GDP monthly estimate, UK: November 2019

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.

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11 February 2020

Correction

14 January 2020 10:05

The original version of this release contained a minor error in section 2 of the text where it stated 'the services and production sectors contributed positively to gross domestic product'. This has now been corrected to 'the services and construction sectors contributed positively to gross domestic product'

None of the data tables were affected.
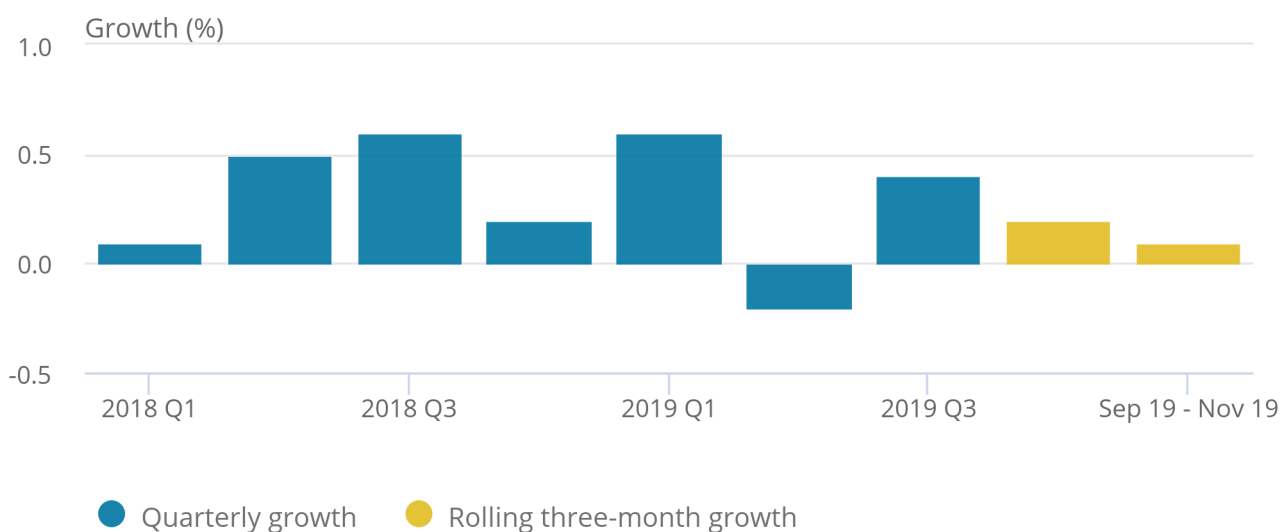
Table of contents

1 . UK GDP grew by 0.1% in the three months to November 2019

Figure 1: Rolling three-month GDP growth slowed for the second month in a row

UK GDP growth, Quarter 1 (Jan to Mar) 2018 until September to November 2019

Figure 1: Rolling three-month GDP growth slowed for the second month in a row

UK GDP growth, Quarter 1 (Jan to Mar) 2018 until September to November 2019

Growth (%)

- ● Quarterly growth ● Rolling three-month growth

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

2. Rolling three-month estimates are calculated by comparing GDP in a three-month period with GDP in the previous three-month period. For example, GDP in September to November compared with the previous June to August.

Commenting on today's GDP figures, Head of GDP Rob Kent-Smith said:

"Overall, the economy grew slightly in the latest three months, with growth in construction pulled back by weakening services and another lacklustre performance from manufacturing.

"The UK economy grew slightly more strongly in September and October than was previously estimated, with later data painting a healthier picture.

"Long term, the economy continues to slow, with growth in the economy compared with the same time last year at its lowest since the spring of 2012.

"The underlying trade deficit narrowed as exports grew faster than imports."

2 . Weakening services and falling production resulted in subdued GDP growth in the three months to November 2019

Table 1: Services and construction provided positive contributions to rolling three-month GDP growth, while production acted as a drag

	Three-month growth (%)	Contribution to growth (percentage points)
Index of Services	0.1%	0.08pp
Index of Production	-0.6%	-0.08pp
Construction	1.1%	0.07pp

Source: Office for National Statistics – GDP monthly estimate

The services and construction sectors contributed positively to gross domestic product (GDP) growth in the three months to November 2019, growing by 0.1% and 1.1%, respectively. Meanwhile, the production sector fell by 0.6% in the same period, its second consecutive rolling three-month decline.
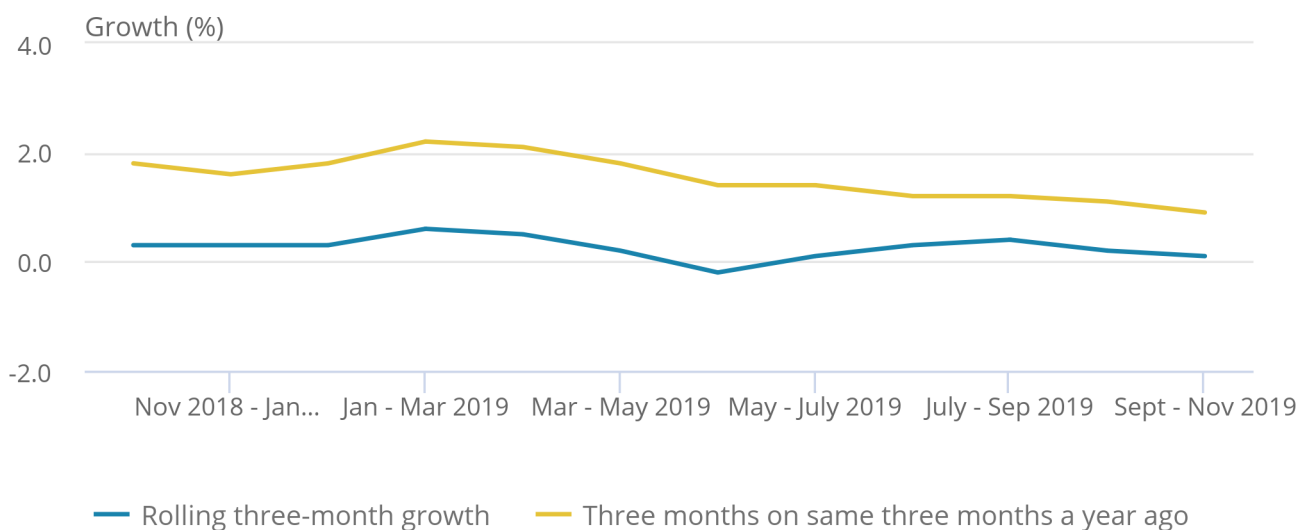
3 . Rolling three-month growth was 0.1% in the three months to November 2019

Figure 2: Volatility throughout 2019 masks a longer term weakening in rolling three-month GDP growth

Growth, three-months on previous three-months and three months on same three months a year ago, UK, October to December 2018 until September to November 2019

Figure 2: Volatility throughout 2019 masks a longer term weakening in rolling three-month GDP growth

Growth, three-months on previous three-months and three months on same three months a year ago, UK, October to December 2018 until September to November 2019

Source: Office for National Statistics – GDP monthly estimate

Notes:

1. Rolling three-month estimates are calculated by comparing GDP in a three-month period with GDP in the previous three-month period. For example, GDP in September to November compared with the previous June to August.

Rolling three-month growth was 0.1% in November 2019, down from an upwardly revised 0.2% in October. This followed a period of volatility throughout the first half of 2019, in part linked to changes in the timing of activity around the originally planned departure date of the UK from the European Union.

Rolling three-month growth is based on output gross value added (GVA) and so 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 fell by 0.3% in November 2019

Table 2: Breakdown of GDP and its components' growth rates by month

	September 2019	October 2019	November 2019
GDP	0.1%	0.1%	-0.3%
Index of Services	0.0%	0.3%	-0.3%
Index of Production	-0.1%	0.4%	-1.2%
Manufacturing	-0.2%	0.5%	-1.7%
Construction	1.6%	-2.2%	1.9%
Agriculture	0.0%	0.0%	0.1%

Source: Office for National Statistics – GDP monthly estimate

Monthly gross domestic product (GDP) fell by 0.3% in November 2019, driven by falls in both services and production. This followed growth of 0.1% in both September and October 2019.

This release incorporates revisions to monthly data back to January 2018, consistent with the Quarterly National Accounts published in December 2019. Overall, revisions to monthly GDP growth were small. However, both September and October 2019 have been revised up by 0.2 and 0.1 percentage points respectively, giving extra strength to the most recent rolling three-month estimate. The revisions to September were predominantly driven by new construction data, whereas October's revisions were driven by new data in services and production.

The monthly growth rate for GDP is volatile and so 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.
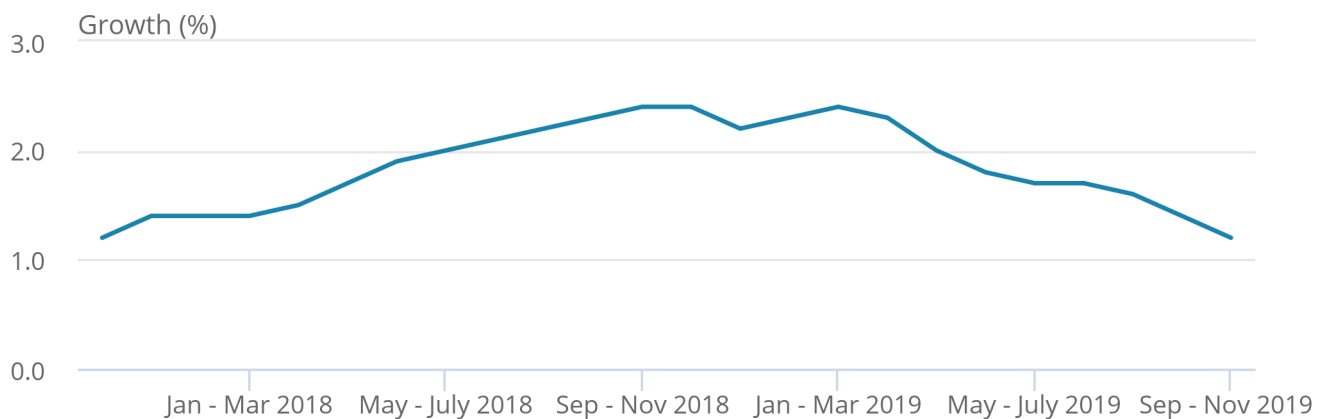
5 . The services sector grew by 0.1% in the three months to November 2019

Figure 3: Rolling three-month growth has weakened when compared with the same three months a year ago

Rolling three-month on three-month a year ago growth, October to December 2017 until September to November 2019

Figure 3: Rolling three-month growth has weakened when compared with the same three months a year ago

Rolling three-month on three-month a year ago growth, October to December 2017 until September to November 2019

Source: Office for National Statistics – GDP monthly estimate

Notes:

1. Rolling three-month estimates are calculated by comparing GDP in a three-month period with GDP in the previous three-month period. For example, GDP in September to November compared with the previous June to August.

Rolling three-month services growth was 0.1% in November 2019, following growth of 0.3% in the three months to October 2019. The main contributor to services growth in the three months to November 2019 was the real estate sector, which experienced broad-based growth across its sub-industries.

Figure 3 shows growth in the most recent three months compared with the same three months a year ago. On this basis, the growth in the most recent period is the lowest it has been since the three months to December 2017, with growth weakening significantly since the peak in the three months to March 2019.

In the month of November, growth in services was negative 0.3%, following an upwardly revised growth of 0.3% in October 2019. Small increases across a small number of industries were more than offset by relatively large falls in several other industries, most notably scientific research and development, and wholesale trade, which each took 0.07 percentage points off monthly gross domestic product (GDP) growth.
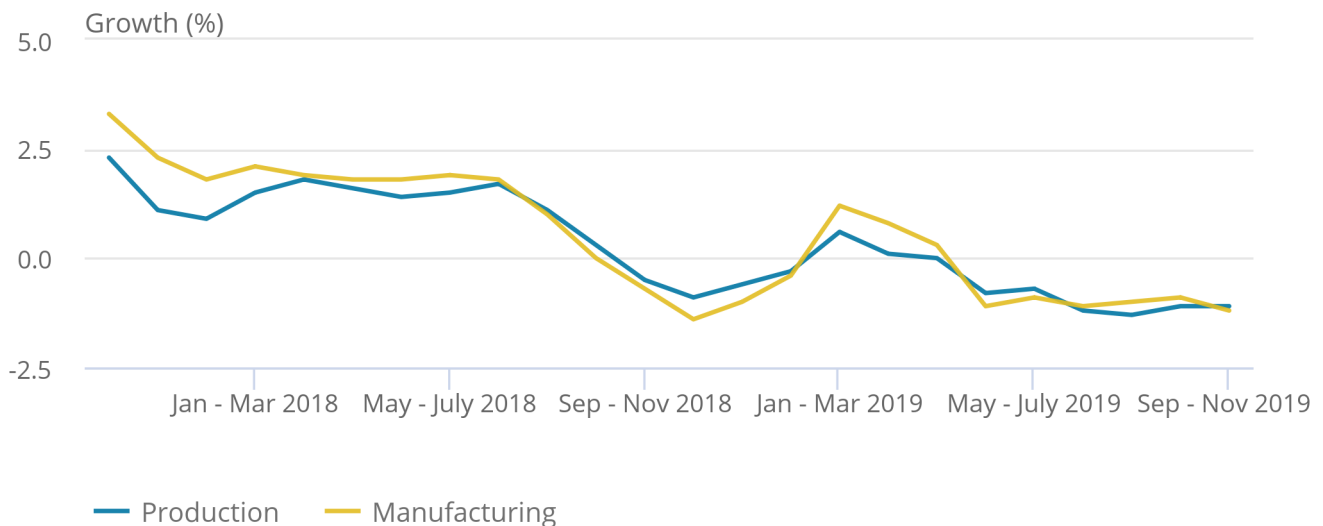
6 . Production fell by 0.6% in the three months to November 2019

Figure 4: Production and manufacturing showed continued signs of weakness in the three months to November 2019

Rolling three-month on three-month a year ago growth, October to December 2017 until September to November 2019

Figure 4: Production and manufacturing showed continued signs of weakness in the three months to November 2019

Rolling three-month on three-month a year ago growth, October to December 2017 until September to November 2019

Source: Office for National Statistics – GDP monthly estimate

Notes:

1. Rolling three-month estimates are calculated by comparing GDP in a three-month period with GDP in the previous three-month period. For example, GDP in September to November compared with the previous June to August.

Rolling three-month growth in the production sector was negative 0.6% in November 2019, with growth in manufacturing at negative 0.8%. There were widespread falls across manufacturing industries, with the most notable being the often-volatile manufacture of pharmaceuticals, which fell by 6.2%. Elsewhere, electricity, gas, steam and air conditioning supply grew by 0.6%, with water supply, and mining and quarrying showing small falls.

Figure 4 shows growth in the most recent three months compared with the same three months a year ago for both production and manufacturing. On this basis, the growth in the most recent period is the lowest it has been since the three months to December 2018, with growth weakening significantly since the peak in the three months to March 2019.

Production fell by 1.2% in the month of November 2019, following growth of 0.4% in October. Within production, manufacturing fell by 1.7%. This was largely driven by large falls in the manufacture of transport equipment, food, and chemicals. These industries were also the main drags on growth in April 2019, just after the UK's original planned date to exit the European Union as shown in Figure 5. This may be indicative of some changes in the timing of activity around the second planned departure in October.

Figure 5: Manufacture of transport equipment, was the main drag to GDP growth in the manufacturing sector in both April and November 2019

Contributions of manufacturing industries to monthly production growth, April and November 2019

Figure 5: Manufacture of transport equipment, was the main drag to GDP growth in the manufacturing sector in both April and November 2019

Contributions of manufacturing industries to monthly production growth, April and November 2019

● April 2019   ● November 2019
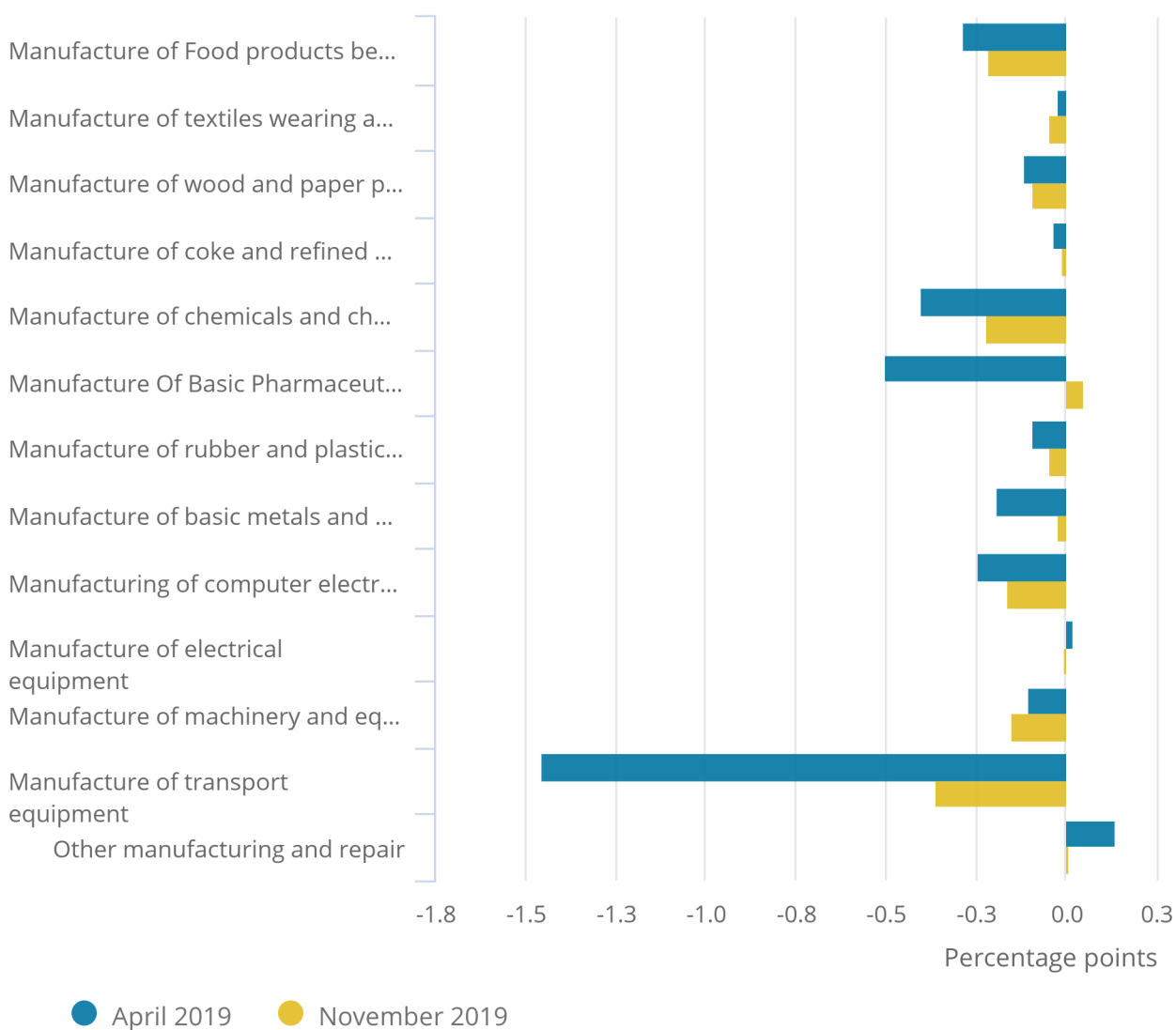
Source: Office for National Statistics – GDP monthly estimate

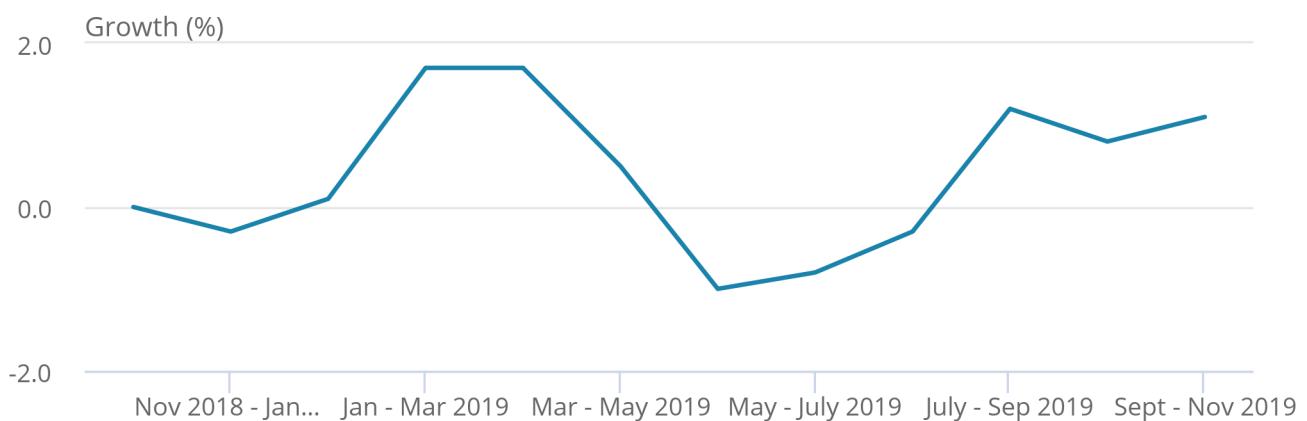# 7 . Growth in the construction sector was 1.1% in the three months to November 2019

Figure 6: Output in the construction industry grew for the third consecutive rolling three-month period

Growth, three-months on previous three-months, October to December 2018 until September to November 2019

Figure 6: Output in the construction industry grew for the third consecutive rolling three-month period

Growth, three-months on previous three-months, October to December 2018 until September to November 2019

Growth (%)

Source: Office for National Statistics – GDP monthly estimate

Notes:

1. Rolling three-month estimates are calculated by comparing GDP in a three-month period with GDP in the previous three-month period. For example, GDP in September to November compared with the previous June to August.

Rolling three-month growth in the construction sector was 1.1% in November 2019, following growth of 0.8% in October 2019. This growth was driven by infrastructure and private commercial, which grew by 3.0% and 1.8% respectively.

Month-on-month growth in construction was 1.9% in November 2019, following a fall of 2.2% in October 2019. The largest positive contributors to monthly growth were private new housing and non-housing repair and maintenance, which grew by 4.6% and 3.1% respectively.

8 . Things you need to know about this release

This release incorporates the revisions back to January 2018 as published in the December Quarterly National Accounts (QNA) release.

9 . Quality and methodology

Quality and methodology information on strengths, limitations, appropriate uses, and how the data were created is available in the Gross domestic product QMI.

10 . Related links

Construction output in Great Britain: November 2019
Bulletin | 13 January 2020
Short-term measures of output by the construction industry in Great Britain.

Index of Production, UK: November 2019
Bulletin | 13 January 2020
Movements in the volume of production for the UK production industries: manufacturing, mining and quarrying, energy supply, and water and waste management.

Index of Services, UK: November 2019
Bulletin | 13 January 2020
Monthly movements in output for the services industries.

GDP Quarterly National Accounts, UK: July to September 2019
Bulletin | 20 December 2019
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.

GVA1

Monthly GDP based on GVA (Gross Value Added) [1]
Chained volume indices of gross value added at basic prices [2,3,4,5]

seasonally adjusted 2016=100

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 [6]	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
Section	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
	YBFR	L2KL	L2KQ	L2KR	L2KX	L2MW	L2N2	L2N8	L2NC	L2NE	L2NI	L2NQ	L2NT	L2O6	L2OC	L2OI	L2OX	L2P8	L2PA	L2PC	L2PJ	L2PP	L2PT
2014	96.0	104.8	97.9	97.0	99.9	94.3	89.2	92.5	95.9	92.3	100.4	94.4	89.8	100.1	95.4	92.3	93.4	104.5	99.7	96.8	100.9	102.3	83.8
2015	98.1	105.9	98.9	102.0	99.8	96.4	93.3	96.2	98.0	95.9	101.3	98.5	94.8	96.3	98.0	96.7	98.1	102.0	100.8	98.4	101.6	106.5	84.0
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	102.0	105.7	101.7	101.7	102.2	98.2	102.0	106.4	101.7	102.5	101.8	102.4	104.8	99.1	99.0	104.5	104.0	100.8	101.2	101.0	103.2	101.1	101.6
2018	103.7	102.5	102.5	107.1	103.1	96.7	102.5	106.4	103.7	105.7	103.6	104.9	110.1	98.1	99.6	109.7	108.1	101.6	101.9	101.5	104.6	101.6	105.4
	ECY2	ECY3	ECY4	ECY5	ECY6	ECY7	ECY8	ECY9	ECYC	ECYD	ECYG	ECYH	ECYI	ECYJ	ECYK	ECYL	ECYP	ECYQ	ECYR	ECYS	ECYT	ECYU	ECYV
2017 Nov	102.6	105.4	103.0	108.0	103.5	98.2	101.8	107.0	102.2	103.3	101.8	102.2	106.5	98.1	99.2	106.6	106.5	101.0	101.0	100.6	103.3	101.1	100.7
Dec	102.9	105.0	102.8	87.1	104.2	100.6	101.8	109.6	102.4	102.9	101.9	102.6	108.1	98.3	99.2	107.1	107.3	101.0	101.0	101.0	104.3	100.5	101.4
2018 Jan	103.0	103.9	102.7	104.3	104.1	95.4	99.7	106.8	102.8	103.4	102.3	103.6	107.3	98.9	99.4	108.6	107.7	100.9	101.0	101.2	103.8	101.6	102.1
Feb	102.7	103.1	102.9	102.5	103.6	101.2	99.6	105.5	102.4	103.8	101.4	102.1	106.2	99.4	99.5	107.1	105.9	100.8	101.1	101.3	103.0	100.5	102.1
Mar	102.7	102.7	102.8	99.5	103.1	103.5	101.1	103.6	102.7	103.0	100.9	103.0	108.2	99.2	99.6	108.0	106.4	100.8	101.3	101.3	103.9	102.5	104.5
Apr	103.1	102.5	102.3	108.2	102.7	98.7	100.4	104.9	103.1	104.2	101.8	104.0	108.6	99.0	99.7	109.0	107.0	100.9	101.5	101.2	104.6	102.1	104.9
May	103.4	102.4	101.9	106.5	103.0	91.7	101.9	106.3	103.5	106.2	103.0	104.7	108.8	98.6	99.8	109.0	107.0	101.2	101.7	101.1	104.7	102.2	104.3
Jun	103.7	101.9	102.9	106.4	103.8	94.3	104.6	107.1	103.6	106.0	104.0	105.3	109.0	98.2	99.7	108.8	108.6	101.7	101.8	101.2	104.7	102.9	105.3
Jul	104.0	101.7	103.2	111.1	103.5	97.2	104.3	107.2	103.9	107.2	104.1	105.9	109.1	97.9	99.7	110.2	108.4	102.1	101.8	101.2	103.4	102.5	106.5
Aug	104.1	101.8	103.1	112.1	103.3	97.0	104.0	106.8	104.1	107.1	104.5	104.7	111.8	97.6	99.6	110.3	108.4	102.4	101.9	101.5	103.9	102.6	107.7
Sep	104.1	102.4	102.5	108.0	103.0	94.9	104.3	107.6	104.2	106.3	104.6	105.1	113.3	97.4	99.5	110.7	108.0	102.3	102.1	101.8	104.9	101.0	107.6
Oct	104.4	103.0	102.4	111.4	102.5	96.2	103.7	108.2	104.5	106.9	105.3	106.3	112.1	97.2	99.8	111.4	110.0	102.1	102.4	101.9	106.4	101.2	107.6
Nov	104.6	103.0	102.2	107.9	102.6	95.7	103.2	107.8	104.8	107.8	105.5	107.2	112.9	96.9	99.7	112.0	110.1	102.1	102.7	102.0	105.6	100.3	106.5
Dec	104.2	102.0	101.6	107.3	102.1	94.6	102.9	105.7	104.5	106.6	105.6	106.8	113.8	96.4	99.8	110.9	109.4	102.5	103.1	102.2	106.8	99.3	105.8
2019 Jan	104.8	101.3	102.8	104.8	103.9	95.7	101.6	108.2	104.9	108.3	105.4	107.6	115.4	96.1	99.9	109.7	110.5	103.0	103.4	102.2	105.9	98.8	105.8
Feb	105.1	100.7	103.1	108.3	104.7	91.3	101.7	110.2	105.1	108.4	105.4	107.9	115.4	95.5	100.0	111.2	111.1	103.4	103.8	102.3	105.7	99.6	105.5
Mar	105.2	100.6	104.2	109.8	105.9	91.6	102.1	108.8	105.1	108.8	105.5	107.2	115.2	94.9	100.1	110.9	110.9	103.6	104.2	102.3	106.3	100.2	100.9
Apr	104.7	100.6	100.9	106.0	101.4	94.4	101.9	108.2	105.1	108.8	105.6	106.4	116.5	94.5	100.1	110.1	110.2	103.6	104.5	102.5	104.7	99.9	100.4
May	104.9	100.6	101.9	106.8	102.4	94.9	104.0	108.7	105.2	109.1	104.8	106.1	116.3	94.5	100.3	110.3	111.1	103.6	104.7	102.7	103.9	101.5	99.1
Jun	105.0	100.6	101.9	106.4	102.4	95.0	104.1	107.1	105.4	108.6	104.4	108.5	117.2	95.0	100.1	112.0	110.1	103.5	104.5	103.0	106.5	102.2	99.6
Jul	105.4	100.5	102.1	105.6	102.8	93.7	104.6	108.8	105.8	109.1	106.0	107.3	118.0	95.5	100.2	112.2	111.5	103.6	104.4	103.3	105.2	103.0	98.6
Aug	105.3	100.5	101.4	105.3	102.0	92.8	105.1	108.7	105.7	109.5	104.8	106.0	116.8	96.1	100.2	112.1	110.0	103.6	104.6	103.6	107.3	104.1	99.3
Sep	105.3	100.5	101.4	107.9	101.7	92.6	105.3	110.4	105.7	109.2	104.2	105.2	118.3	95.9	100.4	111.6	109.7	103.6	104.8	103.8	104.2	103.7	100.7
Oct	105.5	100.5	101.7	103.9	102.3	95.2	104.0	107.9	105.9	109.7	105.4	104.5	118.4	95.4	100.8	113.1	110.2	103.6	104.8	103.9	103.7	103.6	101.8
Nov	105.1	100.5	100.5	105.2	100.6	95.4	103.8	110.0	105.6	108.7	104.6	105.5	116.7	95.1	100.8	112.1	110.2	103.6	105.2	104.0	104.8	103.6	102.9

Percentage change, latest year on previous year

	GDPQ	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3E4	L3E8	L3EG	L3EJ	L3EU	L3F2	L3F8	L3FN	L3FW	L3FY	L3G2	L3G9	L3GF	L3GJ
2014	2.6	13.9	1.6	-0.3	2.9	-4.4	4.6	10.0	2.1	4.1	3.6	1.2	0.0	-1.0	1.8	4.4	8.4	-3.2	0.1	1.7	3.8	9.7	-4.7
2015	2.2	1.0	1.0	5.1	-0.1	2.2	4.6	4.0	2.2	3.9	0.9	4.4	5.6	-3.8	2.8	4.8	5.0	-2.4	1.1	1.7	0.8	4.0	0.3
2016	1.9	-5.5	1.1	-2.0	0.2	3.7	7.1	3.9	2.0	4.2	-1.3	1.5	5.4	3.8	2.0	3.4	1.9	-1.9	-0.8	1.6	-1.6	-6.1	19.0
2017	2.0	5.7	1.7	1.7	2.2	-1.8	2.0	6.4	1.7	2.5	1.8	2.4	4.8	-0.9	-1.0	4.5	4.0	0.8	1.2	1.0	3.2	1.1	1.6
2018	1.6	-3.0	0.8	5.3	0.9	-1.6	0.5	0.0	2.0	3.2	1.8	2.5	5.1	-1.1	0.6	4.9	3.9	0.9	0.7	0.4	1.4	0.4	3.7

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
2017 Nov	0.4	-0.2	1.5	3.4	1.7	-0.5	1.2	0.0	0.3	0.5	0.8	-0.9	0.9	-1.0	0.1	1.4	1.8	0.0	0.0	-0.5	1.0	0.2	-2.5
Dec	0.5	-1.0	1.1	-2.6	1.5	-0.2	0.6	0.7	0.4	0.3	0.4	-0.3	1.4	-0.8	0.3	1.1	2.1	0.2	-0.2	-0.4	1.2	-0.9	-3.6
2018 Jan	0.6	-1.4	0.4	-4.6	0.9	0.0	-0.4	1.6	0.5	0.2	0.0	1.1	1.1	0.0	0.4	1.7	2.1	0.2	-0.2	0.2	0.6	-1.4	-1.8
Feb	0.4	-1.8	-0.1	-8.2	0.5	1.1	-1.5	1.1	0.5	0.2	-0.2	1.1	0.7	0.7	0.4	1.4	1.2	0.1	-0.1	0.5	0.3	-0.9	-0.3
Mar	0.2	-2.0	-0.1	1.5	-0.2	1.6	-1.8	-1.8	0.4	0.3	-0.5	0.7	0.1	1.1	0.4	1.4	0.2	-0.1	0.1	0.6	-0.3	0.4	1.8
Apr	0.0	-1.9	-0.2	3.6	-0.8	3.2	-0.7	-2.9	0.3	0.5	-0.6	0.2	0.3	0.8	0.4	0.6	-0.7	-0.1	0.3	0.3	0.0	0.6	2.4
May	0.2	-1.4	-0.5	6.9	-1.0	-1.1	0.8	-2.2	0.5	1.0	0.0	1.1	1.2	0.1	0.3	1.0	-0.1	0.1	0.5	0.0	0.7	1.4	2.7
Jun	0.6	-1.0	-0.4	4.8	-0.4	-5.1	2.2	0.8	0.8	1.9	1.4	1.7	1.4	-0.6	0.2	0.9	0.8	0.4	0.6	-0.1	1.1	0.9	1.9
Jul	0.9	-0.8	0.0	4.4	0.3	-6.7	3.2	2.1	0.9	2.7	2.3	2.2	1.2	-1.0	0.1	1.2	1.4	0.8	0.6	0.0	0.4	0.8	1.5
Aug	0.8	-0.7	0.7	4.9	0.5	-1.8	3.1	2.0	0.8	2.2	2.2	1.4	1.3	-1.1	0.0	1.0	1.5	1.1	0.3	0.1	-0.4	0.4	1.9
Sep	0.7	-0.3	0.6	3.2	0.1	1.6	1.8	1.1	0.7	1.4	1.4	0.5	2.4	-1.0	-0.1	1.3	0.6	1.0	0.3	0.3	-0.6	-0.4	2.3
Oct	0.5	0.4	0.0	2.3	-0.5	1.7	0.4	0.7	0.6	0.3	1.0	0.0	3.1	-0.9	-0.1	1.4	0.7	0.6	0.4	0.5	0.8	-0.9	2.1
Nov	0.4	1.0	-0.7	-0.7	-0.8	-0.6	-0.6	0.8	0.6	0.2	0.9	0.9	2.5	-0.8	0.0	1.5	0.9	0.1	0.6	0.6	1.6	-1.8	0.7
Dec	0.3	0.7	-0.9	-1.4	-0.8	-0.9	-0.9	0.0	0.5	0.2	1.0	1.5	1.4	-0.8	0.1	1.0	1.5	0.0	0.8	0.5	2.1	-1.7	-0.6
2019 Jan	0.3	-0.3	-0.4	-3.5	-0.1	-0.7	-1.4	-0.3	0.4	0.8	0.7	1.8	1.5	-1.0	0.1	0.1	1.1	0.3	0.9	0.4	1.0	-2.1	-1.7
Feb	0.3	-1.4	0.2	-2.1	0.8	-1.8	-1.6	0.1	0.4	0.7	0.3	1.2	1.9	-1.2	0.2	-0.7	0.9	0.8	0.9	0.3	0.5	-1.6	-2.3
Mar	0.6	-1.8	1.3	-1.1	2.4	-2.8	-1.4	1.7	0.4	1.3	0.0	0.7	2.1	-1.4	0.2	-0.8	0.9	1.1	1.0	0.2	-0.3	-0.7	-3.3
Apr	0.5	-1.4	0.5	1.3	1.1	-3.0	-0.6	1.7	0.4	1.0	0.0	-0.1	1.5	-1.6	0.3	-0.1	0.7	1.0	1.1	0.2	-0.5	0.4	-3.9
May	0.2	-0.8	-0.2	0.7	-0.3	-0.2	0.6	0.5	0.3	1.0	-0.2	-0.8	1.0	-1.4	0.3	-0.2	0.4	0.6	1.0	0.3	-1.1	1.3	-4.4
Jun	-0.2	-0.3	-1.2	-2.6	2.0	1.5	-1.0	0.2	0.3	-0.5	-0.5	1.2	-0.9	0.2	0.2	-0.4	0.2	0.8	0.4	-0.9	1.7		-3.4
Jul	0.1	0.0	-0.7	-1.7	-1.4	2.3	2.3	-0.8	0.3	0.3	0.2	-0.4	0.2	1.3	0.0	0.2	0.7	0.1	0.0	0.3	0.6	2.3	-2.5
Aug	0.3	-0.5	-1.7	-0.8	0.2	1.9	-0.3	0.5	0.1	-0.2	0.7	1.1	0.9	0.0	1.5	-0.2	-0.1	0.0	0.8	1.3	2.6		-1.0
Sep	0.4	-0.1	0.1	-0.1	0.1	-1.8	1.6	1.2	0.5	0.4	0.1	-0.8	0.9	1.2	0.1	1.1	-0.1	0.0	0.0	0.8	0.5	2.4	-0.2
Oct	0.2	-0.1	-0.5	-0.5	-0.5	-1.0	0.5	0.8	0.3	0.5	-0.2	-2.0	0.5	0.8	0.3	0.7	-0.9	0.0	0.2	0.8	-0.1	1.5	1.5
Nov	0.1	0.0	-0.6	-0.1	-0.8	0.6	-0.3	1.1	0.1	0.1	-0.3	-2.1	0.4	0.0	0.5	0.2	-0.5	0.0	0.0	0.4	0.6	-2.0	2.6

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.
6 Monthly data from the construction survey are only available from January 2010, therefore the data prior to this period are derived using statistical methods from the available quarterly data, and should therefore be treated with some caution.

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GVA2
Monthly GDP based on GVA (Gross Value Added) [1]
Chained volume indices of gross value added at basic prices [2,3,4,5]

seasonally adjusted 2016=100

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 [6]	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
Section	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
2017 Nov	1.7	6.0	3.1	9.1	3.9	-3.3	1.1	5.4	1.2	1.8	1.8	0.9	4.0	-3.5	-1.6	4.9	4.6	1.1	1.4	0.4	5.2	2.0	1.1
Dec	1.6	4.4	2.3	2.7	3.3	-3.1	0.5	5.4	1.2	1.2	2.0	1.5	4.5	-2.9	-1.5	4.6	5.4	1.1	0.9	0.3	4.6	1.0	2.0
2018 Jan	1.5	2.1	1.1	-1.6	2.3	-3.4	-1.5	4.1	1.4	1.4	1.7	1.7	5.2	-1.9	-0.4	4.7	5.4	0.9	0.3	0.4	2.5	0.6	4.0
Feb	1.4	-0.4	0.9	-2.9	1.8	-0.4	-2.9	2.1	1.4	1.5	0.7	1.0	5.3	-1.1	-0.4	4.6	4.8	0.7	-0.1	0.4	1.5	1.0	4.9
Mar	1.3	-2.2	1.5	1.2	2.1	2.7	-4.2	-0.7	1.4	1.7	-0.5	0.7	5.6	-0.7	0.2	4.7	3.8	0.4	-0.4	0.3	0.4	2.0	5.1
Apr	1.3	-2.9	1.8	3.3	1.9	5.1	-2.9	-1.4	1.5	1.6	-0.7	0.2	5.0	-0.7	0.5	5.3	4.3	0.2	-0.2	0.1	0.3	1.6	4.2
May	1.4	-3.1	1.6	4.1	1.8	1.2	-0.9	-1.3	1.7	2.4	0.0	1.1	5.0	-0.9	0.7	5.5	4.3	0.0	0.2	-0.2	0.6	0.8	3.3
Jun	1.6	-3.2	1.4	5.0	1.8	-3.5	2.0	-0.2	1.9	3.2	1.5	2.0	3.9	-1.0	0.8	5.4	5.0	0.2	0.4	-0.3	1.6	0.7	2.1
Jul	1.8	-3.6	1.5	4.9	1.9	-4.4	2.9	0.9	2.0	4.1	2.4	2.4	3.7	-1.2	0.9	5.0	4.3	0.7	0.6	-0.2	1.9	1.2	1.2
Aug	2.0	-4.0	1.7	6.5	1.8	-2.3	3.6	0.8	2.1	4.0	2.9	2.6	4.2	-1.3	0.8	5.0	4.4	1.2	0.7	0.1	1.7	1.1	1.7
Sep	1.9	-4.1	1.1	6.9	1.0	-2.3	2.9	0.8	2.2	4.0	2.7	2.7	5.5	-1.3	0.8	4.9	3.7	1.6	0.8	0.4	1.4	0.0	2.3
Oct	1.9	-3.6	0.3	5.6	0.0	-2.1	2.5	1.4	2.3	3.6	2.8	3.6	5.8	-1.1	0.8	4.9	3.6	1.5	1.0	0.9	1.8	-0.8	4.2
Nov	1.9	-2.9	-0.5	2.3	-0.7	-2.4	1.8	1.6	2.4	3.7	3.0	4.5	5.8	-1.1	0.7	5.0	3.4	1.3	1.3	1.3	2.2	-1.0	5.0
Dec	1.8	-2.5	-0.9	8.2	-1.4	-3.1	1.3	0.0	2.4	3.9	3.3	4.5	5.5	-1.3	0.6	4.8	3.1	1.3	1.7	1.4	2.3	-0.8	5.5
2019 Jan	1.6	-2.5	-0.6	6.9	-1.0	-2.8	1.4	-0.6	2.2	4.3	3.4	4.3	6.3	-2.0	0.5	3.2	2.6	1.6	2.1	1.2	2.2	-1.6	4.3
Feb	1.8	-2.6	-0.3	9.0	-0.4	-5.3	1.7	0.7	2.3	4.3	3.5	4.5	7.1	-2.9	0.5	2.8	3.1	2.0	2.4	1.1	2.3	-1.6	2.9
Mar	2.2	-2.3	0.6	5.4	1.2	-7.2	1.7	3.6	2.4	4.9	3.9	4.5	7.6	-3.7	0.5	2.5	3.9	2.5	2.6	1.0	2.3	-1.9	0.3
Apr	2.1	-2.1	0.1	4.5	0.8	-8.6	1.5	4.2	2.3	4.8	4.1	4.0	7.5	-4.3	0.5	2.5	4.0	2.7	2.8	1.1	1.7	-1.8	-2.2
May	1.8	-1.9	0.0	2.7	0.3	-4.5	1.5	3.5	2.0	4.3	3.3	2.6	6.9	-4.4	0.5	1.6	3.7	2.6	2.9	1.3	0.5	-1.7	-4.3
Jun	1.4	-1.6	-0.8	-0.6	-1.1	-0.2	1.0	1.8	1.8	3.2	1.9	2.3	7.3	-4.0	0.5	1.7	2.7	2.3	2.9	1.5	0.3	-1.2	-4.9
Jul	1.4	-1.4	-0.7	-1.6	-0.9	0.1	0.6	1.3	1.7	2.3	1.3	1.9	7.5	-3.3	0.5	2.0	2.7	1.9	2.7	1.8	0.9	-0.3	-6.0
Aug	1.2	-1.3	-1.2	-3.7	-1.1	-2.5	0.3	1.1	1.7	2.1	0.9	1.9	6.7	-2.5	0.5	2.1	1.9	1.5	2.6	2.0	2.2	0.4	-6.9
Sep	1.2	-1.4	-1.3	-3.7	-1.0	-3.5	0.8	1.9	1.6	2.2	0.6	0.9	5.6	-1.8	0.6	1.4	2.0	1.3	2.6	2.1	1.4	1.6	-7.2
Oct	1.1	-1.9	-1.1	-4.3	-0.9	-2.6	0.7	1.3	1.4	2.5	0.0	-0.1	4.8	-1.7	0.8	1.3	1.1	1.3	2.5	2.0	0.0	2.2	-6.6
Nov	0.9	-2.2	-1.1	-3.1	-1.2	-1.3	0.6	1.4	1.2	2.1	-0.4	-1.1	4.5	-1.7	1.0	0.8	0.6	1.4	2.4	2.0	-1.3	2.8	-5.1

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
2017 Nov	0.3	-0.3	0.0	1.1	-0.2	1.6	-0.4	2.1	0.2	0.3	-0.5	0.5	-0.1	0.2	0.2	1.0	0.8	0.2	0.0	0.3	-0.6	-0.6	-0.2
Dec	0.3	-0.4	-0.2	-19.3	0.7	2.4	0.0	2.4	0.2	-0.5	0.1	0.4	1.5	0.2	0.0	0.4	0.8	0.0	0.0	0.4	0.9	-0.6	0.7
2018 Jan	0.1	-1.0	-0.1	19.7	-0.1	-5.2	-2.1	-2.6	0.3	0.5	0.3	0.9	-0.7	0.6	0.2	1.5	0.3	-0.1	0.0	0.2	-0.5	1.0	0.6
Feb	-0.3	-0.8	0.2	-1.7	-0.5	6.1	-0.1	-1.2	-0.3	0.4	-0.8	-1.4	-1.0	0.6	0.1	-1.4	-1.7	-0.1	0.1	0.0	-0.7	-1.1	0.1
Mar	0.1	-0.4	-0.1	-3.0	-0.4	2.3	1.5	-1.8	0.3	-0.8	-0.5	0.9	1.8	-0.2	0.1	0.9	0.5	0.0	0.2	0.0	0.8	2.1	2.3
Apr	0.3	-0.2	-0.5	8.8	-0.4	-4.7	-0.7	1.3	0.4	1.1	0.9	0.9	0.4	-0.2	0.1	0.9	0.6	0.1	0.2	-0.1	0.7	-0.4	0.4
May	0.3	-0.2	-0.4	-1.6	0.4	-7.1	1.5	1.3	0.4	1.9	1.2	0.7	0.3	-0.4	0.1	0.0	0.0	0.3	0.2	0.0	0.1	0.1	-0.5
Jun	0.3	-0.4	1.0	-0.1	0.7	2.8	2.6	0.8	0.2	-0.1	0.9	0.6	0.1	-0.4	-0.1	-0.2	1.5	0.4	0.1	0.0	0.0	0.7	1.0
Jul	0.3	-0.2	0.3	4.4	-0.3	3.1	-0.3	0.1	0.3	1.1	0.2	0.6	0.1	-0.4	0.0	1.3	-0.2	0.4	0.1	0.0	-1.2	-0.5	1.1
Aug	0.1	0.1	-0.2	0.9	-0.2	-0.2	-0.2	-0.3	0.2	-0.1	0.3	-1.2	2.5	-0.2	-0.1	0.1	0.0	0.2	0.1	0.2	0.5	0.2	1.2
Sep	0.0	0.6	-0.6	-3.6	-0.2	-2.2	0.2	0.8	0.0	-0.7	0.1	0.4	1.3	-0.3	-0.1	0.3	-0.3	-0.1	0.2	0.3	0.9	-1.6	-0.1
Oct	0.3	0.6	-0.1	3.1	-0.5	1.3	-0.5	0.5	0.3	0.5	0.7	1.1	-1.1	-0.1	0.2	0.7	1.8	-0.2	0.3	0.2	1.4	0.2	0.0
Nov	0.1	0.0	-0.2	-3.1	0.1	-0.5	-0.6	-0.4	0.2	0.9	0.2	0.9	0.7	-0.4	-0.1	0.5	0.1	0.0	0.3	0.1	-0.7	-0.9	-1.0
Dec	-0.4	-1.0	-0.5	-0.6	0.1	-0.5	-1.2	-0.5	-0.3	-1.9	-0.2	0.1	-0.4	0.9	0.1	-1.0	-0.7	0.3	0.3	0.1	1.1	-0.9	-0.7
2019 Jan	0.6	-0.7	1.2	-2.4	1.8	1.2	-1.2	2.4	0.3	1.5	-0.2	0.8	1.4	-0.4	0.1	-1.2	1.1	0.5	0.3	0.1	-0.9	-0.5	-0.7
Feb	0.3	-0.6	0.3	3.4	0.7	-4.6	0.1	1.8	0.2	0.1	0.0	0.2	0.0	-0.6	0.1	1.4	0.6	0.4	0.4	0.1	-0.1	-0.8	-1.4
Mar	0.1	-0.2	1.0	1.4	1.2	0.4	0.4	-1.2	0.0	0.4	0.1	-0.7	-0.1	-0.6	0.1	-0.3	-0.2	0.2	0.4	0.1	0.6	0.6	-2.6
Apr	-0.5	0.0	-3.1	-3.5	-4.2	3.0	-0.2	-0.6	-0.1	0.0	0.1	-0.7	1.1	-0.5	0.1	-0.7	-0.6	0.0	0.3	0.1	-1.6	-0.3	-0.5
May	0.2	0.1	1.0	0.7	0.9	0.5	2.0	0.4	0.1	0.3	-0.8	-0.3	-0.2	0.0	0.2	0.1	0.8	-0.1	0.1	0.2	-0.8	1.6	-1.3
Jun	0.1	0.0	0.0	-0.4	0.0	0.1	0.2	-1.4	0.3	-0.5	-0.3	2.3	0.8	0.5	-0.2	1.6	-0.9	0.0	-0.1	0.4	2.5	0.7	0.5
Jul	0.4	-0.1	0.2	-0.7	0.4	-1.3	0.5	1.6	0.3	0.5	1.5	-1.1	0.6	0.6	0.0	0.2	1.3	0.0	-0.2	0.2	-1.2	0.8	-1.0
Aug	-0.2	0.0	-0.7	-0.3	-0.8	-1.0	0.4	-0.1	-0.1	0.3	-1.1	-1.2	-1.0	0.6	0.1	-0.1	-1.4	0.0	0.3	0.3	2.0	1.0	0.7
Sep	0.1	0.0	-0.1	2.5	-0.2	-0.2	0.2	1.6	0.0	-0.2	-0.6	-0.8	1.3	-0.2	0.2	-0.4	-0.3	0.0	0.2	0.2	-2.9	-0.3	1.4
Oct	0.1	0.0	0.4	-3.7	0.5	2.9	-1.2	-2.2	0.3	0.5	1.1	-0.7	0.0	-0.5	0.3	1.3	0.5	0.0	0.0	0.1	-0.5	-0.1	1.0
Nov	-0.3	0.1	-1.2	1.3	-1.7	0.1	-0.3	1.9	-0.3	-0.9	-0.8	0.9	-1.4	-0.2	0.0	-0.9	0.0	0.0	0.4	0.1	1.1	0.0	1.1

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.
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GVA3 Monthly GDP based on GVA (Gross Value Added) [1]
Chained volume indices of gross value added at basic prices [2,3,4,5]

seasonally adjusted 2016=100

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 [6]	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
Section	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
2017 Nov	1.7	4.8	2.4	7.0	3.7	-5.5	-0.1	6.0	1.2	1.6	2.1	1.2	4.3	-2.9	-1.7	4.8	5.3	1.0	0.8	0.2	3.7	0.9	1.6
Dec	1.5	2.5	0.5	-13.7	1.3	0.8	-0.1	5.9	1.3	0.6	2.2	1.9	5.1	-1.9	-1.1	4.5	5.8	1.1	0.5	0.5	3.1	-0.4	4.3
2018 Jan	1.4	-0.9	0.6	1.9	1.9	-5.4	-4.2	0.6	1.6	2.0	0.6	2.1	6.1	-0.9	-0.3	4.7	5.1	0.6	-0.4	0.4	0.7	1.4	6.1
Feb	1.3	-2.6	1.7	3.1	2.1	3.6	-4.4	0.0	1.3	2.0	-0.7	-0.9	4.7	-0.4	0.2	4.6	3.6	0.4	-0.5	0.3	0.6	2.1	4.4
Mar	1.2	-3.2	2.3	-1.5	2.2	10.4	-3.9	-2.6	1.3	0.9	0.9	0.9	5.9	-0.8	0.6	5.0	2.7	0.2	-0.1	0.1	0.0	2.3	4.8
Apr	1.5	-3.0	1.6	8.3	1.4	1.6	-0.2	-1.6	1.8	1.9	0.2	0.5	4.5	-0.9	0.7	6.5	6.6	-0.2	0.2	-0.2	0.3	0.3	3.4
May	1.6	-3.1	0.9	5.5	1.8	-8.0	1.5	0.1	1.9	4.4	1.3	1.8	4.7	-1.0	0.8	5.1	3.6	0.0	0.5	-0.4	1.5	-0.1	1.9
Jun	1.8	-3.6	1.8	1.3	2.2	-4.1	4.7	1.0	1.9	3.2	3.2	3.6	2.4	-1.1	0.9	4.5	4.8	0.6	0.6	-0.3	2.9	1.8	1.0
Jul	2.1	-4.1	1.9	7.9	1.8	-1.1	2.6	1.5	2.3	4.8	2.8	1.8	4.1	-1.5	0.9	5.5	4.4	1.4	0.8	0.1	1.2	1.8	0.8
Aug	2.0	-4.3	1.6	10.3	1.2	-1.7	3.5	-0.1	2.3	4.0	2.8	2.4	5.9	-1.3	0.7	4.9	4.0	1.7	0.8	0.4	0.9	-0.4	3.4
Sep	1.7	-3.9	-0.2	2.5	-0.1	-4.1	2.5	1.0	2.1	3.1	2.6	3.9	6.5	-1.2	0.8	4.3	2.8	1.6	0.9	0.7	2.1	-1.5	2.8
Oct	2.1	-2.5	-0.6	4.3	-1.2	-0.5	1.5	3.3	2.5	3.7	2.9	4.5	5.1	-0.8	0.8	5.6	4.1	1.3	1.4	1.6	2.4	-0.5	6.6
Nov	1.9	-2.2	-0.8	0.0	-0.9	-2.6	1.3	0.7	2.5	4.4	3.6	4.9	5.9	-1.3	0.5	5.1	3.4	1.1	1.7	1.4	2.2	-0.8	5.7
Dec	1.2	-2.8	-1.1	23.2	-2.0	-6.0	1.1	-3.6	2.1	3.7	3.6	4.0	5.3	-1.9	0.6	3.6	1.9	1.4	2.0	1.2	2.4	-1.2	4.3
2019 Jan	1.7	-2.5	0.1	0.4	-0.2	0.3	1.9	1.4	2.1	4.7	3.1	3.9	7.5	-2.8	0.5	0.9	2.6	2.1	2.4	1.0	2.1	-2.7	2.9
Feb	2.4	-2.3	0.2	5.7	1.1	-9.8	2.1	4.5	2.7	4.4	4.0	5.7	8.6	-4.0	0.5	3.8	4.9	2.6	2.6	1.0	2.6	-0.8	1.4
Mar	2.4	-2.1	1.3	10.4	2.7	-11.5	1.0	5.1	2.4	5.6	4.5	4.0	6.5	-4.3	0.4	2.7	4.2	2.8	2.9	1.1	2.4	-2.3	-3.4
Apr	1.5	-1.9	-1.4	-2.0	-1.2	-4.4	1.5	3.1	1.9	4.4	3.7	2.4	7.3	-4.6	0.5	1.0	3.0	2.7	3.0	1.2	0.1	-2.2	-4.3
May	1.4	-1.7	0.0	0.3	-0.7	3.4	2.0	2.3	1.6	2.8	1.7	1.4	6.9	-4.2	0.5	1.2	3.8	2.3	2.9	1.5	-0.8	-0.7	-5.0
Jun	1.3	-1.3	-1.0	0.0	-1.3	0.7	-0.4	0.0	1.8	2.4	0.4	3.1	7.6	-3.3	0.4	2.9	1.3	1.8	2.7	1.8	1.7	-0.7	-5.5
Jul	1.4	-1.2	-1.1	-4.9	-0.7	-3.6	0.3	1.5	1.8	1.8	1.8	1.3	8.1	-2.4	0.4	1.8	2.9	1.4	2.5	2.0	1.8	0.6	-7.4
Aug	1.1	-1.3	-1.6	-6.0	-1.2	-4.4	1.0	1.8	1.5	2.3	0.4	1.3	4.4	-1.6	0.6	1.6	1.5	1.2	2.6	2.1	3.2	1.4	-7.8
Sep	1.1	-1.9	-1.1	-0.1	-1.2	-2.4	0.9	2.6	1.4	2.7	-0.3	0.1	4.4	-1.5	0.9	0.9	1.5	1.2	2.6	2.0	-0.7	2.7	-6.4
Oct	1.0	-2.4	-0.6	-6.8	-0.3	-1.0	0.3	-0.3	1.4	2.7	0.1	-1.7	5.6	-1.9	1.0	1.5	0.2	1.4	2.3	2.0	-2.5	2.4	-5.4
Nov	0.6	-2.3	-1.6	-2.5	-2.0	-0.4	0.6	2.0	0.8	0.8	-0.8	-1.7	3.4	-1.8	1.1	0.0	0.1	1.4	2.4	1.9	-0.7	3.4	-3.4

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.
6 Monthly data from the construction survey are only available from January 2010, therefore the data prior to this period are derived using statistical methods from the available quarterly data, and should therefore be treated with some caution.

REV1

Monthly GDP based on GVA (Gross Value Added) [1]
Revisions to growth of gross value added at basic prices [2]

seasonally adjusted 2016=100

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 [4]	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**

Percentage change, latest 3 months on previous 3 months [3,5]

	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
2017 Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018 Jan	0.0	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.4	0.3	-0.1	-0.2	0.2	0.0	0.0	0.0	-0.3	-0.1	-0.4	-2.1
Feb	0.0	0.7	0.2	0.3	0.3	0.2	0.0	0.3	0.0	0.0	0.3	0.7	0.6	-0.2	-0.5	0.4	0.1	0.1	0.1	-0.6	-0.2	-0.6	-4.6
Mar	0.0	1.0	0.4	0.7	0.5	0.4	0.5	0.4	-0.1	0.0	0.5	0.8	0.7	-0.3	-0.7	0.6	0.0	0.1	0.1	-0.9	-0.1	-0.8	-7.3
Apr	0.0	0.7	0.4	0.5	0.4	0.2	0.9	0.3	-0.1	0.0	0.3	0.3	0.4	-0.2	-0.4	0.3	-0.2	0.1	0.0	-0.6	0.2	-0.4	-5.5
May	0.0	0.4	0.4	0.1	0.3	-0.1	2.1	0.2	-0.1	0.0	0.1	0.0	0.1	-0.2	-0.3	0.0	-0.2	0.1	0.0	-0.2	0.2	0.0	-3.0
Jun	0.0	-0.1	0.3	-0.2	0.2	0.0	1.9	0.1	0.0	0.0	0.1	-0.4	-0.4	-0.4	0.0	-0.2	-0.2	-0.1	0.1	0.1	-0.3	0.4	0.2
Jul	0.0	0.0	0.2	-0.3	0.1	0.4	1.4	0.1	-0.1	0.2	0.1	-0.2	-0.5	-0.7	0.0	-0.1	0.0	-0.1	0.2	0.1	-1.2	0.5	1.5
Aug	-0.1	0.0	0.1	-0.1	-0.1	0.8	0.3	0.0	-0.1	0.1	0.1	-0.2	-0.4	-0.8	0.0	-0.1	0.3	-0.1	0.2	-0.1	-1.6	0.7	2.5
Sep	0.0	0.0	0.1	-0.2	0.0	-0.2	0.4	0.2	-0.1	0.1	0.2	0.1	0.2	-0.7	0.0	-0.1	0.5	-0.1	0.2	-0.2	-0.9	0.6	1.7
Oct	0.0	0.0	-0.1	-0.1	-0.2	-0.7	1.1	-0.2	0.1	-0.2	-0.1	0.4	0.6	-0.2	0.0	-0.2	0.5	0.0	0.1	-0.2	-0.1	2.0	0.4
Nov	0.0	0.0	-0.1	-0.2	-0.2	-0.7	0.8	-0.2	0.1	-0.2	-0.1	-0.5	0.6	-0.2	0.0	-0.2	0.5	0.1	-0.2	-0.3	-0.1	2.1	0.7
Dec	0.0	-0.1	-0.2	0.3	-0.2	-0.7	0.8	-0.2	0.0	-0.2	-0.5	-0.1	0.2	0.2	0.0	-0.2	0.3	0.1	0.1	-0.3	-0.1	2.1	0.7
2019 Jan	0.0	-0.2	0.0	-0.1	-0.1	-0.4	0.2	-0.1	-0.1	-0.1	-0.4	-0.2	-0.2	0.3	0.0	-0.2	-0.1	0.1	-0.3	-0.1	0.8	0.4	-0.7
Feb	0.0	-0.2	0.1	0.0	0.2	-0.3	-0.6	0.0	0.0	0.1	-0.4	-0.1	-0.5	0.3	0.0	-0.1	0.1	0.0	-0.2	-0.1	-0.6	0.3	0.5
Mar	0.0	-0.4	0.2	-0.2	0.4	0.0	-0.8	0.1	0.0	0.2	0.0	0.4	-0.3	0.1	0.0	0.2	-0.1	-0.1	0.1	-0.2	-1.3	0.4	1.0
Apr	0.1	-0.1	0.2	0.2	0.3	0.4	-0.7	0.1	0.1	0.2	0.2	0.3	-0.1	-0.2	0.0	0.4	0.0	-0.2	0.4	-0.2	-1.0	1.2	1.1
May	0.1	-0.1	0.1	0.1	0.2	0.6	-0.3	0.2	0.1	0.2	0.1	0.0	-0.1	-0.4	0.0	0.3	0.0	-0.2	0.3	-0.1	-0.4	2.2	0.8
Jun	0.0	0.1	0.1	-0.1	0.2	-0.8	0.3	0.2	0.1	0.2	0.1	-0.2	-0.2	-0.5	-0.1	0.2	-0.2	-0.1	0.1	-0.1	0.2	2.9	1.3
Jul	0.0	0.1	0.0	-0.1	0.2	-1.8	0.6	0.3	0.0	0.2	-0.1	-0.1	-0.2	-0.3	0.0	0.4	-0.2	0.0	-0.4	0.1	0.7	2.8	1.5
Aug	0.1	0.1	0.0	0.5	0.2	-2.6	0.5	0.0	0.1	0.1	0.0	0.0	-0.3	0.1	-0.1	0.7	-0.2	0.0	-0.6	0.2	1.2	1.9	1.3
Sep	0.1	0.1	0.1	1.6	0.1	-1.1	0.4	0.6	0.1	0.1	0.0	-0.3	-0.1	0.5	0.0	0.4	-0.1	0.0	-0.5	0.1	0.8	0.8	-0.5
Oct	0.2	0.2	0.2	2.1	0.2	0.0	0.3	1.1	0.1	0.1	0.2	-0.6	0.1	0.6	0.0	0.0	0.1	-0.1	-0.5	-0.2	0.1	0.5	-1.0

Percentage change, latest 3 months on same 3 months a year ago [3,5]

	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
2017 Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018 Jan	0.0	0.4	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.2	0.4	0.3	-0.1	-0.2	0.3	0.0	0.0	0.0	-0.3	-0.1	-0.4	-2.2
Feb	0.0	0.7	0.2	0.4	0.3	0.2	0.0	0.3	-0.1	0.0	0.3	0.7	0.5	-0.3	-0.5	0.4	0.0	0.0	0.1	-0.6	-0.1	-0.7	-4.8
Mar	0.0	1.1	0.4	0.7	0.4	0.4	0.5	0.4	-0.1	0.1	0.5	0.9	0.8	-0.3	-0.8	0.6	0.0	0.1	0.0	-0.9	-0.2	-0.8	-7.5
Apr	0.0	1.0	0.5	0.5	0.5	0.2	1.0	0.4	-0.1	0.0	0.4	0.7	0.7	-0.3	-0.8	0.5	-0.1	0.1	0.0	-0.8	0.1	-0.7	-7.9
May	0.0	1.0	0.7	0.5	0.6	0.1	2.1	0.5	-0.1	0.1	0.4	0.6	0.7	-0.4	-0.7	0.4	-0.2	0.1	0.1	-0.8	0.0	-0.4	-8.0
Jun	0.0	1.1	0.7	0.5	0.6	0.3	2.4	0.4	-0.1	0.1	0.5	0.5	0.5	-0.7	-0.7	0.4	-0.2	0.1	0.1	-0.8	-0.4	-0.4	-7.1
Jul	0.0	1.0	0.8	0.4	0.6	0.7	2.5	0.5	-0.2	0.1	0.5	0.5	0.2	-1.0	-0.7	0.3	-0.1	0.1	0.2	-0.8	-1.1	-0.2	-6.1
Aug	0.0	1.0	0.8	0.5	0.7	0.9	2.4	0.5	-0.2	0.2	0.6	0.4	0.4	-1.3	-0.8	0.4	0.1	0.0	0.3	-0.9	-1.6	0.1	-5.2
Sep	0.0	1.0	0.8	0.2	0.6	0.7	2.7	0.4	-0.2	0.2	0.7	0.6	0.6	-1.4	-0.7	0.3	0.3	0.0	0.4	-1.0	-1.4	0.2	-5.3
Oct	0.0	1.0	0.7	0.3	0.5	0.4	3.1	0.4	-0.1	0.1	0.7	0.7	0.9	-1.5	-0.7	0.2	0.6	0.0	0.3	-1.0	-0.5	0.3	-5.8
Nov	0.0	1.0	0.7	0.3	0.4	0.2	3.6	0.2	-0.1	0.0	0.5	0.8	0.9	-1.4	-0.7	0.2	0.5	0.0	0.1	-1.0	0.4	0.4	-6.6
Dec	0.0	1.0	0.6	0.6	0.3	-0.1	3.4	0.2	-0.2	0.0	0.2	0.5	0.8	-1.3	-0.7	0.1	0.6	0.1	0.0	-1.0	0.7	0.7	-6.8
2019 Jan	-0.1	0.5	0.6	0.1	0.4	-0.1	3.1	0.0	-0.2	0.1	0.0	0.0	0.4	-1.0	-0.5	-0.3	0.5	0.1	0.0	-0.7	0.4	1.0	-4.3
Feb	0.0	0.0	0.5	-0.1	0.3	-0.4	2.9	0.0	-0.1	0.2	-0.2	-0.1	-0.1	-0.8	-0.3	-0.4	0.5	-0.1	0.0	-0.5	-0.1	1.5	-1.1
Mar	0.0	-0.4	0.4	-0.4	0.3	-0.3	2.1	-0.1	0.0	0.2	-0.2	0.0	-0.3	-0.8	0.0	-0.3	0.6	-0.1	0.0	-0.3	-0.5	2.0	1.8
Apr	0.0	-0.3	0.3	-0.2	0.2	0.1	1.4	-0.2	0.0	0.2	-0.1	0.1	-0.3	-1.0	0.0	-0.1	0.6	-0.2	0.2	-0.4	-0.8	2.6	2.2
May	0.0	-0.3	0.2	-0.1	0.2	0.2	0.6	0.0	0.0	0.4	-0.1	0.0	-0.3	-1.1	0.0	-0.1	0.8	-0.2	0.3	-0.4	-0.7	3.5	2.4
Jun	0.0	-0.2	0.1	-0.3	0.2	-1.1	0.5	0.0	0.1	0.3	-0.2	0.2	-0.1	-0.9	0.0	0.1	0.6	-0.2	0.2	-0.5	0.1	4.4	2.8
Jul	0.1	-0.3	0.0	0.0	0.2	-2.2	0.6	0.1	0.1	0.3	-0.3	0.1	-0.2	-0.6	-0.1	0.5	0.5	-0.1	-0.3	-0.3	1.1	4.8	2.2
Aug	0.1	-0.3	0.1	0.5	0.3	-3.0	0.8	0.0	0.2	0.3	-0.3	0.2	-0.2	-0.2	-0.1	0.7	0.2	0.0	-0.6	-0.2	2.1	4.7	1.4
Sep	0.2	-0.1	0.1	1.6	0.4	-2.5	0.7	0.7	0.2	0.3	-0.4	-0.3	-0.5	0.4	-0.2	0.5	0.0	0.0	-0.5	-0.1	1.8	4.7	0.7
Oct	0.3	-0.1	0.4	2.1	0.6	-1.9	0.2	1.3	0.1	0.4	-0.3	-0.5	-0.6	0.5	-0.2	0.6	0.0	-0.1	-0.5	-0.1	1.1	4.7	0.8

1 The GVA output is designated as a National Statistic.
2 Estimates cannot be regarded as accurate to the last digit shown.
3 Any apparent inconsistencies between the index numbers and the percentage
   changes shown in these tables are due to rounding.
4 Monthly data from the construction survey are only available from January 2010, therefore the data prior to this period are derived using statistical methods from the available quarterly data, and should therefore be treated with some caution.
5 Revisions to periods highlighted in Grey are consistent with the Quarterly National Accounts published on 22 December 2019

REV2

Monthly GDP based on GVA (Gross Value Added) [1]
Revisions to growth of gross value added at basic prices [2,3]

seasonally adjusted 2016=100

Periods open for revision: Jan 2018 - Oct 2019

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 [4]	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**

Percentage change, latest month on previous month [3,5]

	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
2017 Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018 Jan	0.0	1.0	0.2	0.5	0.3	0.2	0.4	0.5	-0.1	0.0	0.4	1.1	0.9	-0.5	-0.7	0.7	0.0	0.1	0.1	-1.0	-0.5	-1.2	-6.5
Feb	0.0	0.0	0.2	0.2	0.2	0.0	-0.9	0.0	0.0	-0.1	0.0	-0.3	-0.1	0.2	0.0	-0.2	-0.1	0.0	0.0	0.0	0.4	0.2	-0.8
Mar	0.0	0.0	0.2	0.1	0.0	0.2	2.1	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.2	0.3	-0.6
Apr	0.0	0.0	0.0	-0.3	0.2	-0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.1	-0.1	0.0	-0.1	0.0	0.0	-0.1	0.2
May	0.0	0.0	0.1	-0.2	0.1	0.1	0.8	0.1	0.0	0.1	0.0	0.0	0.0	-0.3	0.0	0.0	0.1	0.0	0.1	0.1	-0.5	0.2	0.1
Jun	-0.1	-0.1	0.0	0.4	-0.1	1.3	0.0	-0.1	-0.1	0.1	0.3	-0.3	-0.7	-0.3	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1	-0.9	0.3	1.9
Jul	0.1	0.1	0.1	-0.4	0.2	-0.4	-0.6	0.1	0.1	0.0	-0.1	0.4	0.3	-0.4	0.0	0.1	0.4	-0.1	0.2	-0.2	-0.3	0.3	0.7
Aug	0.0	0.0	-0.2	0.1	-0.3	-0.2	0.3	-0.1	0.1	0.0	0.0	-0.2	0.6	-0.1	0.0	0.1	0.4	-0.1	-0.1	-0.1	-0.2	0.2	0.3
Sep	0.0	0.0	0.0	-0.4	0.0	0.1	1.1	-0.3	0.0	0.0	0.4	0.5	0.0	-0.2	-0.1	-0.3	-0.1	0.0	-0.1	0.0	1.1	-0.2	-1.2
Oct	0.1	0.0	-0.1	0.7	0.0	-1.1	0.1	-0.2	0.1	0.0	-0.6	-0.2	0.3	0.2	0.0	-0.1	0.3	0.0	-0.2	0.0	1.7	0.4	-0.2
Nov	-0.1	-0.1	-0.1	-0.3	-0.2	0.3	0.1	-0.2	-0.1	-0.2	-0.1	-0.1	-0.2	0.2	0.0	0.1	-0.4	0.0	-0.2	0.0	0.4	0.4	-0.8
Dec	-0.1	0.0	0.1	0.3	0.1	0.1	-0.5	-0.1	-0.1	0.2	0.0	-0.7	-0.6	0.0	0.0	-0.3	0.4	0.0	-0.1	0.0	-0.5	0.2	0.6
2019 Jan	0.1	-0.3	0.2	-0.7	0.4	-0.5	-0.2	0.4	0.0	0.2	-0.1	0.8	0.4	0.1	0.0	-0.2	-0.2	-0.1	0.1	0.0	-0.7	-0.8	0.6
Feb	0.0	0.0	0.0	0.5	0.0	0.0	-0.4	-0.2	0.0	-0.1	0.1	0.4	-0.2	0.0	0.0	0.6	0.0	-0.1	0.2	0.0	-0.3	1.0	0.6
Mar	0.1	-0.1	0.1	0.1	0.1	1.1	-0.3	0.0	0.0	0.1	0.1	-0.4	0.0	-0.3	0.0	0.0	0.3	-0.1	0.2	0.0	0.1	0.7	-0.2
Apr	0.0	0.2	0.1	-0.1	0.1	-0.4	0.4	0.1	-0.1	0.1	0.2	-0.3	0.1	-0.1	0.0	-0.3	-0.4	0.0	0.1	0.0	-0.3	0.7	0.2
May	0.0	0.0	-0.1	-0.4	-0.1	-0.5	0.3	0.3	0.0	0.3	-0.4	0.1	-0.3	-0.3	0.0	0.1	0.2	0.0	-0.1	0.0	0.3	1.7	0.5
Jun	0.0	0.0	-0.1	-0.2	0.3	-2.5	0.0	-0.3	0.1	-0.1	0.2	0.3	-0.1	0.0	-0.1	0.6	-0.1	0.1	-0.3	0.2	0.8	0.7	2.3
Jul	0.1	0.0	0.1	1.1	-0.1	0.6	0.2	0.3	0.0	0.1	0.0	-0.3	0.0	0.4	0.0	0.3	-0.1	0.0	-0.4	0.0	0.0	-0.3	-1.8
Aug	0.0	0.1	0.0	0.8	-0.1	0.1	0.2	-0.2	0.0	0.0	-0.1	0.0	0.1	0.3	0.0	-0.3	-0.1	0.0	0.1	0.0	0.5	0.0	-0.7
Sep	0.2	0.2	0.2	0.7	0.2	0.3	0.1	1.8	0.0	0.1	0.0	-0.4	-0.1	0.1	0.1	-0.4	0.2	-0.1	0.3	0.0	-0.7	0.2	0.1
Oct	0.1	-0.1	0.3	0.5	0.3	0.5	0.0	0.1	0.1	0.0	0.2	-0.2	-0.1	0.0	-0.1	0.6	0.7	0.0	-0.5	0.0	0.4	0.3	0.0

Percentage change, latest month on same month a year ago [3,5]

	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
2017 Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018 Jan	0.0	1.1	0.3	0.5	0.2	0.3	0.5	0.4	-0.1	0.0	0.4	1.2	0.9	-0.4	-0.8	0.8	0.1	0.1	0.1	-0.9	-0.5	-1.1	-6.8
Feb	0.0	1.0	0.4	0.7	0.5	0.3	-0.4	0.4	-0.2	-0.1	0.5	0.8	0.7	-0.3	-0.8	0.5	0.0	0.1	0.1	-0.9	0.0	-0.9	-7.6
Mar	0.0	1.0	0.7	0.7	0.5	0.6	1.6	0.4	-0.2	0.0	0.5	0.6	0.8	-0.3	-0.8	0.5	-0.2	0.1	0.1	-0.9	0.1	-0.6	-8.2
Apr	0.0	1.0	1.0	0.7	0.6	-0.2	1.9	0.5	-0.1	0.0	0.5	0.5	0.7	-0.4	-0.8	0.5	-0.3	0.1	0.1	-0.8	0.2	-0.7	-7.9
May	0.0	1.1	0.8	0.2	0.7	0.0	2.7	0.5	-0.2	0.1	0.5	0.6	0.7	-0.7	-0.7	0.4	-0.2	0.1	0.1	-0.8	-0.3	-0.5	-7.7
Jun	0.0	1.0	0.9	0.6	0.5	1.1	2.8	0.5	-0.2	0.1	0.7	0.2	-0.1	-1.0	-0.7	0.3	-0.3	0.1	0.2	-0.9	-1.3	-0.2	-5.7
Jul	0.0	1.0	0.9	0.3	0.8	0.9	2.1	0.6	-0.2	0.2	0.6	0.6	0.2	-1.4	-0.7	0.3	0.1	0.0	0.4	-0.9	-1.6	0.1	-5.0
Aug	0.1	1.0	0.7	0.4	0.5	0.6	2.4	0.5	-0.1	0.1	0.6	0.4	0.8	-1.5	-0.7	0.4	0.5	-0.1	0.4	-1.0	-1.8	0.3	-4.8
Sep	0.0	1.1	0.7	-0.1	0.5	0.7	3.4	0.1	-0.2	0.1	1.0	0.9	0.9	-1.6	-0.8	0.2	0.4	0.0	0.3	-1.0	-0.7	0.1	-6.0
Oct	0.0	1.0	0.7	0.6	0.4	-0.3	3.5	0.5	-0.1	0.0	0.4	0.7	1.1	-1.5	-0.7	0.1	0.8	0.0	0.1	-1.0	1.1	0.5	-6.5
Nov	-0.1	1.0	0.6	0.3	0.2	0.0	3.6	0.2	-0.2	-0.1	0.3	0.7	0.9	-1.2	-0.7	0.3	0.4	0.0	-0.1	-1.1	0.8	0.9	-7.4
Dec	-0.1	0.9	0.6	0.8	0.4	0.1	3.2	0.1	-0.2	0.0	0.2	-0.1	0.3	-1.2	-0.7	-0.2	0.8	0.1	-0.1	-1.0	0.4	1.0	-6.6
2019 Jan	-0.1	-0.4	0.5	-0.6	0.4	-0.6	2.5	0.0	-0.1	0.2	-0.4	-0.5	-0.3	-0.6	0.0	-1.0	0.4	-0.1	-0.1	-0.2	0.2	1.3	0.7
Feb	0.0	-0.3	0.4	-0.2	0.3	-0.5	3.0	-0.1	0.0	0.2	-0.2	0.4	-0.3	-0.8	0.0	-0.1	0.4	-0.1	0.0	-0.3	-0.7	2.2	2.1
Mar	0.0	-0.4	0.2	-0.3	0.3	0.3	0.6	-0.2	0.0	0.2	-0.2	0.1	-0.4	-1.1	-0.1	0.0	1.0	-0.2	0.3	-0.3	-0.8	2.5	2.4
Apr	0.0	-0.2	0.2	0.0	0.2	0.6	0.8	-0.1	0.0	0.3	0.0	-0.1	-0.2	-1.0	0.0	-0.2	0.6	-0.2	0.4	-0.5	-1.0	3.2	2.3
May	0.0	-0.3	0.0	-0.1	0.0	-0.1	0.3	0.2	0.0	0.5	-0.3	0.0	-0.4	-1.1	-0.1	-0.1	0.7	-0.3	0.2	-0.5	-0.2	4.7	2.8
Jun	0.2	-0.2	0.0	-0.7	0.5	-3.8	0.4	-0.1	0.2	0.3	-0.4	0.6	0.2	-0.7	-0.1	0.6	0.6	-0.2	-0.2	-0.3	1.6	5.1	3.1
Jul	0.2	-0.3	0.0	0.8	0.2	-2.7	1.1	0.1	0.2	0.3	-0.2	-0.1	-0.2	0.0	-0.2	0.9	0.2	0.0	-0.8	-0.2	2.0	4.7	0.9
Aug	0.1	-0.2	0.2	1.4	0.4	-2.5	1.0	0.0	0.1	0.4	-0.3	0.1	-0.6	0.4	-0.2	0.5	-0.3	0.0	-0.7	-0.1	2.7	4.5	0.0
Sep	0.2	0.0	0.3	2.6	0.6	-2.3	-0.1	2.1	0.1	0.4	-0.6	-0.8	-0.7	0.7	0.0	0.4	-0.1	-0.2	-0.2	-0.1	0.9	4.8	1.2
Oct	0.3	0.0	0.7	2.2	0.9	-0.9	-0.1	1.8	0.2	0.6	0.2	-0.9	-0.8	0.5	-0.2	1.1	0.3	-0.2	-0.5	0.0	-0.4	4.7	1.4

1 The GVA output is designated as a National Statistic.
2 Estimates cannot be regarded as accurate to the last digit shown.
3 Any apparent inconsistencies between the index numbers and the percentage
  changes shown in these tables are due to rounding.
4 Monthly data from the construction survey are only available from January 2010, therefore the data prior to this period are derived using statistical methods from the available quarterly data, and should therefore be treated with some caution.
5 Revisions to periods highlighted in Grey are consistent with the Quarterly National Accounts published on 22 December 2019

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 [2,3,4]

seasonally adjusted 2016=100

	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
Section	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
2017 Nov	0.45	0.00	0.21	0.02	0.18	-0.01	0.02	0.00	0.25	0.05	0.03	-0.03	0.06	-0.07	0.01	0.11	0.09	0.00	0.00	-0.04	0.02	0.00	-0.01
Dec	0.47	-0.01	0.14	-0.02	0.16	0.00	0.01	0.05	0.28	0.03	0.02	-0.01	0.10	-0.06	0.04	0.09	0.11	0.01	-0.01	-0.03	0.02	0.00	-0.01
2018 Jan	0.56	-0.01	0.06	-0.04	0.09	0.00	0.00	0.10	0.41	0.02	0.00	0.03	0.07	0.00	0.05	0.13	0.11	0.01	-0.01	0.01	0.01	-0.02	-0.01
Feb	0.43	-0.01	-0.01	-0.07	0.05	0.02	-0.02	0.07	0.39	0.02	-0.01	0.03	0.05	0.05	0.05	0.11	0.06	0.00	0.00	0.04	0.01	-0.02	0.00
Mar	0.20	-0.01	-0.02	0.01	-0.02	0.02	-0.02	-0.11	0.34	0.04	-0.02	0.02	0.01	0.08	0.05	0.11	0.01	0.01	0.01	0.05	0.00	0.01	0.01
Apr	-0.01	-0.01	-0.02	0.03	-0.08	0.04	-0.01	-0.18	0.21	0.05	-0.02	0.01	0.02	0.06	0.05	0.04	-0.04	-0.01	0.02	0.02	0.00	0.01	0.01
May	0.21	-0.01	-0.06	0.05	-0.10	-0.02	0.01	-0.14	0.43	0.11	0.00	0.03	0.08	0.01	0.05	0.08	-0.01	0.00	0.03	0.00	0.01	0.02	0.01
Jun	0.59	-0.01	-0.06	0.04	-0.04	-0.07	0.03	0.05	0.61	0.20	0.06	0.05	0.10	-0.04	0.03	0.07	0.04	0.02	0.03	-0.01	0.02	0.02	0.01
Jul	0.86	-0.01	0.00	0.03	0.03	-0.10	0.04	0.13	0.73	0.28	0.09	0.06	0.09	-0.07	0.02	0.09	0.08	0.04	0.03	0.00	0.01	0.01	0.00
Aug	0.85	0.00	0.10	0.04	0.05	-0.03	0.04	0.12	0.63	0.23	0.09	0.09	0.04	-0.08	0.00	0.08	0.08	0.05	0.02	0.01	0.01	0.01	0.01
Sep	0.66	0.00	0.08	0.03	0.01	0.02	0.02	0.06	0.52	0.14	0.06	0.02	0.17	-0.07	-0.01	0.10	0.03	0.05	0.02	0.02	-0.01	-0.01	0.01
Oct	0.50	0.00	-0.01	0.02	-0.05	0.02	0.01	0.04	0.46	0.03	0.04	0.00	0.22	-0.06	-0.01	0.11	0.04	0.03	0.02	0.04	0.01	-0.02	0.01
Nov	0.41	0.01	-0.10	-0.01	-0.08	-0.01	-0.01	0.05	0.45	0.03	0.04	0.02	0.18	-0.05	-0.01	0.11	0.05	0.01	0.03	0.04	0.03	-0.03	0.00
Dec	0.30	0.00	-0.12	-0.01	-0.08	-0.01	-0.01	0.00	0.41	0.03	0.04	0.04	0.10	-0.06	0.01	0.08	0.08	0.00	0.04	0.04	0.03	-0.03	0.00
2019 Jan	0.27	0.00	-0.06	-0.03	-0.01	-0.01	-0.02	-0.02	0.35	0.08	0.03	0.05	0.11	-0.07	0.02	0.00	0.06	0.01	0.05	0.03	0.02	-0.03	-0.01
Feb	0.31	-0.01	0.02	-0.02	0.08	-0.03	-0.02	0.01	0.28	0.08	0.01	0.03	0.13	-0.08	0.03	-0.05	0.05	0.04	0.05	0.02	0.01	-0.03	-0.01
Mar	0.60	-0.01	0.17	-0.01	0.23	-0.04	-0.02	0.11	0.34	0.14	0.00	0.02	0.15	-0.10	0.03	-0.06	0.05	0.05	0.06	0.02	0.00	-0.01	-0.01
Apr	0.46	-0.01	0.07	0.01	0.11	-0.04	-0.01	0.10	0.29	0.11	0.00	0.00	0.11	-0.11	0.04	-0.01	0.04	0.05	0.06	0.02	-0.01	0.01	-0.01
May	0.21	-0.01	-0.02	0.01	-0.03	0.00	0.01	0.03	0.21	0.11	-0.01	-0.02	0.07	-0.10	0.04	-0.01	0.02	0.03	0.06	0.02	-0.02	0.02	-0.01
Jun	-0.16	0.00	-0.23	-0.01	-0.26	0.03	0.02	-0.06	0.14	0.03	-0.02	-0.01	0.08	-0.06	0.03	0.01	-0.02	0.01	0.04	0.03	-0.02	0.03	-0.01
Jul	0.13	0.00	-0.10	-0.02	-0.14	0.03	0.03	-0.05	0.27	0.03	-0.02	0.00	0.09	0.00	0.02	0.05	0.01	0.00	0.02	0.05	-0.01	0.04	-0.01
Aug	0.31	0.00	-0.07	-0.02	-0.08	0.00	0.02	-0.02	0.40	0.02	-0.01	0.02	0.08	0.06	0.00	0.12	-0.01	0.00	0.00	0.06	0.02	0.04	0.00
Sep	0.45	0.00	0.01	0.00	0.01	-0.03	0.02	0.07	0.37	0.04	0.00	-0.02	0.06	0.08	0.01	0.08	0.00	0.00	0.00	0.06	0.01	0.04	0.00
Oct	0.22	0.00	-0.06	0.00	-0.05	-0.01	0.01	0.05	0.23	0.05	-0.01	-0.05	0.04	0.06	0.03	0.06	-0.05	0.00	0.01	0.06	0.00	0.03	0.00
Nov	0.07	0.00	-0.08	0.00	-0.08	0.01	0.00	0.07	0.08	0.02	-0.01	-0.06	0.03	0.00	0.06	0.01	-0.02	0.00	0.03	0.04	-0.03	0.01	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
2017 Nov	1.74	0.04	0.41	0.06	0.39	-0.05	0.01	0.33	0.96	0.19	0.07	0.02	0.27	-0.26	-0.22	0.37	0.23	0.05	0.08	0.03	0.08	0.03	0.00
Dec	1.64	0.03	0.31	0.02	0.33	-0.05	0.01	0.33	0.97	0.13	0.08	0.04	0.30	-0.21	-0.21	0.35	0.27	0.05	0.05	0.02	0.07	0.02	0.00
2018 Jan	1.53	0.02	0.16	-0.01	0.23	-0.05	-0.02	0.25	1.11	0.14	0.07	0.05	0.35	-0.14	-0.15	0.35	0.28	0.04	0.02	0.03	0.04	0.01	0.01
Feb	1.40	0.00	0.12	-0.02	0.18	-0.01	-0.04	0.13	1.15	0.16	0.03	0.03	0.36	-0.08	-0.05	0.35	0.25	0.04	-0.01	0.03	0.02	0.02	0.01
Mar	1.29	-0.02	0.20	0.01	0.21	0.04	-0.06	-0.04	1.15	0.17	-0.02	0.02	0.37	-0.05	0.03	0.36	0.20	0.02	-0.02	0.02	0.01	0.03	0.01
Apr	1.32	-0.02	0.25	0.02	0.19	0.07	-0.04	-0.09	1.18	0.17	-0.03	0.01	0.34	-0.05	0.07	0.40	0.22	0.01	-0.01	0.00	0.01	0.03	0.01
May	1.44	-0.02	0.21	0.03	0.18	0.02	-0.01	-0.08	1.33	0.25	0.00	0.03	0.34	-0.07	0.10	0.42	0.22	0.00	0.01	-0.01	0.01	0.01	0.01
Jun	1.63	-0.02	0.19	0.04	0.18	-0.05	0.02	-0.01	1.48	0.33	0.06	0.06	0.26	-0.07	0.11	0.40	0.26	0.01	0.03	-0.02	0.03	0.01	0.01
Jul	1.84	-0.03	0.20	0.04	0.19	-0.06	0.04	0.05	1.61	0.43	0.10	0.07	0.26	-0.09	0.12	0.38	0.22	0.03	0.04	-0.01	0.03	0.02	0.01
Aug	1.95	-0.03	0.23	0.05	0.18	-0.03	0.05	0.05	1.70	0.42	0.12	0.07	0.29	-0.09	0.11	0.38	0.23	0.06	0.04	0.01	0.03	0.02	0.00
Sep	1.93	-0.03	0.15	0.05	0.10	-0.03	0.04	0.05	1.76	0.42	0.11	0.10	0.38	-0.09	0.11	0.37	0.19	0.08	0.05	0.03	0.02	0.02	0.01
Oct	1.93	-0.03	0.04	0.04	0.00	-0.03	0.03	0.08	1.84	0.38	0.11	0.10	0.40	-0.08	0.11	0.38	0.19	0.08	0.06	0.07	0.03	-0.01	0.01
Nov	1.91	-0.02	-0.07	0.02	-0.07	-0.03	0.02	0.10	1.91	0.39	0.12	0.12	0.40	-0.08	0.09	0.38	0.18	0.07	0.08	0.09	0.04	-0.02	0.01
Dec	1.75	-0.02	-0.12	0.06	-0.14	-0.04	0.02	0.00	1.89	0.41	0.14	0.12	0.38	-0.09	0.08	0.36	0.16	0.06	0.10	0.10	0.04	-0.01	0.02
2019 Jan	1.63	-0.02	-0.09	0.06	-0.10	-0.04	0.02	-0.03	1.77	0.44	0.14	0.12	0.43	-0.14	0.07	0.24	0.14	0.08	0.12	0.09	0.04	-0.03	0.01
Feb	1.79	-0.02	-0.04	0.08	-0.04	-0.08	0.02	0.04	1.80	0.45	0.15	0.12	0.49	-0.21	0.07	0.21	0.17	0.10	0.14	0.08	0.04	-0.03	0.01
Mar	2.17	-0.02	0.08	0.05	0.12	-0.11	0.02	0.22	1.88	0.51	0.16	0.13	0.52	-0.27	0.06	0.19	0.21	0.12	0.15	0.08	0.04	-0.03	0.00
Apr	2.10	-0.01	0.01	0.04	0.08	-0.13	0.02	0.25	1.84	0.51	0.17	0.11	0.52	-0.31	0.06	0.19	0.21	0.13	0.16	0.08	0.03	-0.03	-0.01
May	1.78	-0.01	0.00	0.03	0.03	-0.07	0.02	0.21	1.58	0.45	0.14	0.07	0.48	-0.31	0.06	0.12	0.19	0.13	0.17	0.10	0.01	-0.03	-0.01
Jun	1.41	-0.01	-0.10	0.00	-0.11	0.00	0.01	0.11	1.41	0.34	0.08	0.06	0.50	-0.29	0.06	0.13	0.14	0.11	0.16	0.12	0.01	-0.02	-0.01
Jul	1.36	-0.01	-0.09	-0.02	-0.09	0.00	0.01	0.08	1.38	0.25	0.05	0.05	0.52	-0.23	0.06	0.15	0.14	0.09	0.15	0.14	0.01	-0.01	-0.02
Aug	1.24	-0.01	-0.17	-0.04	-0.11	-0.04	0.00	0.07	1.34	0.23	0.04	0.05	0.47	-0.17	0.06	0.16	0.10	0.07	0.15	0.15	0.04	0.01	-0.02
Sep	1.20	-0.01	-0.17	-0.04	-0.10	-0.05	0.01	0.12	1.25	0.24	0.03	0.02	0.40	-0.13	0.08	0.11	0.11	0.06	0.15	0.16	0.02	0.03	-0.02
Oct	1.07	-0.01	-0.15	-0.04	-0.09	-0.04	0.01	0.08	1.14	0.27	0.00	0.00	0.34	-0.11	0.11	0.10	0.06	0.06	0.14	0.15	0.00	0.04	-0.02
Nov	0.89	-0.02	-0.15	-0.03	-0.11	-0.02	0.01	0.09	0.96	0.22	-0.02	-0.03	0.32	-0.12	0.13	0.06	0.03	0.07	0.14	0.15	-0.02	0.05	-0.01

1 The GVA output is designated as a National Statistic.
2 Estimates cannot be regarded as accurate to the last digit shown.
3 A complete run of data is available on the ONS website.
4 Contributions are based on output GVA growth

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

CONTRIB 2

Monthly GDP based on GVA (Gross Value Added) [1]
Contributions to growth of gross value added at basic prices [2,3,4]

seasonally adjusted 2016=100

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
Section	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**

Contributon 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
2017 Nov	0.31	0.00	0.00	0.01	-0.02	0.02	0.00	0.13	0.18	0.03	-0.02	0.02	0.00	0.01	0.02	0.08	0.04	0.01	0.00	0.02	-0.01	-0.01	0.00
Dec	0.32	0.00	-0.03	-0.13	0.07	0.03	0.00	0.15	0.19	-0.05	0.00	0.01	0.10	0.01	0.01	0.03	0.04	0.00	0.00	0.03	0.02	-0.01	0.00
2018 Jan	0.08	-0.01	-0.01	0.13	-0.01	-0.07	-0.03	-0.17	0.26	0.06	0.01	0.02	-0.05	0.04	0.02	0.11	0.02	-0.01	0.00	0.02	-0.01	0.02	0.00
Feb	-0.33	-0.01	0.02	-0.01	-0.05	0.08	0.00	-0.07	-0.27	0.04	-0.03	-0.04	-0.07	0.04	0.02	-0.11	-0.09	-0.01	0.01	0.00	-0.01	-0.02	0.00
Mar	0.08	0.00	-0.01	-0.02	-0.04	0.03	0.02	-0.11	0.21	-0.08	-0.02	0.02	0.13	-0.01	0.02	0.07	0.03	0.00	0.01	0.00	0.01	0.03	0.01
Apr	0.33	0.00	-0.07	0.07	-0.04	-0.07	-0.01	0.08	0.32	0.11	0.04	0.03	0.02	-0.02	0.01	0.07	0.03	0.01	0.01	-0.01	0.01	-0.01	0.00
May	0.31	0.00	-0.06	-0.01	0.04	-0.10	0.02	0.08	0.29	0.20	0.05	0.02	0.02	-0.03	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00
Jun	0.31	0.00	0.14	0.00	0.07	0.04	0.03	0.05	0.12	-0.01	0.04	0.02	0.01	-0.03	-0.01	-0.01	0.08	0.02	0.01	0.00	0.00	0.01	0.00
Jul	0.27	0.00	0.04	0.04	-0.02	0.04	0.00	0.01	0.22	0.12	0.01	0.02	0.01	-0.03	0.00	0.10	-0.01	0.02	0.00	0.00	-0.02	-0.01	0.00
Aug	0.12	0.00	-0.02	0.01	-0.02	0.00	0.00	-0.02	0.17	-0.01	0.01	-0.03	0.17	-0.02	-0.01	0.01	0.00	0.01	0.01	0.02	0.01	0.00	0.00
Sep	0.01	0.00	-0.08	-0.03	-0.02	-0.03	0.00	0.05	0.03	-0.07	0.01	0.01	0.09	-0.02	-0.01	0.02	-0.02	0.00	0.01	0.02	0.02	-0.03	0.00
Oct	0.29	0.00	-0.01	0.02	-0.05	0.02	-0.01	0.03	0.26	0.06	0.03	0.03	-0.08	-0.01	0.03	0.06	0.10	-0.01	0.02	0.01	0.02	0.02	0.00
Nov	0.13	0.00	-0.03	-0.03	0.01	-0.01	-0.01	-0.03	0.19	0.10	0.01	0.03	0.05	-0.02	-0.01	0.04	0.01	0.00	0.02	0.01	-0.01	-0.02	0.00
Dec	-0.36	-0.01	-0.07	0.00	-0.05	-0.02	0.00	-0.12	-0.16	-0.12	0.00	-0.01	0.06	-0.03	0.02	-0.08	-0.04	0.02	0.02	0.01	0.02	-0.01	-0.01
2019 Jan	0.56	0.00	0.16	0.02	0.17	0.02	-0.02	0.14	0.25	0.16	-0.01	0.02	0.10	-0.03	0.01	-0.09	0.06	0.02	0.02	0.01	-0.01	-0.01	0.00
Feb	0.33	0.00	0.04	0.03	0.07	-0.07	0.00	0.11	0.19	0.01	0.00	0.01	0.00	-0.04	0.01	0.11	0.03	0.02	0.02	0.00	0.00	0.01	0.00
Mar	0.06	0.00	0.14	0.01	0.12	0.00	0.01	-0.08	0.01	0.04	0.00	-0.02	-0.01	-0.04	0.01	-0.02	-0.01	0.01	0.02	0.00	0.01	0.01	-0.01
Apr	-0.51	0.00	-0.43	-0.03	-0.42	0.04	0.00	-0.04	-0.06	0.00	0.00	-0.02	0.08	-0.03	0.01	-0.06	-0.03	0.00	0.02	0.01	-0.03	0.00	0.00
May	0.24	0.00	0.13	0.01	0.09	0.01	0.03	0.03	0.09	0.03	-0.03	-0.01	-0.01	0.00	0.02	0.01	0.04	0.00	0.01	0.02	-0.01	0.03	0.00
Jun	0.13	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.21	-0.05	-0.01	0.06	0.06	0.03	-0.02	0.12	-0.05	0.00	-0.01	0.03	0.04	0.01	0.00
Jul	0.37	0.00	0.02	-0.01	0.04	-0.02	0.01	0.09	0.25	0.05	0.06	-0.03	0.05	0.04	0.00	0.01	0.07	0.00	-0.01	0.02	-0.02	0.01	0.00
Aug	-0.16	0.00	-0.09	0.00	-0.07	-0.01	0.01	-0.01	-0.06	0.04	-0.05	-0.03	-0.08	0.04	0.01	0.00	-0.07	0.00	0.01	0.03	0.03	0.02	0.00
Sep	0.06	0.00	-0.01	0.02	-0.02	0.00	0.00	0.10	-0.03	-0.03	-0.02	-0.02	0.10	-0.01	0.02	-0.03	-0.02	0.00	0.01	0.01	-0.05	-0.01	0.00
Oct	0.13	0.00	0.05	-0.03	0.05	0.04	-0.02	-0.14	0.23	0.05	0.05	-0.02	0.00	-0.04	0.04	0.10	0.03	0.00	0.00	0.01	-0.01	0.00	0.00
Nov	-0.30	0.00	-0.16	0.01	-0.16	0.00	0.00	0.11	-0.25	-0.10	-0.03	0.03	-0.10	-0.02	0.00	-0.07	0.00	0.00	0.02	0.01	0.02	0.00	0.00

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
2017 Nov	1.67	0.03	0.33	0.05	0.38	-0.08	0.00	0.37	0.95	0.17	0.09	0.04	0.29	-0.21	-0.24	0.37	0.27	0.05	0.05	0.01	0.06	0.01	0.00
Dec	1.50	0.02	0.07	-0.09	0.14	0.01	0.00	0.37	1.06	0.06	0.09	0.05	0.34	-0.14	-0.16	0.35	0.30	0.05	0.03	0.04	0.05	-0.01	0.01
2018 Jan	1.41	-0.01	0.08	0.01	0.20	-0.08	-0.06	0.04	1.31	0.21	0.03	0.06	0.41	-0.07	-0.03	0.35	0.26	0.03	-0.02	0.03	0.01	0.02	0.02
Feb	1.28	-0.02	0.22	0.02	0.21	0.05	-0.06	0.00	1.07	0.21	-0.03	-0.03	0.31	-0.03	0.03	0.34	0.18	0.02	-0.03	0.02	0.01	0.03	0.01
Mar	1.19	-0.02	0.31	-0.01	0.22	0.14	-0.05	-0.16	1.07	0.10	-0.06	0.03	0.39	-0.06	0.09	0.37	0.14	0.01	-0.01	0.01	0.00	0.04	0.01
Apr	1.49	-0.02	0.22	0.06	0.14	0.02	0.00	-0.10	1.40	0.20	0.01	0.02	0.31	-0.07	0.10	0.48	0.33	-0.01	0.01	-0.02	0.00	0.01	0.01
May	1.63	-0.02	0.12	0.04	0.18	-0.12	0.02	0.01	1.53	0.46	0.05	0.05	0.32	-0.08	0.11	0.39	0.19	0.00	0.03	-0.03	0.03	0.00	0.01
Jun	1.78	-0.03	0.24	0.01	0.22	-0.06	0.06	0.06	1.51	0.34	0.13	0.10	0.17	-0.08	0.12	0.34	0.25	0.03	0.04	-0.02	0.05	0.03	0.00
Jul	2.11	-0.03	0.25	0.06	0.18	-0.02	0.03	0.09	1.80	0.50	0.11	0.05	0.28	-0.11	0.12	0.41	0.23	0.07	0.04	0.01	0.02	0.03	0.00
Aug	1.96	-0.03	0.21	0.08	0.12	-0.02	0.04	-0.01	1.80	0.42	0.12	0.07	0.41	-0.09	0.10	0.38	0.21	0.08	0.04	0.03	0.01	-0.01	0.01
Sep	1.71	-0.03	-0.02	0.02	-0.01	-0.06	0.03	0.06	1.70	0.33	0.11	0.11	0.45	-0.09	0.11	0.33	0.15	0.08	0.05	0.06	0.03	-0.02	0.01
Oct	2.11	-0.02	-0.08	0.03	-0.12	-0.01	0.02	0.20	2.01	0.39	0.12	0.13	0.35	-0.05	0.10	0.43	0.21	0.06	0.08	0.12	0.04	-0.01	0.02
Nov	1.92	-0.02	-0.11	0.00	-0.09	-0.04	0.02	0.04	2.01	0.46	0.15	0.14	0.41	-0.09	0.07	0.39	0.18	0.06	0.10	0.11	0.04	-0.01	0.02
Dec	1.24	-0.02	-0.16	0.15	-0.21	-0.09	0.01	-0.23	1.65	0.38	0.15	0.11	0.37	-0.13	0.08	0.28	0.10	0.07	0.12	0.09	0.04	-0.02	0.01
2019 Jan	1.72	-0.02	0.01	0.00	-0.02	0.00	0.02	0.08	1.64	0.49	0.13	0.11	0.52	-0.20	0.06	0.07	0.14	0.10	0.14	0.08	0.03	-0.04	0.01
Feb	2.40	-0.02	0.03	0.05	0.11	-0.15	0.03	0.27	2.11	0.47	0.16	0.15	0.59	-0.28	0.06	0.29	0.26	0.13	0.15	0.08	0.04	-0.01	0.00
Mar	2.38	-0.01	0.18	0.09	0.27	-0.18	0.01	0.30	1.90	0.58	0.19	0.11	0.46	-0.31	0.06	0.20	0.22	0.14	0.16	0.08	0.04	-0.04	-0.01
Apr	1.52	-0.01	-0.18	-0.02	-0.12	-0.07	0.02	0.19	1.52	0.47	0.15	0.07	0.51	-0.33	0.06	0.08	0.16	0.13	0.17	0.09	0.00	-0.04	-0.01
May	1.45	-0.01	0.01	0.00	-0.07	0.05	0.02	0.14	1.31	0.30	0.07	0.04	0.48	-0.29	0.07	0.09	0.20	0.11	0.17	0.12	-0.01	-0.01	-0.01
Jun	1.26	-0.01	-0.13	0.00	-0.13	0.01	-0.01	0.00	1.40	0.26	0.02	0.09	0.53	-0.23	0.06	0.22	0.07	0.09	0.15	0.14	0.03	-0.01	-0.02
Jul	1.37	-0.01	-0.15	-0.05	-0.07	-0.05	0.00	0.09	1.43	0.19	0.07	0.04	0.56	-0.17	0.06	0.14	0.15	0.07	0.14	0.15	0.03	0.01	-0.02
Aug	1.08	-0.01	-0.22	-0.06	-0.12	-0.06	0.01	0.11	1.20	0.24	0.01	0.04	0.31	-0.11	0.08	0.12	0.08	0.06	0.15	0.16	0.01	0.02	-0.02
Sep	1.14	-0.01	-0.15	0.00	-0.12	-0.03	0.01	0.16	1.14	0.29	-0.01	0.00	0.32	-0.10	0.12	0.07	0.08	0.06	0.15	0.15	-0.01	0.04	-0.02
Oct	0.98	-0.02	-0.08	-0.06	-0.03	-0.01	0.00	-0.02	1.10	0.28	0.00	-0.05	0.40	-0.13	0.13	0.12	0.01	0.07	0.13	0.15	-0.04	0.04	-0.02
Nov	0.56	-0.02	-0.21	-0.02	-0.19	-0.01	0.01	0.12	0.66	0.09	-0.04	-0.05	0.24	-0.12	0.15	0.00	0.00	0.07	0.14	0.14	-0.01	0.05	-0.01

1 The GVA output is designated as a National Statistic.
2 Estimates cannot be regarded as accurate to the last digit shown.
3 A complete run of data is available on the ONS website.
4 Contributions are based on output GVA growth

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