

Statistical bulletin

GDP monthly estimate, UK: November 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.



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1 . UK gross domestic product (GDP) grew by 0.3% in the three months to November 2018

Figure 1: Rolling three-month growth continued to slow after a peak in Quarter 3 (July to Sept) 2018

UK GDP growth, Quarter 1 (Jan to Mar) 2017 until September to November 2018

Figure 1: Rolling three-month growth continued to slow after a peak in Quarter 3 (July to Sept) 2018

UK GDP growth, Quarter 1 (Jan to Mar) 2017 until September to November 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 Sept), Q4 refers to Quarter 4 (Oct to Dec).
2. Rolling three-month data 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 National Accounts Rob Kent-Smith said:

"Growth in the UK economy continued to slow in the three months to November 2018 after performing more strongly through the middle of the year. Accountancy and housebuilding again grew but a number of other areas were sluggish.

"Manufacturing saw a steep decline, with car production and the often-erratic pharmaceutical industry both performing poorly."

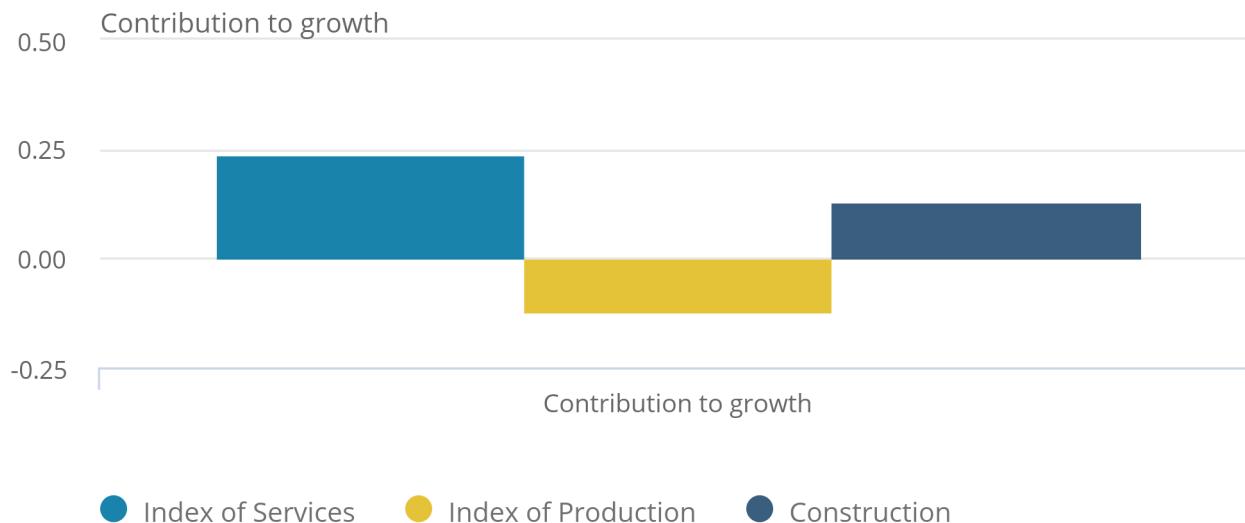
2 . The services and construction sectors drove GDP growth, although contraction in the production sector contributed negatively

Figure 2: The services sector was the largest contributor to growth, at 0.24 percentage points

Contribution to GDP growth, September to November 2018

Figure 2: The services sector was the largest contributor to growth, at 0.24 percentage points

Contribution to GDP growth, September to November 2018



Source: Office for National Statistics, GDP monthly estimate

Rolling three-month growth in the services sector was 0.3%, making the sector the largest contributor to gross domestic product (GDP) growth. The construction sector also had a positive contribution, with rolling three-month growth of 2.1%. However, growth of negative 0.8% in the production sector acted as a drag on GDP growth.

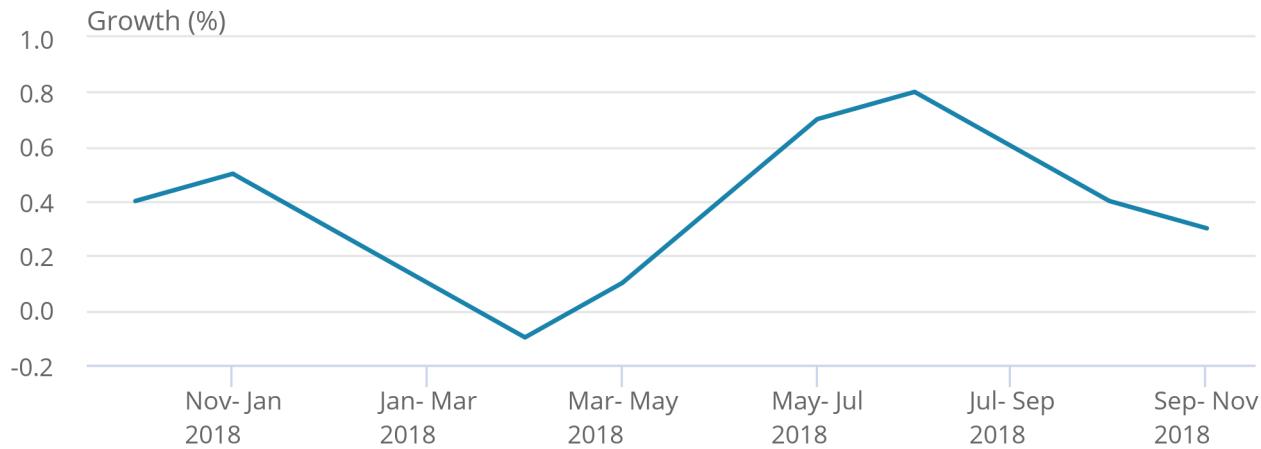
3 . Rolling three-month growth continued its slowdown after a strong summer

Figure 3: Rolling three-month growth increased by 0.3% in November 2018

Growth, three-months on previous three-months, October to December 2017 until September to November 2018

Figure 3: Rolling three-month growth increased by 0.3% in November 2018

Growth, three-months on previous three-months, October to December 2017 until September to November 2018



Source: Office for National Statistics, GDP monthly estimate

Notes:

1. Rolling three-month data 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 0.3% in November 2018, continuing the return to moderate growth rates after some volatility earlier in the year, in part related to the weather.

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 grew by 0.2% in November 2018

Table 1: Breakdown of GDP growth rates by month
UK, September, October and November 2018

	Sep-2018	Oct-2018	Nov-2018
GDP	0.0%	0.1%	0.2%
Index of Services	-0.1%	0.2%	0.3%
Index of Production	-0.5%	-0.5%	-0.4%
Manufacturing	-0.1%	-0.6%	-0.3%
Construction	1.9%	0.0%	0.6%
Agriculture	0.1%	0.2%	0.2%

Source: Office for National Statistics, GDP monthly estimate

Monthly gross domestic product (GDP) growth was 0.2% in November 2018, following flat growth in September 2018 and growth of 0.1% in October 2018.

The monthly growth rate for 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.

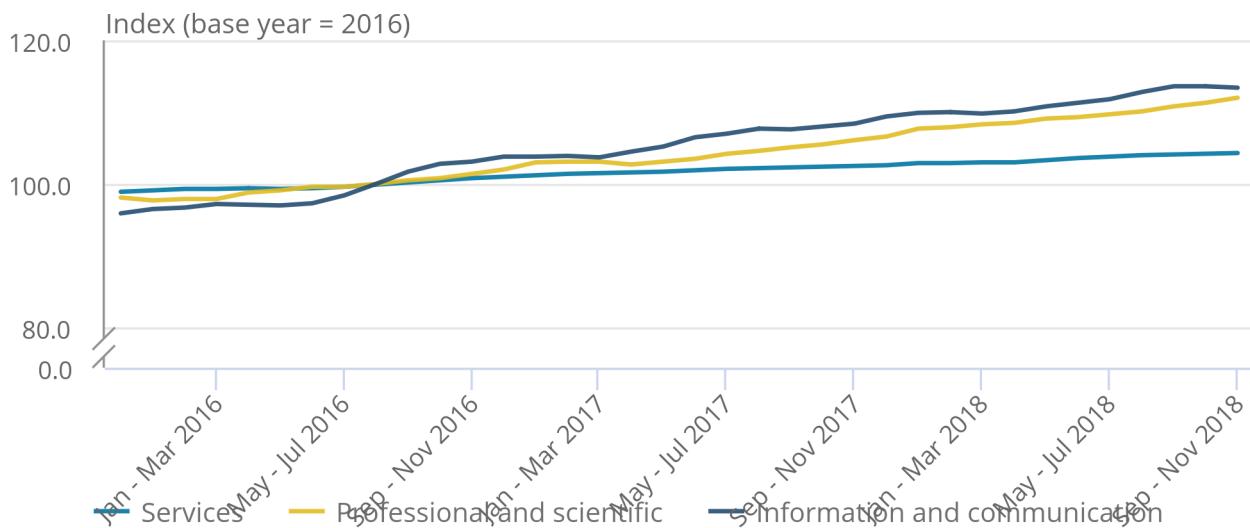
5 . The services sector grew by 0.3% in the three months to November 2018, driven by professional activities

Figure 4: Output in the professional industries and information and communication industries has risen steadily since 2016

Rolling three-month index, October to December 2015 until September to November 2018, base year 2016

Figure 4: Output in the professional industries and information and communication industries has risen steadily since 2016

Rolling three-month index, October to December 2015 until September to November 2018, base year 2016



Source: Office for National Statistics, GDP monthly estimate

Monthly growth in the services sector was 0.3% in November 2018. The main driver to growth was retail sales, which saw a boost from Black Friday promotions. This was partially offset by a slight contraction in legal activities and accounting.

The services sector rolling three-month growth to November 2018 was 0.3%. Professional and scientific activities was the largest contributor, with a contribution of 0.14 percentage points to gross domestic product (GDP) growth. Other notable contributors were information and communication, and human health activities. As seen in Figure 4, the professional and scientific industry and the information and communication industry have performed well since 2016, with growth over this period outstripping services as a whole.

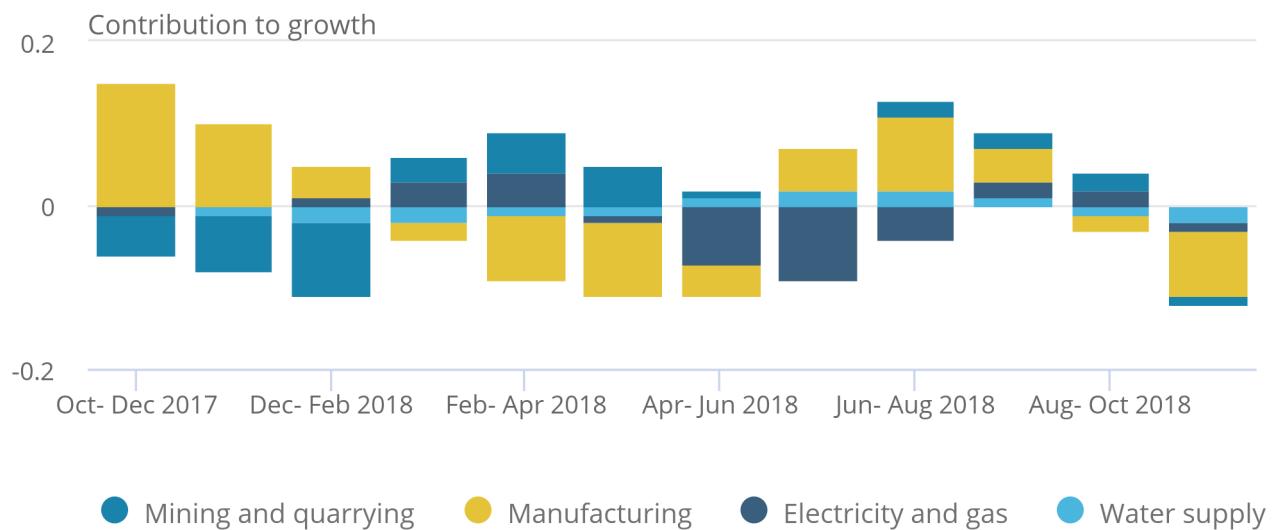
6 . The production sector experienced negative growth in the three months to November 2018, as all four of its subsectors contracted

Figure 5: Widespread contraction in production industries resulted in negative contributions to GDP across the sector

Contribution to GDP growth, three-months on previous three-months, October to December 2017 until September to November 2018

Figure 5: Widespread contraction in production industries resulted in negative contributions to GDP across the sector

Contribution to GDP growth, three-months on previous three-months, October to December 2017 until September to November 2018



Source: Office for National Statistics, GDP monthly estimate

Notes:

1. Rolling three-month data 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.

Month-on-month growth in the production industries was negative 0.4%. This was driven by weakness in manufacturing, and mining and quarrying, the latter due to unplanned maintenance.

Rolling three-month growth in production was negative 0.8%. As shown in Figure 5, all four main production sub-sectors experienced negative growth; the last time this happened was in October 2012. Maintenance across several months resulted in growth of negative 1.1% in mining and quarrying. Within manufacturing 10 out of 13 sub-industries contracted, driving the negative 0.8% growth in manufacturing.

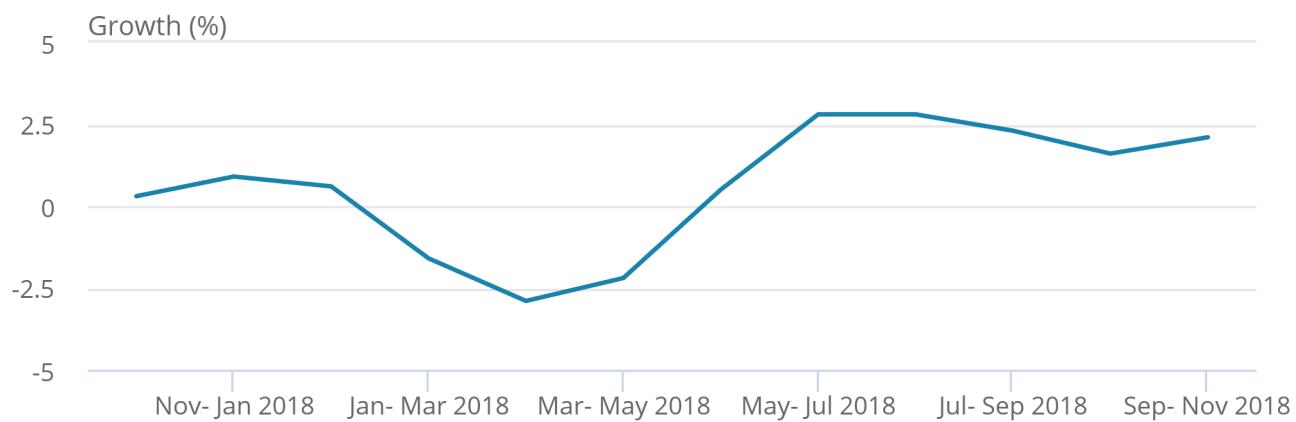
7 . Rolling three-month growth in construction continued to perform strongly after a summer high

Figure 6: Construction growth remained strong at 2.1%

Growth, three-months on previous three-months, October to December 2017 until September to November 2018

Figure 6: Construction growth remained strong at 2.1%

Growth, three-months on previous three-months, October to December 2017 until September to November 2018



Source: Office for National Statistics, GDP monthly estimate

Notes:

1. Rolling three-month data 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.

The construction sector had month-on-month growth of 0.6% in November 2018.

Rolling three-month growth for construction was 2.1% in November 2018, driven by new work in housebuilding and infrastructure.

The construction sector experienced high growth in the summer months, due partly to a bounce back from weakness in the spring. However, as illustrated in Figure 6, growth has remained at these high levels.

8 . Quality and methodology

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

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

9 . Related links

[Index of Services](#)

[Index of Production](#)

[Construction output in Great Britain](#)

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)																									Activities of households as employers, undifferentiated goods and services	
	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	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	Human health and social work activities	Arts, entertainment and recreation	Other service activities							
	A-T	A	B-E	B	C	D	E	F	G-T	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	L2MW	L2N2	L2NC	L2NE	L2NI	L2NQ	L2NT	L2O6	L2OC	L2OI	L2OX	L2PB	L2PA	L2PC	L2PJ	L2PP	L2PT						
2013	92.6	94.0	96.4	91.8	96.8	103.1	90.9	84.6	92.6	87.4	94.1	91.5	87.9	101.3	93.0	86.7	84.9	105.8	97.4	93.8	96.7	88.9					98.6
2014	95.7	105.0	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	99.0	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	
2017	102.4	103.0	101.8	99.4	102.5	98.4	103.4	107.1	102.1	102.1	102.8	106.8	100.2	101.0	104.6	104.5	100.2	100.6	99.7	102.6	104.4					92.8	
	ECY2	ECY3	ECY4	ECY5	ECY6	ECY7	ECY8	ECY9	ECYC	ECYD	ECYG	ECYH	ECYI	ECYJ	ECYK	ECYL	ECYP	ECYR	ECYS	ECYT	ECYU	ECYV					
2016 Nov	101.1	100.2	101.0	99.3	100.6	104.2	101.4	102.9	100.9	101.9	100.8	102.9	100.9	101.3	102.2	102.2	101.8	99.8	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	100.5	102.9	101.7	99.8	100.3	99.8	102.8	104.3					87.3		
2017 Jan	101.8	101.5	101.7	99.3	101.9	101.1	103.4	106.5	101.5	101.0	102.3	102.1	103.4	101.4	100.3	103.8	102.6	99.7	100.8	99.7	103.2					88.6	
Feb	101.6	102.4	100.8	98.5	101.4	97.0	104.3	106.3	101.4	101.4	102.5	103.6	103.4	101.2	100.5	102.5	102.8	99.8	101.0	99.7	101.3					89.5	
Mar	101.8	102.8	100.4	100.5	101.2	92.6	105.1	106.6	101.7	101.8	103.2	102.5	104.3	101.0	100.5	103.1	103.9	100.0	100.8	99.8	100.6					89.8	
Apr	101.8	102.8	100.7	98.4	101.4	96.6	103.4	106.5	101.6	101.7	101.6	103.3	105.7	100.7	100.8	102.4	101.4	100.2	100.6	99.9	102.8					91.2	
May	102.1	102.8	101.3	100.1	101.6	98.7	103.5	106.5	101.9	101.3	102.0	102.9	105.5	100.5	101.1	103.7	104.1	100.4	100.5	100.1	101.1					93.2	
Jun	102.4	102.9	101.7	104.3	101.9	98.1	103.3	107.0	102.2	102.3	100.8	101.7	108.3	100.4	101.1	104.5	104.3	100.3	100.4	99.9	101.6					97.5	
Jul	102.4	103.2	101.9	101.3	102.2	99.1	103.3	106.4	102.2	102.0	101.6	104.2	107.3	100.1	101.2	104.5	104.5	100.1	100.5	99.9	101.6					99.0	
Aug	102.6	103.5	101.8	99.4	102.4	99.5	102.6	108.4	102.4	102.6	101.5	102.4	105.5	100.4	101.4	104.9	105.1	100.0	100.5	99.7	103.5					98.0	
Sep	102.8	103.7	103.1	102.2	103.5	101.1	102.8	107.4	102.4	102.6	101.8	101.9	108.2	99.7	101.2	105.9	105.7	100.2	100.6	99.4	103.3					96.0	
Oct	102.7	103.7	103.1	103.3	104.0	97.3	103.6	106.0	102.4	102.6	102.3	102.1	108.3	99.3	101.3	105.5	106.0	100.4	100.5	99.6	103.3					92.1	
Nov	103.1	103.4	103.2	101.6	104.2	99.1	102.5	107.8	102.7	103.1	102.6	103.2	108.7	99.2	101.4	107.0	107.0	100.5	100.4	99.6	103.3					88.5	
Dec	103.2	102.8	102.3	84.5	104.4	101.0	102.6	109.4	102.9	102.3	102.8	111.2	99.3	101.4	107.3	107.0	100.6	100.4	99.7	104.8					88.8		
2018 Jan	103.3	102.1	103.0	101.6	104.4	97.7	100.4	107.4	103.1	102.6	104.2	109.7	99.4	101.5	108.8	107.9	100.6	100.4	99.8	103.9					92.4		
Feb	103.0	101.5	103.1	99.1	104.1	101.1	100.8	106.4	102.7	103.2	101.0	102.9	109.0	99.4	101.7	107.6	105.8	100.6	100.5	99.9	103.2					95.1	
Mar	103.1	101.3	102.9	96.4	103.6	103.7	100.7	104.4	103.0	102.6	100.8	103.6	110.7	99.3	101.7	108.5	106.8	100.7	100.6	99.9	104.5					99.9	
Apr	103.3	101.4	102.3	103.5	102.9	100.0	99.6	104.4	103.3	103.5	101.9	104.4	110.6	99.2	101.6	109.5	107.3	100.8	100.8	99.8	104.1					99.4	
May	103.6	101.7	101.9	98.4	103.4	95.1	101.2	107.2	103.6	105.2	102.7	111.0	111.0	101.6	109.2	107.2	101.0	100.9	99.7	103.6					97.9		
Jun	103.9	1																									

GVA2

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)																				Activities of households as employers, undifferentiated goods and services		
	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	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	Human health and social work activities	Arts, entertainment and recreation	Other service activities			
	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	EDGX	EDGY	EDGZ	EDHA	EDHB	EDHC	EDHD	EDHE	EDHF	EDHG	EDHH	EDHI	
2016 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	3.3	0.9	2.8	7.5	5.5	7.6	2.1	4.0	1.8	2.0	7.5	3.0	-0.3	5.4	3.4	-1.1	-0.6	0.2	0.5	2.3	-9.5
Feb	2.6	-0.5	3.2	1.2	3.1	4.1	5.6	7.8	2.1	3.2	2.5	2.8	7.5	2.5	-0.3	5.3	3.2	-1.0	-0.2	-0.1	0.6	3.3	-8.5
Mar	2.6	1.5	2.3	1.6	2.5	-1.2	6.7	9.2	2.2	2.8	3.4	3.6	6.7	2.6	0.0	5.4	3.7	-0.6	0.4	-0.4	1.1	4.2	-6.8
Apr	2.4	2.6	1.1	0.2	1.9	-5.7	6.1	8.5	2.2	2.9	3.2	4.3	7.6	2.3	0.2	3.9	3.0	-0.2	0.7	-0.4	2.0	4.6	-8.1
May	2.5	3.0	0.7	0.5	1.5	-6.2	4.4	8.5	2.4	2.5	3.2	4.0	8.4	1.8	0.7	4.0	4.2	0.2	0.8	-0.3	2.6	6.2	-10.6
Jun	2.5	3.2	0.7	0.9	1.4	-4.6	2.9	7.6	2.5	2.6	2.1	3.4	9.4	1.1	1.1	3.9	4.3	0.5	0.7	0.1	3.2	6.6	-11.7
Jul	2.6	3.4	1.5	-1.3	2.3	-1.9	2.3	7.4	2.5	2.6	2.2	3.7	8.8	0.2	1.4	4.6	5.5	0.5	0.5	-0.1	1.8	6.2	-11.2
Aug	2.6	3.8	1.7	-3.3	2.7	-0.9	2.4	7.8	2.4	2.8	1.7	3.2	7.7	-0.5	1.5	4.6	5.4	0.3	0.7	-0.3	2.7	6.3	-9.6
Sep	2.4	4.0	2.2	-4.0	3.0	1.4	2.3	7.1	2.1	2.3	1.7	2.8	5.9	-1.3	1.6	4.6	5.0	0.3	0.8	-0.4	3.1	6.7	-8.0
Oct	2.3	4.0	3.0	1.7	3.6	0.8	2.4	6.6	1.8	1.5	1.3	1.2	5.1	-1.5	1.6	4.6	4.9	0.3	0.8	-0.4	4.5	6.1	-6.3
Nov	2.1	3.7	3.2	4.4	3.9	-1.0	2.1	5.2	1.7	1.1	1.4	1.0	5.1	-1.7	1.5	4.7	4.7	0.5	0.7	-0.3	3.6	3.5	-4.6
Dec	1.9	3.2	2.2	-0.5	3.2	-1.7	1.7	4.5	1.6	0.7	1.2	1.4	5.3	-1.5	1.5	4.5	5.1	0.7	0.5	-0.2	3.1	0.3	-1.7
2018 Jan	1.7	2.1	1.2	-3.1	2.3	-2.1	-0.2	3.2	1.6	1.0	0.9	1.7	5.9	-1.6	1.4	4.6	5.2	0.8	0.1	0.0	1.7	-1.5	1.3
Feb	1.4	0.8	1.2	-3.7	2.0	0.9	-1.7	1.7	1.5	1.2	-0.2	0.9	5.8	-1.7	1.3	4.7	4.4	0.8	-0.3	0.1	1.5	-1.8	4.5
Mar	1.4	-0.6	2.0	-0.4	2.5	4.0	-3.5	-0.4	1.4	1.4	-1.2	0.8	5.9	-1.8	1.2	5.0	3.6	0.7	-0.4	0.1	2.2	-1.8	7.3
Apr	1.3	-1.2	2.1	0.6	2.2	6.5	-3.8	-1.3	1.4	1.5	-1.1	0.5	5.4	-1.7	1.0	5.7	3.9	0.7	-0.2	0.0	2.3	-2.1	8.9
May	1.4	-1.3	1.6	-0.2	1.9	3.8	-3.4	-1.1	1.6	2.2	-0.5	1.5	5.3	-1.5	0.8	5.8	3.9	0.6	0.1	-0.1	2.5	-3.0	8.4
Jun	1.4	-1.2	1.1	-0.9	2.0	-1.0	-0.1	1.6	2.7	1.0	2.7	4.5	-1.4	0.5	5.6	4.0	0.6	0.3	-0.2	2.2	-3.1	4.8	
Jul	1.6	-1.2	1.0	-2.4	2.1	-2.4	-1.1	1.2	1.7	3.4	1.5	3.3	4.5	-1.2	0.3	5.3	3.3	0.8	0.3	-0.3	2.7	-2.8	1.3
Aug	1.6	-1.3	1.2	-0.7	2.0	-1.6	-0.3	1.0	1.7	3.2	1.9	3.6	4.7	-1.0	0.2	5.3	3.1	0.9	0.2	-0.1	2.2	-2.9	0.1
Sep	1.6	-1.5	0.7	0.5	1.3	-1.8	-0.7	1.6	1.7	3.1	1.6	3.1	5.6	-0.9	0.2	5.4	2.5	0.9	0.1	1.7	-3.2	1.6	
Oct	1.5	-1.5	0.0	-0.5	0.5	-1.7	-1.4	2.3	1.7	2.8	1.5	3.3	5.2	-0.8	0.3	5.6	2.2	0.9	0.2	0.5	0.8	-2.9	5.3
Nov	1.5	-1.3	-0.9	-2.4	-0.4	-2.4	-2.0	3.3	1.8	2.9	1.5	3.3	4.6	-0.8	0.4	5.6	1.8	0.7	0.3	0.8	0.6	-0.7	9.7
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 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	0.0	0.4	0.1	2.1	2.2	-4.5	
2017 Jan	0.1	1.2	-0.5	1.0	-1.4	2.1	2.0	1.3	0.1	-1.0	0.2	0.4	-1.5	0.9	0.5	1.0	0.9	0.0	0.5	0.5	0.9	1.5	
Feb	-0.2	0.9	-0.9	-0																			

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)																								Activities of households as employers, undifferentiated goods and services
	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	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	Human health and social work activities	Arts, entertainment and recreation	Other service activities	S	T			
	A-T	A	B-E	B	C	D	E	F	G-T	H	I	J	K	L	M	N	O	P	Q	R	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 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	2.8	-0.3	3.0	3.5	2.3	5.3	5.7	8.9	2.3	2.5	2.7	3.1	6.2	2.8	0.1	6.9	3.7	-0.9	0.2	-0.1	1.9	5.3	-7.3		
Feb	2.3	1.8	2.2	-0.2	2.6	-1.3	7.0	7.8	1.9	2.9	2.8	4.2	6.4	2.6	-0.2	4.0	2.4	-0.7	0.1	-0.5	0.7	2.3	-5.8		
Mar	2.9	2.9	1.6	1.6	2.7	-7.3	7.3	11.0	2.5	3.1	4.6	3.5	7.6	2.4	0.0	5.3	5.0	-0.2	0.9	-0.5	0.5	5.1	-7.4		
Apr	2.1	3.1	-0.6	-0.8	0.4	-8.3	4.2	6.7	2.2	2.8	2.1	5.1	8.7	1.9	0.6	2.5	1.7	0.2	1.1	-0.2	4.9	6.5	-11.0		
May	2.6	3.1	0.9	0.8	1.5	-2.8	1.9	7.9	2.5	1.7	2.7	3.4	8.9	1.1	1.3	4.2	5.9	0.6	0.4	0.0	2.5	7.0	-13.0		
Jun	2.9	3.3	1.8	2.6	2.3	-2.6	2.8	8.2	2.6	3.2	1.3	1.6	10.7	0.4	1.3	5.0	5.4	0.5	0.5	-0.2	2.3	6.4	-10.9		
Jul	2.5	3.8	1.8	-6.8	3.2	-0.4	2.3	6.2	2.3	2.8	2.5	6.0	7.0	-0.8	1.5	4.5	5.2	0.3	0.7	-0.2	0.6	5.3	-9.7		
Aug	2.5	4.1	1.7	-5.3	2.7	0.5	2.0	9.0	2.1	2.5	1.4	1.9	5.6	-1.1	1.6	4.3	5.7	0.2	0.8	-0.4	5.3	7.3	-8.2		
Sep	2.2	4.1	3.0	0.5	3.1	4.2	2.4	6.2	1.8	1.5	1.2	0.5	5.1	-1.8	1.6	5.0	4.0	0.3	0.9	-0.5	3.6	7.6	-6.0		
Oct	2.2	3.8	4.4	10.7	5.0	-2.1	2.9	4.6	1.6	0.5	1.2	1.1	4.5	-1.5	1.5	4.4	5.0	0.5	0.8	-0.3	4.7	3.6	-4.5		
Nov	2.0	3.2	2.2	2.3	3.5	-4.9	1.1	4.8	1.7	1.3	1.8	1.5	5.6	-1.7	1.5	4.7	5.1	0.7	0.5	-0.1	2.6	-0.5	3.2		
Dec	1.5	2.6	0.1	-14.1	1.1	2.0	1.2	4.0	1.5	0.3	0.8	1.5	5.9	-1.2	1.5	4.4	5.3	0.8	0.1	-0.1	2.0	-2.2	2.9		
2018 Jan	1.5	0.6	1.3	2.3	2.4	-3.4	-2.8	0.8	1.6	1.6	0.0	2.1	6.1	-2.0	1.2	4.8	5.2	0.8	-0.4	0.1	0.7	-1.9	4.3		
Feb	1.4	-0.9	2.3	0.7	2.7	4.2	-3.4	0.2	1.3	1.8	-1.4	-0.7	5.4	-1.8	1.2	5.0	2.9	0.8	-0.5	0.2	1.9	-1.3	6.4		
Mar	1.3	-1.4	2.5	-4.1	2.4	11.9	-4.2	-2.1	1.3	0.8	-2.3	1.1	6.2	-1.7	1.1	5.3	2.8	0.7	-0.2	0.1	3.9	-2.3	11.2		
Apr	1.4	-1.3	1.6	5.2	1.5	3.5	-3.7	-2.0	1.7	1.8	0.3	1.1	4.6	-1.5	0.8	6.9	5.9	0.6	0.2	-0.2	1.2	-2.8	9.1		
May	1.5	-1.1	0.6	-1.7	1.8	-3.6	-2.2	0.7	1.7	3.9	0.7	2.3	5.2	-1.4	0.5	5.3	3.0	0.6	0.4	-0.4	2.4	-3.9	5.1		
Jun	1.4	-1.2	1.0	-5.8	2.6	-2.9	-0.4	1.0	1.5	2.5	2.2	4.7	3.7	-1.2	0.3	4.5	3.3	0.8	0.3	-0.2	3.1	-2.6	0.5		
Jul	1.8	-1.3	1.3	0.4	1.9	-0.6	-0.9	2.0	1.9	3.7	1.8	2.9	4.5	-0.9	0.3	6.0	3.5	0.9	0.2	-0.3	2.7	-2.0	-1.5		
Aug	1.6	-1.5	1.4	3.6	1.7	-1.2	0.3	-0.1	1.7	3.4	1.8	3.3	6.0	-0.8	0.1	5.3	2.6	1.0	0.1	0.1	0.9	-4.2	1.2		
Sep	1.4	-1.6	-0.4	-2.4	0.4	-3.6	-1.6	2.8	1.6	2.2	1.1	3.2	6.1	-0.8	0.3	4.9	1.5	0.9	0.2	0.6	1.6	-3.5	5.1		
Oct	1.6	-1.4	-0.9	-2.6	-0.7	-0.3	-2.7	4.1	1.8	2.9	1.7	3.3	3.6	-0.8	0.5	6.5	2.6	0.7	0.2	0.9	-0.1	-1.0	9.9		
Nov	1.4	-1.0	-1.5	-2.3	-1.1	-3.2	-1.7	3.0	1.9	3.6	1.6	3.4	4.1	-0.9	0.4	5.3	1.4	0.5	0.4	1.0	0.4	0.5	14.5		

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.

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)																				Activities of households as employers, undifferentiated goods and services		
	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	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		
	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 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	1.09	0.01	0.28	-0.01	0.22	0.05	0.01	0.25	0.56	0.06	0.04	0.03	0.06	-0.01	0.04	0.16	0.06	0.00	0.04	-0.01	0.04	0.11	-0.05
Feb	0.98	0.01	0.22	0.01	0.21	-0.02	0.02	0.25	0.50	-0.02	0.06	0.03	0.05	0.00	0.07	0.13	0.04	0.00	0.06	0.00	0.04	0.10	-0.03
Mar	0.64	0.01	0.04	0.03	0.05	-0.07	0.03	0.20	0.39	-0.06	0.06	0.04	-0.01	0.03	0.08	0.08	0.00	0.05	0.00	0.01	0.05	-0.01	-0.01
Apr	0.22	0.01	-0.14	0.00	-0.06	-0.10	0.02	0.09	0.26	0.00	0.03	0.04	0.05	0.00	0.08	-0.02	0.03	0.01	0.03	-0.01	0.02	0.00	0.00
May	0.18	0.01	-0.11	0.01	-0.08	-0.05	0.01	0.03	0.25	0.01	0.00	0.01	0.08	-0.02	0.08	0.00	0.04	0.02	0.00	0.01	-0.01	0.03	0.01
Jun	0.33	0.00	0.03	0.02	0.01	0.02	-0.01	0.01	0.28	0.04	-0.05	0.00	0.17	-0.05	0.08	0.03	0.01	0.02	-0.02	0.02	0.00	0.02	0.02
Jul	0.53	0.00	0.13	0.03	0.06	0.06	-0.01	0.01	0.38	0.03	-0.04	-0.01	0.16	-0.05	0.07	0.11	0.08	0.01	-0.02	0.01	0.00	0.01	0.03
Aug	0.58	0.00	0.13	0.02	0.07	0.05	-0.01	0.04	0.40	0.08	-0.04	0.00	0.15	-0.04	0.06	0.12	0.07	0.00	-0.01	0.01	-0.01	0.03	-0.01
Sep	0.51	0.00	0.14	0.00	0.10	0.04	0.00	0.04	0.33	0.07	0.01	0.01	0.07	-0.05	0.04	0.12	0.09	0.01	0.00	-0.02	0.01	-0.02	0.01
Oct	0.42	0.00	0.14	0.00	0.13	0.01	0.00	0.04	0.24	0.08	0.02	-0.02	0.06	-0.05	0.02	0.09	0.06	0.00	0.00	-0.03	0.03	-0.01	0.00
Nov	0.37	0.00	0.18	0.01	0.17	0.00	0.00	-0.01	0.20	0.05	0.04	-0.01	0.04	-0.05	0.00	0.11	0.08	0.01	0.00	-0.03	0.02	-0.04	-0.02
Dec	0.37	0.00	0.09	-0.05	0.15	-0.01	0.00	0.02	0.27	0.03	0.04	0.00	0.11	-0.04	0.01	0.11	0.07	0.02	0.00	-0.01	0.02	-0.05	-0.03
2018 Jan	0.46	0.00	0.03	-0.07	0.10	0.00	-0.01	0.05	0.39	0.01	0.03	0.04	0.11	-0.02	0.02	0.16	0.08	0.02	-0.01	0.01	0.00	-0.06	-0.02
Feb	0.31	-0.01	-0.04	-0.09	0.04	0.01	-0.02	0.04	0.32	-0.01	-0.01	0.03	0.09	0.00	0.03	0.13	0.03	0.01	0.00	0.02	0.00	-0.02	0.00
Mar	0.15	-0.01	0.02	0.03	-0.02	0.03	-0.02	-0.10	0.24	0.01	-0.05	0.02	0.03	0.01	0.04	0.12	0.01	0.00	0.02	-0.01	0.01	0.02	-0.02
Apr	-0.07	-0.01	-0.01	0.05	-0.08	0.04	-0.01	-0.18	0.13	0.04	-0.05	0.00	0.02	0.00	0.03	0.06	-0.03	0.01	0.01	0.00	0.01	0.03	-0.03
May	0.12	0.00	-0.06	0.05	-0.09	-0.01	-0.01	-0.14	0.33	0.11	-0.01	0.03	0.05	-0.01	0.01	0.08	0.01	0.02	0.00	0.00	0.00	0.00	0.03
Jun	0.40	0.00	-0.09	0.01	-0.04	-0.07	0.01	0.03	0.46	0.18	0.05	0.05	0.09	-0.02	-0.01	0.07	0.03	0.02	0.02	-0.01	0.00	-0.01	0.01
Jul	0.73	0.00	-0.03	0.00	0.05	-0.09	0.02	0.16	0.58	0.23	0.07	0.08	0.10	-0.01	-0.02	0.08	0.05	0.02	0.01	-0.01	0.00	-0.01	0.00
Aug	0.77	0.00	0.09	0.02	0.09	-0.04	0.02	0.17	0.51	0.19	0.06	0.06	0.12	-0.01	-0.02	0.08	0.04	0.01	-0.01	0.01	-0.01	0.01	0.00
Sep	0.64	0.00	0.09	0.02	0.04	0.02	0.01	0.14	0.41	0.10	0.03	0.02	0.14	-0.01	0.00	0.11	0.02	0.01	-0.01	0.01	0.01	-0.02	0.00
Oct	0.38	0.00	0.01	0.02	-0.02	0.02	-0.01	0.10	0.27	0.02	0.02	-0.02	0.11	-0.02	0.01	0.12	0.01	0.00	0.03	0.01	0.01	-0.01	0.01
Nov	0.26	0.00	-0.12	-0.01	-0.08	-0.01	-0.02	0.13	0.24	0.02	0.02	-0.02	0.04	-0.04	0.03	0.14	0.01	0.00	0.04	0.00	0.01	-0.03	0.04
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 Nov	2.11	-0.03	0.10	-0.03	0.05	0.03	0.06	0.35	1.6														

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

		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	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	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 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	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	0.01	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	0.11	0.01	-0.07	0.01	-0.14	0.04	0.02	0.08	0.10	-0.10	0.01	0.01	-0.10	0.06	0.06	0.07	0.04	0.00	0.03	-0.01	0.01	0.02	0.01
2017	Feb	-0.16	0.01	-0.12	-0.01	-0.05	-0.07	0.01	-0.02	-0.03	0.04	0.01	0.05	0.00	-0.01	0.02	-0.10	0.01	0.00	0.01	0.00	-0.03	-0.03	0.00
2017	Mar	0.17	0.00	-0.07	0.02	-0.02	-0.08	0.01	0.02	0.21	0.04	0.03	-0.03	0.05	-0.02	0.01	0.05	0.05	0.01	-0.01	0.00	-0.01	0.03	0.00
2017	Apr	-0.01	0.00	0.05	-0.02	0.02	0.07	-0.02	-0.01	-0.05	-0.01	-0.07	0.02	0.09	-0.02	0.04	-0.05	-0.12	0.01	-0.01	0.01	0.03	0.01	0.01
2017	May	0.27	0.00	0.08	0.02	0.03	0.04	0.00	0.00	0.19	-0.04	0.02	-0.01	-0.01	-0.02	0.03	0.09	0.13	0.01	-0.01	0.01	-0.02	0.01	0.01
2017	Jun	0.33	0.00	0.05	0.04	0.02	-0.01	0.00	0.03	0.24	0.11	-0.05	-0.03	0.17	-0.01	0.01	0.06	0.01	0.00	-0.01	0.01	-0.03	0.02	0.02
2017	Jul	-0.01	0.00	0.02	-0.03	0.04	0.02	0.00	-0.04	0.00	-0.03	0.03	0.07	-0.06	-0.02	0.01	0.00	-0.01	0.00	0.00	0.00	-0.01	0.01	0.01
2017	Aug	0.25	0.00	-0.01	-0.02	0.01	0.01	-0.01	0.12	0.14	0.06	0.00	-0.05	0.01	-0.01	0.03	0.03	0.00	0.00	-0.01	0.03	0.04	0.00	0.00
2017	Sep	0.15	0.00	0.17	0.03	0.11	0.03	0.00	-0.06	0.03	0.00	0.01	-0.02	0.05	-0.02	-0.03	0.07	0.03	0.00	0.00	-0.02	0.00	-0.03	-0.01
2017	Oct	-0.08	0.00	0.00	0.01	0.05	-0.06	0.01	-0.08	-0.01	0.00	0.02	0.01	0.01	-0.03	0.01	0.01	0.00	0.00	0.02	-0.02	-0.02	-0.02	-0.02
2017	Nov	0.35	0.00	0.02	-0.02	0.02	0.03	-0.01	0.11	0.22	0.05	0.01	0.03	0.02	-0.01	0.01	0.11	0.05	0.01	0.00	-0.02	-0.04	-0.01	0.00
2017	Dec	0.13	0.00	-0.12	-0.17	0.02	0.03	0.00	0.09	0.16	-0.08	0.01	0.00	0.15	0.00	0.02	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.00
2018	Jan	0.12	0.00	0.09	0.20	0.00	0.06	0.02	-0.11	0.15	0.03	0.02	0.03	0.09	0.01	0.02	0.11	0.04	0.00	0.01	-0.01	0.03	0.01	0.01
2018	Feb	-0.30	0.00	0.01	-0.03	-0.02	0.06	0.00	-0.05	-0.25	0.06	-0.05	-0.04	-0.04	0.00	0.02	-0.09	-0.10	0.00	0.01	0.00	-0.01	-0.02	0.01
2018	Mar	0.08	0.00	-0.03	-0.03	-0.05	0.04	0.00	-0.12	0.23	-0.06	-0.01	0.02	0.10	-0.01	0.00	0.07	0.05	0.00	0.01	0.00	0.02	0.01	0.02
2018	Apr	0.16	0.00	-0.07	0.08	-0.07	-0.06	-0.01	0.00	0.22	0.09	0.04	0.02	-0.01	-0.01	0.07	0.02	0.01	0.01	-0.01	0.00	-0.01	0.00	0.00
2018	May	0.30	0.00	-0.07	-0.06	0.05	-0.08	0.02	0.16	0.20	0.18	0.03	0.02	0.02	-0.01	0.00	-0.02	-0.01	0.01	0.00	-0.01	-0.02	-0.01	-0.01
2018	Jun	0.28	0.00	0.12	0.00	0.10	0.00	0.02	0.05	0.11	-0.03	0.01	0.04	0.08	0.00	-0.02	0.00	0.02	0.00	0.00	0.00	0.02	0.00	0.00
2018	Jul	0.34	0.00	0.05	0.04	-0.03	0.06	-0.01	0.03	0.26	0.09	0.02	0.02	-0.01	0.00	0.02	0.11	0.02	0.00	-0.01	0.00	-0.01	0.00	0.00
2018	Aug	0.04	0.00	0.01	0.01	-0.01	0.00	0.01	-0.01	0.05	0.02	0.00	-0.04	0.10	0.00	-0.01	-0.02	-0.01	0.00	0.00	0.01	0.00	-0.01	0.01
2018	Sep	-0.02	0.00	-0.07	-0.04	-0.01	-0.02	0.12	-0.07	-0.12	-0.01	-0.02	0.05	0.00	-0.02	0.00	0.05	-0.03	0.00	0.01	0.01	-0.02	0.01	0.01
2018	Oct	0.11	0.00	-0.07	0.01	-0.06	-0.01	0.00	0.00	0.18	0.07	0.04	0.01	-0.16	-0.02	0.03	0.08	0.07	0.00	0.00	0.02	-0.01	0.04	0.00
2018	Nov	0.21	0.00	-0.06	-0.01	-0.03	-0.02	0.00	0.04	0.23	0.12	0.01	0.04	0.06	-0.02	0.01	0.02	-0.01	0.00	0.00	0.02	-0.01	0.00	0.00
Contribution to growth, latest month on same month a year ago																								