

Statistical bulletin

# GDP monthly estimate, UK: April 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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# 1 . UK gross domestic product (GDP) grew by 0.3% in the three months to April 2019

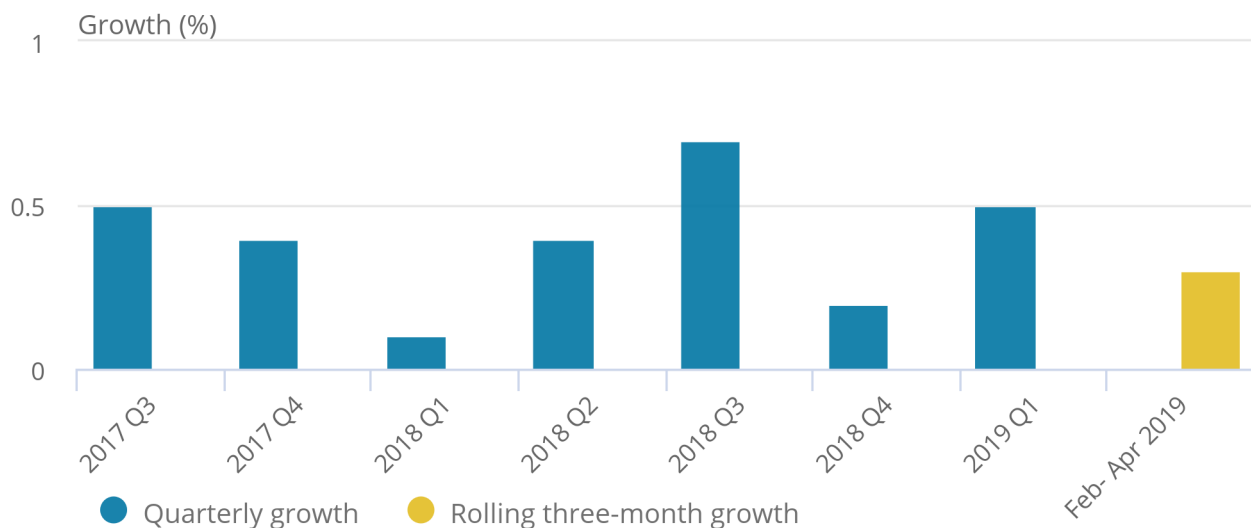
Please take the time to complete our [survey on the new GDP publication model](#), which was introduced in July 2018.

**Figure 1: Rolling three-month growth slowed to 0.3% in April 2019 after increasing by 0.5% in Quarter 1 (January to March) 2019**

UK GDP growth, Quarter 3 2017 until February to April 2019

Figure 1: Rolling three-month growth slowed to 0.3% in April 2019 after increasing by 0.5% in Quarter 1 (January to March) 2019

UK GDP growth, Quarter 3 2017 until February to April 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), 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 February to April compared with the previous November to January.

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

“GDP growth showed some weakening across the latest 3 months, with the economy shrinking in the month of April mainly due to a dramatic fall in car production, with uncertainty ahead of the UK’s original EU departure date leading to planned shutdowns.

“There was also widespread weakness across manufacturing in April, as the boost from the early completion of orders ahead of the UK’s original EU departure date has faded.”

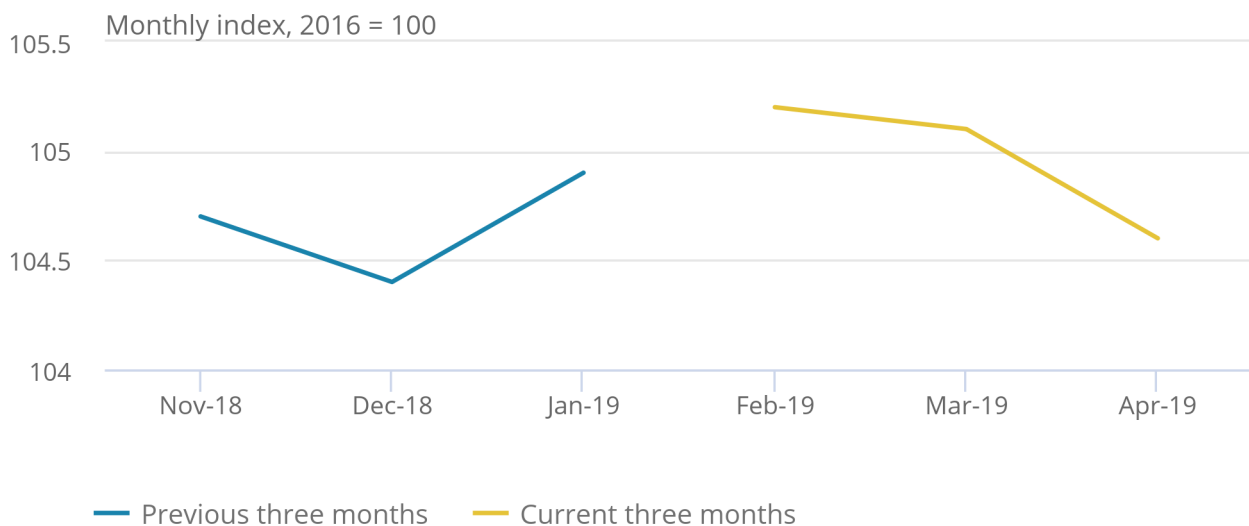
More information on the fall in car manufacturing can be found in [Section 5](#).

**Figure 2: Despite two consecutive negative monthly growths in March and April 2019, rolling three-month growth increased**

Monthly index, November 2018 to April 2019, 2016 = 100

Figure 2: Despite two consecutive negative monthly growths in March and April 2019, rolling three-month growth increased

Monthly index, November 2018 to April 2019, 2016 = 100



Source: Office for National Statistics – GDP monthly estimate

The rolling three-month growth of 0.3% in April 2019 may appear inconsistent with the month-on-month growths of negative 0.1% in March and negative 0.4% in April. However, the monthly indices in Figure 2 show that high growth into February 2019 raised output significantly above the level of output seen in the months November 2018 to January 2019. Despite the declines in March and April, the average output of the current three months is still above that of the previous three months.

## 2 . All main sectors contributed positively to GDP growth in the three months to April 2019

Table 1: The services sector was the largest contributor to GDP growth, while manufacturing was the second-largest

	<b>Contribution to growth</b>
Index of Services	0.16pp
Index of Production	0.09pp
Index of Production, of which manufacturing	0.11pp
Construction	0.02pp

Source: Office for National Statistics – GDP monthly estimate

The services sector had a positive contribution to rolling three-month growth in April 2019, increasing by 0.2%. The production sector increased by 0.7%, within which manufacturing grew by 1.2%, making it the second-largest contributor to rolling three-month growth. Construction also had a positive contribution, growing by 0.4% in the three months to April 2019.

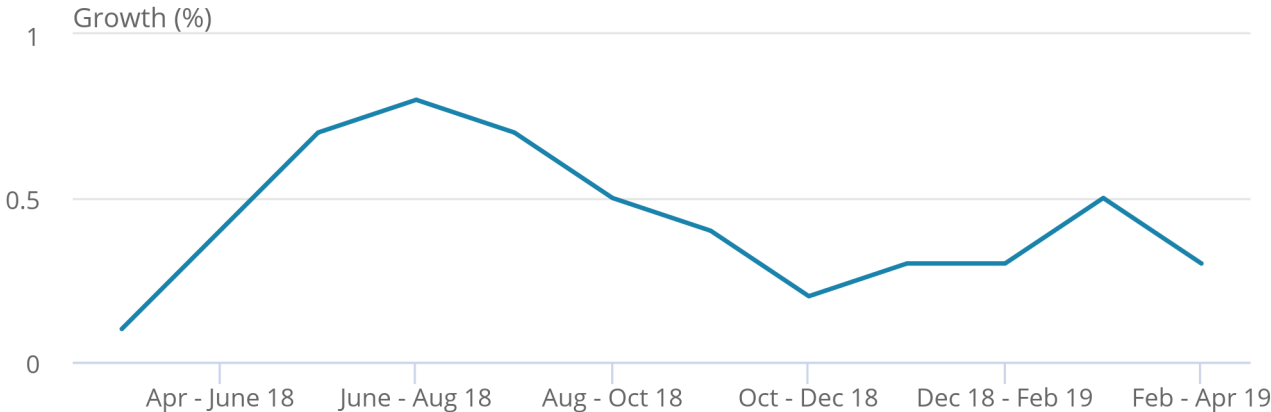
# 3 . Rolling three-month growth was 0.3% in the three months to April 2019

Figure 3: Rolling three-month growth returned to a moderate rate in April 2019

Growth, three-months on previous three-months, UK, March to May 2018 until February to April 2019

Figure 3: Rolling three-month growth returned to a moderate rate in April 2019

Growth, three-months on previous three-months, UK, March to May 2018 until February to April 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 February to April compared with the previous November to January.

Rolling three-month growth was 0.3% in April 2019, down from 0.5% in March, but on par with growth rates at the start of 2019.

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

## 4 . GDP contracted by 0.4% in April 2019

Table 2: Breakdown of GDP growth rates by month

	February 2019	March 2019	April 2019
GDP	0.2%	-0.1%	-0.4%
Index of Services	0.2%	-0.1%	0.0%
Index of Production	0.6%	0.7%	-2.7%
Manufacturing	1.0%	0.9%	-3.9%
Construction	0.5%	-1.9%	-0.4%
Agriculture	-0.6%	-0.1%	0.0%

Source: Office for National Statistics – GDP monthly estimate

Monthly GDP growth was negative 0.4% in April 2019, as the production sector and manufacturing sub-sector contracted.

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 production sector increased by 0.7% in the three months to April 2019

Rolling three-month growth in the production sector was 0.7% in April 2019, while manufacturing increased by 1.2%. Within manufacturing, the two largest positive contributors to growth were manufacture of food products and pharmaceutical products. Monthly growth in production was negative 2.7% in April, driven by manufacturing, which contracted by 3.9%.

As seen in Figure 4, the most notable movement in April was the decline in manufacture of transport equipment. Output in this industry has been weak since October 2018 and contracted by 13.4% in April 2019. This pulled manufacturing and overall production output down, although the indices for these series were only slightly below the levels seen throughout the past 12 months.

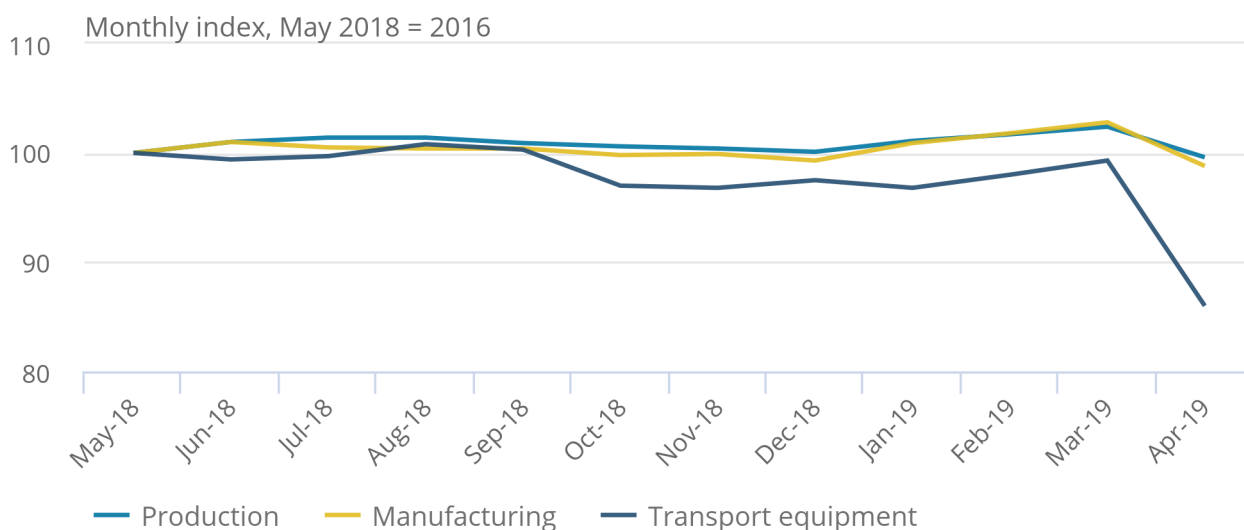
The decline in transport equipment was due largely to a fall of 24.0% in car manufacturing, as firms planned shutdowns around the originally-intended departure date from the European Union. These data are consistent with that reported by the [Society of Motor Manufacturers and Traders \(SMMT\)](#), which found that car manufacturing was 44.5% lower in April 2019 than in April 2018. Manufacture of chemicals, pharmaceutical products and basic metals were also notably negative in April.

**Figure 4: Output in manufacture of transport equipment fell dramatically in April 2019**

Monthly index, May 2018 to April 2019, May 2018 = 100

### Figure 4: Output in manufacture of transport equipment fell dramatically in April 2019

Monthly index, May 2018 to April 2019, May 2018 = 100



Source: Office for National Statistics – GDP monthly estimate

Strong growth in manufacturing in February and March 2019 was consistent with an increase in activity ahead of the UK’s originally-intended departure date from the European Union. The weaker picture in April 2019 was in line with a fall back from early completion of orders in the first quarter of 2019. However, we are unable to quantify the effect of this. This monthly fall in manufacturing is in line with the [IHS Markit/CIPS PMI for April 2019 \(PDF, 147KB\)](#).

## 6 . The services sector had its lowest rolling three-month growth since April 2018, at 0.2%

**Figure 5: Output in information and communication has risen strongly in the past year, closely followed by wholesale and retail trade**

Three-month index, March to May 2018 until February to April 2019, March to May 2018 = 100

Figure 5: Output in information and communication has risen strongly in the past year, closely followed by wholesale and retail trade

Three-month index, March to May 2018 until February to April 2019, March to May 2018 = 100



**Source: Office for National Statistics – GDP monthly estimate**

Rolling three-month growth in the services sector was 0.2% in April 2019. This was the lowest rolling three-month growth since April 2018. Growth was driven by wholesale and retail trade, within which retail trade was particularly strong, contributing 0.09 percentage points to headline GDP growth. Another large driver to growth was information and communication.

As seen in Figure 5, output in these sub-sectors has performed strongly over the past year, rising above the output level of the services sector as a whole. However, the rate of growth in these two sub-sectors has slowed from a stronger three months to March figure, contributing to the slowing services sector growth seen in the three months to April.

Month-on-month growth in the services sector was flat in April 2019. There was a large positive growth in information and communication in this month, however, this was in part offset by a contraction in professional, scientific and technical activities.



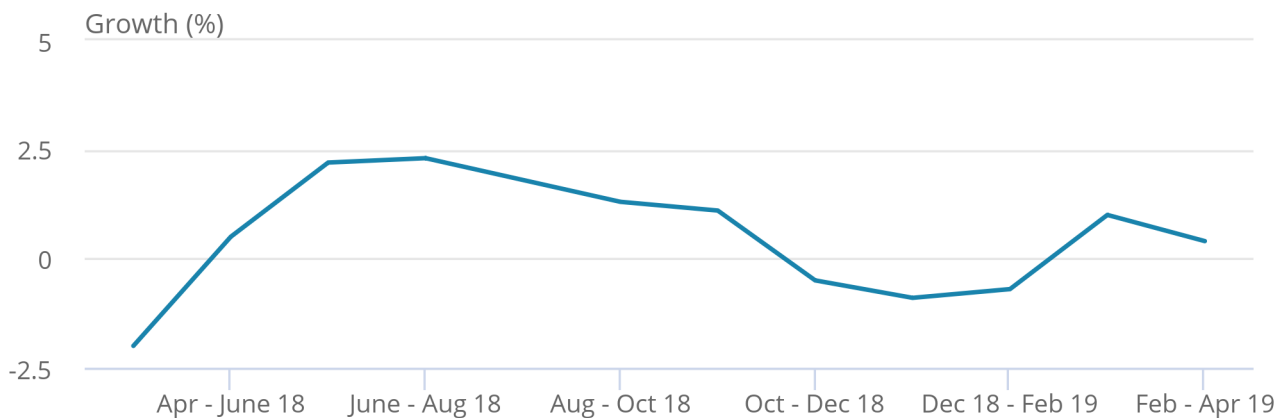
## 7 . The construction sector increased by 0.4% in the three months to April 2019

Figure 6: Rolling three-month growth in construction fell back slightly from high growth in March 2019

Growth, three-month on previous three-months, March to May 2018 until February to April 2019

### Figure 6: Rolling three-month growth in construction fell back slightly from high growth in March 2019

Growth, three-month on previous three-months, March to May 2018 until February to April 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 February to April compared with the previous November to January.

Rolling three-month growth in the construction sector was 0.4% in April 2019. This was driven by strong growth in infrastructure.

Month-on-month growth in construction was negative 0.4%. The largest negative contributor to monthly growth was private housing repair and maintenance.

## 8 . Things you need to know about this release

[Revisions in June Quarterly National Accounts](#): in a change to our published revisions policy, the June Quarterly national accounts (QNA) release will be open for revisions in Quarter 1 (January to March) 2019 only.

## 9 . 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

## 10 . Related links

[Index of Services](#)

[Index of Production](#)

[Construction output in Great Britain](#)

# GVA1 Monthly GDP based on GVA (Gross Value Added) <sup>1</sup>

Chained volume indices of gross value added at basic prices <sup>2,3,4,5</sup>

seasonally adjusted 2016=100

Section	Industry sections (SIC2007)																						
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction <sup>6</sup>	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
<b>2016 weights</b>	<b>1000</b>	<b>7</b>	<b>138</b>	<b>10</b>	<b>100</b>	<b>17</b>	<b>10</b>	<b>60</b>	<b>796</b>	<b>104</b>	<b>43</b>	<b>30</b>	<b>63</b>	<b>73</b>	<b>138</b>	<b>75</b>	<b>48</b>	<b>47</b>	<b>59</b>	<b>75</b>	<b>15</b>	<b>21</b>	<b>4</b>
	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 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	105.9	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	106.4	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	105.0	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	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	101.9	102.4	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	106.0	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	91.3
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	91.8
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	103.6	105.4	103.6	105.3	107.1	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	99.4	102.9	104.5	104.1	96.5	100.7	109.5	105.0	107.3	105.6	107.6	116.0	97.1	102.9	110.9	107.1	101.7	101.8	101.6	103.5	101.9	94.2
Feb	105.2	98.8	103.5	107.6	105.1	93.6	100.6	110.0	105.1	107.4	105.4	107.8	116.2	97.1	102.9	111.5	107.9	101.8	101.9	101.6	103.6	102.9	94.4
Mar	105.1	98.7	104.2	108.6	106.1	93.0	100.2	107.9	105.0	107.8	105.4	106.8	115.1	97.0	103.1	111.7	107.4	101.7	101.9	101.7	102.7	101.8	93.3
Apr	104.6	98.7	101.4	106.0	102.0	96.0	100.5	107.5	105.0	107.8	105.6	106.4	116.6	96.8	103.2	110.8	107.2	101.7	101.6	101.7	102.6	101.0	93.2
<b>Percentage change, latest year on previous year</b>	<b>GDPQ</b>	<b>L3BB</b>	<b>L3BG</b>	<b>L3BH</b>	<b>L3BN</b>	<b>L3DM</b>	<b>L3DQ</b>	<b>L3DW</b>	<b>L3E2</b>	<b>L3E4</b>	<b>L3E8</b>	<b>L3EG</b>	<b>L3EJ</b>	<b>L3EU</b>	<b>L3F2</b>	<b>L3F8</b>	<b>L3FN</b>	<b>L3FW</b>	<b>L3FY</b>	<b>L3G2</b>	<b>L3G9</b>	<b>L3GF</b>	<b>L3GJ</b>
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	2.8	6.8	0.2	1.0	4.6	4.5	0.2	0.6	-0.3	2.6	4.4	-7.2	1.6
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
<b>Percentage change, latest 3 months on previous 3 months</b>	<b>ED3H</b>	<b>ED3I</b>	<b>ED3J</b>	<b>ED3K</b>	<b>ED3L</b>	<b>ED3M</b>	<b>ED3N</b>	<b>ED3O</b>	<b>ED3P</b>	<b>ED3Q</b>	<b>ED3R</b>	<b>ED3S</b>	<b>ED3T</b>	<b>ED3U</b>	<b>ED3V</b>	<b>ED3W</b>	<b>ED3X</b>	<b>ED3Y</b>	<b>ED3Z</b>	<b>ED42</b>	<b>ED43</b>	<b>ED44</b>	<b>ED9R</b>
2017 Apr	0.2	2.0	-1.0	0.1	-0.6	-5.9	2.2	1.5	0.3	0.0	0.7	1.3	0.7	0.1	0.6	-0.3	0.6	0.2	0.5	0.1	-0.7	1.0	1.2
May	0.2	1.4	-0.8	1.0	-0.8	-3.1	1.0	0.5	0.3	0.1	0.0	0.4	1.2	-0.3	0.6	0.0	0.8	0.4	-0.1	0.2	-0.9	1.4	3.3
Jun	0.3	0.6	0.3	1.5	0.1	0.9	-0.8	0.2	0.4	0.4	-1.1	-0.1	2.7	-0.7	0.6	0.4	0.2	0.4	-0.4	0.2	0.2	1.0	5.2
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																			

Industry sections (SIC2007)

Section	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction <sup>6</sup>	Total service industries	Wholesale and retail: motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
<b>2016 weights</b>	<b>1000</b>	<b>7</b>	<b>138</b>	<b>10</b>	<b>100</b>	<b>17</b>	<b>10</b>	<b>60</b>	<b>796</b>	<b>104</b>	<b>43</b>	<b>30</b>	<b>63</b>	<b>73</b>	<b>138</b>	<b>75</b>	<b>48</b>	<b>47</b>	<b>59</b>	<b>75</b>	<b>15</b>	<b>21</b>	<b>4</b>

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 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	2.0	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	-3.0	-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	-3.3	-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	-2.4	-0.5	8.8	-1.0	-2.6	-0.1	-0.1	1.9	3.9	3.1	3.4	4.5	-2.1	1.4	3.7	-0.2	1.0	1.3	1.8	-0.2	-0.2	4.4
Feb	1.6	-2.4	0.0	10.0	-0.3	-4.0	-0.1	0.7	2.0	3.9	3.0	3.9	5.2	-2.2	1.4	3.3	0.3	1.1	1.4	1.7	-0.8	0.4	3.1
Mar	1.9	-2.2	0.6	6.0	1.2	-5.9	-0.4	2.8	2.0	4.4	3.1	3.7	5.4	-2.2	1.3	2.9	0.7	1.1	1.5	1.7	-1.1	1.0	0.5
Apr	1.8	-1.9	0.2	5.0	1.0	-7.0	-0.4	2.9	2.0	4.3	3.2	3.3	5.4	-2.2	1.3	2.9	1.0	1.0	1.2	1.8	-1.1	0.7	-1.5

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 Apr	0.0	0.0	0.3	-2.1	0.2	4.3	-1.6	-0.1	-0.1	-0.1	-1.5	0.8	1.4	-0.3	0.3	-0.7	-2.4	0.2	-0.2	0.2	2.2	0.7	1.5
May	0.3	0.0	0.6	1.7	0.3	2.1	0.1	0.0	0.2	-0.4	0.4	-0.4	-0.2	-0.2	0.3	1.2	2.7	0.1	-0.1	0.1	-1.6	0.5	2.2
Jun	0.3	0.1	0.4	4.2	0.2	-0.5	-0.2	0.5	0.3	1.0	-1.2	-1.1	2.6	-0.1	0.1	0.8	0.2	-0.1	0.0	-0.1	0.5	-1.3	4.7
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	-1.0	0.7	-0.3	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	-0.8	1.0	-0.2	1.5	0.2	-1.6	3.3	0.2	1.4	-0.7	1.0	1.0	0.0	-0.1	-0.8	0.7	0.1	0.1	0.0	-0.5	1.2	0.5
Feb	0.2	-0.6	0.6	3.0	1.0	-3.0	-0.2	0.5	0.2	0.1	-0.2	0.1	0.2	0.0	0.0	0.5	0.7	0.1	0.1	0.0	0.2	1.0	0.1
Mar	-0.1	-0.1	0.7	0.9	0.9	-0.6	-0.3	-1.9	-0.1	0.3	0.1	-0.9	-0.9	-0.1	0.2	0.2	-0.4	0.0	0.1	0.1	-0.9	-1.1	-1.1
Apr	-0.4	0.0	-2.7	-2.4	-3.9	3.2	0.2	-0.4	0.0	0.0	0.2	-0.3	1.2	-0.2	0.1	-0.8	-0.2	-0.1	-0.3	0.0	-0.1	-0.7	-0.1

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.

Section	Industry sections (SIC2007)																						
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction <sup>6</sup>	Total service industries	Wholesale and retail: motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
<b>2016 weights</b>	<b>1000</b>	<b>7</b>	<b>138</b>	<b>10</b>	<b>100</b>	<b>17</b>	<b>10</b>	<b>60</b>	<b>796</b>	<b>104</b>	<b>43</b>	<b>30</b>	<b>63</b>	<b>73</b>	<b>138</b>	<b>75</b>	<b>48</b>	<b>47</b>	<b>59</b>	<b>75</b>	<b>15</b>	<b>21</b>	<b>4</b>

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 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	3.6	-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	1.6	-2.4	0.0	2.8	-0.2	-0.4	0.3	2.0	1.8	4.4	2.5	3.3	5.6	-2.2	1.3	1.8	-0.5	1.1	1.5	1.7	-1.2	0.7	3.2
Feb	2.1	-2.2	0.4	5.5	1.2	-7.0	-0.4	3.2	2.3	4.0	3.1	5.0	6.7	-2.2	1.2	3.8	2.0	1.2	1.5	1.7	-0.4	1.9	1.7
Mar	1.9	-1.9	1.3	9.8	2.6	-10.0	-1.0	3.2	2.0	4.9	3.6	3.0	4.0	-2.2	1.3	3.2	0.7	1.1	1.3	1.8	-1.7	0.4	-3.2
Apr	1.3	-1.7	-1.0	0.1	-0.8	-3.9	0.2	2.4	1.7	4.0	2.9	1.9	5.5	-2.1	1.4	1.6	0.2	0.9	0.8	2.0	-1.3	-0.1	-2.8

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](mailto:gdp@ons.gov.uk)

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

Percentage change, latest 3 months on previous 3 months

2017 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
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

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

2017 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
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

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.

Section	Industry sections (SIC2007)																							
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction <sup>4</sup>	Total service industries	Wholesale and retail: motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services	
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
<b>2016 weights</b>	<b>1000</b>	<b>7</b>	<b>138</b>	<b>10</b>	<b>100</b>	<b>17</b>	<b>10</b>	<b>60</b>	<b>796</b>	<b>104</b>	<b>43</b>	<b>30</b>	<b>63</b>	<b>73</b>	<b>138</b>	<b>75</b>	<b>48</b>	<b>47</b>	<b>59</b>	<b>75</b>	<b>15</b>	<b>21</b>	<b>4</b>	
<b>Percentage change, latest month on previous month</b>																								
2017 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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.0
<b>Percentage change, latest month on same month a year ago</b>																								
2017 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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.0

<sup>1</sup> The GVA output is designated as a National Statistic.

<sup>2</sup> Estimates cannot be regarded as accurate to the last digit shown.

<sup>3</sup> Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.

<sup>4</sup> 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.

**CONTRIB 1** Monthly GDP based on GVA (Gross Value Added) <sup>1</sup>  
Contributions to growth of gross value added at basic prices <sup>2,3,4</sup>

seasonally adjusted 2016=100

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

**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 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	-0.01	0.02	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	-0.01	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	0.17	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	0.05	0.02	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	0.27	0.00	-0.05	-0.01	-0.01	-0.02	-0.01	-0.06	0.38	0.09	0.04	0.04	0.05	-0.07	0.08	0.04	0.01	0.00	0.04	0.07	-0.01	0.00	0.00
Feb	0.30	-0.01	0.05	0.01	0.07	-0.02	-0.01	-0.04	0.30	0.07	0.01	0.04	0.09	-0.05	0.07	-0.03	0.01	0.00	0.03	0.04	-0.01	0.01	0.00
Mar	0.50	-0.01	0.19	0.03	0.22	-0.04	-0.02	0.06	0.26	0.12	-0.02	0.03	0.10	-0.03	0.04	-0.05	0.02	0.01	0.02	0.02	-0.01	0.02	0.00
Apr	0.27	-0.01	0.10	0.04	0.11	-0.04	-0.01	0.02	0.16	0.09	-0.02	0.00	0.06	-0.02	0.03	-0.03	0.02	0.01	0.01	0.01	-0.02	0.01	0.00

**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 Apr	2.43	0.02	0.15	0.00	0.19	-0.10	0.06	0.50	1.76	0.30	0.14	0.13	0.47	0.17	0.02	0.30	0.14	-0.01	0.04	-0.03	0.03	0.10	-0.03
May	2.54	0.02	0.09	0.01	0.15	-0.11	0.04	0.50	1.92	0.26	0.14	0.12	0.52	0.13	0.09	0.30	0.20	0.01	0.05	-0.02	0.04	0.13	-0.04
Jun	2.53	0.02	0.10	0.01	0.14	-0.08	0.03	0.45	1.96	0.26	0.09	0.10	0.58	0.08	0.15	0.29	0.21	0.02	0.04	-0.01	0.05	0.14	-0.05
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	0.39	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	0.38	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	1.43	-0.02	-0.07	0.11	-0.11	-0.05	0.00	-0.01	1.51	0.40	0.13	0.10	0.30	-0.14	0.18	0.28	-0.01	0.05	0.07	0.13	0.00	0.00	0.02
Feb	1.59	-0.02	0.00	0.13	-0.03	-0.07	0.00	0.04	1.56	0.41	0.13	0.12	0.34	-0.15	0.18	0.26	0.01	0.05	0.08	0.13	-0.01	0.01	0.01
Mar	1.85	-0.01	0.08	0.08	0.12	-0.11	0.00	0.17	1.61	0.46	0.13	0.11	0.35	-0.15	0.17	0.23	0.04	0.05	0.08	0.13	-0.02	0.02	0.00
Apr	1.78	-0.01	0.03	0.07	0.10	-0.13	0.00	0.18	1.57	0.45	0.14	0.10	0.35	-0.15	0.17								



**CONTRIB 2** Monthly GDP based on GVA (Gross Value Added)<sup>1</sup>  
Contributions to growth of gross value added at basic prices<sup>2,3,4</sup>

seasonally adjusted 2016=100

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

**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
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
	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
	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	0.00	-0.01	0.01	-0.03	0.02
	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	0.03	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	-0.08	-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	0.01	0.02	0.01	0.00	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	-0.03	0.02	0.03	0.01	0.00	0.01	0.03	0.01	-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	0.53	-0.01	0.14	0.00	0.15	0.00	-0.02	0.20	0.20	0.15	-0.03	0.03	0.07	0.00	-0.01	-0.07	0.03	0.01	0.01	0.00	-0.01	0.03	0.00
	Feb	0.24	0.00	0.08	0.04	0.10	-0.05	0.00	0.03	0.13	0.01	-0.01	0.00	0.01	0.00	0.01	0.04	0.04	0.00	0.00	0.00	0.00	0.02	0.00
	Mar	-0.11	0.00	0.09	0.01	0.09	-0.01	0.00	-0.12	-0.08	0.03	0.00	-0.03	-0.06	-0.01	0.02	0.01	-0.02	0.00	0.00	0.01	-0.01	-0.03	0.00
	Apr	-0.41	0.00	-0.38	-0.03	-0.39	0.05	0.00	-0.02	-0.02	0.00	0.01	-0.01	0.08	-0.01	0.01	-0.06	-0.01	0.00	-0.02	0.00	0.00	-0.02	0.00

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

		EDLE	EDLF	EDLG	EDLH	EDLI	EDLJ	EDLK	EDLL	EDLM	EDLN	EDLO	EDLP	EDLQ	EDLR	EDLS	EDLT	EDLU	EDLV	EDLW	EDLX	EDLY	EDLZ	EDMA
2017	Apr	2.13	0.02	-0.08	-0.01	0.04	-0.15	0.04	0.40	1.79	0.29	0.09	0.15	0.54	0.13	0.09	0.19	0.08	0.01	0.07	-0.02	0.07	0.14	-0.05
	May	2.59	0.02	0.13	0.01	0.15	-0.05	0.02	0.47	1.98	0.18	0.12	0.10	0.54	0.08	0.18	0.32	0.28	0.03	0.02	0.00	0.04	0.15	-0.06
	Jun	2.85	0.02	0.24	0.03	0.23	-0.05	0.03	0.48	2.10	0.33	0.06	0.05	0.66	0.03	0.18	0.38	0.26	0.02	0.03	-0.01	0.03	0.13	-0.05
	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	1.55	-0.02	0.00	0.04	-0.02	-0.01	0.00	0.12	1.43	0.46	0.10	0.10	0.37	-0.16	0.17	0.14	-0.02	0.05	0.09	0.12	-0.02	0.02	0.01
	Feb	2.09	-0.01	0.05	0.08	0.12	-0.13	0.00	0.20	1.84	0.42	0.13	0.15	0.43	-0.15	0.16	0.30	0.10	0.05	0.09	0.12	-0.01	0.04	0.01
	Mar	1.92	-0.01	0.18	0.13	0.27	-0.19	-0.01	0.19	1.55	0.51	0.15	0.09	0.26	-0.15	0.1								