	101.7	99.8	100.3	99.8	102.8	104.3	87.3
2017 Jan	101.8	101.4	101.9	100.0	102.0	101.1	103.4	106.6	101.4	100.9	102.3	102.1	103.0	101.4	100.3	103.6	102.5	99.8	100.8	99.7	103.3	105.0	88.4
Feb	101.6	102.3	101.0	99.4	101.6	97.0	104.0	106.4	101.4	101.3	102.5	103.8	103.0	101.2	100.5	102.4	102.8	99.9	101.0	99.6	101.5	103.5	88.7
Mar	101.8	102.6	100.5	101.5	101.4	92.3	104.4	106.9	101.6	101.6	103.2	102.5	104.3	101.1	100.5	102.9	103.8	100.1	100.8	99.7	100.6	104.9	89.2
Apr	101.8	102.6	100.9	99.4	101.7	96.2	103.0	106.7	101.6	101.6	103.3	105.7	104.3	100.9	100.8	102.1	101.4	100.3	100.5	99.8	102.3	105.5	91.3
May	102.1	102.6	101.5	101.1	101.9	98.7	102.8	106.6	101.8	101.3	102.0	102.9	105.2	100.7	101.1	103.5	104.1	100.4	100.4	99.9	100.6	106.2	92.3
Jun	102.4	102.9	102.0	105.7	102.2	97.8	102.9	107.1	102.1	102.3	100.7	101.7	108.0	100.6	101.1	104.3	104.3	100.4	100.3	99.7	101.0	104.7	96.7
Jul	102.3	103.3	102.1	101.8	102.5	99.3	102.4	106.4	102.0	101.9	101.3	104.0	106.8	100.3	101.2	104.1	104.3	100.3	100.4	99.6	101.1	103.9	98.4
Aug	102.6	103.7	102.0	101.4	102.4	99.6	102.1	108.3	102.2	102.5	101.7	102.1	107.2	100.1	101.4	104.8	104.8	100.2	100.4	99.3	102.8	105.3	97.5
Sep	102.6	103.8	103.0	103.6	103.5	100.3	102.2	107.4	102.1	102.1	101.7	101.4	107.7	99.9	101.2	105.6	104.8	100.3	100.5	99.1	102.9	103.2	95.3
Oct	102.6	103.7	103.2	105.5	104.0	97.2	103.1	106.4	102.2	102.3	102.5	102.0	107.3	101.3	105.6	105.4	100.4	100.5	99.3	103.9	102.9	102.9	91.4
Nov	103.0	103.3	103.3	103.8	104.1	99.2	102.6	108.0	102.5	102.9	102.9	103.0	107.8	99.4	101.4	107.1	106.5	100.6	100.4	99.5	102.4	100.8	88.3
Dec	103.1	102.8	102.3	84.0	104.3	100.9	103.3	109.6	102.7	101.9	103.0	103.3	110.6	99.6	101.4	107.3	106.4	100.6	100.3	99.6	104.1	101.0	90.1
2018 Jan	103.2	102.2	103.1	102.6	104.4	97.4	101.0	107.5	102.9	102.4	102.6	104.2	109.2	99.8	101.5	108.8	106.8	100.6	100.2	99.6	103.1	102.0	92.8
Feb	102.9	101.9	103.2	100.6	104.0	100.7	101.7	106.6	102.6	102.9	101.3	102.9	108.3	100.0	101.6	107.6	104.8	100.6	100.3	99.6	102.8	101.3	95.3
Mar	103.0	101.9	103.0	97.7	103.6	102.6	102.3	104.9	102.8	102.1	101.0	103.2	110.3	100.0	101.6	108.2	105.3	100.7	100.6	99.7	104.5	102.3	99.1
Apr	103.2	102.1	102.3	104.6	102.7	99.6	100.8	104.9	103.2	103.2	102.1	104.0	110.3	100.0	101.5	109.4	105.7	100.7	100.9	99.7	105.6	102.5	98.0
May	103.5	102.2	101.7	99.1	103.0	95.4	102.1	107.9	103.5	104.9	103.0	104.7	110.8	99.9	101.6	108.8	105.3	100.7	101.0	99.7	105.9	101.3	95.5
Jun	103.7	102.0	102.7	99.2	104.0	95.8	104.5	108.9	103.5	104.5	103.5	105.7	111.9	100.0	101.5	108.0	105.3	100.6	100.8	99.8	107.5	100.9	94.5
Jul	104.0	102.2	103.1	102.7	103.8	99.1	102.9	109.1	103.8	105.3	104.0	106.8	111.6	100.4	101.6	109.6	105.6	100.6	100.7	99.8	106.8	100.7	92.1
Aug	104.0	102.3	103.1	103.5	103.7	98.8	103.1	108.8	103.9	105.6	103.6	105.5	113.2	100.6	101.6	109.3	104.9	100.6	100.7	100.0	106.7	100.1	93.5
Sep	104.1	102.3	103.0	101.8	104.0	98.4	102.4	110.7	103.8	104.0	103.0	105.0	114.6	100.2	101.6	110.1	104.8	100.6	101.0	100.1	108.4	99.0	94.9
Percentage change, latest year on previous year	L3BA	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3E4	L3E8	L3EG	L3EJ	L3EU	L3F2	L3F8	L3FN	L3FW	L3FY	L3G2	L3G9	L3GF	L3GJ
2013	1.4	0.4	-0.7	-2.8	-1.0	-0.1	4.2	1.5	1.8	5.0	1.1	-2.7	2.3	-2.2	2.5	5.6	4.9	-2.4	0.7	2.3	-3.6	0.2	1.9
2014	3.4	12.2	1.5	0.6	2.9	-6.0	0.7	8.8	3.2	4.9	5.2	2.7	1.3	-1.7	3.1	6.3	9.4	-1.8	1.5	3.4	2.5	11.0	-5.1
2015	2.5	1.1	1.2	8.0	0.0	1.0	3.4	4.4	2.7	4.5	1.3	4.8	6.0	-2.9	3.5	4.9	5.5	-1.9	1.7	1.5	0.7	3.6	-1.2
2016	1.9	-5.6	1.0	0.3	0.4	2.1	5.6	4.1	1.9	4.4	-0.3	1.5	6.0	3.5	0.6	3.4	2.1	-1.8	-0.6	1.6	0.2	-2.1	8.1
2017	2.3	2.9	2.0	0.6	2.6	-1.7	3.0	7.2	2.0	1.9	2.1	2.7	6.4	0.4	1.0	4.4	4.3	0.3	0.5	-0.4	2.2	3.9	-7.7
Percentage change, latest 3 months on previous 3 months	ED3H	ED3I	ED3J	ED3K	ED3L	ED3M	ED3N	ED3O	ED3P	ED3Q	ED3R	ED3S	ED3T	ED3U	ED3V	ED3W	ED3X	ED3Y	ED3Z	ED42	ED43	ED44	ED9R
2016 Sep	0.6	-0.2	-0.4	5.1	-0.5	-3.9	0.1	1.1	0.8	0.9	0.6	0.8	4.4	1.8	-0.2	0.9	1.2	0.0	-0.1	-0.1	1.0	-0.8	-0.2
Oct	0.8	0.1	-0.5	-3.2	0.1	-2.1	-0.5	1.4	1.0	1.8	1.4	1.7	4.5	1.0	0.0	1.2	1.8	0.1	-0.3	-0.2	-0.4	-0.4	-6.4
Nov	0.9	0.4	-0.1	-6.7	0.6	0.4	0.2	2.3	0.9	2.2	1.3	1.8	3.2	0.4	0.0	1.4	2.2	0.0	-0.1	-0.3	0.6	0.8	-11.0
Dec	0.9	0.6	0.6	-7.8	1.3	2.4	0.6	2.9	0.8	1.8	1.4	1.4	2.1	-0.4	0.1	1.5	1.3	0.0	0.3	-0.3	1.5	3.7	-13.6
2017 Jan	1.1	1.0	2.1	-0.8	2.3	3.0	1.5	4.2	0.7	0.5	1.1	0.8	0.9	-0.2	0.3	2.0	1.3	-0.1	0.7	-0.2	3.0	5.2	-12.5
Feb	1.0	1.4	1.7	1.2	2.3	-1.2	2.1	4.2	0.6	-0.2	1.4	1.1	0.5	0.0	0.5	1.6	0.8	0.0	0.9	-0.1	2.4	4.6	-8.8
Mar	0.6	2.0	0.4	3.5	0.7	-4.0	2.8	3.4															

Industry sections (SIC2007)

Section	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction	Total service industries	Wholesale and retail: motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2016 weights	1000	7	138	10	100	17	10	60	796	104	43	30	63	73	138	75	48	47	59	75	15	21	4

Percentage change, latest 3 months on same 3 months a year ago

	ED9T	ED9U	ED9V	ED9W	EDGQ	EDGR	EDGS	EDGT	EDGU	EDGV	EDGW	EDGX	EDGY	EDGZ	EDHA	EDHB	EDHC	EDHD	EDHE	EDHF	EDHG	EDHH	EDHI
2016 Sep	1.9	-6.5	0.9	3.3	0.4	0.1	5.1	4.7	1.9	4.2	-0.6	1.7	7.2	6.3	-0.4	3.6	0.8	-1.4	-1.1	1.1	-0.6	-4.6	21.9
Oct	2.0	-6.0	0.1	-2.2	0.1	-1.0	5.8	5.0	2.1	5.3	0.1	1.7	8.4	5.8	-0.5	3.4	1.6	-1.3	-1.2	0.9	-0.4	-3.9	12.8
Nov	2.1	-5.3	0.7	-2.6	0.5	1.5	6.1	5.8	2.1	5.5	0.4	1.3	8.5	5.2	-0.5	3.5	2.5	-1.2	-1.2	0.6	-0.1	-3.0	1.6
Dec	2.3	-4.3	2.1	-2.8	1.9	5.0	5.3	6.1	2.1	5.3	1.1	1.1	8.3	3.8	-0.5	4.0	2.9	-1.2	-1.1	0.4	0.2	-0.1	-6.6
2017 Jan	2.6	-2.6	3.4	1.1	2.8	7.5	5.5	7.6	2.1	4.0	1.8	2.0	7.4	3.0	-0.3	5.3	3.4	-1.1	-0.6	0.2	0.6	2.2	-9.5
Feb	2.6	-0.6	3.3	1.7	3.2	4.1	5.5	7.9	2.1	3.1	2.5	2.8	7.3	2.5	-0.3	5.2	3.2	-0.9	-0.2	-0.1	0.7	3.2	-8.8
Mar	2.6	1.3	2.4	2.5	2.7	-1.3	6.4	9.4	2.2	2.7	3.4	3.6	6.5	2.6	0.0	5.2	3.6	-0.6	0.3	-0.5	1.2	4.1	-7.4
Apr	2.4	2.4	1.2	1.2	2.1	-5.9	5.6	8.7	2.1	2.8	3.2	4.3	7.4	2.4	0.1	3.7	3.0	-0.2	0.6	-0.5	2.0	4.4	-8.6
May	2.5	2.8	0.9	1.5	1.7	-6.4	3.8	8.7	2.4	2.4	3.2	4.0	8.3	1.9	0.6	3.8	4.2	0.3	0.7	-0.4	2.3	6.0	-11.0
Jun	2.5	3.0	0.9	2.0	1.7	-4.8	2.4	7.7	2.4	2.5	2.0	3.4	9.2	1.3	1.1	3.7	4.3	0.5	0.6	-0.3	2.7	6.4	-12.2
Jul	2.6	3.4	1.7	-0.4	2.6	-2.0	1.7	7.5	2.4	2.5	2.1	3.6	8.4	0.5	1.4	4.3	5.4	0.6	0.4	-0.4	1.3	5.9	-11.9
Aug	2.5	3.8	2.0	-2.1	3.0	-0.8	1.8	7.8	2.2	2.7	1.7	3.0	7.3	-0.3	1.5	4.3	5.2	0.5	0.6	-0.6	2.1	5.8	-10.2
Sep	2.3	4.2	2.3	-2.7	3.1	1.2	1.6	7.1	1.9	2.0	1.6	2.4	5.5	-1.1	1.6	4.3	4.5	0.4	0.7	-0.7	2.6	5.9	-8.6
Oct	2.2	4.1	3.1	3.5	3.6	0.6	1.9	6.7	1.6	1.2	1.3	0.8	4.5	-1.3	1.5	4.5	4.3	0.5	0.8	-0.7	3.9	5.2	-6.9
Nov	2.0	3.7	3.2	6.3	3.8	-1.3	1.8	5.4	1.5	0.7	1.5	0.7	4.3	-1.5	1.5	4.7	4.1	0.6	0.7	-0.5	3.0	2.7	-5.2
Dec	1.8	3.1	2.2	0.8	3.1	-1.8	1.8	4.7	1.5	0.3	1.4	1.3	4.5	-1.2	1.5	4.6	4.6	0.7	0.4	-0.3	2.3	-0.5	-1.9
2018 Jan	1.6	2.1	1.2	-2.4	2.2	-2.3	0.2	3.3	1.5	0.8	1.1	1.7	5.3	-1.3	1.4	4.7	4.5	0.8	0.0	-0.1	0.9	-2.4	1.5
Feb	1.4	1.0	1.1	-3.5	1.9	0.6	-0.9	1.7	1.4	1.0	0.0	0.9	5.5	-1.2	1.3	4.8	3.6	0.8	-0.4	-0.1	0.8	-2.7	5.2
Mar	1.3	-0.1	2.0	0.0	2.3	3.5	-2.2	-0.3	1.3	1.2	-1.0	0.6	5.6	-1.3	1.1	5.1	2.5	0.7	-0.5	0.0	1.7	-2.5	7.8
Apr	1.3	-0.5	2.0	0.8	1.9	6.1	-2.1	-1.1	1.3	1.2	-0.9	0.1	5.1	-1.1	1.0	5.8	2.5	0.6	-0.2	-0.1	2.8	-2.5	8.6
May	1.3	-0.5	1.4	-0.2	1.4	3.6	-1.6	-0.8	1.5	1.9	-0.2	1.0	5.2	-0.9	0.8	5.8	2.3	0.4	0.3	-0.1	4.1	-3.3	7.3
Jun	1.4	-0.5	0.8	-1.1	1.3	-0.7	-0.4	0.4	1.5	2.4	1.4	2.1	4.5	-0.8	0.5	5.3	2.1	0.3	0.5	-0.1	4.9	-3.7	2.8
Jul	1.5	-0.8	0.6	-2.5	1.4	-1.9	0.5	1.8	1.6	3.0	2.1	2.7	4.5	-0.4	0.4	4.7	1.1	0.3	0.5	0.1	5.7	-3.8	-1.8
Aug	1.5	-1.1	0.9	-1.1	1.4	-1.0	1.0	1.5	1.6	2.8	2.4	3.3	4.6	0.0	0.3	4.4	0.8	0.3	0.4	0.3	5.3	-3.9	-4.3
Sep	1.5	-1.3	0.7	0.4	1.0	-1.0	0.5	2.0	1.7	2.7	1.9	3.2	5.5	0.3	0.3	4.6	0.5	0.3	0.4	0.6	4.9	-4.0	-3.7

Percentage change, latest month on previous month

	ECYX	ECYY	ECYZ	ECZ2	ECZA	ECZC	ECZD	ECZE	ECZG	ECZK	ECZN	ECZT	ECZU	ED2G	ED2H	ED2I	ED2J	ED2K	ED2L	ED2M	ED2N	ED2O	ED2P
2016 Sep	0.4	0.2	0.0	-3.2	0.8	-2.1	-0.2	1.6	0.4	0.9	0.5	0.9	1.1	0.5	-0.2	0.3	2.1	0.0	0.0	-0.2	1.5	-1.8	-4.3
Oct	0.0	0.3	-1.3	-8.3	-1.3	2.4	0.4	0.3	0.2	1.0	0.5	-0.4	0.7	-0.7	0.2	0.1	-0.6	0.0	0.1	-0.1	0.2	2.8	-5.6
Nov	0.5	0.3	2.3	6.5	1.5	4.9	0.7	1.6	0.1	-0.2	-0.3	0.7	-0.7	0.1	0.0	1.2	0.9	0.0	0.2	-0.1	0.8	2.1	-5.2
Dec	0.6	0.1	1.2	-1.0	2.6	-5.0	-0.1	2.2	0.4	0.2	1.2	-0.1	2.1	-0.4	0.0	0.6	-0.2	0.0	0.4	0.1	2.1	2.2	-4.5
2017 Jan	0.1	1.2	-0.4	1.7	-1.2	2.1	2.1	1.4	0.0	-1.1	0.3	0.4	-1.9	0.9	0.5	0.7	0.8	0.0	0.5	-0.1	0.5	0.7	1.3
Feb	-0.1	0.8	-0.8	-0.6	-0.5	-4.0	0.6	-0.2	0.0	0.4	0.2	1.7	-0.1	-0.1	0.1	-1.1	0.3	0.1	0.2	0.0	-1.7	-1.5	0.3
Mar	0.2	0.3	-0.5	2.2	-0.2	-4.8	0.4	0.5	0.3	0.3	0.7	-1.2	1.2	-0.1	0.1	0.4	1.0	0.2	-0.2	0.1	-0.9	1.4	0.5
Apr	0.0	0.0	0.4	-2.1	0.3	4.2	-1.4	-0.2	-0.1	0.0	-1.6	0.8	1.3	-0.2	0.3	-0.7	-2.3	0.2	-0.2	0.2	1.7	0.6	2.4
May	0.3	0.0	0.6	1.7	0.2	2.6	-0.1	-0.1	0.2	-0.3	0.5	-0.4	-0.4	-0.1	0.3	1.4	2.6	0.1	-0.2	0.1	-1.6	0.6	1.1
Jun	0.3	0.3	0.4	4.5	0.3	-0.9	0.0	0.5	0.3	1.1	-1.3	-1.1	2.6	-0.1	0.1	0.7	0.2	0.0	-0.1	-0.2	0.4	-1.3	4.8
Jul	-0.1	0.4	0.1	-3.7	0.3	1.6	-0.4	-0.7	-0.1	-0.4	0.6	2.2	-1.1	-0.3	0.1	-0.2	-0.1	-0.1	0.0	-0.1	0.1	-0.8	1.8
Aug	0.3	0.4	-0.1	-0.4	-0.1	0.3	-0.3	1.8	0.2	0.5	0.4	-1.9	0.3	-0.2	0.2	0.6	0.5	-0.1	0.1	-0.2	1.6	1.3	-1.0
Sep	0.0	0.1	1.0	2.2	1.0	0.6	0.1	-0.8	-0.1	-0.3	-0.1	-0.7	0.5	-0.2	-0.2	0.9	0.1	0.1	0.1	-0.2	0.1	-1.9	-2.3
Oct	0.0	-0.1	0.2	1.8	0.5	-3.1	0.9	-0.9	0.1	0.1	0.8	0.6	-0.4	-0.4	0.1	0.0	0.6	0.1	0.0	0.1	1.0	-0.3	-4.1
Nov	0.4	-0.4	0.1	-1.6	0.1	2.0	-0.5	1.5	0.3	0.6	0.4	1.0	0.5	-0.1	0.1	1.4	1.0	0.1	-0.1	0.2	-1.4	-2.0	-3.4
Dec	0.1	-0.5	-1.0	-19.0	0.2	1.7	0.7	1.5	0.2	-0.9	0.1	0.2	2.6	0.1	0.0	0.2	-0.1	0.1	0.0	0.1	1.6	0.2	2.0
2018 Jan	0.1	-0.5	0.8	22.1	0.1	-3.5	-2.2	-1.9	0.2	0.4	-0.3	0.9	-1.3	0.2	0.1	1.4	0.3	0.0	-0.1	0.0	-0.9	0.9	3.0
Feb	-0.3	-0.3	0.0	-2.0	-0.4	3.4	0.7	-0.9	-0.3	0.5	-1.3	-1.3	-0.8	0.2	0.1	-1.2	-1.9	0.0	0.1	0.0	-0.3	-0.7	2.7
Mar	0.1	0.0	-0.2	-2.9	-0.4	1.9	0.6	-1.6	0.2	-0.7	-0.3	0.3	1.8	0.0	0.0	0.6	0.5	0.0	0.3	0.0	1.7	1.0	4.0
Apr	0.2	0.2	-0.6	7.1	-0.9	-3.0	-1.5	0.0	0.4	1.0	1.1	0.8	0.1	-0.1	-0.1	1.0	0.4	0.0	0.3	0.0	1.0	0.2	-1.1
May	0.3	0.2	-0.6	-5.3	0.3	-4.2	1.3	2.8	0.2	1.7	-0.9	0.7	0.4	-0.1	0.0	-0.5	-0.4	0.0	0.1	0.0	0.3	-1.1	-2.6
Jun	0.2	-0.2	0.9	0.0	1.0	0.5	2.3	0.9	0.0	-0.4	0.5	1.0	1.0	0.0	-0.1	-0.7	0.0	-0.1	-0.2	0.1	1.5	-0.4	-1.1
Jul	0.3	0.1	0.4	3.5	-0.2	3.4	-1.5	0.2	0.3	0.8	0.5	1.0	-0.3	0.5	0.1	1.4	0.3	0.0	-0.1	0.0	-0.6	-0.2	-2.6
Aug	0.0	0.1	0.0	0.8	-0.1	-0.3	0.2	-0.3	0.0	0.3	-0.4	-1.2	1.4	0.2	0.0	-0.2	-0.6	0.0	0.0	0.2	-0.2	-0.6	1.5
Sep	0.0	0.1	0.0	-1.6	0.2	-0.3	-0.7	1.7	-0.1	-1.6	-0.6	-0.5	1.2	-0.4	0.0	0.7	-0.1	0.0	0.3	0.1	1.7	-1.2	1.5

1 The GVA output is designated as a National Statistic.
2 Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
3 Estimates cannot be regarded as accurate to the last digit shown.
4 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
5 A complete run of data is available on the ONS website.

GVA3 Monthly GDP based on GVA (Gross Value Added) ¹
Chained volume indices of gross value added at basic prices ^{2,3,4}

seasonally adjusted 2016=100

Section	Industry sections (SIC2007)																						
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction	Total service industries	Wholesale and retail: motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2016 weights	1000	7	138	10	100	17	10	60	796	104	43	30	63	73	138	75	48	47	59	75	15	21	4

Percentage change, latest month on same month a year ago

	ED2R	ED2S	ED2T	ED2U	ED2V	ED2W	ED2X	ED2Y	ED2Z	ED32	ED33	ED34	ED35	ED36	ED37	ED38	ED39	ED3A	ED3B	ED3C	ED3D	ED3E	ED3F
2016 Sep	2.1	-6.1	0.4	0.7	0.2	-2.1	6.3	5.8	2.2	4.9	0.0	1.6	10.7	6.1	-0.7	3.3	2.5	-1.2	-1.3	1.0	-1.6	-6.4	12.8
Oct	1.8	-5.4	-0.7	-7.6	-0.4	-1.7	5.4	4.5	2.2	6.2	0.6	0.2	8.5	5.0	-0.4	2.8	2.0	-1.2	-1.2	0.6	0.9	-1.8	1.7
Nov	2.4	-4.4	2.5	-1.0	1.6	8.5	6.6	7.1	2.0	5.4	0.7	2.0	6.3	4.3	-0.4	4.3	3.0	-1.2	-1.1	0.3	0.5	-0.9	-8.7
Dec	2.7	-3.0	4.5	0.2	4.4	8.6	4.1	6.8	2.1	4.3	2.0	1.0	10.0	2.1	-0.7	5.0	3.6	-1.3	-0.9	0.3	-0.8	2.5	-12.3
2017 Jan	2.7	-0.4	3.2	4.2	2.4	5.3	5.8	9.0	2.2	2.4	2.7	3.0	5.9	2.7	0.1	6.7	3.6	-0.9	0.2	-0.1	2.0	5.1	-7.5
Feb	2.3	1.7	2.4	0.8	2.7	-1.3	6.7	7.9	1.8	2.8	2.8	4.4	5.9	2.6	-0.2	3.9	2.4	-0.7	0.0	-0.6	1.0	2.2	-6.6
Mar	2.9	2.7	1.8	2.6	2.8	-7.6	6.6	11.3	2.4	2.9	4.7	3.5	7.6	2.4	0.0	5.1	4.8	-0.1	0.8	-0.6	0.6	4.9	-8.0
Apr	2.1	2.8	-0.4	0.2	0.6	-8.7	3.7	7.0	2.2	2.6	2.1	5.1	8.7	2.0	0.6	2.2	1.8	0.3	1.1	-0.3	4.4	6.1	-10.9
May	2.6	2.9	1.2	1.8	1.8	-2.7	1.2	7.9	2.4	1.7	2.7	3.5	8.5	1.3	1.3	4.0	5.9	0.7	0.3	-0.2	2.0	6.8	-13.9
Jun	2.8	3.3	2.0	3.9	2.7	-2.9	2.3	8.3	2.6	3.2	1.2	1.7	10.3	0.7	1.3	4.8	5.4	0.7	0.4	-0.4	1.6	6.1	-11.7
Jul	2.4	3.9	2.0	-6.4	3.5	-0.2	1.5	6.2	2.2	2.7	2.2	5.8	6.5	-0.6	1.5	4.1	5.0	0.5	0.6	-0.5	0.2	4.9	-10.2
Aug	2.4	4.3	1.9	-3.4	2.8	0.6	1.5	8.9	2.0	2.4	1.6	1.6	5.3	-0.9	1.6	4.1	5.3	0.4	0.7	-0.8	4.6	6.4	-8.7
Sep	2.0	4.3	2.9	1.9	3.1	3.4	1.9	6.2	1.5	1.1	1.1	0.0	4.6	-1.6	1.6	4.7	3.2	0.4	0.9	-0.7	3.2	6.3	-6.7
Oct	2.1	3.8	4.5	13.1	5.0	-2.2	2.4	5.0	1.4	0.2	1.3	0.9	3.5	-1.3	1.5	4.5	4.5	0.6	0.8	-0.5	4.0	3.1	-5.2
Nov	1.9	3.1	2.3	4.5	3.4	-4.8	1.1	5.0	1.6	1.0	2.0	1.3	4.8	-1.4	1.5	4.8	4.6	0.7	0.4	-0.2	1.7	-1.1	-3.4
Dec	1.4	2.5	0.0	-14.5	1.0	1.9	1.9	4.2	1.4	-0.9	1.9	1.6	5.3	-0.9	1.5	4.4	4.7	0.8	0.0	-0.2	1.3	-3.1	3.2
2018 Jan	1.4	0.8	1.2	2.6	2.3	-3.7	-2.3	0.9	1.5	1.4	0.3	2.1	5.9	-1.5	1.2	5.0	4.2	0.8	-0.5	0.0	-0.2	-2.9	4.9
Feb	1.3	-0.4	2.1	1.2	2.4	3.8	-2.2	0.2	1.2	1.6	-1.1	-0.9	5.2	-1.2	1.2	5.0	1.9	0.7	-0.7	0.0	1.3	-2.1	7.4
Mar	1.2	-0.7	2.5	-3.8	2.2	11.1	-2.0	-1.9	1.2	0.5	-2.2	0.6	5.7	-1.0	1.1	5.2	1.5	0.6	-0.2	0.0	3.9	-2.5	11.2
Apr	1.4	-0.5	1.4	5.2	1.0	3.5	-2.1	-1.7	1.6	1.6	0.5	0.6	4.4	-0.9	0.7	7.1	4.2	0.4	0.3	-0.2	3.2	-2.9	7.4
May	1.4	-0.3	0.2	-1.9	1.1	-3.4	-0.7	1.2	1.6	3.6	1.0	1.7	5.3	-0.8	0.5	5.2	1.2	0.3	0.6	-0.2	5.2	-4.5	3.5
Jun	1.3	-0.8	0.7	-6.1	1.8	-2.0	1.6	1.6	1.4	2.1	2.8	3.9	3.7	-0.7	0.3	3.6	0.9	0.2	0.5	0.1	6.4	-3.7	-2.2
Jul	1.7	-1.1	1.0	0.9	1.3	-0.2	0.5	2.5	1.8	3.3	2.7	2.6	4.5	0.2	0.3	5.3	1.3	0.3	0.4	0.3	5.6	-3.1	-6.5
Aug	1.4	-1.4	1.0	2.1	1.3	-0.9	1.0	0.5	1.6	3.1	1.8	3.3	5.6	0.5	0.1	4.4	0.1	0.3	0.3	0.7	3.8	-4.9	-4.1
Sep	1.5	-1.4	0.0	-1.8	0.5	-1.8	0.2	3.1	1.6	1.8	1.3	3.6	6.4	0.3	0.4	4.2	0.0	0.2	0.5	1.0	5.4	-4.1	-0.4

1 The GVA output is designated as a National Statistic.
2 Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
3 Estimates cannot be regarded as accurate to the last digit shown.
4 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
5 A complete run of data is available on the ONS website.

Sources: For further information on these data please telephone 01633 456724 or E-mail gdp@ons.gov.uk

CONTRIB 1 Monthly GDP based on GVA (Gross Value Added) ¹
Contributions to growth of gross value added at basic prices ^{2,3}

seasonally adjusted 2016=100

Section	Industry sections (SIC2007)																						
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2016 weights	1000	7	138	10	100	17	10	60	796	104	43	30	63	73	138	75	48	47	59	75	15	21	4

Contribution to growth, latest 3 months on previous 3 months

	EDMB	EDMC	EDMD	EDME	EDMF	EDMG	EDMH	EDMI	EDMJ	EDMK	EDML	EDMM	EDMN	EDMO	EDMP	EDMQ	EDMR	EDMS	EDMT	EDMU	EDMV	EDMW	EDMX
2016 Sep	0.63	0.00	-0.06	0.06	-0.05	-0.07	0.00	0.07	0.63	0.10	0.02	0.02	0.28	0.13	-0.03	0.07	0.05	0.00	-0.01	-0.01	0.01	-0.02	0.00
Oct	0.78	0.00	-0.07	-0.04	0.01	-0.04	0.00	0.08	0.76	0.19	0.06	0.05	0.29	0.07	0.00	0.09	0.08	0.00	-0.02	-0.01	-0.01	-0.01	-0.03
Nov	0.85	0.00	-0.01	-0.08	0.06	0.01	0.00	0.14	0.72	0.23	0.06	0.05	0.21	0.03	0.00	0.11	0.10	0.00	0.00	-0.02	0.01	0.02	-0.05
Dec	0.90	0.00	0.08	-0.10	0.13	0.04	0.01	0.18	0.63	0.20	0.06	0.04	0.14	-0.03	0.02	0.12	0.06	0.00	0.02	-0.02	0.02	0.07	-0.06
2017 Jan	1.08	0.01	0.28	-0.01	0.23	0.05	0.02	0.25	0.54	0.05	0.05	0.02	0.06	-0.02	0.04	0.15	0.06	0.00	0.04	-0.01	0.04	0.11	-0.05
Feb	0.97	0.01	0.24	0.01	0.22	-0.02	0.02	0.25	0.46	-0.03	0.06	0.03	0.03	0.00	0.06	0.12	0.04	0.00	0.05	-0.01	0.04	0.10	-0.03
Mar	0.62	0.01	0.06	0.03	0.06	-0.07	0.03	0.21	0.34	-0.08	0.06	0.04	-0.03	0.04	0.08	0.07	0.07	0.00	0.05	-0.01	0.01	0.05	-0.01
Apr	0.22	0.01	-0.12	0.01	-0.04	-0.11	0.02	0.11	0.23	-0.01	0.03	0.04	0.04	0.01	0.08	-0.03	0.03	0.01	0.03	0.00	-0.01	0.02	0.00
May	0.18	0.01	-0.10	0.01	-0.06	-0.06	0.00	0.04	0.23	0.01	0.00	0.01	0.08	-0.01	0.08	-0.01	0.04	0.02	-0.01	0.01	-0.02	0.03	0.01
Jun	0.34	0.00	0.05	0.02	0.03	0.01	-0.01	0.01	0.28	0.05	-0.05	0.00	0.18	-0.03	0.08	0.02	0.01	0.02	-0.02	0.01	-0.01	0.02	0.02
Jul	0.51	0.00	0.14	0.03	0.07	0.06	-0.01	0.00	0.36	0.04	-0.05	-0.01	0.15	-0.04	0.07	0.11	0.07	0.01	-0.02	0.00	-0.01	0.01	0.02
Aug	0.53	0.00	0.14	0.02	0.07	0.05	-0.01	0.03	0.35	0.08	-0.04	-0.01	0.14	-0.04	0.06	0.11	0.06	0.00	-0.01	-0.02	0.01	-0.02	0.03
Sep	0.40	0.01	0.12	0.00	0.09	0.04	-0.01	0.03	0.24	0.05	0.01	0.00	0.06	-0.05	0.04	0.11	0.06	0.00	0.00	-0.03	0.01	-0.03	0.01
Oct	0.33	0.01	0.12	0.01	0.11	0.01	0.00	0.04	0.17	0.05	0.03	-0.03	0.04	-0.05	0.02	0.10	0.04	0.00	0.01	-0.03	0.03	-0.02	0.00
Nov	0.30	0.00	0.16	0.01	0.14	0.00	0.00	0.00	0.14	0.02	0.05	-0.01	0.02	-0.05	0.00	0.13	0.05	0.01	0.00	-0.02	0.02	-0.05	-0.02
Dec	0.40	0.00	0.08	-0.05	0.13	-0.01	0.01	0.04	0.28	0.02	0.05	0.01	0.08	-0.04	0.01	0.14	0.07	0.01	0.00	0.01	0.02	-0.05	-0.03
2018 Jan	0.49	-0.01	0.03	-0.08	0.09	0.00	0.00	0.06	0.41	0.01	0.03	0.05	0.11	-0.02	0.02	0.18	0.07	0.01	-0.01	0.02	0.00	-0.06	-0.02
Feb	0.33	-0.01	-0.04	-0.10	0.04	0.01	-0.01	0.04	0.35	0.00	0.00	0.04	0.11	0.01	0.03	0.13	0.02	0.01	-0.01	0.02	0.00	-0.02	0.00
Mar	0.14	-0.01	-0.02	0.03	-0.01	0.02	-0.01	-0.10	0.22	0.01	-0.05	0.02	0.04	0.03	0.03	0.11	-0.02	0.00	0.00	0.01	0.00	0.01	0.02
Apr	-0.06	0.00	-0.01	0.05	-0.08	0.03	-0.01	-0.17	0.12	0.04	-0.06	-0.01	0.03	0.03	0.02	0.05	-0.06	0.00	0.02	0.00	0.02	0.02	0.03
May	0.15	0.00	-0.07	0.06	-0.11	-0.01	0.00	-0.11	0.34	0.10	-0.01	0.01	0.07	0.01	0.07	-0.03	0.00	0.03	0.00	0.03	0.00	0.01	0.02
Jun	0.41	0.00	-0.12	0.01	-0.07	-0.06	0.01	0.05	0.47	0.17	0.05	0.04	0.11	0.00	-0.01	0.04	-0.01	0.00	0.03	0.00	0.04	-0.01	0.00
Jul	0.69	0.00	-0.05	-0.01	0.02	-0.07	0.02	0.18	0.55	0.22	0.09	0.07	0.11	0.01	-0.01	0.03	0.01	0.00	0.02	0.01	0.03	-0.02	-0.01
Aug	0.68	0.00	0.08	0.01	0.07	-0.02	0.02	0.17	0.42	0.18	0.07	0.06	0.11	0.03	-0.01	0.01	-0.01	0.00	0.00	0.01	0.02	-0.03	-0.02
Sep	0.58	0.00	0.11	0.02	0.06	0.03	0.00	0.13	0.33	0.08	0.03	0.03	0.13	0.03	0.01	0.07	-0.02	-0.01	-0.01	0.02	0.02	-0.04	-0.01

Contribution to growth, latest 3 months on same 3 months a year ago

	EDMY	EDMZ	EDNA	EDNB	EDNC	EDND	EDNE	EDNF	EDNG	EDNH	EDNI	EDNJ	EDNK	EDNL	EDNM	EDNN	EDNO	EDNP	EDNQ	EDNR	EDNS	EDNT	EDNU
2016 Sep	1.90	-0.04	0.12	0.04	0.04	0.00	0.05	0.28	1.54	0.44	-0.03	0.05	0.46	0.44	-0.06	0.27	0.04	-0.06	-0.07	0.08	-0.01	-0.10	0.08
Oct	1.98	-0.04	0.02	-0.03	0.01	-0.02	0.06	0.30	1.70	0.55	0.01	0.05	0.53	0.40	-0.07	0.26	0.07	-0.06	-0.07	0.07	-0.01	-0.08	0.05
Nov	2.11	-0.03	0.10	-0.03	0.05	0.03	0.06	0.35	1.69	0.57	0.02	0.04	0.53	0.36	-0.07	0.27	0.12	-0.06	-0.07	0.05	0.00	-0.06	0.01
Dec	2.30	-0.03	0.29	-0.03	0.19	0.08	0.05	0.37	1.67	0.55	0.05	0.03	0.52	0.27	-0.07	0.31	0.13	-0.06	-0.06	0.03	0.00	0.00	-0.03
2017 Jan	2.60	-0.02	0.47	0.01	0.28	0.12	0.05	0.45	1.69	0.41	0.08	0.06	0.45	0.22	-0.05	0.40	0.16	-0.05	-0.04	0.01	0.01	0.05	-0.04
Feb	2.56	0.00	0.46	0.02	0.32	0.07	0.05	0.47	1.64	0.32	0.11	0.08	0.44	0.18	-0.04	0.39	0.15	-0.04	-0.01	-0.01	0.01	0.07	-0.04
Mar	2.62	0.01	0.33	0.03	0.27	-0.02	0.06	0.55	1.72	0.28	0.15	0.11	0.40	0.19	-0.01	0.39	0.17	-0.03	0.02	-0.03	0.02	0.09	-0.03
Apr	2.41	0.02	0.17	0.01	0.21	-0.11	0.06	0.51	1.71	0.29	0.14	0.13	0.45	0.17	0.02	0.28	0.14	-0.01	0.04	-0.04	0.03	0.09	-0.03
May	2.52	0.02	0.12	0.02	0.17	-0.11	0.04	0.51	1.87	0.25	0.14	0.12	0.51	0.14	0.09	0.28	0.20	0.01	0.04	-0.03	0.04	0.13	-0.05
Jun	2.51	0.02	0.13	0.02	0.17	-0.09	0.02	0.46	1.91	0.26	0.09	0.10	0.56	0.10	0.15	0.28	0.21	0.03	0.04	-0.02	0.04	0.13	-0.05
Jul	2.61	0.02	0.24	0.00	0.26	-0.03	0.02	0.44	1.91	0.26	0.09	0.11	0.52	0.03	0.19	0.33	0.26	0.03	0.02	-0.03	0.02	0.12	-0.05
Aug	2.55	0.02	0.27	-0.02	0.30	-0.01	0.02	0.46	1.79	0.28	0.07	0.09	0.46	-0.02	0.21	0.33	0.25	0.02	0.03	-0.04	0.03	0.12	-0.05
Sep	2.27	0.03	0.31	-0.03	0.31	0.02	0.02	0.42	1.51	0.21	0.07	0.07	0.35	-0.08	0.22	0.33	0.21	0.02	0.04	-0.05	0.04	0.12	-0.04
Oct	2.16	0.03	0.42	0.04	0.36	0.01	0.02	0.40	1.30	0.12	0.06	0.02	0.29	-0.10	0.21	0.34	0.21	0.02	0.05	-0.05	0.06	0.11	-0.03
Nov	1.99	0.02	0.44	0.06	0.38	-0.02	0.02	0.33	1.20	0.08	0.06	0.02	0.28	-0.11	0.21	0.36	0.20	0.03	0.04	-0.04	0.04	0.06	-0.02
Dec	1.77	0.02	0.31	0.01	0.31	-0.03	0.02	0.29	1.15	0.04	0.06	0.04	0.29	-0.09	0.20	0.35	0.22	0.03	0.02	-0.02	0.04	-0.01	-0.01
2018 Jan	1.56	0.01	0.17	-0.03	0.23	-0.04	0.00	0.20	1.18	0.08	0.05	0.05	0.34	-0.09	0.19	0.36	0.22	0.04	0.00	-0.01	0.01	-0.06	0.01
Feb	1.35	0.01	0.16	-0.04	0.19	0.01	-0.01	0.11	1.08	0.10	0.00	0.03	0.34	-0.09	0.17	0.36	0.17	0.04	-0.02	0.00	0.01	-0.07	0.02
Mar	1.28	0.00	0.27	0.00	0.23	0.06	-0.02	-0.02	1.03	0.12	-0.04	0.02	0.35	-0.09	0.15	0.38	0.12	0.03	-0.03	0.00	0.02	-0.06	0.03
Apr	1.27	0.00	0.28	0.01	0.19	0.10	-0.02	-0.07	1.07	0.13	-0.04	0.00	0.32	-0.07	0.13	0.43	0.12	0.03	-0.01	0.00	0.04	-0.06	0.03
May	1.32	0.00	0.19	0.00	0.14	0.06	-0.02	-0.05	1.18	0.20	-0.01	0.03	0.33	-0.07	0.11	0.44	0.11	0.02	0.01	-0.01	0.06	-0.08	0.03
Jun	1.35	0.00	0.11	-0.01	0.13	-0.01	0.00	0.02	1.22	0.25	0.06	0.06	0.29	-0.06	0.07	0.40	0.10	0.01	0.03	-0.01	0.07	-0.09	0.01
Jul	1.45	-0.01	0.09	-0.03	0.14	-0.03	0.00	0.11	1.26	0.32	0.09	0.08	0.29	-0.03	0.05	0.36	0.05	0.01	0.03	0.00	0.08	-0.09	-0.01
Aug	1.47	-0.01	0.13	-0.01	0.14	-0.02	0.01	0.09	1.25	0.30	0.10	0.10	0.30	0.00	0.04	0.34	0.04	0.01	0.02	0.03	0.08	-0.09	-0.02
Sep	1.53	-0.01	0.10	0.01	0.10	-0.02	0.01	0.12	1.32	0.29	0.08	0.10	0.36	0.02	0.04</								

CONTRIB 2 Monthly GDP based on GVA (Gross Value Added)¹
Contributions to growth of gross value added at basic prices^{2,3}

seasonally adjusted 2016=100

Section	Industry sections (SIC2007)																						
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2016 weights	1000	7	138	10	100	17	10	60	796	104	43	30	63	73	138	75	48	47	59	75	15	21	4

Contribution to growth, latest month on previous month

	EDKH	EDKI	EDKJ	EDKK	EDKL	EDKM	EDKN	EDKO	EDKP	EDKQ	EDKR	EDKS	EDKT	EDKU	EDKV	EDKW	EDKX	EDKY	EDKZ	EDLA	EDLB	EDLC	EDLD
2016 Sep	0.39	0.00	0.00	-0.04	0.08	-0.03	0.00	0.10	0.29	0.10	0.02	0.03	0.08	0.03	-0.03	0.02	0.10	0.00	0.00	-0.02	0.02	-0.04	-0.02
2016 Oct	-0.01	0.00	-0.18	-0.10	-0.13	0.04	0.00	0.02	0.15	0.11	0.02	-0.01	0.05	-0.05	0.03	0.01	-0.03	0.00	0.00	-0.01	0.00	0.05	-0.02
2016 Nov	0.52	0.00	0.31	0.07	0.15	0.08	0.01	0.10	0.11	-0.03	-0.02	0.02	-0.05	0.11	0.00	0.09	-0.04	0.00	0.01	-0.01	0.01	0.04	-0.02
2016 Dec	0.62	0.00	0.17	-0.01	0.26	-0.09	0.00	0.14	0.31	0.02	0.05	0.00	0.14	-0.03	0.01	0.05	-0.01	0.00	0.02	0.01	0.03	0.05	-0.02
2017 Jan	0.08	0.01	-0.05	0.02	-0.12	0.04	0.02	0.09	0.04	-0.11	0.01	0.01	-0.12	0.06	0.06	0.06	0.04	0.00	0.03	-0.01	0.01	0.02	0.00
2017 Feb	-0.14	0.01	-0.12	-0.01	-0.05	-0.07	0.01	-0.01	-0.02	0.04	0.01	0.05	0.00	-0.01	0.02	-0.09	0.01	0.00	0.01	0.00	-0.03	-0.03	0.00
2017 Mar	0.16	0.00	-0.07	0.02	-0.02	-0.08	0.00	0.03	0.20	0.03	0.03	-0.04	0.08	-0.01	0.01	0.03	0.05	0.01	-0.01	0.00	-0.01	0.03	0.00
2017 Apr	-0.01	0.00	0.06	-0.02	0.03	0.07	-0.01	-0.01	-0.05	-0.01	-0.07	0.02	0.09	-0.02	0.04	-0.05	-0.11	0.01	-0.01	0.01	0.03	0.01	0.01
2017 May	0.27	0.00	0.08	0.02	0.02	0.04	0.00	-0.01	0.20	-0.03	0.02	-0.01	-0.03	-0.01	0.03	-0.10	0.13	0.01	-0.01	0.01	-0.03	0.01	0.00
2017 Jun	0.33	0.00	0.06	0.05	0.03	-0.02	0.00	0.03	0.23	0.11	-0.06	-0.03	0.17	-0.01	0.01	0.06	0.01	0.00	0.00	-0.02	0.01	-0.03	0.02
2017 Jul	-0.09	0.00	0.01	-0.04	0.03	0.03	0.00	-0.04	-0.07	-0.04	0.03	0.07	-0.07	-0.02	0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.02	0.01
2017 Aug	0.26	0.00	-0.01	0.00	-0.01	0.01	0.00	0.11	0.16	0.06	0.02	-0.06	0.02	-0.01	0.02	0.05	0.02	0.00	0.00	-0.02	0.02	0.03	0.00
2017 Sep	0.02	0.00	0.13	0.02	0.10	0.01	0.00	-0.05	-0.06	-0.03	0.00	-0.02	0.03	-0.02	-0.03	0.07	0.00	0.00	0.00	-0.01	0.00	-0.04	-0.01
2017 Oct	0.03	0.00	0.03	0.02	0.05	-0.05	0.01	-0.06	0.05	0.01	0.03	0.02	-0.03	-0.03	0.01	0.00	0.03	0.01	0.00	0.01	0.01	-0.01	-0.02
2017 Nov	0.36	0.00	0.02	-0.02	0.01	0.03	-0.01	0.09	0.25	0.06	0.02	0.03	0.03	0.00	0.01	0.11	0.05	0.01	-0.01	0.02	-0.02	-0.04	-0.01
2017 Dec	0.10	0.00	-0.14	-0.20	0.02	0.03	0.01	0.09	0.15	-0.09	0.00	0.01	0.17	0.01	0.00	0.02	0.00	0.00	0.01	0.02	0.02	0.00	0.01
2018 Jan	0.13	0.00	0.12	0.22	0.01	-0.06	-0.02	-0.12	0.14	0.04	-0.01	0.03	-0.09	0.02	0.02	0.11	0.02	0.00	-0.01	0.00	-0.01	0.02	0.01
2018 Feb	-0.30	0.00	0.00	-0.02	-0.04	0.06	0.01	-0.05	-0.25	0.06	-0.05	-0.04	-0.05	0.02	0.02	-0.09	-0.09	0.00	0.01	0.00	-0.02	0.01	0.01
2018 Mar	0.07	0.00	-0.03	-0.03	-0.04	0.03	0.01	-0.09	0.19	-0.08	-0.01	0.01	0.12	0.00	0.00	0.05	0.02	0.00	0.02	0.00	0.02	0.02	0.02
2018 Apr	0.22	0.00	-0.09	0.08	-0.09	-0.05	-0.01	0.00	0.30	0.10	0.05	0.02	0.01	0.30	0.00	-0.01	0.08	0.02	0.00	0.02	0.02	0.01	0.00
2018 May	0.28	0.00	-0.09	-0.06	0.03	-0.07	0.01	0.17	0.19	0.18	0.04	0.02	0.03	0.00	0.01	-0.04	-0.02	0.00	0.01	0.00	-0.03	-0.01	0.00
2018 Jun	0.19	0.00	0.13	0.00	0.10	0.01	0.02	0.06	0.01	-0.04	0.02	0.03	0.07	0.00	-0.02	-0.06	0.00	0.00	-0.01	0.01	0.02	-0.01	0.00
2018 Jul	0.33	0.00	0.06	0.04	-0.02	0.06	-0.02	0.01	0.26	0.09	0.02	0.03	-0.02	0.03	0.02	0.11	0.01	0.00	-0.01	0.00	-0.01	0.00	-0.01
2018 Aug	0.02	0.00	0.00	0.01	-0.01	-0.01	0.00	-0.02	0.04	0.03	-0.02	-0.04	0.10	0.01	-0.02	-0.03	0.00	0.00	0.01	0.00	-0.01	0.01	0.01
2018 Sep	0.04	0.00	-0.01	-0.02	0.02	-0.01	-0.01	0.11	-0.06	-0.17	-0.02	-0.01	0.08	-0.03	0.01	0.05	0.00	0.00	0.02	0.01	0.03	-0.03	0.01

Contribution to growth, latest month on same month a year ago

	EDLE	EDLF	EDLG	EDLH	EDLI	EDLJ	EDLK	EDLL	EDLM	EDLN	EDLO	EDLP	EDLQ	EDLR	EDLS	EDLT	EDLU	EDLV	EDLW	EDLX	EDLY	EDLZ	EDMA
2016 Sep	2.12	-0.04	0.05	0.01	0.02	-0.03	0.06	0.35	1.76	0.51	0.00	0.05	0.66	0.43	-0.09	0.25	0.12	-0.06	-0.08	0.07	-0.02	-0.13	0.05
2016 Oct	1.85	-0.04	-0.10	-0.09	-0.04	-0.03	0.05	0.27	1.71	0.64	0.03	0.01	0.54	0.35	-0.05	0.21	0.09	-0.05	-0.07	0.04	0.01	-0.04	0.01
2016 Nov	2.36	-0.03	0.35	-0.01	0.16	0.14	0.07	0.43	1.61	0.56	0.03	0.06	0.40	0.30	-0.06	0.33	0.14	-0.05	-0.07	0.02	0.01	-0.02	-0.04
2016 Dec	2.70	-0.02	0.62	0.00	0.44	0.13	0.04	0.42	1.69	0.45	0.09	0.03	0.63	0.15	-0.09	0.38	0.17	-0.06	-0.05	0.02	-0.01	0.05	-0.05
2017 Jan	2.74	0.00	0.43	0.04	0.25	0.09	0.06	0.53	1.78	0.25	0.12	0.09	0.36	0.20	0.01	0.49	0.17	-0.04	0.01	-0.01	0.03	0.11	-0.03
2017 Feb	2.25	0.01	0.32	0.01	0.27	-0.02	0.07	0.47	1.45	0.29	0.12	0.13	0.36	0.19	-0.03	0.29	0.12	-0.03	0.00	-0.05	0.02	0.05	-0.03
2017 Mar	2.88	0.02	0.24	0.03	0.28	-0.13	0.06	0.65	1.95	0.30	0.20	0.10	0.47	0.18	0.00	0.38	0.23	-0.01	0.05	-0.05	0.01	0.10	-0.03
2017 Apr	2.12	0.02	-0.05	0.00	0.06	-0.16	0.04	0.42	1.74	0.27	0.09	0.15	0.53	0.15	0.09	0.17	0.08	0.02	0.06	-0.03	0.07	0.13	-0.05
2017 May	2.58	0.02	0.16	0.02	0.18	-0.05	0.01	0.47	1.93	0.18	0.12	0.10	0.52	0.10	0.18	0.30	0.28	0.03	0.02	-0.01	0.03	0.14	-0.06
2017 Jun	2.84	0.02	0.28	0.04	0.27	-0.05	0.02	0.49	2.05	0.33	0.05	0.05	0.64	0.05	0.18	0.36	0.26	0.03	0.02	-0.03	0.03	0.13	-0.05
2017 Jul	2.41	0.03	0.27	-0.07	0.34	0.00	0.02	0.37	1.73	0.27	0.09	0.17	0.41	-0.05	0.21	0.31	0.24	0.02	0.03	-0.04	0.00	0.10	-0.05
2017 Aug	2.40	0.03	0.26	-0.04	0.28	0.01	0.02	0.52	1.58	0.24	0.07	0.05	0.34	-0.07	0.22	0.31	0.25	0.02	0.04	-0.06	0.07	0.13	-0.04
2017 Sep	2.02	0.03	0.40	0.02	0.31	0.06	0.02	0.37	1.22	0.11	0.04	0.00	0.30	-0.12	0.21	0.36	0.15	0.02	0.05	-0.06	0.05	0.13	-0.03
2017 Oct	2.05	0.02	0.61	0.13	0.49	-0.04	0.02	0.30	1.12	0.02	0.06	0.03	0.23	-0.10	0.20	0.34	0.21	0.03	0.04	-0.04	0.06	0.06	-0.02
2017 Nov	1.89	0.02	0.32	0.05	0.34	-0.09	0.01	0.30	1.25	0.10	0.09	0.04	0.31	-0.11	0.21	0.36	0.22	0.03	0.03	-0.01	0.03	-0.02	-0.01
2017 Dec	1.37	0.02	0.01	-0.15	0.10	0.03	0.02	0.26	1.09	-0.01	0.04	0.05	0.34	-0.07	0.20	0.33	0.23	0.04	0.00	-0.01	0.02	-0.07	0.01
2018 Jan	1.43	0.00	0.18	0.03	0.23	-0.07	-0.02	0.05	1.19	0.15	0.01	0.06	0.37	-0.11	0.16	0.38	0.20	0.04	-0.03	0.00	0.00	-0.07	0.02
2018 Feb	1.26	0.00	0.30	0.01	0.24	0.07	-0.02	0.01	0.95	0.17	-0.05	-0.03	0.32	-0.09	0.16	0.38	0.09	0.03	-0.04	0.00	0.02	-0.05	0.03
2018 Mar	1.16	0.00	0.34	-0.05	0.22	0.18	-0.02	-0.11	0.95	0.06	-0.09	0.02	0.36	-0.07	0.15	0.39	0.07	0.03	-0.01	0.00	0.06	-0.06	0.04
2018 Apr	1.39	0.00	0.20	0.06	0.10	0.06	-0.02	-0.10	1.31	0.17	0.02	0.02	0.29	-0.06	0.10	0.53	0.20	0.02	0.02	-0.01	0.05	-0.07	0.03
2018 May	1.40	0.00	0.03	-0.02	0.11	-0.06	-0.01	0.08	1.30	0.38	0.04	0.05	0.34	-0.06	0.07	0.39	0.06	0.01	0.04	-0.01	0.08	-0.11	0.01
2018 Jun	1.26	-0.01	0.10	-0.08	0.18	-0.03	0.02	0.10	1.07	0.22	0.12	0.12	0.24	-0.05	0.05	0.27	0.05	0.01	0.03	0.01	0.09	-0.09	-0.01
2018 Jul	1.69	-0.01	0.14	0.01	0.13	0.00	0.00	0.15	1.40	0.35	0.11	0.08	0.29	0.01	0.05	0.40	0.06	0.01	0.02	0.02	0.08	-0.07	-0.03
2018 Aug	1.45	-0.01	0.15	0.03	0.13	-0.02	0.01	0.03	1.28	0.32	0.08	0.10	0.36	0.04	0.02	0.33	0.01	0.01	0.02				