Office for National Statistics

Statistical bulletin

GDP monthly estimate, UK: July 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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6. Growth in the production sector was negative 0.5% in the three months to July 2019

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1 . Gross domestic product (GDP) was flat in the three months to July 2019

Figure 1: GDP remained level in the three months to July 2019, following a contraction of 0.2% in Quarter 2 (Apr to June) 2019

GDP growth, UK, Quarter 3 (July to Sept) 2017 until May to July 2019

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) and 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 May to July compared with the previous February to April.

3. Growth in the three months to July was 0.0% and so appears without a bar in Figure 1.

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

"GDP growth was flat in the latest three months, with falls in construction and manufacturing.

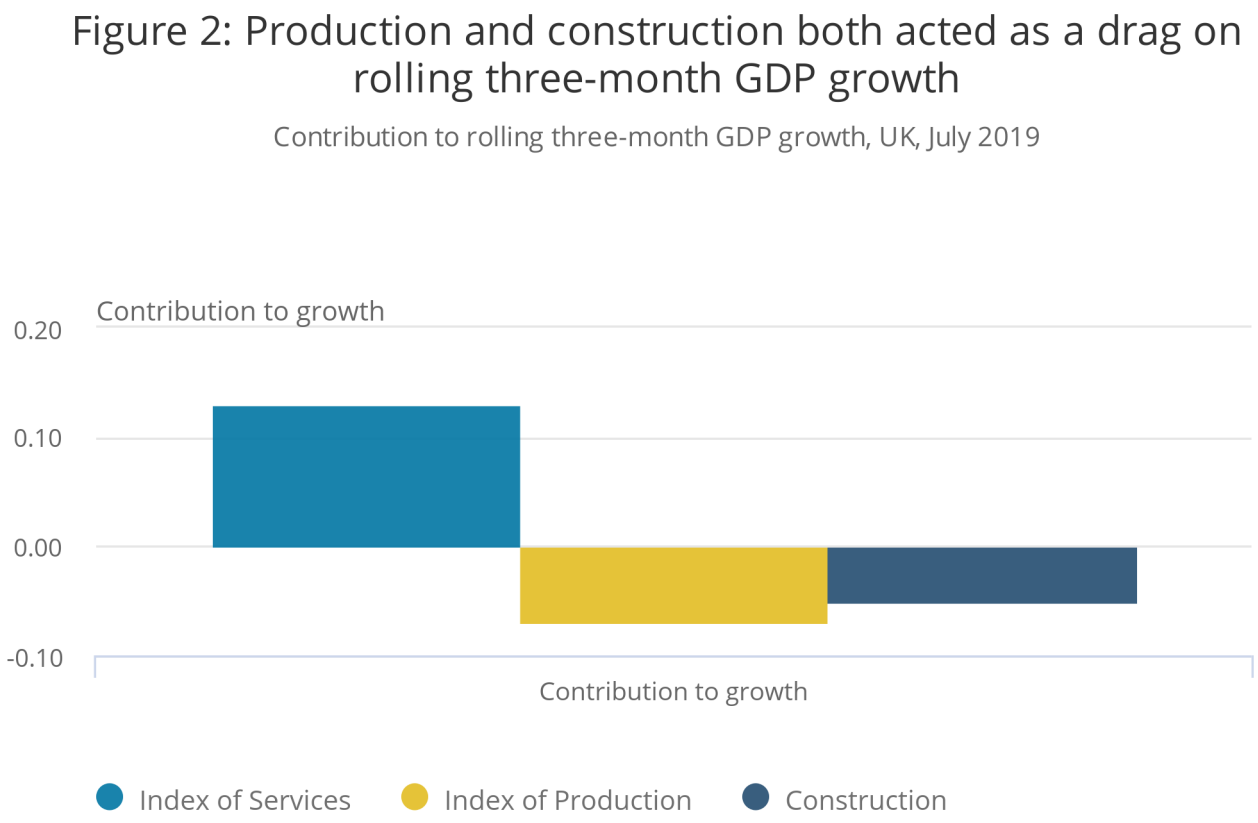
"While the largest part of the economy, services sector, returned to growth in the month of July, the underlying picture shows services growth weakening through 2019.

The trade deficit narrowed due to falling imports, particularly unspecified goods (including non-monetary gold), chemicals and road vehicles in the three months to July."

2 . Services was the only positive contributor to gross domestic product (GDP) growth in the three months to July 2019

Figure 2: Production and construction both acted as a drag on rolling three-month GDP growth

Contribution to rolling three-month GDP growth, UK, July 2019



Source: Office for National Statistics – GDP monthly estimate

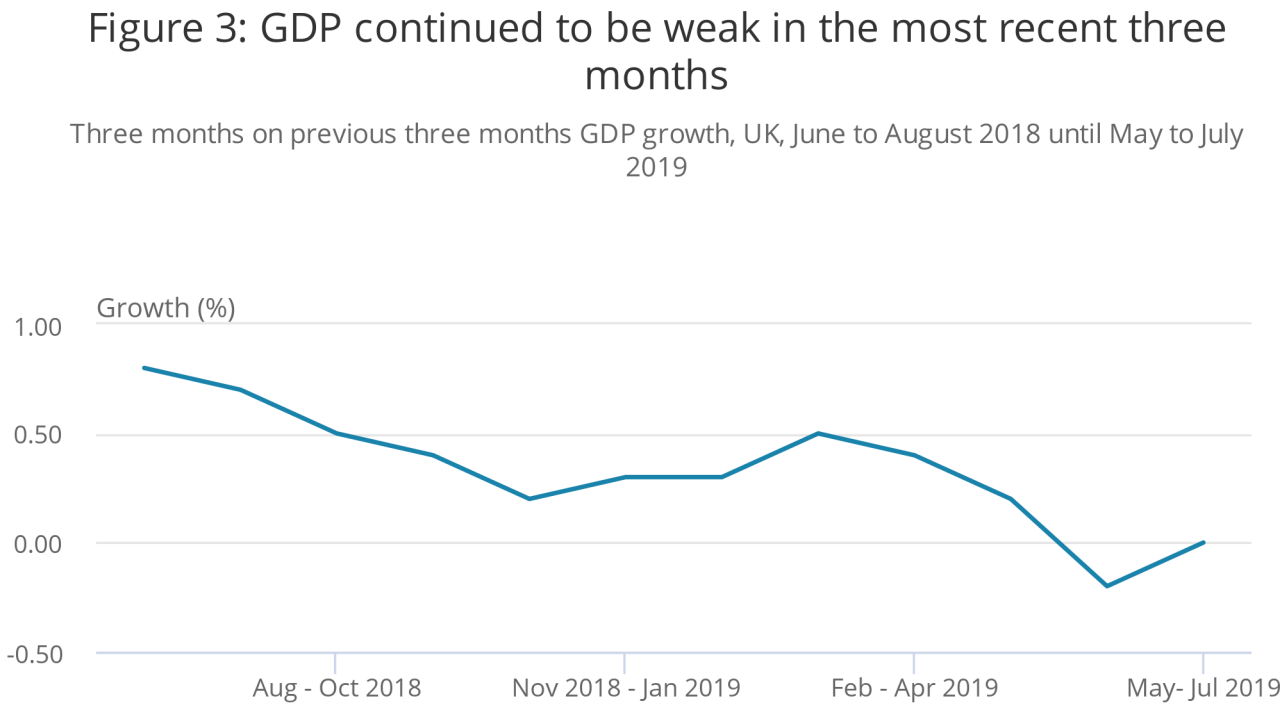
The services sector was the only positive contributor to GDP growth in the three months to July 2019, growing by 0.2%. Stronger growth in July 2019 in each of the main components of GDP, along with the weak production growth in April moving into the base period, meant that rolling three-month GDP growth was no longer negative, at 0.0%.

Output in both the production and construction sectors contracted, by 0.5% and 0.8% respectively. Within production, manufacturing fell by 1.1%.

3 . Rolling three-month gross domestic product (GDP) growth was 0.0% in the three months to July 2019

Figure 3: GDP continued to be weak in the most recent three months

Three months on previous three months GDP growth, UK, June to August 2018 until May to July 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 May to July compared with the previous February to April.

Rolling three-month growth was flat in July 2019, following growth of negative 0.2% in Quarter 2 (Apr to June) 2019.

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

4 . Gross domestic product (GDP) grew by 0.3% in July 2019

Table 1: Breakdown of GDP and its components' growth rates by month

	May 2019	**June 2019**	**July 2019**
GDP	0.2%	0.0%	0.3%
Index of Services	0.0%	0.0%	0.3%
Index of Production	1.2%	-0.1%	0.1%
Manufacturing	1.4%	-0.2%	0.3%
Construction	0.3%	-0.7%	0.5%
Agriculture	0.0%	0.0%	-0.1%

Source: Office for National Statistics – GDP monthly estimate

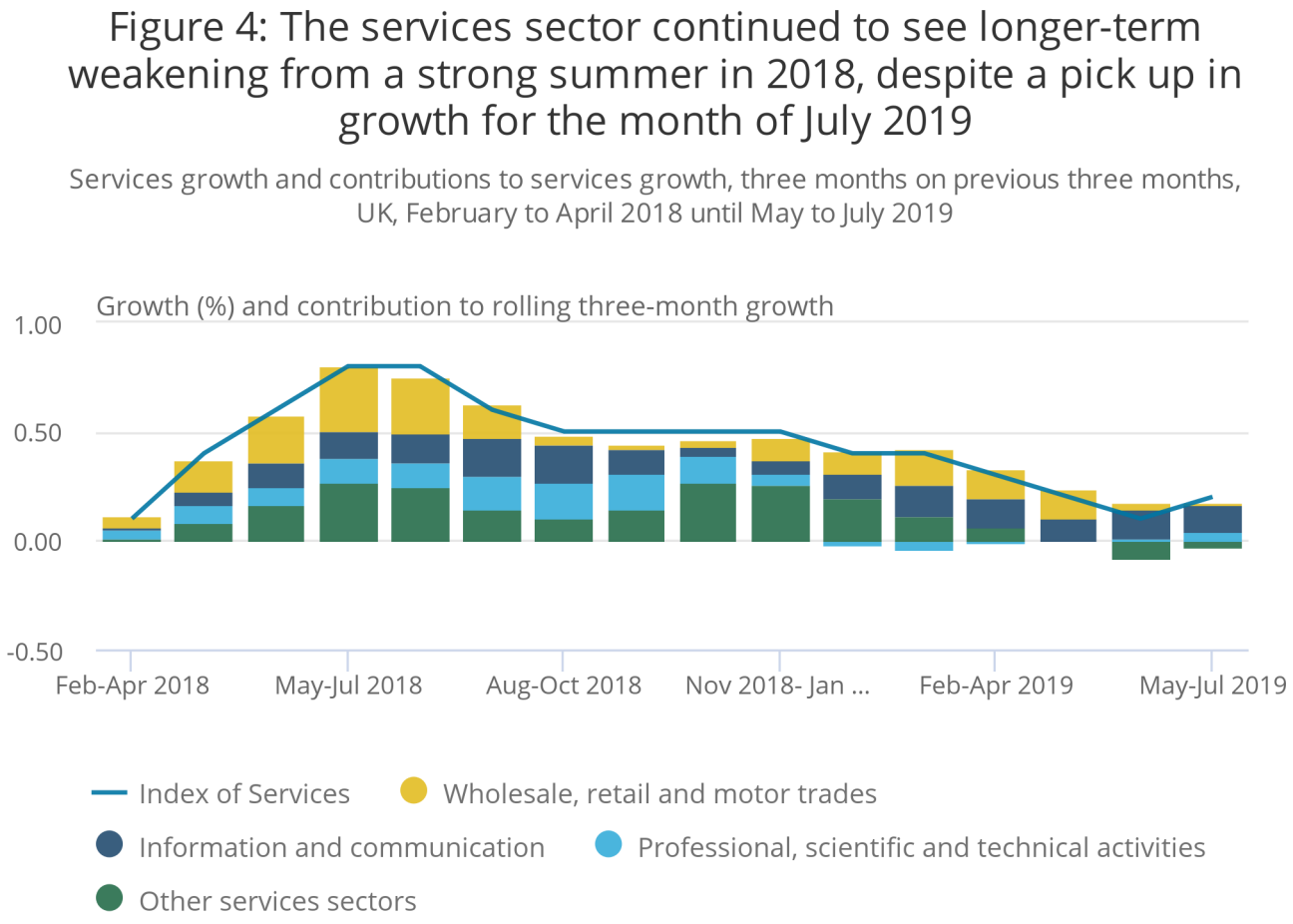
GDP grew by 0.3% in July 2019, with all components apart from agriculture showing growth.

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 0.2% in the three months to July 2019

Figure 4: The services sector continued to see longer-term weakening from a strong summer in 2018, despite a pick up in growth for the month of July 2019

Services growth and contributions to services growth, three months on previous three months, UK, February to April 2018 until May to July 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 May to July compared with the previous February to April.

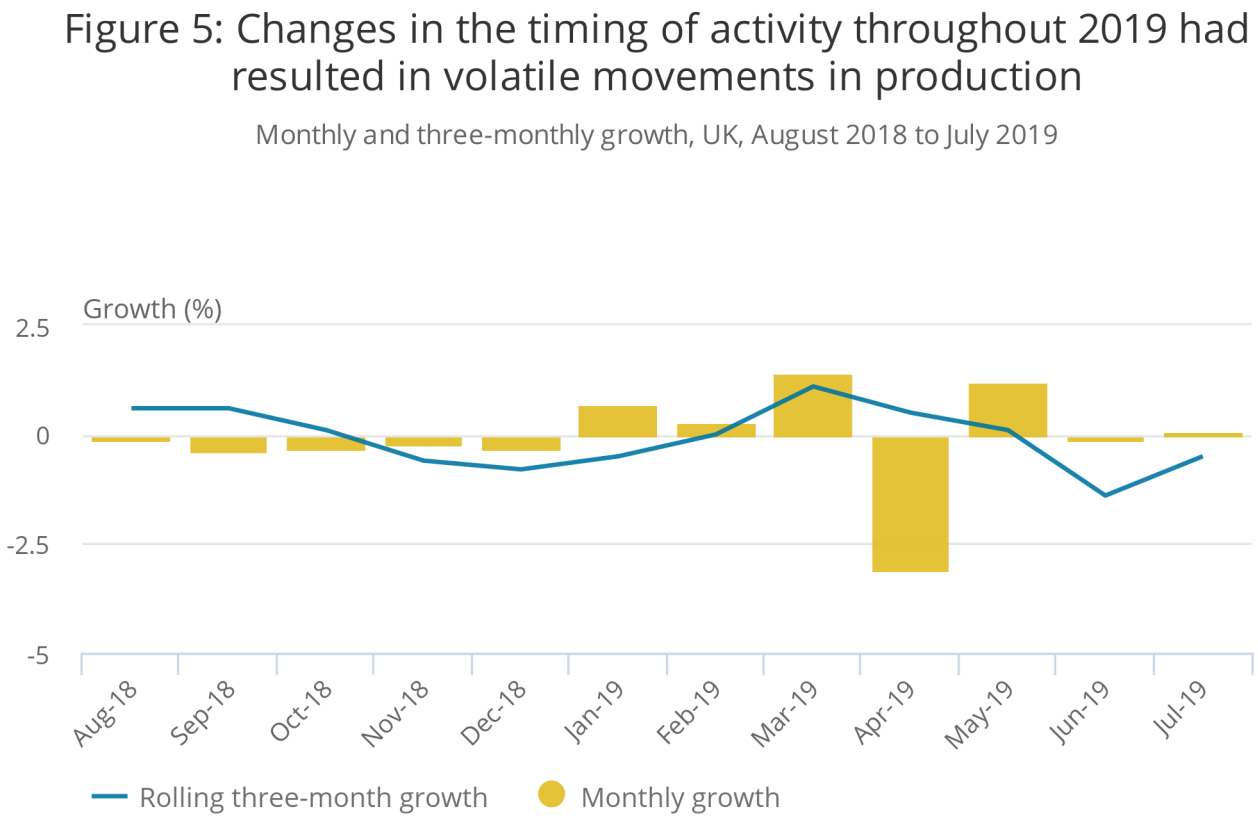
The services sector continued to show subdued growth in the three months to July 2019, growing by 0.2%. This longer-term weakening has been most notable in “other services”, which has declined from the start of 2019. A number of industries have been driving this decline, such as administration and support services, human health activities, education, real estate, and transportation and storage. Information and communication, on the other hand, driven by computer programming, continued to do well throughout this period.

Services grew by 0.3% in the month of July, with widespread growth in a number of industries. The most notable of these was administrative and support service activities, which contributed 0.08 percentage points to GDP growth. However, this relatively large growth for services in July follows four consecutive months of flat growth in the sector.

6 . Growth in the production sector was negative 0.5% in the three months to July 2019

Figure 5: Changes in the timing of activity throughout 2019 had resulted in volatile movements in production

Monthly and three-monthly growth, UK, August 2018 to July 2019



Source: Office for National Statistics – GDP monthly estimate

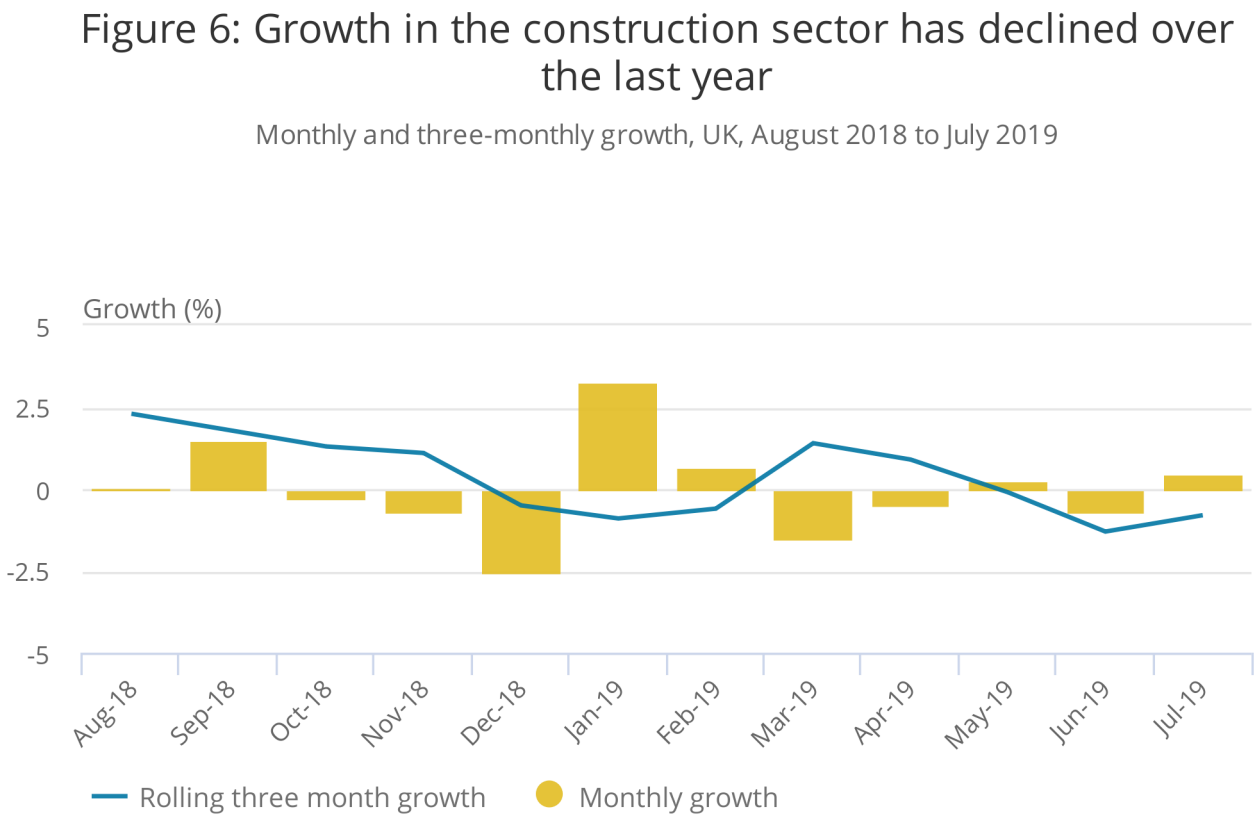
The production sector fell by 0.5% in the three months to July 2019. There has been significant volatility in this sector throughout the first half of 2019, largely driven by manufacturing, which fell by 1.1% in the most recent three months. Quarter 1 (Jan to Mar) 2019 saw strong growth as a result of work being brought forward ahead of the UK's original planned date to exit the European Union. There was subsequently a fall in Quarter 2 (Apr to June) 2019, as the increased activity in Quarter 1 2019 unwound. This fall in Quarter 2 2019 was exacerbated by a decline in car production as a result of car production plants bringing forward their summer shut-downs. Elsewhere in production, electricity and gas performed well in the three months to July, growing by 2.8%.

Monthly growth for production was 0.1% in July 2019, with strength coming from the often-volatile manufacture of pharmaceutical products, which grew by 3.8%.

7 . Output in the construction industry fell by 0.8% in the three months to July 2019

Figure 6: Growth in the construction sector has declined over the last year

Monthly and three-monthly growth, UK, August 2018 to July 2019



Source: Office for National Statistics – GDP monthly estimate

Growth in construction was negative 0.8% in the three months to July 2019. This fall was driven by private housing repair and maintenance and public other new work, which fell by 6.3% and 6.2% respectively.

The month-on-month growth in July 2019 was 0.5%. This increase was driven by private new housing and public housing repair and maintenance, which grew by 4.4% and 7.8% respectively. The increase in private new housing coincides with a fall of 11.7% in public new housing, a reversal of the picture seen in recent periods.

Blue Book 2019

Each year, we produce an annual update to the UK National Accounts in the Blue Book and Pink Book and the associated releases. The Blue Book and Pink Book 2019-consistent datasets will be published on 30 September 2019. The publication of monthly gross domestic product (GDP) on 10 October will also incorporate these changes.

Details on the scope are available in the article, Latest developments and changes to be implemented in Blue Book and Pink Book 2019. Indicative impacts on headline GDP components for the years 1997 to 2016 were published on 27 June 2019 in the article, Blue Book 2019 indicative impacts on GDP current price and chained volume measure estimates: 1997 to 2016.

This year, owing to the very demanding set of changes being put through in the annual update, we are going to make an exception and are not going to fully reconcile 2017 annual data. Instead, we will produce an indicative balance to allow further time for final quality assurance of the data.

Consequently, the reference year and last base year for all chained volume measure series will remain as 2016.

A series of National Accounts articles were published on 20 August 2019 outlining some of the key methodological changes and their impact on quarterly GDP estimates 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

8 . 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 [2,3,4,5]

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**
		YBFR	**L2KL**	**L2KQ**	**L2KR**	**L2KX**	**L2MW**	**L2N2**	**L2N8**	**L2NC**	**L2NE**	**L2NI**	**L2NQ**	**L2NT**	**L2O6**	**L2OC**	**L2OI**	**L2OX**	**L2P8**	**L2PA**	**L2PC**	**L2PJ**	**L2PP**	**L2PT**
2014		95.7	104.9	97.9	92.3	99.6	96.9	91.5	92.0	95.5	91.7	99.0	94.0	89.0	99.5	96.0	92.2	92.8	103.8	98.9	96.9	99.1	98.6	93.6
2015		98.1	106.0	99.0	99.7	99.6	97.9	94.7	96.1	98.1	95.8	100.3	98.5	94.3	96.6	99.4	96.7	97.9	101.8	100.6	98.4	99.8	102.1	92.5
2016		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2017		102.4	103.0	101.8	99.4	102.5	98.4	103.4	107.1	102.1	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
2018		103.9	100.6	102.6	103.7	103.4	97.9	101.9	107.4	103.9	105.0	104.1	105.4	112.2	98.5	102.0	110.0	107.0	101.2	100.9	100.2	104.3	101.1	94.2
		ECY2	**ECY3**	**ECY4**	**ECY5**	**ECY6**	**ECY7**	**ECY8**	**ECY9**	**ECYC**	**ECYD**	**ECYG**	**ECYH**	**ECYI**	**ECYJ**	**ECYK**	**ECYL**	**ECYP**	**ECYQ**	**ECYR**	**ECYS**	**ECYT**	**ECYU**	**ECYV**
2017	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	104.3	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	107.5	99.9	101.4	104.9	105.1	100.0	100.5	99.7	103.5	106.1	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	104.5	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	99.4	104.6	103.5	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	101.5	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	103.2	111.2	99.3	101.4	107.3	107.0	100.6	100.4	99.7	104.8	102.0	89.8
2018	Jan	103.3	101.8	102.9	101.6	104.3	96.9	100.4	107.4	103.1	102.8	103.1	104.2	109.8	99.3	101.6	109.0	107.6	100.6	100.3	99.9	104.8	101.2	91.3
	Feb	103.0	101.0	103.1	102.0	103.9	100.6	101.0	106.6	102.7	103.3	102.2	102.7	109.0	99.3	101.7	107.4	105.8	100.6	100.4	99.9	104.0	101.0	92.8
	Mar	103.1	100.6	102.9	98.9	103.4	103.4	101.3	104.5	103.0	102.8	101.7	103.7	110.7	99.1	101.8	108.2	106.7	100.7	100.6	99.9	104.4	101.4	96.4
	Apr	103.3	100.4	102.5	105.9	102.8	100.0	100.3	105.0	103.3	103.6	102.6	104.5	110.5	98.9	101.8	109.1	107.0	100.8	100.9	99.7	104.0	101.1	95.9
	May	103.5	100.3	101.8	101.6	103.2	94.7	101.2	107.1	103.6	105.4	103.6	105.3	111.0	98.7	101.9	109.0	106.8	101.1	101.0	99.5	103.5	100.8	95.0
	Jun	103.9	100.0	102.8	102.8	104.2	95.0	103.1	108.0	103.8	105.1	104.0	106.5	112.2	98.7	101.8	109.1	107.9	101.3	101.0	99.5	104.2	100.9	95.0
	Jul	104.2	99.9	103.2	106.2	103.7	98.7	103.3	108.1	104.1	106.1	104.8	107.4	112.0	98.6	102.0	110.4	107.6	101.5	100.9	99.7	104.5	100.6	95.3
	Aug	104.3	100.0	103.2	107.1	103.6	98.4	103.3	108.1	104.3	106.3	104.9	105.8	113.7	98.5	102.0	110.5	107.1	101.7	100.8	100.0	105.1	101.4	95.1
	Sep	104.3	100.5	102.7	103.7	103.6	97.1	102.8	109.7	104.2	105.3	104.5	105.1	114.9	98.2	102.1	111.1	106.0	101.7	101.0	100.6	104.2	100.9	93.9
	Oct	104.5	101.1	102.4	105.8	103.0	97.1	102.3	109.4	104.5	105.9	105.7	106.0	113.5	97.8	102.5	111.9	107.2	101.7	101.2	101.1	104.3	102.1	92.8
	Nov	104.7	101.0	102.2	103.9	103.1	96.5	102.0	108.7	104.9	107.1	106.1	106.8	113.8	97.4	102.6	112.3	107.5	101.6	101.5	101.4	104.7	101.7	93.3
	Dec	104.4	100.2	101.9	104.7	102.5	96.3	102.3	106.0	104.7	105.8	106.4	106.6	114.8	97.1	103.0	111.9	106.4	101.6	101.7	101.5	104.0	100.7	93.7
2019	Jan	104.9	99.7	102.6	102.8	103.7	96.9	101.3	109.6	105.0	107.3	105.8	107.7	115.8	96.7	102.9	111.0	107.3	101.4	101.9	101.6	103.6	102.3	94.0
	Feb	105.1	99.2	102.9	106.4	104.6	92.1	101.1	110.4	105.1	107.5	106.1	107.8	115.9	96.4	103.0	111.6	108.1	101.2	101.9	101.6	104.0	103.5	94.1
	Mar	105.2	99.1	104.3	108.2	106.2	92.7	101.9	108.8	105.2	107.9	106.7	107.3	115.9	96.3	103.2	112.0	107.6	101.0	101.6	101.9	103.8	103.0	92.7
	Apr	104.8	98.9	101.1	105.0	101.6	95.6	101.5	108.2	105.2	107.9	106.5	106.6	117.6	96.2	103.3	111.3	107.5	101.0	101.6	101.9	101.8	102.2	94.1
	May	105.0	98.9	102.3	105.5	103.0	96.4	102.7	108.6	105.2	107.9	106.4	106.4	117.4	96.2	103.5	111.4	107.6	101.0	101.7	102.0	101.4	102.0	93.6
	Jun	104.9	98.9	102.2	105.7	102.8	96.7	103.0	107.8	105.2	107.7	106.0	107.3	118.2	96.4	103.4	112.3	106.1	101.1	101.8	102.1	100.9	100.9	92.7
	Jul	105.3	98.9	102.3	104.5	103.1	95.3	104.1	108.4	105.6	108.0	107.2	107.5	119.1	96.5	103.4	112.7	107.7	101.1	101.9	102.3	101.4	101.4	90.7
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		3.4	12.2	1.5	0.6	2.9	-6.0	0.7	8.8	3.2	4.9	5.2	2.7	1.3	-1.7	3.1	6.3	9.4	-1.8	1.5	3.4	2.5	11.0	-5.1
2015		2.5	1.1	1.2	8.0	0.0	1.0	3.4	4.4	2.7	4.5	1.3	4.8	6.0	-2.9	3.5	4.9	5.5	-1.9	1.7	1.5	0.7	3.6	-1.2
2016		1.9	-5.6	1.0	0.3	0.4	2.1	5.6	4.1	1.9	4.4	-0.3	1.5	6.0	3.5	0.6	3.4	2.1	-1.8	-0.6	1.6	0.2	-2.1	8.1
2017		2.4	3.0	1.8	-0.6	2.5	-1.6	3.4	7.1	2.1	2.1	2.1	2.8	6.8	0.2	1.0	4.6	4.5	0.2	0.6	-0.3	2.6	4.4	-7.2
2018		1.5	-2.3	0.8	4.3	0.9	-0.6	-1.4	0.3	1.7	2.8	2.0	2.5	5.0	-1.8	1.0	5.2	2.3	1.0	0.4	0.5	1.6	-3.1	1.6

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	Jul	0.5	0.3	1.0	2.8	0.6	3.4	-0.9	0.2	0.5	0.3	-0.9	-0.2	2.4	-0.7	0.5	1.5	1.6	0.2	-0.4	0.2	-0.1	0.4	7.1
	Aug	0.6	0.4	1.0	2.0	0.7	3.1	-0.9	0.7	0.5	0.7	-0.9	-0.1	2.4	-0.6	0.5	1.5	1.5	0.0	-0.2	-0.1	0.7	-0.6	7.4
	Sep	0.5	0.6	1.0	0.1	1.1	2.2	-0.5	0.7	0.4	0.6	0.2	0.2	1.0	-0.6	0.3	1.6	1.8	-0.2	0.0	-0.3	0.9	-0.7	4.0
	Oct	0.4	0.7	1.0	-0.3	1.4	0.7	-0.3	0.6	0.3	0.7	0.4	-0.8	0.9	-0.7	0.1	1.2	1.3	-0.1	0.1	-0.4	2.3	-0.5	-1.2
	Nov	0.4	0.4	1.3	0.7	1.7	0.3	-0.1	-0.2	0.2	0.5	0.9	-0.4	0.7	-0.7	0.0	1.4	1.5	0.2	0.0	-0.4	1.5	-1.9	-6.1
	Dec	0.4	-0.1	0.6	-4.5	1.5	-0.8	0.0	0.3	0.3	0.3	0.9	0.0	1.6	-0.6	0.1	1.4	1.5	0.4	-0.1	-0.1	1.4	-2.5	-7.7
2018	Jan	0.5	-0.9	0.2	-5.6	1.0	-0.3	-1.1	0.9	0.5	0.1	0.9	1.4	1.8	-0.4	0.1	2.2	1.5	0.4	-0.1	0.2	0.5	-3.0	-5.8
	Feb	0.3	-1.7	-0.3	-6.2	0.3	0.3	-1.6	0.7	0.4	0.0	0.4	0.9	1.5	-0.1	0.3	1.6	0.5	0.2	-0.1	0.4	0.8	-1.7	-1.0
	Mar	0.1	-2.1	0.1	4.6	-0.3	1.1	-1.9	-1.5	0.3	0.2	-0.3	0.7	0.4	0.0	0.3	1.5	0.0	0.1	0.0	0.3	0.2	-1.1	3.8
	Apr	-0.1	-1.9	0.0	6.6	-0.9	2.3	-1.0	-2.6	0.1	0.5	-0.6	0.1	0.1	-0.2	0.3	0.4	-0.7	0.1	0.2	0.1	-0.1	-0.4	5.8
	May	0.1	-1.4	-0.4	6.3	-1.1	-0.1	-0.4	-2.0	0.4	1.1	0.0	1.1	0.7	-0.4	0.3	0.8	0.1	0.3	0.5	-0.1	-0.5	-0.3	4.9
	Jun	0.4	-0.9	-0.6	2.5	-0.5	-3.7	0.6	0.5	0.6	1.7	1.1	1.8	1.3	-0.5	0.1	0.8	0.5	0.5	0.5	-0.3	-0.5	-0.3	1.9
	Jul	0.7	-0.6	-0.2	1.2	0.3	-5.1	1.6	2.2	0.8	2.2	1.9	2.7	1.5	-0.4	0.1	1.2	0.9	0.6	0.4	-0.2	-0.1	-0.4	0.1
	Aug	0.8	-0.5	0.6	3.2	0.7	-2.0	2.3	2.3	0.8	1.9	1.9	2.0	1.7	-0.3	0.1	1.1	0.6	0.6	0.1	0.0	0.6	-0.2	-0.7
	Sep	0.7	-0.1	0.6	2.2	0.2	1.6	1.6	1.8	0.6	1.2	1.3	0.6	2.1	-0.4	0.2	1.5	-0.3	0.6	-0.1	0.5	0.7	0.0	-0.6
	Oct	0.5	0.5	0.1	1.9	-0.3	1.4	0.3	1.3	0.5	0.3	0.9	-0.7	2.1	-0.5	0.3	1.6	-0.6	0.4	0.0	1.0	0.4	0.7	-1.2
	Nov	0.4	0.9	-0.6	-0.8	-0.6	-0.5	-0.8	1.1	0.5	0.2	0.8	-0.5	1.3	-0.8	0.4	1.6	-0.6	0.2	0.3	1.3	-0.2	0.6	-1.9
	Dec	0.2	0.6	-0.8	-0.8	-0.7	-1.5	-0.9	-0.5	0.5	0.3	1.3	0.4	0.4	-1.0	0.7	1.2	0.1	0.0	0.6	1.3	-0.3	0.6	-1.6
2019	Jan	0.3	-0.2	-0.5	-1.6	-0.3	-1.0	-0.9	-0.9	0.5	0.8	1.1	1.3	0.6	-1.1	0.7	0.5	0.3	-0.2	0.7	1.0	-0.4	0.1	-0.3
	Feb	0.3	-1.2	0.0	0.2	0.4	-1.8	-0.7	-0.6	0.4	0.7	0.7	1.3	1.2	-1.1	0.6	-0.2	0.3	-0.3	0.6	0.6	-0.5	0.6	0.6
	Mar	0.5	-1.4	1.1	0.9	1.9	-2.8	-0.8	1.4	0.4	1.2	0.2	1.1	1.6	-1.0	0.4	-0.4	0.6	-0.4	0.3	0.3	-0.5	1.4	0.3
	Apr	0.4	-1.2	0.5	2.6	1.0	-3.2	-0.4	0.9	0.3	1.0	0.3	0.2	1.5	-0.8	0.3	-0.1	0.6	-0.4	0.0	0.3	-0.9	1.3	-0.1
	May	0.2	-0.7	0.1	1.5	0.0	-0.2	0.4	-0.1	0.2	1.0	0.4	-0.5	1.3	-0.5	0.3	0.0	0.3	-0.3	-0.2	0.4	-1.5	0.2	-0.5
	Jun	-0.2	-0.4	-1.4	-0.4	-2.3	2.5	1.0	-1.3	0.1	0.2	0.0	-0.8	1.6	-0.2	0.4	0.1	-0.5	-0.1	-0.1	0.3	-2.3	-1.2	-0.2
	Jul	0.0	-0.2	-0.5	-1.2	-1.1	2.8	1.7	-0.8	0.2	0.1	0.1	-0.2	1.5	0.1	0.3	0.4	-0.5	0.0	0.1	0.3	-1.9	-1.5	-1.4

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.

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

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	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	2.0	1.2	-3.1	2.3	-2.4	-0.2	3.2	1.6	1.1	1.1	1.7	5.9	-1.6	1.4	4.7	5.1	0.8	0.0	0.0	2.0	-2.2	0.9
	Feb	1.4	0.5	1.2	-2.7	2.0	0.4	-1.6	1.7	1.5	1.3	0.4	0.9	5.8	-1.7	1.3	4.7	4.4	0.8	-0.3	0.1	2.0	-2.8	3.2
	Mar	1.4	-1.0	2.0	1.4	2.3	3.5	-3.2	-0.3	1.4	1.5	-0.3	0.8	5.9	-1.9	1.2	4.9	3.5	0.8	-0.5	0.2	2.7	-3.3	4.7
	Apr	1.3	-1.9	2.2	3.2	2.0	6.2	-3.3	-1.0	1.4	1.6	-0.2	0.5	5.3	-1.9	1.1	5.4	3.7	0.7	-0.2	0.0	2.6	-3.5	5.4
	May	1.4	-2.3	1.6	2.5	1.7	3.5	-3.0	-0.9	1.5	2.3	0.4	1.6	5.3	-1.8	1.0	5.5	3.6	0.7	0.2	-0.2	2.5	-4.4	4.8
	Jun	1.4	-2.5	1.1	2.5	1.7	-1.3	-1.8	0.0	1.6	2.9	1.9	2.7	4.4	-1.8	0.8	5.3	3.9	0.8	0.5	-0.4	2.0	-4.5	1.4
	Jul	1.6	-2.8	1.0	1.6	1.7	-2.5	-0.8	1.0	1.7	3.6	2.6	3.3	4.4	-1.6	0.7	5.1	3.0	1.0	0.5	-0.4	2.6	-4.3	-1.5
	Aug	1.6	-3.1	1.3	3.6	1.6	-1.6	0.1	0.7	1.8	3.5	3.2	3.6	4.6	-1.5	0.6	5.1	2.8	1.4	0.5	-0.1	2.3	-4.0	-3.1
	Sep	1.6	-3.2	0.8	4.6	0.9	-1.9	0.2	1.2	1.9	3.4	3.0	3.1	5.5	-1.5	0.7	5.3	1.7	1.5	0.4	0.4	1.8	-3.8	-3.0
	Oct	1.6	-3.0	0.1	3.8	0.1	-1.8	-0.2	1.7	1.9	3.2	3.0	3.4	5.6	-1.5	0.9	5.4	1.1	1.5	0.5	1.0	0.7	-3.1	-1.5
	Nov	1.6	-2.6	-0.7	2.1	-0.7	-2.3	-0.6	2.1	2.0	3.2	3.1	3.5	5.3	-1.6	1.1	5.3	0.7	1.3	0.8	1.5	0.6	-1.6	1.3
	Dec	1.5	-2.5	-0.7	8.7	-1.3	-2.5	-0.7	0.3	2.0	3.5	3.4	3.5	4.3	-1.8	1.3	5.1	0.3	1.1	1.0	1.8	0.1	-0.8	3.5
2019	Jan	1.4	-2.3	-0.6	8.3	-1.2	-2.5	0.0	-0.1	1.9	3.9	3.2	3.4	4.5	-2.2	1.4	3.7	-0.1	0.9	1.3	1.8	-0.1	0.0	4.3
	Feb	1.6	-2.1	-0.3	9.0	-0.6	-4.4	0.2	0.8	2.0	4.0	3.3	3.9	5.0	-2.6	1.4	3.4	0.4	0.8	1.5	1.7	-0.6	0.8	2.9
	Mar	1.9	-1.8	0.3	4.9	0.9	-6.3	0.5	3.2	2.1	4.5	3.8	3.9	5.5	-2.8	1.3	3.1	0.9	0.6	1.4	1.8	-0.6	1.7	0.1
	Apr	1.9	-1.6	-0.1	4.2	0.7	-7.7	0.6	3.5	2.1	4.4	4.2	3.5	5.8	-2.8	1.4	3.2	1.1	0.4	1.1	2.0	-0.9	1.7	-1.5
	May	1.6	-1.5	0.2	4.0	0.4	-4.5	1.1	2.8	1.8	3.8	3.8	2.2	5.6	-2.7	1.5	2.6	0.7	0.2	0.8	2.2	-1.6	1.3	-2.4
	Jun	1.3	-1.3	-0.5	1.9	-0.9	-0.3	0.9	1.4	1.6	3.0	2.8	1.3	5.8	-2.5	1.6	2.4	-0.2	0.0	0.7	2.4	-2.4	0.7	-1.9
	Jul	1.1	-1.1	-0.3	1.7	-0.7	0.0	0.7	0.5	1.4	2.2	2.3	0.6	5.8	-2.3	1.6	2.4	-0.3	-0.2	0.8	2.5	-2.7	0.7	-2.9
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	Jul	0.0	0.3	0.2	-2.8	0.4	1.0	0.0	-0.6	0.0	-0.3	0.8	2.5	-1.0	-0.3	0.1	0.0	0.2	-0.2	0.0	0.0	0.0	-0.6	1.5
	Aug	0.3	0.3	-0.1	-1.9	0.1	0.4	-0.6	1.9	0.2	0.5	0.0	-1.7	0.2	-0.1	0.2	0.4	0.6	-0.1	0.1	-0.2	1.8	1.7	-1.0
	Sep	0.1	0.2	1.3	2.8	1.1	1.6	0.1	-1.0	0.0	0.0	0.3	-0.6	0.7	-0.3	-0.2	1.0	0.5	0.1	0.0	-0.3	-0.2	-1.5	-2.0
	Oct	-0.1	0.0	0.0	1.0	0.5	-3.8	0.8	-1.3	0.0	0.0	0.5	0.3	0.1	-0.4	0.1	-0.4	0.3	0.2	-0.1	0.0	1.3	-1.0	-4.1
	Nov	0.3	-0.3	0.1	-1.6	0.2	1.8	-1.1	1.7	0.3	0.5	0.3	1.1	0.3	-0.1	0.1	1.4	0.9	0.2	-0.1	0.1	-1.2	-1.9	-3.9
	Dec	0.1	-0.6	-0.9	-16.9	0.2	1.9	0.1	1.5	0.2	-0.8	0.2	-0.1	2.3	0.1	0.0	0.3	0.0	0.0	0.0	0.2	1.4	0.5	1.4
2018	Jan	0.1	-1.0	0.6	20.3	-0.1	-4.1	-2.1	-1.9	0.2	0.4	0.3	1.0	-1.2	0.0	0.2	1.5	0.5	0.0	-0.1	0.1	0.0	-0.8	1.7
	Feb	-0.3	-0.8	0.2	0.4	-0.4	3.8	0.6	-0.7	-0.3	0.5	-0.9	-1.5	-0.8	0.0	0.1	-1.5	-1.7	0.0	0.1	0.0	-0.7	-0.2	1.7
	Mar	0.1	-0.4	-0.2	-3.0	-0.5	2.8	0.2	-1.9	0.3	-0.5	-0.4	1.0	1.6	-0.2	0.1	0.8	0.9	0.1	0.2	0.0	0.4	0.4	3.9
	Apr	0.2	-0.2	-0.4	7.0	-0.5	-3.3	-0.9	0.5	0.2	0.9	0.9	0.7	-0.2	-0.2	0.0	0.8	0.3	0.2	0.3	-0.2	-0.4	-0.3	-0.5
	May	0.3	-0.1	-0.7	-4.0	0.3	-5.2	0.9	2.0	0.3	1.6	0.9	0.8	0.5	-0.2	0.1	-0.1	-0.2	0.2	0.2	-0.2	-0.5	-0.4	-0.9
	Jun	0.3	-0.4	1.0	1.2	1.0	0.2	1.9	0.8	0.2	-0.2	0.5	1.1	1.0	-0.1	-0.1	0.1	1.0	0.2	0.0	0.0	0.6	0.1	0.0
	Jul	0.3	-0.1	0.4	3.3	-0.5	4.0	0.2	0.1	0.3	0.9	0.7	0.8	-0.2	-0.1	0.2	1.2	-0.2	0.2	-0.1	0.1	0.3	-0.3	0.3
	Aug	0.1	0.2	-0.1	0.9	-0.1	-0.4	0.1	0.1	0.1	0.2	0.1	-1.5	1.5	-0.1	0.0	0.1	-0.5	0.1	0.0	0.4	0.6	0.8	-0.2
	Sep	0.0	0.5	-0.4	-3.2	0.0	-1.3	-0.5	1.5	-0.1	-0.9	-0.4	-0.7	1.1	-0.3	0.1	0.6	-1.0	0.0	0.1	0.5	-0.9	-0.5	-1.2
	Oct	0.2	0.5	-0.3	2.0	-0.6	0.0	-0.5	-0.3	0.3	0.6	1.1	0.9	-1.2	-0.4	0.4	0.7	1.1	0.0	0.3	0.5	0.1	1.3	-1.2
	Nov	0.2	0.0	-0.2	-1.8	0.1	-0.6	-0.2	-0.7	0.3	1.0	0.4	0.8	0.2	-0.4	0.1	0.4	0.3	-0.1	0.3	0.4	0.4	-0.4	0.6
	Dec	-0.3	-0.8	-0.3	0.8	-0.5	-0.1	0.3	-2.5	-0.2	-1.2	0.3	-0.3	0.9	-0.3	0.4	-0.4	-1.1	0.0	0.2	0.1	-0.7	-1.0	0.4
2019	Jan	0.5	-0.5	0.7	-1.9	1.1	0.6	-1.0	3.3	0.2	1.4	-0.5	1.1	0.8	-0.5	0.0	-0.8	0.9	-0.2	0.2	0.0	-0.3	1.6	0.3
	Feb	0.2	-0.4	0.3	3.5	0.9	-4.9	-0.2	0.7	0.2	0.1	0.3	0.1	0.1	-0.3	0.1	0.5	0.7	-0.2	0.0	0.1	0.3	1.1	0.1
	Mar	0.1	-0.2	1.4	1.7	1.6	0.6	0.7	-1.5	0.0	0.4	0.6	-0.5	0.0	-0.1	0.1	0.3	-0.4	-0.2	-0.4	0.3	-0.2	-0.4	-1.4
	Apr	-0.5	-0.1	-3.1	-2.9	-4.4	3.2	-0.4	-0.5	0.0	0.0	-0.3	-0.6	1.5	-0.1	0.1	-0.6	-0.1	0.0	0.1	0.0	-1.8	-0.8	1.4
	May	0.2	0.0	1.2	0.5	1.4	0.8	1.2	0.3	0.0	0.0	-0.1	-0.3	-0.2	0.0	0.2	0.0	0.1	0.0	0.1	0.1	-0.4	-0.3	-0.5
	Jun	0.0	0.0	-0.1	0.1	-0.2	0.3	0.3	-0.7	0.0	-0.2	-0.4	0.9	0.8	0.1	-0.1	0.8	-1.4	0.0	0.1	0.1	-0.5	-1.1	-1.0
	Jul	0.3	-0.1	0.1	-1.2	0.3	-1.4	1.1	0.5	0.3	0.3	1.1	0.2	0.7	0.1	0.0	0.4	1.6	0.0	0.1	0.2	0.5	0.6	-2.1

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.
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.

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

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 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	0.3	1.2	2.3	2.4	-4.2	-2.8	0.8	1.6	1.7	0.8	2.1	6.2	-2.0	1.2	5.0	4.9	0.8	-0.5	0.2	1.5	-3.8	3.0
Feb	1.4	-1.3	2.3	3.6	2.5	3.7	-3.1	0.3	1.3	1.9	-0.3	-0.9	5.3	-1.9	1.2	4.7	2.9	0.8	-0.6	0.2	2.7	-2.5	3.7
Mar	1.3	-2.1	2.5	-1.6	2.1	11.7	-3.7	-2.0	1.3	1.0	-1.4	1.2	6.1	-1.9	1.2	5.0	2.7	0.7	-0.2	0.1	3.8	-3.6	7.3
Apr	1.4	-2.3	1.8	7.6	1.4	3.5	-3.0	-1.4	1.6	1.9	1.0	1.1	4.5	-1.8	0.9	6.5	5.6	0.6	0.3	-0.2	1.2	-4.5	5.2
May	1.4	-2.4	0.5	1.5	1.5	-4.0	-2.2	0.6	1.7	4.0	1.5	2.4	5.2	-1.8	0.8	5.1	2.6	0.7	0.6	-0.5	2.4	-5.2	2.0
Jun	1.5	-2.9	1.1	-1.5	2.2	-3.2	-0.2	0.9	1.6	2.8	3.2	4.7	3.6	-1.7	0.6	4.4	3.4	1.0	0.6	-0.4	2.5	-3.9	-2.6
Jul	1.8	-3.2	1.3	4.8	1.4	-0.4	0.0	1.6	1.9	4.0	3.1	3.0	4.4	-1.5	0.7	5.6	3.0	1.4	0.4	-0.3	2.9	-3.6	-3.8
Aug	1.6	-3.4	1.3	7.7	1.2	-1.2	0.7	-0.3	1.9	3.6	3.3	3.3	5.8	-1.4	0.5	5.3	1.8	1.6	0.3	0.3	1.6	-4.4	-3.0
Sep	1.5	-3.0	-0.4	1.5	0.0	-4.0	0.0	2.2	1.8	2.7	2.6	3.1	6.2	-1.5	0.9	4.9	0.3	1.6	0.4	1.1	0.9	-3.5	-2.2
Oct	1.8	-2.6	-0.7	2.5	-1.0	-0.2	-1.3	3.2	2.1	3.2	3.3	3.7	4.8	-1.5	1.2	6.1	1.1	1.3	0.7	1.6	-0.3	-1.3	0.8
Nov	1.6	-2.3	-1.0	2.3	-1.1	-2.7	-0.5	0.8	2.1	3.8	3.4	3.5	4.7	-1.8	1.2	5.0	0.5	1.1	1.1	1.9	1.4	0.1	5.5
Dec	1.1	-2.5	-0.4	24.0	-1.8	-4.6	-0.2	-3.1	1.8	3.4	3.5	3.3	3.3	-2.2	1.6	4.3	-0.6	1.0	1.3	1.8	-0.7	-1.3	4.4
2019 Jan	1.5	-2.1	-0.3	1.2	-0.6	0.0	0.9	2.1	1.8	4.4	2.7	3.4	5.4	-2.7	1.4	1.9	-0.3	0.8	1.6	1.7	-1.1	1.1	3.0
Feb	2.0	-1.8	-0.2	4.3	0.6	-8.4	0.1	3.6	2.3	4.1	3.9	5.0	6.4	-2.9	1.3	4.0	2.2	0.6	1.6	1.7	0.0	2.5	1.4
Mar	2.1	-1.5	1.4	9.4	2.7	-10.3	0.6	4.0	2.1	5.0	5.0	3.4	4.7	-2.9	1.4	3.5	0.8	0.3	1.0	2.0	-0.6	1.6	-3.8
Apr	1.5	-1.5	-1.4	-0.8	-1.2	-4.3	1.2	3.0	1.9	4.1	3.7	2.1	6.4	-2.7	1.5	2.0	0.4	0.2	0.8	2.2	-2.1	1.1	-1.9
May	1.4	-1.4	0.5	3.9	-0.2	1.8	1.5	1.3	1.6	2.4	2.7	1.0	5.7	-2.5	1.6	2.2	0.7	0.0	0.7	2.5	-2.0	1.2	-1.4
Jun	1.0	-1.0	-0.6	2.8	-1.4	1.8	-0.1	-0.2	1.4	2.4	1.9	0.7	5.4	-2.3	1.6	2.9	-1.7	-0.2	0.8	2.6	-3.2	0.0	-2.4
Jul	1.0	-1.0	-0.9	-1.6	-0.6	-3.4	0.8	0.3	1.4	1.8	2.3	0.1	6.3	-2.1	1.4	2.1	0.1	-0.5	1.0	2.6	-2.9	0.8	-4.8

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.

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

REV1

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: None

		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 [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
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 previous 3 months																							
2017 Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
2019 Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Percentage change, latest 3 months on same 3 months a year ago																							
2017 Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
2019 Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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.

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

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: None

		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 [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
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 previous month																								
2017	Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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
2019	Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Percentage change, latest month on same month a year ago																								
2017	Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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
2019	Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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.

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

		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**
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	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	-0.01	0.03
	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	0.47	-0.01	0.02	-0.07	0.10	-0.01	-0.01	0.05	0.39	0.01	0.04	0.04	0.11	-0.03	0.02	0.17	0.07	0.02	-0.01	0.02	0.01	-0.07	-0.02
	Feb	0.31	-0.01	-0.05	-0.08	0.03	0.01	-0.02	0.04	0.33	0.00	0.02	0.03	0.10	-0.01	0.04	0.13	0.03	0.01	-0.01	0.03	0.01	-0.04	0.00
	Mar	0.15	-0.01	0.01	0.05	-0.03	0.02	-0.02	-0.09	0.24	0.02	-0.01	0.02	0.03	0.00	0.05	0.11	0.00	0.00	0.00	0.02	0.00	-0.03	0.01
	Apr	-0.07	-0.01	0.00	0.07	-0.09	0.04	-0.01	-0.16	0.10	0.05	-0.03	0.00	0.01	-0.01	0.04	0.03	-0.03	0.01	0.01	0.01	0.00	-0.01	0.02
	May	0.11	-0.01	-0.05	0.07	-0.11	0.00	0.00	-0.12	0.30	0.11	0.00	0.03	0.05	-0.03	0.03	0.06	0.00	0.01	0.03	-0.01	-0.01	-0.01	0.02
	Jun	0.41	-0.01	-0.08	0.03	-0.05	-0.06	0.01	0.03	0.46	0.18	0.05	0.05	0.08	-0.03	0.02	0.06	0.03	0.02	0.03	-0.02	-0.01	-0.01	0.01
	Jul	0.74	0.00	-0.03	0.01	0.03	-0.09	0.02	0.13	0.64	0.23	0.08	0.08	0.10	-0.03	0.02	0.09	0.04	0.03	0.02	-0.02	0.00	-0.01	0.00
	Aug	0.83	0.00	0.09	0.04	0.07	-0.04	0.02	0.14	0.60	0.20	0.08	0.06	0.11	-0.02	0.01	0.09	0.03	0.03	0.01	0.00	0.01	0.00	0.00
	Sep	0.70	0.00	0.09	0.03	0.02	0.03	0.02	0.11	0.50	0.12	0.05	0.02	0.14	-0.02	0.02	0.12	-0.02	0.03	0.00	0.03	0.01	0.00	0.00
	Oct	0.49	0.00	0.02	0.02	-0.03	0.02	0.00	0.08	0.39	0.03	0.04	-0.02	0.14	-0.04	0.04	0.12	-0.03	0.02	0.00	0.07	0.01	0.02	0.00
	Nov	0.35	0.01	-0.09	-0.01	-0.06	-0.01	-0.01	0.07	0.36	0.03	0.04	-0.02	0.09	-0.06	0.06	0.13	-0.03	0.01	0.02	0.09	0.00	0.01	-0.01
	Dec	0.24	0.00	-0.12	-0.01	-0.07	-0.02	-0.01	-0.03	0.38	0.04	0.05	0.01	0.03	-0.07	0.09	0.10	0.01	0.00	0.03	0.09	0.00	0.01	-0.01
2019	Jan	0.26	0.00	-0.07	-0.02	-0.03	-0.02	-0.01	-0.06	0.38	0.09	0.05	0.04	0.04	-0.08	0.09	0.04	0.01	-0.01	0.04	0.07	-0.01	0.00	0.00
	Feb	0.26	-0.01	0.00	0.00	0.04	-0.03	-0.01	-0.04	0.30	0.08	0.03	0.04	0.08	-0.07	0.08	-0.02	0.01	-0.01	0.03	0.04	-0.01	0.01	0.00
	Mar	0.52	-0.01	0.15	0.01	0.19	-0.05	-0.01	0.08	0.30	0.13	0.01	0.03	0.11	-0.07	0.05	-0.04	0.03	-0.02	0.02	0.03	-0.01	0.03	0.00
	Apr	0.37	-0.01	0.07	0.04	0.10	-0.05	0.00	0.06	0.25	0.10	0.01	0.01	0.10	-0.05	0.04	-0.01	0.03	-0.02	0.00	0.02	-0.01	0.03	0.00
	May	0.20	0.00	0.01	0.02	0.00	0.00	0.00	-0.01	0.19	0.10	0.02	-0.02	0.08	-0.03	0.04	0.00	0.01	-0.02	-0.01	0.03	-0.02	0.01	0.00
	Jun	-0.19	0.00	-0.19	-0.01	-0.23	0.04	0.01	-0.08	0.08	0.03	0.00	-0.02	0.11	-0.01	0.05	0.01	-0.03	-0.01	-0.01	0.02	-0.03	-0.03	0.00
	Jul	0.01	0.00	-0.06	-0.02	-0.11	0.05	0.02	-0.04	0.13	0.02	0.01	-0.01	0.10	0.00	0.04	0.03	-0.02	0.00	0.00	0.02	-0.03	-0.03	-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	Jul	2.65	0.02	0.21	-0.01	0.23	-0.03	0.02	0.44	1.98	0.26	0.09	0.11	0.55	0.02	0.19	0.35	0.26	0.02	0.03	-0.01	0.03	0.13	-0.05
	Aug	2.61	0.02	0.24	-0.04	0.27	-0.02	0.02	0.46	1.88	0.29	0.07	0.09	0.48	-0.04	0.21	0.35	0.26	0.02	0.04	-0.02	0.04	0.13	-0.04
	Sep	2.40	0.03	0.30	-0.04	0.30	0.02	0.02	0.43	1.65	0.23	0.07	0.08	0.37	-0.09	0.22	0.35	0.24	0.01	0.05	-0.03	0.05	0.14	-0.03
	Oct	2.29	0.03	0.41	0.02	0.36	0.01	0.02	0.39	1.45	0.16	0.05	0.03	0.33	-0.11	0.21	0.35	0.24	0.02	0.05	-0.03	0.07	0.13	-0.03
	Nov	2.12	0.02	0.43	0.04	0.38	-0.02	0.02	0.31	1.35	0.12	0.06	0.03	0.33	-0.12	0.21	0.36	0.23	0.02	0.04	-0.02	0.05	0.07	-0.02
	Dec	1.87	0.02	0.30	0.00	0.32	-0.03	0.02	0.27	1.28	0.07	0.05	0.04	0.34	-0.11	0.20	0.34	0.25	0.03	0.03	-0.01	0.05	0.01	-0.01
2018	Jan	1.65	0.01	0.16	-0.04	0.24	-0.04	0.00	0.19	1.28	0.12	0.05	0.05	0.37	-0.12	0.19	0.35	0.24	0.04	0.00	0.00	0.03	-0.05	0.00
	Feb	1.45	0.00	0.17	-0.03	0.20	0.01	-0.02	0.10	1.17	0.14	0.02	0.03	0.37	-0.12	0.18	0.35	0.21	0.04	-0.02	0.01	0.03	-0.07	0.01
	Mar	1.37	-0.01	0.28	0.02	0.23	0.06	-0.03	-0.02	1.12	0.16	-0.01	0.02	0.37	-0.14	0.17	0.37	0.17	0.04	-0.03	0.01	0.04	-0.08	0.02
	Apr	1.35	-0.01	0.31	0.04	0.20	0.10	-0.03	-0.06	1.12	0.17	-0.01	0.01	0.34	-0.13	0.15	0.41	0.18	0.03	-0.01	0.00	0.04	-0.09	0.02
	May	1.38	-0.01	0.23	0.03	0.17	0.06	-0.03	-0.06	1.23	0.24	0.02	0.05	0.34	-0.13	0.13	0.42	0.17	0.03	0.01	-0.02	0.04	-0.11	0.02
	Jun	1.45	-0.02	0.16	0.03	0.17	-0.02	-0.02	0.00	1.30	0.30	0.08	0.08	0.28	-0.13	0.11	0.40	0.19	0.04	0.03	-0.03	0.03	-0.11	0.01
	Jul	1.56	-0.02	0.14	0.02	0.17	-0.04	-0.01	0.06	1.38	0.38	0.11	0.10	0.28	-0.12	0.10	0.38	0.15	0.05	0.03	-0.03	0.04	-0.10	-0.01
	Aug	1.63	-0.02	0.18	0.04	0.16	-0.03	0.00	0.04	1.43	0.36	0.13	0.11	0.30	-0.11	0.09	0.39	0.13	0.06	0.03	-0.01	0.04	-0.10	-0.01
	Sep	1.63	-0.02	0.11	0.06	0.09	-0.03	0.00	0.07	1.48	0.36	0.13	0.09	0.36	-0.10	0.10	0.40	0.08	0.07	0.02	0.03	0.03	-0.09	-0.01
	Oct	1.63	-0.02	0.01	0.05	0.01	-0.03	0.00	0.10	1.52	0.33	0.13	0.10	0.37	-0.10	0.12	0.42	0.05	0.07	0.03	0.07	0.01	-0.08	-0.01
	Nov	1.61	-0.02	-0.10	0.03	-0.07	-0.04	-0.01	0.13	1.59	0.34	0.13	0.10	0.34	-0.11	0.15	0.41	0.03	0.06	0.04	0.11	0.01	-0.04	0.00
	Dec	1.50	-0.02	-0.10	0.10	-0.13	-0.04	-0.01	0.02	1.59	0.36	0.14	0.10	0.28	-0.13	0.18	0.39	0.02	0.05	0.06	0.13	0.00	-0.02	0.01
2019	Jan	1.42	-0.02	-0.08	0.11	-0.12	-0.04	0.00	-0.01	1.51	0.40	0.14	0.10	0.29	-0.15	0.18	0.29	-0.01	0.04	0.08	0.13	0.00	0.00	0.01
	Feb	1.56	-0.01	-0.05	0.12	-0.06	-0.08	0.00	0.05	1.56	0.42	0.14	0.12	0.33	-0.18	0.19	0.26	0.02	0.04	0.09	0.13	-0.01	0.02	0.01
	Mar	1.88	-0.01	0.04	0.07	0.09	-0.11	0.01	0.19	1.65	0.47	0.16	0.12	0.36	-0.20	0.18	0.24	0.04	0.03	0.08	0.13	-0.01	0.04	0.00
	Apr	1.86	-0.01	-0.01	0.06	0.07	-0.14	0.01	0.21	1.66	0.46	0.18	0.10	0.38	-0.20	0.19	0.25	0.06	0.02	0.06	0.15	-0.01	0.04	-0.01
	May	1.65	-0.01	0.02	0.06	0.04	-0.08	0.01	0.17	1.46	0.41	0.16	0.07	0.37	-0.19	0.20	0.20	0.03	0.01	0.05	0.16	-0.02	0.03	-0.01
	Jun	1.28	-0.01	-0.07	0.03	-0.09	-0.01	0.01	0.08	1.26	0.32	0.12	0.04	0.38	-0.18	0.21	0.19	-0.01	0.00	0.04	0.17	-0.04	0.02	-0.01
	Jul	1.12	-0.01	-0.03	0.02	-0.06	0.01	0.01	0.04	1.17	0.25	0.12	0.02	0.37	-0.17	0.21	0.19	-0.01	-0.01	0.04	0.19	-0.04	0.02	-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 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	-0.01	0.00	0.00	0.00	-0.01	0.01
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	0.03	0.00	0.00	-0.01	0.03	0.04	0.00
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
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	-0.03	0.01	0.01	0.00	0.00	0.02	-0.02	-0.02
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	0.01	-0.02	-0.04	-0.01
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	0.00	0.02	0.00	0.00	0.00	0.01	0.02	0.01	0.00
2018 Jan	0.12	-0.01	0.08	0.20	-0.01	-0.07	-0.02	-0.12	0.17	0.04	0.01	0.03	-0.08	0.00	0.02	0.12	0.02	0.00	-0.01	0.01	0.00	-0.02	0.01
Feb	-0.29	0.00	0.03	0.00	-0.04	0.06	0.01	-0.05	-0.27	0.05	-0.04	-0.04	-0.05	0.00	0.02	-0.12	-0.08	0.00	0.00	0.00	-0.01	0.00	0.01
Mar	0.06	0.00	-0.04	-0.04	-0.05	0.05	0.00	-0.12	0.21	-0.06	-0.02	0.03	0.11	-0.01	0.01	0.06	0.04	0.00	0.01	0.00	0.01	0.01	0.01
Apr	0.17	0.00	-0.05	0.08	-0.05	-0.06	-0.01	0.03	0.19	0.09	0.04	0.02	-0.02	-0.02	0.00	0.06	0.02	0.01	0.02	-0.01	-0.01	-0.01	0.00
May	0.27	0.00	-0.09	-0.05	0.03	-0.09	0.01	0.12	0.24	0.17	0.04	0.02	0.04	-0.01	0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.01	0.00
Jun	0.34	0.00	0.13	0.01	0.10	0.00	0.02	0.05	0.17	-0.02	0.02	0.03	0.07	0.00	-0.01	0.01	0.05	0.01	0.00	0.00	0.01	0.00	0.00
Jul	0.31	0.00	0.05	0.04	-0.05	0.07	0.00	0.00	0.25	0.10	0.03	0.03	-0.01	0.00	0.02	0.10	-0.01	0.01	-0.01	0.01	0.01	-0.01	0.00
Aug	0.11	0.00	-0.01	0.01	-0.01	-0.01	0.00	0.00	0.11	0.02	0.00	-0.05	0.10	-0.01	0.00	0.01	-0.03	0.01	0.00	0.03	0.01	0.02	0.00
Sep	-0.02	0.00	-0.06	-0.04	0.00	-0.02	-0.01	0.09	-0.05	-0.10	-0.02	-0.02	0.07	-0.02	0.01	0.04	-0.05	0.00	0.01	0.04	-0.01	-0.01	0.00
Oct	0.20	0.00	-0.04	0.02	-0.06	0.00	-0.01	-0.02	0.25	0.06	0.05	0.03	-0.08	-0.03	0.05	0.05	0.05	0.00	0.01	0.03	0.00	0.03	0.00
Nov	0.18	0.00	-0.02	-0.02	0.01	-0.01	0.00	-0.04	0.25	0.11	0.02	0.02	0.02	-0.03	0.02	0.03	0.01	0.00	0.01	0.03	0.01	-0.01	0.00
Dec	-0.32	-0.01	-0.04	0.01	-0.05	0.00	0.00	-0.15	-0.12	-0.12	0.01	-0.01	0.06	-0.02	0.05	-0.03	-0.05	0.00	0.01	0.01	-0.01	-0.02	0.00
2019 Jan	0.49	0.00	0.10	-0.03	0.11	0.01	-0.01	0.20	0.20	0.15	-0.02	0.03	0.06	-0.03	-0.01	-0.06	0.04	-0.01	0.01	0.00	-0.01	0.04	0.00
Feb	0.22	0.00	0.04	0.05	0.09	-0.08	0.00	0.04	0.13	0.02	0.01	0.00	0.01	-0.02	0.01	0.04	0.03	-0.01	0.00	0.01	0.00	0.03	0.00
Mar	0.13	0.00	0.20	0.02	0.16	0.01	0.01	-0.09	0.04	0.04	0.03	-0.01	0.00	-0.01	0.02	0.03	-0.02	-0.01	-0.02	0.02	0.00	-0.01	-0.01
Apr	-0.46	0.00	-0.45	-0.04	-0.44	0.05	0.00	-0.03	0.00	0.00	-0.01	-0.02	0.10	-0.01	0.01	-0.05	0.00	0.00	0.00	0.00	-0.03	-0.02	0.01
May	0.20	0.00	0.17	0.01	0.13	0.01	0.01	0.02	0.01	0.00	0.00	-0.01	-0.01	0.00	0.03	0.00	0.01	0.00	0.00	0.00	-0.01	-0.01	0.00
Jun	-0.05	0.00	-0.01	0.00	-0.02	0.00	0.00	-0.04	0.01	-0.02	-0.02	0.03	0.05	0.01	-0.01	0.06	-0.07	0.00	0.01	0.01	-0.01	-0.03	0.00
Jul	0.32	0.00	0.01	-0.02	0.03	-0.02	0.01	0.03	0.28	0.03	0.05	0.01	0.05	0.01	0.00	0.03	0.08	0.00	0.01	0.01	0.01	0.01	-0.01
Contribution to growth, latest month on same month a year ago																							
	EDLE	**EDLF**	**EDLG**	**EDLH**	**EDLI**	**EDLJ**	**EDLK**	**EDLL**	**EDLM**	**EDLN**	**EDLO**	**EDLP**	**EDLQ**	**EDLR**	**EDLS**	**EDLT**	**EDLU**	**EDLV**	**EDLW**	**EDLX**	**EDLY**	**EDLZ**	**EDMA**
2017 Jul	2.50	0.02	0.24	-0.08	0.32	-0.01	0.02	0.37	1.86	0.29	0.11	0.18	0.44	-0.06	0.21	0.34	0.25	0.01	0.04	-0.02	0.01	0.11	-0.04
Aug	2.48	0.03	0.24	-0.06	0.27	0.01	0.02	0.53	1.69	0.26	0.06	0.06	0.36	-0.08	0.23	0.33	0.27	0.01	0.05	-0.03	0.08	0.15	-0.04
Sep	2.23	0.03	0.41	0.01	0.31	0.07	0.02	0.37	1.42	0.16	0.05	0.01	0.33	-0.14	0.22	0.38	0.20	0.01	0.05	-0.03	0.05	0.16	-0.03
Oct	2.16	0.02	0.59	0.10	0.49	-0.04	0.03	0.28	1.26	0.06	0.05	0.03	0.29	-0.11	0.20	0.34	0.24	0.02	0.05	-0.03	0.07	0.08	-0.02
Nov	1.98	0.02	0.30	0.02	0.35	-0.09	0.01	0.29	1.37	0.13	0.08	0.04	0.36	-0.12	0.21	0.36	0.24	0.03	0.03	-0.01	0.04	-0.01	-0.01
Dec	1.49	0.02	0.02	-0.14	0.11	0.03	0.01	0.25	1.21	0.03	0.03	0.04	0.38	-0.09	0.20	0.33	0.25	0.04	0.01	0.00	0.03	-0.05	0.01
2018 Jan	1.49	0.00	0.17	0.03	0.24	-0.07	-0.03	0.05	1.28	0.18	0.04	0.06	0.39	-0.15	0.16	0.38	0.23	0.04	-0.03	0.01	0.02	-0.09	0.01
Feb	1.36	-0.01	0.32	0.04	0.25	0.06	-0.03	0.02	1.04	0.20	-0.01	-0.03	0.34	-0.14	0.17	0.36	0.14	0.04	-0.04	0.02	0.04	-0.06	0.01
Mar	1.25	-0.01	0.35	-0.02	0.21	0.19	-0.04	-0.12	1.04	0.10	-0.06	0.04	0.39	-0.13	0.17	0.37	0.13	0.03	-0.01	0.01	0.06	-0.09	0.03
Apr	1.44	-0.02	0.25	0.09	0.14	0.06	-0.03	-0.08	1.29	0.20	0.04	0.03	0.29	-0.13	0.13	0.49	0.26	0.03	0.01	-0.02	0.02	-0.11	0.02
May	1.44	-0.02	0.08	0.02	0.15	-0.07	-0.02	0.04	1.35	0.42	0.07	0.07	0.33	-0.13	0.10	0.39	0.13	0.03	0.03	-0.04	0.04	-0.13	0.01
Jun	1.46	-0.02	0.15	-0.02	0.22	-0.06	0.00	0.06	1.27	0.29	0.13	0.14	0.23	-0.12	0.09	0.33	0.17	0.05	0.03	-0.03	0.04	-0.10	-0.01
Jul	1.78	-0.02	0.19	0.06	0.14	-0.01	0.00	0.09	1.52	0.42	0.13	0.09	0.28	-0.10	0.10	0.43	0.15	0.07	0.03	-0.02	0.04	-0.09	-0.01
Aug	1.64	-0.02	0.19	0.09	0.12	-0.02	0.01	-0.02	1.50	0.38	0.14	0.10	0.38	-0.10	0.07	0.40	0.09	0.08	0.02	0.02	0.02	-0.11	-0.01
Sep	1.48	-0.02	-0.05	0.02	0.00	-0.07	0.00	0.14	1.41	0.28	0.11	0.09	0.40	-0.11	0.12	0.38	0.02	0.07	0.02	0.08	0.01	-0.08	-0.01
Oct	1.76	-0.02	-0.10	0.03	-0.11	0.00	-0.01	0.20	1.67	0.34	0.14	0.11	0.31	-0.11	0.16	0.46	0.06	0.06	0.04	0.12	0.00	-0.03	0.00
Nov	1.60	-0.02	-0.14	0.03	-0.11	-0.05	0.00	0.05	1.69	0.40	0.14	0.10	0.31	-0.13	0.16	0.39	0.02	0.05	0.06	0.13	0.02	0.00	0.02
Dec	1.14	-0.02	-0.06	0.24	-0.18	-0.08	0.00	-0.19	1.41	0.35	0.15	0.10	0.22	-0.15	0.21	0.33	-0.03	0.04	0.07	0.13	-0.01	-0.03	0.02
2019 Jan	1.51	-0.01	-0.04	0.02	-0.06	0.00	0.01	0.12	1.43	0.46	0.11	0.10	0.35	-0.19	0.18	0.15	-0.01	0.04	0.09	0.12	-0.02	0.03	0.01
Feb	2.03	-0.01	-0.03	0.06	0.07	-0.15	0.00	0.22	1.84	0.43	0.16	0.15	0.41	-0.20	0.18	0.31	0.11	0.03	0.09	0.13	0.00	0.06	0.01
Mar	2.11	-0.01	0.20	0.13	0.28	-0.19	0.01	0.24	1.67	0.52	0.21	0.10	0.31	-0.20	0.18	0.27	0.04	0.01	0.05	0.15	-0.01	0.04	-0.01
Apr	1.46	-0.01	-0.20	-0.01	-0.12	-0.08	0.01	0.18	1.47	0.44	0.16	0.06	0.42	-0.19	0.20	0.16	0.02	0.01	0.04	0.16	-0.03	0.02	-0.01
May	1.38	-0.01	0.07	0.05	-0.02	0.03	0.01	0.08	1.24	0.26	0.11	0.03	0.37	-0.18	0.22	0.17	0.04	0.00	0.04	0.18	-0.03	0.03	-0.01
Jun	0.99	-0.01	-0.08	0.04	-0.14	0.03	0.00	-0.01	1.08	0.26	0.08	0.02	0.36	-0.16	0.21	0.23	-0.08	-0.01	0.04	0.18	-0.05	0.00	-0.01
Jul	1.00	-0.01	-0.13	-0.02	-0.06	-0.06	0.01	0.02	1.11	0.19	0.10	0.00	0.42	-0.15	0.19	0.16	0.01	-0.02	0.06	0.19	-0.05	0.02	-0.02

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