

Statistical bulletin

GDP monthly estimate, UK: February 2020

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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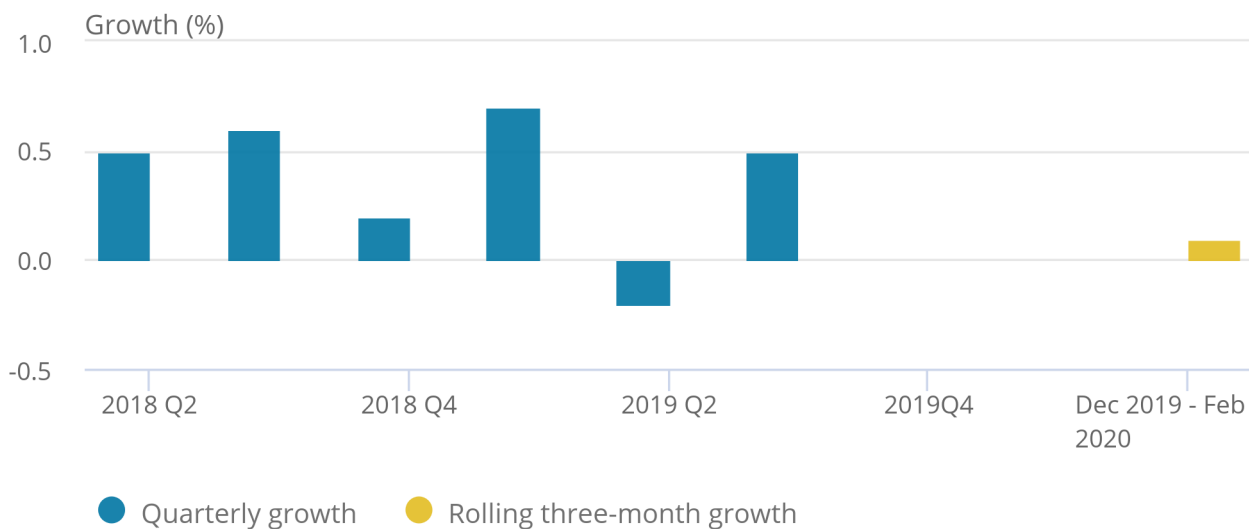
1 . UK GDP grew by 0.1% in the three months to February 2020

Figure 1: GDP grew by 0.1% in the three months to February 2020, following no growth in the three months to January 2020

UK gross domestic product (GDP) growth, Quarter 2 (Apr to June) 2018 until December 2019 to February 2020

Figure 1: GDP grew by 0.1% in the three months to February 2020, following no growth in the three months to January 2020. Growth in Quarter 4 (Oct to Dec) 2019 and rolling three-month period to February 2020 was 0.0%.

UK gross domestic product (GDP) growth, Quarter 2 (Apr to June) 2018 until December 2019 to February 2020



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 gross domestic product (GDP) in a three-month period with GDP in the previous three-month period. For example, GDP in December to February compared with the previous September to November.

The most recent month featured in this release is February 2020, which was before the full direct effects of the coronavirus (COVID-19) pandemic took hold. However, there was some anecdotal evidence that there were some small positive and negative indirect effects in the data collected, although the number of negative impacts was greater.

Although gross domestic product (GDP) and its top-level components were largely unaffected, some small negative impacts could be seen in certain industries, such as travel agents and tour operators within services and manufacture of transport equipment within production. The small impacts that can be seen within the production data can also be seen to some degree in the [UK trade data](#), also released today.

For more information on these impacts, please see the Index of Services, Index of Production and UK trade bulletins in the [Related links section](#) of this bulletin.

Statistician's comment

Commenting on today's GDP figures for the three months to February:

"Today's figures show that in the three months to February, which was before the full effects of Coronavirus took hold, the economy continued to show little to no growth.

"Most elements of the services sector grew, though manufacturing continued to decline. Construction saw a notable fall in February, as wet weather and flooding hampered housebuilding.

"The underlying trade balance moved into surplus in the latest 3-months, the first seen since comparable records began over 20 years ago. This surplus was caused by a large fall in goods imported from EU countries."

Rob Kent-Smith, Head of GDP, Office for National Statistics

2 . The services sector was the only positive contribution to GDP growth in the three months to February 2020

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

	Rolling three-month growth (%)	Contribution to growth (percentage points)
Index of Services	0.2%	0.15pp
Index of Production	-0.6%	-0.08pp
Construction	-0.2%	-0.01pp

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 December to February compared with the previous September to November. [Back to table](#)

The services sector made the only positive contribution to gross domestic product (GDP) growth in the three months to February 2020, growing by 0.2%. Meanwhile, the production and construction sectors fell by 0.6% and 0.2%, respectively, in the same period. This is the 10th consecutive rolling three-month decline in the production sector.

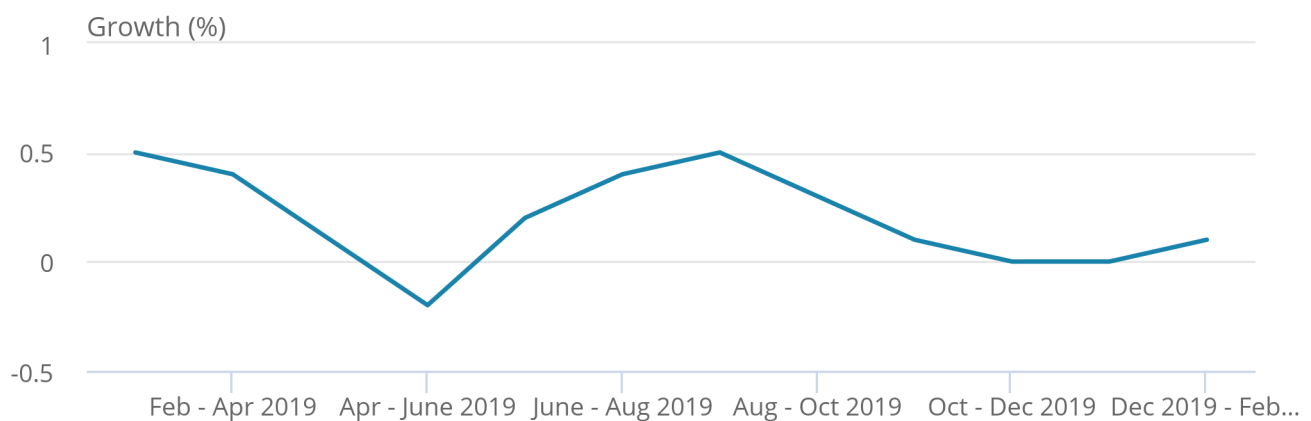
3 . Rolling three-month growth was 0.1% in the three months to February 2020

Figure 2: GDP grew by 0.1% in the three months to February, following two periods of flat output

Growth, three months on previous three months, UK, January to March 2019 until December 2019 to February 2020

Figure 2: GDP grew by 0.1% in the three months to February, following two periods of flat output

Growth, three months on previous three months, UK, January to March 2019 until December 2019 to February 2020



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 December to February compared with the previous September to November.

Rolling three-month growth was 0.1% in February 2020, following two periods of flat output. This followed a period of volatility throughout 2019, in part linked to changes in the timing of activity around the two originally planned departure dates of the UK from the EU in March and October 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 gross domestic product (GDP), which include information on the expenditure and income approaches to measuring GDP.

4 . GDP fell by 0.1% in the month of February 2020

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

	December 2019	January 2020	February 2020
GDP	0.2%	0.1%	-0.1%
Index of Services	0.2%	0.1%	0.0%
Index of Production	-0.2%	0.2%	0.1%
Manufacturing	0.1%	0.4%	0.5%
Construction	-0.2%	-0.2%	-1.7%
Agriculture	0.0%	-0.1%	-0.1%

Source: Office for National Statistics - GDP monthly estimate

Monthly gross domestic product (GDP) fell by 0.1% in February 2020. This contraction was caused by a large fall in the construction sector, despite a good performance from manufacturing for the second month in a row.

This release gives revisions to monthly GDP back to January 2019, bringing the months in line with the quarterly revisions that were released as part of the [quarterly national accounts on 31 March 2020](#). Alongside the small revisions throughout 2019, January 2020 has also been open to revision for the first time, to take on new survey returns. It is worth noting that there have been large upward revisions to the production and construction data in January, resulting in an upward revision to GDP in the month of January of 0.1 percentage points.

The monthly growth rate for GDP is volatile. It should therefore 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.

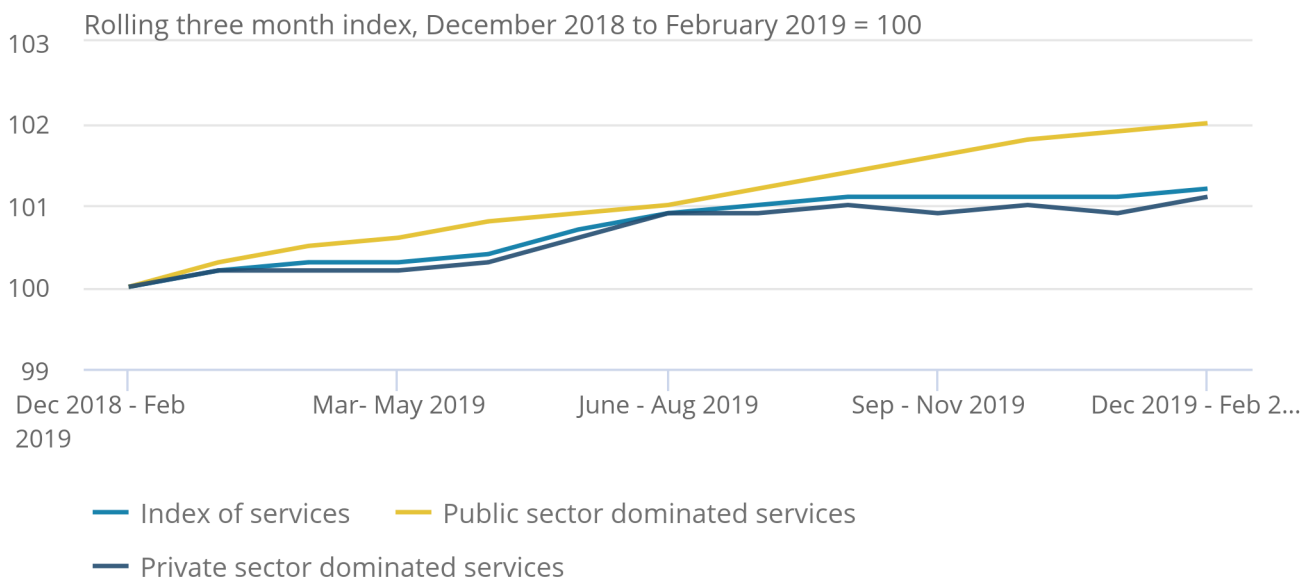
5 . The services sector grew by 0.2% in the three months to February 2020

Figure 3: Public sector-dominated services grew faster than private sector-dominated services over the last year

Rolling three-month index, UK, December 2018 to February 2019 until December 2019 to February 2020, December 2018 to February 2019 = 100

Figure 3: Public sector-dominated services grew faster than private sector-dominated services over the last year

Rolling three-month index, UK, December 2018 to February 2019 until December 2019 to February 2020, December 2018 to February 2019 = 100



Source: Office for National Statistics – GDP monthly estimate

Notes:

1. Rolling three-month estimates are calculated by comparing gross domestic product (GDP) in a three-month period with GDP in the previous three-month period. For example, GDP in December to February compared with the previous September to November.
2. Public sector-dominated services comprise of public administration and defence, education, and human health and social work activities.
3. Private sector-dominated services comprise of all other services.

Rolling three-month services growth was 0.2% in February 2020, following zero growth in the three months to January 2020. Several sub-industries contributed to this growth, the largest of which was education. Public sector-dominated industries such as education have shown strong growth over the last year, performing better than private sector-dominated services as a whole.

In the month of February 2020, the services sector was flat, following growth of 0.1% in January 2020. Positive contributions from computer programming and accounting were offset by falls in both wholesale and warehousing.

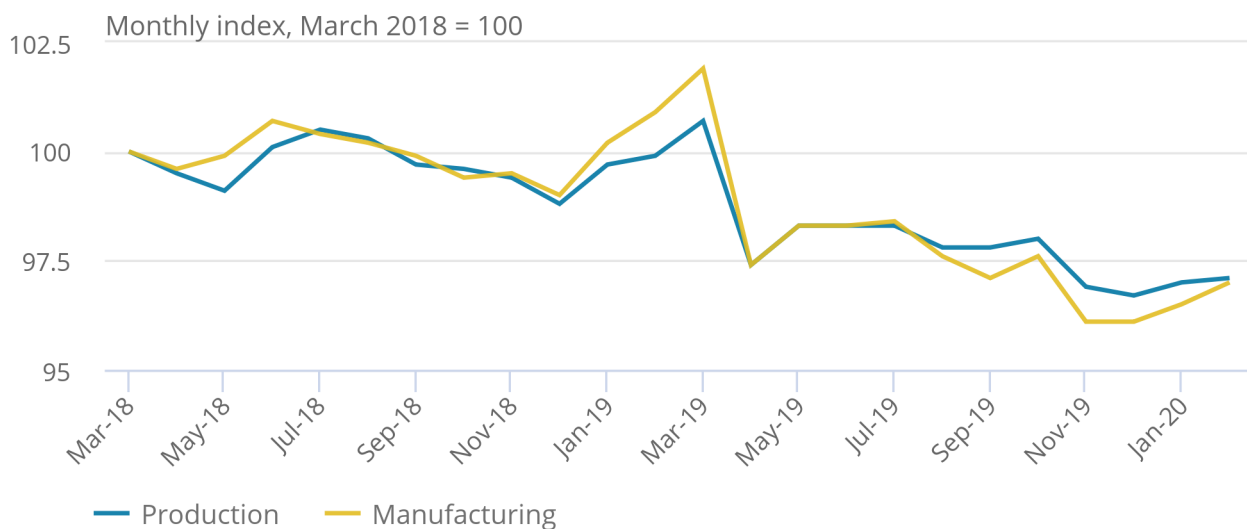
6 . Production fell by 0.6% in the three months to February 2020

Figure 4: Despite positive growth in the most recent two months, production and manufacturing have shown longer-term weakening

Monthly index, March 2018 until February 2020, March 2018 = 100

Figure 4: Despite positive growth in the most recent two months, production and manufacturing have shown longer-term weakening

Monthly index, March 2018 until February 2020, March 2018 = 100



Source: Office for National Statistics – GDP monthly estimate

Rolling three-month output in the production sector fell by 0.6% in February 2020, with manufacturing falling by 0.4%. There were widespread falls across manufacturing industries. The most notable were within the manufacture of transport equipment, which fell by 1.9% mainly because of weaker exports to China impacted by the coronavirus (COVID-19); and machinery and equipment not elsewhere classified, which fell by 3.4%. Elsewhere, energy production along with mining and quarrying fell, while water supply increased.

Production grew by 0.1% in the month of February 2020, following growth of 0.2% in January 2020. Within production, manufacturing grew by 0.5%. The largest cause of this increase was the often-volatile pharmaceutical sub-industry, which increased by 3.5%.

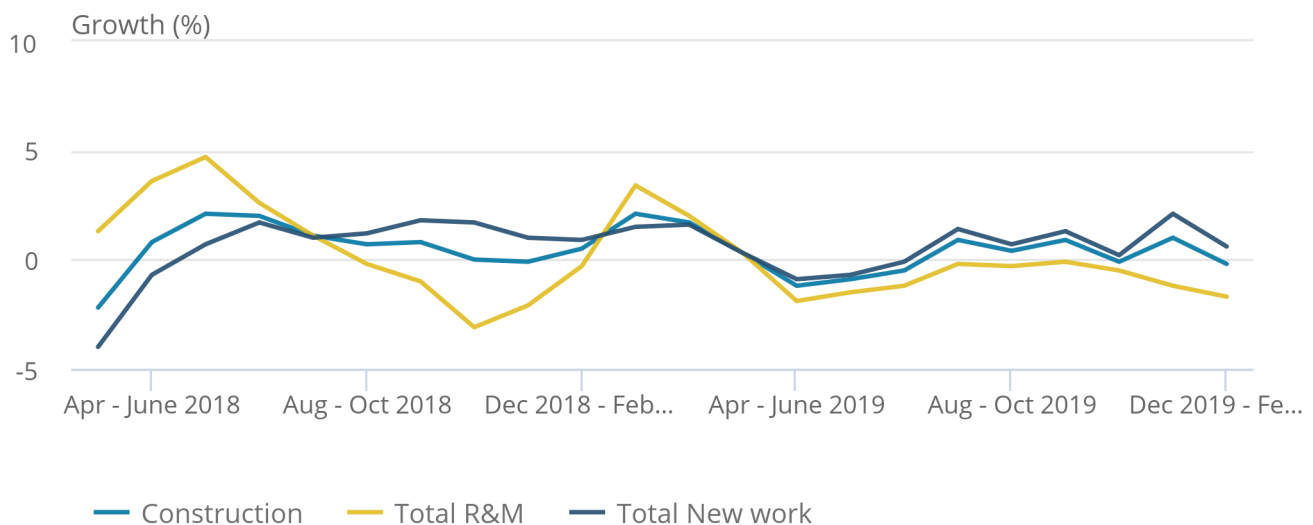
7 . Growth in the construction sector fell by 0.2% in the three months to February 2020

Figure 5: Repair and maintenance work consistently fell over the last six months, despite growth in new work over the same period

Growth, three months on previous three months, UK, March to May 2018 until December 2019 to February 2020

Figure 5: Repair and maintenance work consistently fell over the last six months, despite growth in new work over the same period

Growth, three months on previous three months, UK, March to May 2018 until December 2019 to February 2020



Source: Office for National Statistics, GDP monthly estimate and Construction output in Great Britain

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 December to February compared with the previous September to November.

Rolling three-month growth in the construction sector was negative 0.2% in February 2020, following downwardly revised growth of 1.0% in January 2020. This fall was caused by private housing repair and maintenance, which fell by 5.6%.

Month-on-month output in construction fell by 1.7% in February 2020, following a fall of 0.2% in January 2020. The largest contributor to this monthly fall was private new housing, which fell by 7.7%. The monthly fall in construction is likely to have been in part impacted by the [adverse weather seen throughout February](#).

8 . Things you need to know about this release

Revisions

This release incorporates revisions back to 2019 as published in the [March quarterly national accounts release](#) for the period January 2019 to December 2019. January 2020 is also open to revision, taking on updated survey data.

Coronavirus (COVID-19)

In response to the developing coronavirus (COVID-19) pandemic, we are working to ensure that we continue to publish economic statistics. For more information, please see [COVID-19 and the production of statistics](#). In line with the current government guidelines, we are encouraging Office for National Statistics (ONS) staff to work from home and to avoid unnecessary travel and social contact. We have an established infrastructure to help mitigate these changes to ensure we continue to produce economic statistics. We will continue to review our mitigation as events unfold.

Data in this statistical bulletin and accompanying datasets relate to February 2020 and are largely unaffected by recent developments. Our latest data and analysis on the impact of COVID-19 on the UK economy and population is now available on a [new webpage](#). This will be the hub for all special virus-related publications, drawing on all available data.

To aid this interpretation, the ONS will publish an [article](#) (due for publication on 30 April) outlining the conceptual and practical challenges in producing gross domestic product (GDP) and its components.

Identifying recessions

Early estimates of GDP are subject to uncertainty, with more mature estimates leading to revisions as we receive more comprehensive data from a wide range of survey and administrative sources. On 16 April, we will be publishing an article in the Economic Review that will outline our latest thinking and analysis on how we communicate the uncertainty associated with changes in the economy. Typically, most interest in the uncertainty associated with estimating GDP comes around turning points in the economy. As such, this will be a central focus of the paper.

9 . Quality and methodology

Quality and methodology information on strengths, limitations, appropriate uses, and how the data were created is available in the [Gross domestic product \(GDP\) QMI](#).

10 . Related links

[Construction output in Great Britain: February 2020](#)

Bulletin | Released 9 April 2020

Short-term measures of output by the construction industry in Great Britain and contracts awarded for new construction work in Great Britain.

[Index of Production, UK: February 2020](#)

Bulletin | Released 9 April 2020

Movements in the volume of production for the UK production industries: manufacturing, mining and quarrying, energy supply, and water and waste management.

[Index of Services, UK: February 2020](#)

Bulletin | Released 9 April 2020

Monthly movements in output for the services industries.

[GDP quarterly national accounts, UK: October to December 2019](#)

Bulletin | Released 31 March 2020

Revised quarterly estimate of gross domestic product (GDP) for the UK. Uses additional data to provide a more precise indication of economic growth than the first estimate.

[UK Trade: February 2020](#)

Bulletin | Released 9 April 2020

Total value of UK exports and imports of goods and services in current prices, chained volume measures and implied deflators.

Industry sections (SIC2007)

Section	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction ⁶	Total service industries	Wholesale and retail: 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
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
2015	98.1	105.9	98.9	102.0	99.8	96.4	93.3	96.2	98.0	95.9	101.3	98.5	94.8	96.3	98.0	96.7	98.1	102.0	100.8	98.4	101.6	106.5	84.0
2016	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2017	102.0	105.7	101.7	101.7	102.2	98.2	102.0	106.4	101.7	102.5	101.8	102.4	104.8	99.1	99.0	104.5	104.0	100.8	101.2	101.0	103.2	101.1	101.6
2018	103.7	102.5	102.5	107.1	103.1	96.7	102.5	106.4	103.7	105.7	103.6	104.9	110.1	98.1	99.6	109.7	108.1	101.6	101.9	101.5	104.6	101.6	105.4
2019	105.1	101.3	101.1	106.8	101.4	94.1	103.9	108.9	105.5	108.8	106.0	107.0	116.1	95.1	100.2	112.2	111.2	103.8	104.6	103.3	105.3	101.3	95.5
	ECY2	ECY3	ECY4	ECY5	ECY6	ECY7	ECY8	ECY9	ECYC	ECYD	ECYG	ECYH	ECYI	ECYJ	ECYK	ECYL	ECYP	ECYQ	ECYR	ECYS	ECYT	ECYU	ECYV
2018 Feb	102.7	103.1	102.9	102.5	103.6	101.2	99.6	105.5	102.4	103.8	101.4	102.1	106.2	99.4	99.5	107.1	105.9	100.8	101.1	101.3	103.0	100.5	102.1
2018 Mar	102.7	102.7	102.8	99.5	103.1	103.5	101.1	103.6	102.7	103.0	100.9	103.0	108.2	99.2	99.6	108.0	106.4	100.8	101.3	101.3	103.9	102.5	104.5
2018 Apr	103.1	102.5	102.3	108.2	102.7	98.7	100.4	104.9	103.1	104.2	101.8	104.0	108.6	99.0	99.7	109.0	107.0	100.9	101.5	101.2	104.6	102.1	104.9
2018 May	103.4	102.4	101.9	106.5	103.0	91.7	101.9	106.3	103.5	106.2	103.0	104.7	108.8	98.6	99.8	109.0	107.0	101.2	101.7	101.1	104.7	102.2	104.3
2018 Jun	103.7	101.9	102.9	106.4	103.8	94.3	104.6	107.1	103.6	106.0	104.0	105.3	109.0	98.2	99.7	108.8	108.6	101.7	101.8	101.2	104.7	102.9	105.3
2018 Jul	104.0	101.7	103.2	111.1	103.5	97.2	104.3	107.2	103.9	107.2	104.1	105.9	109.1	97.9	99.7	110.2	108.4	102.1	101.8	101.2	103.4	102.5	106.5
2018 Aug	104.1	101.8	103.1	112.1	103.3	97.0	104.0	106.8	104.1	107.1	104.5	104.7	111.8	97.6	99.6	110.3	108.4	102.4	101.9	101.5	103.9	102.6	107.7
2018 Sep	104.1	102.4	102.5	108.0	103.0	94.9	104.3	107.6	104.2	106.3	104.6	105.1	113.3	97.4	99.5	110.7	108.0	102.3	102.1	101.8	104.9	101.0	107.6
2018 Oct	104.4	103.0	102.4	111.4	102.5	96.2	103.7	108.2	104.5	106.9	105.3	106.3	112.1	97.2	99.8	111.4	110.0	102.1	102.4	101.9	106.4	101.2	107.6
2018 Nov	104.6	103.0	102.2	107.9	102.6	95.7	103.2	107.8	104.8	107.8	105.5	107.2	112.9	96.9	99.7	112.0	110.1	102.1	102.7	102.0	105.6	100.3	106.5
2018 Dec	104.2	102.0	101.6	107.3	102.1	94.6	102.9	105.7	104.5	106.6	105.6	106.8	113.8	96.4	99.8	110.9	109.4	102.5	103.1	102.2	106.8	99.3	105.8
2019 Jan	104.8	101.8	102.5	105.2	103.3	96.4	102.0	108.9	104.8	108.2	105.9	107.8	115.3	95.8	99.9	109.7	110.6	103.0	103.3	102.3	105.4	98.5	104.4
2019 Feb	105.0	101.5	102.7	107.5	104.0	92.4	101.6	110.6	105.0	108.1	105.9	108.0	115.3	95.2	99.9	111.1	111.2	103.4	103.6	102.5	105.0	99.3	101.6
2019 Mar	105.1	101.4	103.5	108.7	105.1	91.8	102.0	109.0	105.1	108.8	106.1	107.1	114.6	94.8	100.0	111.2	111.4	103.6	103.9	102.7	105.4	99.3	96.7
2019 Apr	104.5	101.2	100.1	105.5	100.4	94.7	101.4	108.3	105.0	108.9	106.3	106.5	115.8	94.4	100.1	110.5	110.4	103.6	104.3	102.7	103.8	99.0	95.1
2019 May	104.8	101.1	101.1	106.8	101.3	94.7	104.1	108.8	105.1	109.0	105.7	106.3	115.5	94.6	100.3	110.6	111.0	103.6	104.5	102.9	103.4	100.1	93.6
2019 Jun	105.0	101.1	101.1	106.5	101.3	94.8	104.4	107.3	105.5	108.5	105.1	108.8	117.0	95.0	100.2	112.3	110.6	103.5	104.7	103.2	106.5	100.5	95.8
2019 Jul	105.4	101.2	101.0	105.8	101.4	94.0	104.0	108.7	105.9	109.0	107.1	107.6	117.5	95.4	100.2	112.9	112.2	103.4	104.8	103.5	104.5	102.0	97.0
2019 Aug	105.2	101.3	100.4	106.1	100.6	92.8	105.2	108.6	105.8	109.3	106.0	106.5	116.0	95.7	100.3	113.5	111.1	103.4	104.8	103.9	106.8	102.6	97.0
2019 Sep	105.3	101.3	100.5	113.2	100.1	92.7	105.9	110.0	105.8	109.1	105.6	105.9	117.6	95.2	100.4	113.4	110.6	103.4	105.0	104.0	104.3	103.2	94.6
2019 Oct	105.5	101.3	100.7	105.9	100.6	95.3	104.8	107.4	106.2	109.7	106.7	105.6	117.4	95.6	100.6	114.3	111.5	104.8	105.2	103.9	104.2	103.6	90.7
2019 Nov	105.2	101.3	99.6	106.6	99.1	95.6	105.1	109.9	105.8	108.5	105.5	106.7	115.5	94.6	100.5	113.3	112.0	104.8	105.6	103.9	107.2	103.7	88.9
2019 Dec	105.3	101.4	99.4	103.9	99.1	93.8	106.1	109.7	106.0	108.4	106.0	107.4	116.4	94.6	100.7	114.0	112.2	104.8	105.8	103.9	107.1	103.9	89.9
2020 Jan	105.5	101.3	99.7	105.1	99.5	91.6	107.4	109.5	106.2	109.5	107.5	107.6	114.1	94.9	100.9	113.6	112.8	104.9	106.2	103.9	106.9	105.3	90.5
2020 Feb	105.4	101.1	99.8	104.0	100.0	90.8	106.0	107.6	106.2	108.8	105.3	107.3	115.0	95.2	101.1	114.8	111.8	105.0	106.3	104.0	106.7	104.8	91.2
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
2015	2.2	1.0	1.0	5.1	-0.1	2.2	4.6	4.0	2.2	3.9	0.9	4.4	5.6	-3.8	2.8	4.8	5.0	-2.4	1.1	1.7	0.8	4.0	0.3
2016	1.9	-5.5	1.1	-2.0	0.2	3.7	7.1	3.9	2.0	4.2	-1.3	1.5	5.4	3.8	2.0	3.4	1.9	-1.9	-0.8	1.6	-1.6	-6.1	19.0
2017	2.0	5.7	1.7	1.7	2.2	-1.8	2.0	6.4	1.7	2.5	1.8	2.4	4.8	-0.9	-1.0	4.5	4.0	0.8	1.2	1.0	3.2	1.1	1.6
2018	1.6	-3.0	0.8	5.3	0.9	-1.6	0.5	0.0	2.0	3.2	1.8	2.5	5.1	-1.1	0.6	4.9	3.9	0.9	0.7	0.4	1.4	0.4	3.7
2019	1.4	-1.2	-1.4	-0.3	-1.7	-2.7	1.4	2.3	1.8	2.9	2.3	2.0	5.5	-3.0	0.6	2.3	2.9	2.1	2.7	1.8	0.6	-0.2	-9.4
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
2018 Feb	0.4	-1.8	-0.1	-8.2	0.5	1.1	-1.5	1.1	0.5	0.2	-0.2	1.1	0.7	0.7	0.4	1.4	1.2	0.1	-0.1	0.5	0.3	-0.9	-0.3
2018 Mar	0.2	-2.0	-0.1	1.5	-0.2	1.6	-1.8	-1.8	0.4	0.3	-0.5	0.7	0.1	1.1	0.4	1.4	0.2	-0.1	0.1	0.6	-0.3	0.4	1.8
2018 Apr	0.0	-1.9	-0.2	3.6	-0.8	3.2	-0.7	-2.9	0.3	0.5	-0.6	0.2	0.3	0.8	0.4	0.6	-0.7	-0.1	0.3	0.3	0.0	0.6	2.4
2018 May	0.2	-1.4	-0.5	6.9	-1.0	-1.1	0.8	-2.2	0.5	1.0	0.0	1.1	1.2	0.1	0.3	1.0	-0.1	0.1	0.5	0.0	0.7	1.4	2.7
2018 Jun	0.6	-1.0	-0.4	4.8	-0.4	-5.1	2.2	0.8	0.8	1.9	1.4	1.7	1.4	-0.6	0.2	0.9	0.8	0.4	0.6	-0.1	1.1	0.9	1.9
2018 Jul	0.9	-0.8	0.0	4.4	0.3	-6.7	3.2	2.1	0.9	2.7	2.3	2.2	1.2	-1.0	0.1	1.2	1.4	0.8	0.5	0.0	0.4	0.8	1.5
2018 Aug	0.8	-0.7	0.7	4.9	0.5	-1.8	3.1	2.0	0.8	2.2	2.2	1.4	1.3	-1.1	0.0	1.0	1.5	1.1	0.3	0.1	-0.4	0.4	1.9
2018 Sep	0.7	-0.3	0.6	3.2	0.1	1.6	1.8	1.1	0.7	1.4	1.4	0.5	2.4	-1.0	-0.1	1.3	0.6	1.0	0.3	0.3	-0.6	-0.4	2.3
2018 Oct	0.5	0.4	0.0	2.3	-0.5	1.7	0.4	0.7	0.6	0.3	1.0	0.0	3.1	-0.9	-0.1	1.4	0.7	0.6	0.4	0.5	0.8	-0.9	2.1
2018 Nov	0.4	1.0	-0.7	-0.7	-0.8	-0.6	-0.6	0.8	0.6	0.2	-0.9	0.9	2.5	-0.8	0.0	1.5	0.9	0.1	0.6	0.6	1.6	-1.8	0.7
2018 Dec	0.3	0.7	-0.9	-1.4	-0.8	-0.9	-0.9	0.0	0.5	0.2	1.0	1.5	1.4	-0.8	0.1	1.0	1.5	0.0	0.8	0.5	2.1	-1.7	-0.6
2019 Jan	0.3	-0.2	-0.5	-3.3	-0.3	-0.5	-1.3	-0.1	0.4	0.7	0.8	1.8	1.4	-1.1	0.1	0.1	1.1	0.2	0.9	0.5	0.8	-2.2	-2.0
2019 Feb	0.3	-1.0	-0.1	-2.2	0.4	-																	

Industry sections (SIC2007)

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

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

	ED9T	ED9U	ED9V	ED9W	EDGQ	EDGR	EDGS	EDGT	EDGU	EDGV	EDGW	EDGX	EDGY	EDGZ	EDHA	EDHB	EDHC	EDHD	EDHE	EDHF	EDHG	EDHH	EDHI
2018 Feb	1.4	-0.4	0.9	-2.9	1.8	-0.4	-2.9	2.1	1.4	1.5	0.7	1.0	5.3	-1.1	-0.4	4.6	4.8	0.7	-0.1	0.4	1.5	1.0	4.9
Mar	1.3	-2.2	1.5	1.2	2.1	2.7	-4.2	-0.7	1.4	1.7	-0.5	0.7	5.6	-0.7	0.2	4.7	3.8	0.4	-0.4	0.3	0.4	2.0	5.1
Apr	1.3	-2.9	1.8	3.3	1.9	5.1	-2.9	-1.4	1.5	1.6	-0.7	0.2	5.0	-0.7	0.5	5.3	4.3	0.2	-0.2	0.1	0.3	1.6	4.2
May	1.4	-3.1	1.6	4.1	1.8	1.2	-0.9	-1.3	1.7	2.4	0.0	1.1	5.0	-0.9	0.7	5.5	4.3	0.0	0.2	-0.2	0.6	0.8	3.3
Jun	1.6	-3.2	1.4	5.0	1.8	-3.5	2.0	-0.2	1.9	3.2	1.5	2.0	3.9	-1.0	0.8	5.4	5.0	0.2	0.4	-0.3	1.6	0.7	2.1
Jul	1.8	-3.6	1.5	4.9	1.9	-4.4	2.9	0.9	2.0	4.1	2.4	2.4	3.7	-1.2	0.9	5.0	4.3	0.7	0.6	-0.2	1.9	1.2	1.2
Aug	2.0	-4.0	1.7	6.5	1.8	-2.3	3.6	0.8	2.1	4.0	2.9	2.6	4.2	-1.3	0.8	5.0	4.4	1.2	0.7	0.1	1.7	1.1	1.7
Sep	1.9	-4.1	1.1	6.9	1.0	-2.3	2.9	0.8	2.2	4.0	2.7	2.7	5.5	-1.3	0.8	4.9	3.7	1.6	0.8	0.4	1.4	0.0	2.3
Oct	1.9	-3.6	0.3	5.6	0.0	-2.1	2.5	1.4	2.3	3.6	2.8	3.6	5.8	-1.1	0.8	4.9	3.6	1.5	1.0	0.9	1.8	-0.8	4.2
Nov	1.9	-2.9	-0.5	2.3	-0.7	-2.4	1.8	1.6	2.4	3.7	3.0	4.5	5.8	-1.1	0.7	5.0	3.4	1.3	1.3	1.3	2.2	-1.0	5.0
Dec	1.8	-2.5	-0.9	8.2	-1.4	-3.1	1.3	0.0	2.4	3.9	3.3	4.5	5.5	-1.3	0.6	4.8	3.1	1.3	1.7	1.4	2.3	-0.8	5.5
2019 Jan	1.6	-2.4	-0.7	7.0	-1.2	-2.5	1.6	-0.3	2.2	4.2	3.6	4.3	6.2	-2.1	0.5	3.2	2.7	1.5	2.0	1.2	2.1	-1.7	4.1
Feb	1.7	-2.1	-0.5	8.8	-0.8	-4.6	1.8	1.0	2.2	4.1	3.9	4.6	7.1	-3.1	0.5	2.8	3.2	2.0	2.3	1.2	2.0	-1.8	2.0
Mar	2.1	-1.6	0.1	4.9	0.5	-6.5	1.7	4.0	2.3	4.8	4.4	4.6	7.3	-3.9	0.4	2.6	4.1	2.5	2.5	1.2	1.7	-2.5	-1.9
Apr	2.0	-1.4	-0.5	3.7	0.1	-8.1	1.3	4.4	2.3	4.8	4.7	4.1	7.0	-4.4	0.4	2.7	4.2	2.7	2.6	1.4	0.9	-2.4	-5.8
May	1.7	-1.3	-0.7	2.2	-0.7	-4.4	1.3	3.6	2.0	4.3	4.0	2.7	6.2	-4.4	0.4	1.9	3.8	2.6	2.7	1.5	-0.2	-2.8	-9.0
Jun	1.3	-1.1	-1.6	-0.7	-2.1	-0.2	1.0	1.9	1.8	3.2	2.7	2.4	6.7	-4.0	0.5	2.0	2.9	2.3	2.8	1.7	-0.1	-2.5	-9.5
Jul	1.3	-0.8	-1.6	-1.5	-2.1	0.1	0.6	1.3	1.8	2.3	2.2	2.1	7.0	-3.3	0.5	2.4	3.0	1.8	2.8	2.0	0.5	-1.6	-9.4
Aug	1.2	-0.6	-2.1	-3.4	-2.3	-2.4	0.2	1.1	1.8	2.1	1.8	2.2	6.2	-2.6	0.5	2.8	2.6	1.4	2.9	2.2	1.9	-0.9	-9.3
Sep	1.2	-0.7	-2.2	-1.8	-2.5	-3.3	0.8	1.7	1.7	2.1	1.8	1.3	5.0	-2.3	0.7	2.6	2.8	1.1	2.8	2.3	1.1	0.6	-10.3
Oct	1.1	-1.1	-2.1	-1.9	-2.4	-2.5	1.2	1.0	1.6	2.5	1.2	0.6	4.1	-2.0	0.8	2.6	2.1	1.6	2.8	2.2	0.0	1.5	-12.5
Nov	0.9	-1.4	-2.0	-0.5	-2.7	-1.1	1.5	1.1	1.4	2.0	0.8	-0.1	3.6	-2.1	0.8	2.1	1.8	2.1	2.7	2.0	-0.4	2.6	-14.7
Dec	0.9	-1.3	-2.1	-3.1	-2.7	-0.6	2.0	1.7	1.4	1.6	0.6	-0.2	3.1	-1.9	0.9	2.2	1.9	2.5	2.7	1.8	-0.1	3.5	-15.7
2020 Jan	0.8	-0.9	-2.5	-1.5	-3.3	-2.0	3.4	2.1	1.2	1.1	0.6	0.0	1.2	-1.7	0.9	2.5	2.1	2.3	2.7	1.7	1.1	5.0	-14.9
Feb	0.7	-0.5	-2.6	-2.2	-3.5	-2.5	4.2	0.5	1.3	1.1	0.5	-0.1	0.3	-1.0	1.1	3.2	1.7	1.9	2.7	1.6	1.1	5.7	-12.9

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
2018 Feb	-0.3	-0.8	0.2	-1.7	-0.5	6.1	-0.1	-1.2	-0.3	0.4	-0.8	-1.4	-1.0	0.6	0.1	-1.4	-1.7	-0.1	0.1	0.0	-0.7	-1.1	0.1
Mar	0.1	-0.4	-0.1	-3.0	-0.4	2.3	1.5	-1.8	0.3	-0.8	-0.5	0.9	1.8	-0.2	0.1	0.9	0.5	0.0	0.2	0.0	0.8	2.1	2.3
Apr	0.3	-0.2	-0.5	8.8	-0.4	-4.7	-0.7	1.3	0.4	1.1	0.9	0.9	0.4	-0.2	0.1	0.9	0.6	0.1	0.2	-0.1	0.7	-0.4	0.4
May	0.3	-0.2	-0.4	-1.6	0.4	-7.1	1.5	1.3	0.4	1.9	1.2	0.7	0.3	-0.4	0.1	0.0	0.0	0.3	0.2	0.0	0.1	0.1	-0.5
Jun	0.3	-0.4	1.0	-0.1	0.7	2.8	2.6	0.8	0.2	-0.1	0.9	0.6	0.1	-0.4	-0.1	-0.2	1.5	0.4	0.1	0.0	0.0	0.7	1.0
Jul	0.3	-0.2	0.3	4.4	-0.3	3.1	-0.3	0.1	0.3	1.1	0.2	0.6	0.1	-0.4	0.0	1.3	-0.2	0.4	0.1	0.0	-1.2	-0.5	1.1
Aug	0.1	0.1	-0.2	0.9	-0.2	-0.2	-0.2	-0.3	0.2	-0.1	0.3	-1.2	2.5	-0.2	-0.1	0.1	0.0	0.2	0.1	0.2	0.5	0.2	1.2
Sep	0.0	0.6	-0.6	-3.6	-0.2	-2.2	0.2	0.8	0.0	-0.7	0.1	0.4	1.3	-0.3	-0.1	0.3	-0.3	-0.1	0.2	0.3	0.9	-1.6	-0.1
Oct	0.3	0.6	-0.1	3.1	-0.5	1.3	-0.5	0.5	0.3	0.5	0.7	1.1	-1.1	-0.1	0.2	0.7	1.8	-0.2	0.3	0.2	1.4	0.2	0.0
Nov	0.1	0.0	-0.2	-3.1	0.1	-0.5	-0.6	-0.4	0.2	0.9	0.2	0.9	0.7	-0.4	-0.1	0.5	0.1	0.0	0.3	0.1	-0.7	-0.9	-1.0
Dec	-0.4	-1.0	-0.5	-0.6	-0.5	-1.2	-0.3	-1.9	-0.2	-1.1	0.1	-0.4	0.9	-0.5	0.1	-1.0	-0.7	0.3	0.3	0.1	1.1	-0.9	-0.7
2019 Jan	0.5	-0.2	0.9	-2.0	1.2	2.0	-0.9	3.0	0.3	1.4	0.3	0.9	1.2	-0.7	0.1	-1.1	1.1	0.5	0.3	0.2	-1.3	-0.9	-1.3
Feb	0.3	-0.2	0.2	2.2	0.7	-4.2	-0.4	1.6	0.2	0.0	0.0	0.3	0.0	-0.6	0.0	1.3	0.5	0.4	0.3	0.2	-0.4	0.8	-2.6
Mar	0.1	-0.2	0.8	1.1	1.0	-0.6	0.4	-1.4	0.1	0.6	0.2	-0.8	-0.6	0.2	0.1	0.2	0.2	0.3	0.3	0.2	0.3	0.1	-4.8
Apr	-0.5	-0.2	-3.3	-2.9	-4.5	3.2	-0.6	-0.6	-0.1	0.1	0.1	-0.5	-0.6	1.1	-0.3	0.1	-0.9	0.0	0.3	0.0	-1.5	-0.3	-1.7
May	0.2	-0.1	1.0	1.3	0.9	0.0	2.7	0.5	0.1	0.1	-0.6	-0.2	-0.3	0.1	0.2	0.2	0.6	-0.1	0.3	0.2	-0.4	1.1	-1.6
Jun	0.2	0.0	0.0	-0.3	0.0	0.2	0.3	-1.4	0.4	-0.5	-0.5	2.4	1.3	0.4	-0.1	1.5	-0.4	-0.1	0.2	0.3	3.0	0.4	2.3
Jul	0.4	0.1	-0.1	-0.7	0.1	-0.8	-0.4	1.3	0.4	0.4	1.9	-1.1	0.4	0.4	0.0	0.5	1.4	0.0	0.0	0.3	-1.9	1.4	1.2
Aug	-0.1	0.1	-0.6	0.3	-0.8	-1.3	1.1	-0.1	-0.1	0.3	-1.1	-1.0	-1.3	0.3	0.1	0.5	-1.0	0.0	0.1	0.4	2.2	0.7	0.1
Sep	0.1	0.0	0.0	6.7	-0.5	-0.1	0.7	1.3	0.0	-0.2	-0.3	-0.6	1.3	-0.5	0.1	-0.1	-0.5	0.0	0.2	0.1	-2.3	0.5	-2.5
Oct	0.2	0.0	0.2	-6.4	0.5	2.8	-1.1	-2.4	0.4	0.6	1.0	-0.2	-0.1	0.5	0.2	0.8	0.9	1.3	0.1	-0.1	-0.1	0.4	-4.2
Nov	-0.3	0.0	-1.0	0.6	-1.5	0.3	0.3	2.3	-0.4	-1.1	-1.2	1.0	-1.7	-1.0	-0.1	-0.9	0.4	0.0	0.4	0.0	2.9	0.0	-2.0
Dec	0.2	0.0	-0.2	-2.5	0.1	-1.8	0.9	-0.2	0.2	-0.1	0.5	0.7	0.8	-0.1	0.2	0.6	0.2	0.0	0.2	0.0	-0.1	0.3	1.1
2020 Jan	0.1	-0.1	0.2	1.2	0.4	-2.4	1.2	-0.2	0.1	1.0	1.4	0.2	-2.0	0.3	0.2	-0.3	0.5	0.1	0.4	0.0	-0.2	1.3	0.7
Feb	-0.1	-0.1	0.1	-1.0	0.5	-0.8	-1.3	-1.7	0.0	-0.6	-2.0	-0.4	0.8	0.3	0.2	1.1	-0.9	0.1	0.1	0.1	-0.2	-0.4	0.8

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.

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 ⁶	Total service industries	Wholesale and retail: motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2016 weights	1000	7	138	10	100	17	10	60	796	104	43	30	63	73	138	75	48	47	59	75	15	21	4

Percentage change, latest month on same month a year ago

	ED2R	ED2S	ED2T	ED2U	ED2V	ED2W	ED2X	ED2Y	ED2Z	ED32	ED33	ED34	ED35	ED36	ED37	ED38	ED39	ED3A	ED3B	ED3C	ED3D	ED3E	ED3F
2018 Feb	1.3	-2.6	1.7	3.1	2.1	3.6	-4.4	0.0	1.3	2.0	-0.7	-0.9	4.7	-0.4	0.2	4.6	3.6	0.4	-0.5	0.3	0.6	2.1	4.4
Mar	1.2	-3.2	2.3	-1.5	2.2	10.4	-3.9	-2.6	1.3	0.9	-1.4	-0.9	5.9	-0.8	0.6	5.0	2.7	0.2	-0.1	0.1	0.0	2.3	4.8
Apr	1.5	-3.0	1.6	8.3	1.4	1.6	-0.2	-1.6	1.8	1.9	0.2	0.5	4.5	-0.9	0.7	6.5	6.6	-0.2	0.2	-0.2	0.3	0.3	3.4
May	1.6	-3.1	0.9	5.5	1.8	-8.0	1.5	0.1	1.9	4.4	1.3	1.8	4.7	-1.0	0.8	5.1	3.6	0.0	0.5	-0.4	1.5	-0.1	1.9
Jun	1.8	-3.6	1.8	1.3	2.2	-4.1	4.7	1.0	1.9	3.2	3.2	3.6	2.4	-1.1	0.9	4.5	4.8	0.6	0.6	-0.3	2.9	1.8	1.0
Jul	2.1	-4.1	1.9	7.9	1.8	-1.1	2.6	1.5	2.3	4.8	2.8	1.8	4.1	-1.5	0.9	5.5	4.4	1.4	0.8	0.1	1.2	1.8	0.8
Aug	2.0	-4.3	1.6	10.3	1.2	-1.7	3.5	-0.1	2.3	4.0	2.8	2.4	5.9	-1.3	0.7	4.9	4.0	1.7	0.8	0.4	0.9	-0.4	3.4
Sep	1.7	-3.9	-0.2	2.5	-0.1	-4.1	2.5	1.0	2.1	3.1	2.6	3.9	6.5	-1.2	0.8	4.3	2.8	1.6	0.9	0.7	2.1	-1.5	2.8
Oct	2.1	-2.5	-0.6	4.3	-1.2	-0.5	1.5	3.3	2.5	3.7	2.9	4.5	5.1	-0.8	0.8	5.6	4.1	1.3	1.4	1.6	2.4	-0.5	6.6
Nov	1.9	-2.2	-0.8	0.0	-0.9	-2.6	1.3	0.7	2.5	4.4	3.6	4.9	5.9	-1.3	0.5	5.1	3.4	1.1	1.7	1.4	2.2	-0.8	5.7
Dec	1.2	-2.8	-1.1	23.2	-2.0	-6.0	1.1	-3.6	2.1	3.7	3.6	4.0	5.3	-1.9	0.6	3.6	1.9	1.4	2.0	1.2	2.4	-1.2	4.3
2019 Jan	1.7	-2.1	-0.2	0.8	-0.7	1.1	2.3	2.0	2.0	4.6	3.5	4.1	7.4	-3.1	0.5	1.0	2.7	2.1	2.4	1.1	1.6	-3.0	2.3
Feb	2.3	-1.5	-0.2	4.8	0.5	-8.7	2.0	4.8	2.6	4.1	4.5	5.8	8.5	-4.2	0.4	3.8	4.9	2.6	2.5	1.2	1.9	-1.2	-0.5
Mar	2.3	-1.3	0.7	9.2	1.9	-11.4	0.9	5.2	2.4	5.6	5.2	4.0	5.9	-4.5	0.4	2.9	4.6	2.8	2.6	1.4	1.5	-3.1	-7.4
Apr	1.4	-1.3	-2.1	-2.5	-2.2	-4.1	1.0	3.2	1.9	4.5	4.4	2.5	6.7	-4.6	0.4	1.3	3.1	2.7	2.7	1.5	-0.8	-3.0	-9.3
May	1.3	-1.2	-0.8	0.4	-1.7	3.2	2.2	2.4	1.6	2.7	2.6	1.5	6.1	-4.1	0.5	1.5	3.8	2.3	2.8	1.7	-1.3	-2.1	-10.3
Jun	1.2	-0.8	-1.8	0.1	-2.4	0.6	-0.2	0.2	1.8	2.4	1.1	3.3	7.4	-3.3	0.5	3.2	1.8	1.8	2.9	2.0	1.8	-2.4	-9.0
Jul	1.3	-0.5	-2.1	-4.8	-2.0	-3.3	-0.2	1.4	1.9	1.7	2.8	1.6	7.7	-2.5	0.5	2.5	3.5	1.3	2.9	2.2	1.1	-0.5	-8.9
Aug	1.1	-0.5	-2.5	-5.3	-2.6	-4.3	1.1	1.6	1.6	2.1	1.5	1.7	3.8	-2.0	0.6	2.8	2.6	1.0	2.8	2.4	2.7	0.0	-9.9
Sep	1.1	-1.1	-2.0	4.9	-2.8	-2.3	1.6	2.2	1.6	2.6	1.0	0.7	3.8	-2.2	0.8	2.5	2.4	1.1	2.8	2.2	-0.6	2.2	-12.1
Oct	1.0	-1.6	-1.7	-4.9	-1.9	-0.9	1.0	-0.8	1.7	2.7	1.3	-0.6	4.8	-1.6	0.9	2.6	1.4	2.6	2.7	1.9	-2.0	2.4	-15.7
Nov	0.6	-1.6	-2.5	-1.3	-3.4	-0.1	1.9	2.0	1.0	0.6	0.0	-0.5	2.3	-2.3	0.8	1.1	1.7	2.6	2.8	1.8	1.6	3.4	-16.5
Dec	1.1	-0.6	-2.1	-3.2	-2.9	-0.8	3.1	3.8	1.4	1.6	0.4	0.6	2.3	-1.9	0.9	2.8	2.6	2.3	2.7	1.7	0.3	4.6	-15.0
2020 Jan	0.7	-0.5	-2.8	-0.1	-3.7	-5.0	5.3	0.5	1.3	1.2	1.5	-0.1	-1.0	-0.9	1.0	3.6	2.0	1.9	2.8	1.5	1.4	6.9	-13.3
Feb	0.3	-0.4	-2.8	-3.2	-3.9	-1.7	4.3	-2.7	1.1	0.6	-0.6	-0.7	-0.2	-0.1	1.3	3.3	0.6	1.5	2.6	1.4	1.6	5.6	-10.2

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

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

Percentage change, latest 3 months on previous 3 months ^{3,5}

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	0.3	-0.1	0.1	-0.1	0.2	0.0	0.0	-0.1	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1
Feb	0.0	0.1	-0.1	0.1	-0.1	0.3	-0.2	0.2	0.0	0.0	-0.1	0.0	0.1	-0.1	0.0	0.1	0.1	0.1	-0.1	0.0	-0.3	-0.1	-0.1	-0.1
Mar	-0.1	0.1	-0.1	-0.2	-0.1	0.2	-0.4	0.3	0.0	0.1	-0.2	0.0	0.0	-0.1	0.0	0.2	0.1	0.0	-0.1	0.0	-0.6	-0.2	-0.3	-0.3
Apr	0.0	0.1	-0.2	-0.8	-0.1	0.2	-0.4	0.0	-0.1	0.0	-0.3	0.2	-0.3	0.1	-0.1	0.2	-0.1	0.0	-0.1	0.0	-0.7	-0.2	-0.5	-0.5
May	-0.1	0.1	-0.1	-0.4	-0.1	-0.2	-0.2	-0.1	0.0	0.0	-0.3	0.2	-0.5	0.2	0.0	0.1	-0.2	0.0	0.0	0.1	-0.6	-0.4	-0.4	-0.4
Jun	0.0	0.1	-0.1	0.5	0.0	-0.1	0.1	-0.3	0.0	0.0	-0.1	0.1	-0.3	0.2	0.0	0.0	-0.1	0.0	0.1	0.1	-0.3	-0.8	-0.1	-0.1
Jul	0.1	0.3	0.0	0.9	-0.1	-0.1	0.3	-0.2	0.0	0.0	0.0	0.1	-0.1	-0.2	0.0	0.0	0.2	-0.1	0.3	0.0	-0.1	-0.8	0.3	0.3
Aug	0.0	0.5	0.0	0.7	0.0	0.0	0.4	-0.2	0.0	0.0	0.1	0.0	0.0	-0.5	0.0	0.1	0.6	-0.1	0.3	-0.1	-0.1	-0.6	0.6	0.6
Sep	0.0	0.5	0.0	0.3	-0.1	0.0	0.5	-0.2	0.1	0.1	0.2	0.4	-0.1	-0.4	0.0	0.4	0.8	-0.1	0.0	-0.1	-0.2	0.1	0.6	0.6
Oct	0.1	0.4	0.1	0.1	-0.1	0.1	0.4	-0.3	0.1	0.1	0.2	0.5	-0.1	0.0	0.0	0.4	0.7	0.4	-0.1	-0.3	-0.1	0.5	0.4	0.4
Nov	0.1	0.2	0.0	0.1	0.0	0.2	0.2	-0.4	0.2	0.0	0.2	0.5	-0.1	0.4	0.0	0.3	0.5	0.9	-0.2	-0.4	0.8	0.8	0.1	0.1
Dec	0.0	0.3	0.1	0.1	0.0	0.0	-0.2	-0.6	0.1	0.1	-0.1	0.3	-0.3	-0.2	0.0	0.2	0.1	1.3	-0.1	-0.4	1.4	0.5	0.0	0.0
2020 Jan	0.0	0.5	0.0	-0.1	0.0	0.4	-0.1	-0.4	0.0	0.1	-0.2	0.2	-0.4	-0.6	0.0	0.2	0.0	0.9	0.0	-0.3	2.0	0.5	0.1	0.1

Percentage change, latest 3 months on same 3 months a year ago ^{3,5}

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	0.3	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0
Feb	-0.1	0.2	0.0	0.0	-0.1	0.3	-0.2	0.2	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.1	0.1	0.0	-0.1	0.0	-0.3	-0.1	-0.1	-0.1
Mar	0.0	0.2	-0.1	-0.3	-0.2	0.3	-0.4	0.3	-0.1	0.0	-0.2	0.0	0.0	-0.1	-0.1	0.2	0.1	0.0	-0.1	0.0	-0.6	-0.2	-0.3	-0.3
Apr	-0.1	0.1	-0.1	-0.6	-0.1	0.3	-0.4	0.1	0.0	0.1	-0.3	0.1	-0.3	0.0	-0.1	0.3	-0.1	0.0	-0.2	0.1	-0.9	-0.2	-0.5	-0.5
May	0.0	0.1	-0.1	-0.3	-0.2	0.1	-0.4	0.1	0.0	0.1	-0.3	0.3	-0.4	0.1	-0.1	0.2	-0.2	0.0	-0.1	0.1	-1.0	-0.5	-0.6	-0.6
Jun	-0.1	0.2	-0.2	0.1	-0.2	0.2	-0.2	0.0	0.0	0.0	-0.2	0.1	-0.4	0.1	0.0	0.2	0.0	0.0	0.1	0.1	-0.9	-0.9	-0.4	-0.4
Jul	0.0	0.4	-0.2	0.4	-0.3	0.2	-0.1	-0.1	0.0	0.1	-0.2	0.2	-0.4	-0.2	0.0	0.3	0.1	0.0	0.1	0.1	-0.9	-1.0	-0.2	-0.2
Aug	0.0	0.6	-0.1	0.4	-0.2	0.1	0.0	-0.1	0.0	0.2	-0.2	0.3	-0.4	-0.4	-0.1	0.3	0.5	0.0	0.2	0.1	-1.1	-1.1	0.0	0.0
Sep	0.0	0.8	-0.1	0.4	-0.3	0.2	0.2	-0.3	0.0	0.1	0.0	0.5	-0.4	-0.4	0.0	0.6	0.7	-0.1	0.0	0.0	-1.1	-0.8	0.1	0.1
Oct	0.1	0.8	-0.2	0.4	-0.2	0.3	0.2	-0.4	0.1	0.2	-0.1	0.7	-0.4	-0.2	0.0	0.6	0.9	0.4	0.0	-0.1	-1.0	-0.7	0.2	0.2
Nov	0.0	0.9	-0.1	0.5	-0.2	0.4	0.2	-0.6	0.1	0.2	0.1	0.7	-0.4	-0.1	-0.1	0.7	1.0	0.8	-0.1	-0.3	-0.4	-0.5	0.1	0.1
Dec	0.0	1.1	-0.1	0.6	-0.2	0.2	0.0	-0.8	0.1	0.2	-0.2	0.8	-0.7	-0.4	0.0	0.8	0.9	1.2	0.0	-0.4	0.2	-0.3	0.1	0.1
2020 Jan	0.0	1.3	-0.1	0.1	-0.1	0.5	0.2	-1.0	0.1	0.3	-0.2	0.9	-0.9	-0.7	-0.1	0.9	0.9	1.3	0.0	-0.4	1.1	-0.1	0.2	0.2

1 The GVA output is designated as a National Statistic.

2 Estimates cannot be regarded as accurate to the last digit shown.

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

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

5 Revisions to periods highlighted in Grey are consistent with the Quarterly National Accounts published on 31 March 2020

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

Percentage change, latest month on previous month ^{3,5}

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	0.2	0.0	0.8	-0.1	0.3	-0.3	0.4	0.0	0.0	0.0	0.0	0.2	-0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	-0.3	-0.1	0.0
Feb	0.0	0.1	0.0	-1.4	0.0	0.4	-0.3	-0.2	0.0	0.0	0.0	0.0	-0.3	0.0	-0.1	0.3	-0.2	0.0	0.0	0.1	-0.3	-0.1	-0.2	0.0
Mar	0.0	-0.1	-0.1	-0.4	-0.1	-0.6	0.0	0.2	0.0	0.0	-0.4	0.2	-0.4	0.1	0.1	0.1	0.0	0.0	0.2	-0.5	0.0	0.0	-0.4	0.0
Apr	0.0	-0.1	0.0	0.7	-0.1	0.4	0.1	-0.3	0.0	0.0	0.1	0.1	0.0	0.2	0.0	-0.1	-0.2	0.0	0.0	0.1	-0.2	-0.2	0.1	0.0
May	0.0	0.0	0.0	0.6	0.0	-0.1	0.1	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.2	-0.5	-0.5	0.0	0.0
Jun	0.0	0.2	0.0	0.1	0.0	0.0	0.1	-0.1	0.0	0.0	-0.2	-0.2	0.1	-0.4	0.0	-0.1	0.4	-0.1	0.2	0.0	-0.1	-0.6	0.2	0.0
Jul	0.0	0.3	-0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.2	-0.1	-0.4	-0.1	0.2	0.1	0.0	0.0	0.0	-0.1	0.7	0.4	0.0
Aug	0.1	0.2	0.1	0.0	0.1	0.0	0.4	-0.1	0.0	0.1	0.2	0.2	-0.1	0.0	0.0	0.2	0.4	0.0	0.0	0.0	-0.4	-0.2	0.0	0.0
Sep	0.1	-0.1	-0.2	0.0	-0.2	0.1	0.3	-0.2	0.1	0.0	0.0	0.3	0.0	0.6	0.0	0.1	0.0	-0.2	-0.2	0.5	0.4	0.0	0.0	0.0
Oct	0.0	-0.1	0.1	0.2	0.2	0.2	-0.6	-0.2	0.1	0.2	-0.2	0.0	-0.1	-0.3	0.0	-0.1	0.2	1.3	0.1	-0.2	0.2	0.2	-0.1	0.0
Nov	0.0	0.2	0.1	-0.1	0.1	0.0	0.1	-0.1	0.0	-0.2	0.3	-0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	-0.1	1.2	0.1	0.0	0.0
Dec	-0.1	0.6	-0.3	0.2	-0.2	-0.6	-0.1	-0.6	-0.1	0.4	-0.9	0.7	-0.7	-1.2	0.1	0.3	-0.4	0.0	0.0	0.0	0.5	-0.1	-0.1	0.0
2020 Jan	0.1	-0.2	0.3	-0.7	0.2	1.8	0.2	0.6	0.0	0.1	0.5	-0.2	0.0	0.1	0.0	-0.1	0.3	0.1	0.0	-0.1	0.6	0.3	0.5	0.0

Percentage change, latest month on same month a year ago ^{3,5}

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	0.1	0.0	0.8	-0.1	0.3	-0.3	0.5	0.0	0.1	-0.1	0.0	0.3	-0.2	0.0	0.0	0.2	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
Feb	0.0	0.2	-0.1	-0.6	-0.1	0.6	-0.5	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.3	0.0	0.0	-0.2	-0.1	-0.6	-0.1	-0.3	0.0
Mar	0.0	0.1	-0.2	-1.0	-0.2	-0.1	-0.4	0.3	0.0	0.0	-0.4	0.2	-0.4	0.0	0.0	0.2	0.0	0.0	-0.2	0.1	-1.0	-0.2	-0.6	0.0
Apr	-0.1	0.1	-0.1	-0.3	-0.2	0.3	-0.3	0.0	-0.1	0.0	-0.3	0.2	-0.4	0.2	-0.1	0.2	-0.3	0.0	-0.2	0.1	-1.0	-0.4	-0.5	0.0
May	-0.1	0.2	-0.2	0.4	-0.2	0.2	-0.2	0.0	0.0	0.0	-0.1	0.3	-0.4	0.1	-0.1	0.2	-0.1	0.0	0.0	0.1	-0.9	-0.9	-0.5	0.0
Jun	-0.1	0.4	-0.2	0.4	-0.2	0.2	-0.2	-0.1	-0.1	0.1	-0.3	0.0	-0.2	-0.1	0.0	0.1	0.2	0.0	0.2	0.1	-0.9	-1.5	-0.2	0.0
Jul	-0.1	0.7	-0.1	0.4	-0.2	0.1	-0.1	-0.1	0.0	0.1	-0.3	0.3	-0.4	-0.5	-0.1	0.4	0.4	-0.1	0.2	0.1	-1.0	-0.8	0.1	0.0
Aug	0.0	0.9	0.0	0.4	-0.2	0.2	0.3	-0.2	0.0	0.1	0.1	0.5	-0.4	-0.5	-0.1	0.6	0.9	-0.1	0.1	0.1	-1.5	-1.0	0.1	0.0
Sep	0.0	0.8	-0.2	0.5	-0.4	0.2	0.6	-0.4	0.1	0.1	0.0	0.8	-0.4	0.1	-0.1	0.8	0.9	-0.1	-0.1	-0.1	-0.9	-0.6	0.1	0.0
Oct	0.0	0.8	-0.1	0.5	-0.2	0.4	0.0	-0.6	0.2	0.3	-0.1	0.8	-0.5	-0.2	0.0	0.7	1.0	1.2	0.0	-0.4	-0.6	-0.4	0.1	0.0
Nov	0.1	0.9	0.0	0.4	-0.1	0.4	0.1	-0.6	0.2	0.1	0.2	0.5	-0.4	-0.1	-0.1	0.6	1.1	1.2	0.0	-0.4	0.5	-0.2	0.1	0.0
Dec	-0.1	1.6	-0.3	0.7	-0.4	-0.2	0.0	-1.2	0.0	0.4	-0.7	1.2	-1.1	-1.2	0.0	1.1	0.7	1.2	0.0	-0.5	1.0	-0.4	0.0	0.0
2020 Jan	0.1	1.3	0.1	-0.9	-0.1	1.3	0.6	-1.1	0.1	0.5	-0.1	1.0	-1.3	-0.9	0.0	0.9	0.8	1.3	0.1	-0.5	1.9	0.0	0.5	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.

5 Revisions to periods highlighted in Grey are consistent with the Quarterly National Accounts published on 31 March 2020

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

Section	Industry sections (SIC2007)																						Activities of households as employers, undifferentiated goods and services
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	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	
	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	
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
2018 Feb	0.43	-0.01	-0.01	-0.07	0.05	0.02	-0.02	0.07	0.39	0.02	-0.01	0.03	0.05	0.05	0.05	0.11	0.06	0.00	0.00	0.04	0.01	-0.02	0.00
Mar	0.20	-0.01	-0.02	0.01	-0.02	0.02	-0.02	-0.11	0.34	0.04	-0.02	0.02	0.01	0.08	0.05	0.11	0.01	-0.01	0.01	0.05	0.00	0.01	0.01
Apr	-0.01	-0.01	-0.02	0.03	-0.08	0.04	-0.01	-0.18	0.21	0.05	-0.02	0.01	0.02	0.06	0.05	0.04	-0.04	-0.01	0.02	0.02	0.00	0.01	0.01
May	0.21	-0.01	-0.06	0.05	-0.10	-0.02	0.01	-0.14	0.43	0.11	0.00	0.03	0.08	0.01	0.05	0.08	-0.01	0.00	0.03	0.00	0.01	0.02	0.01
Jun	0.59	-0.01	-0.04	0.04	-0.04	-0.07	0.03	0.05	0.61	0.20	0.06	0.05	0.10	-0.04	0.03	0.07	0.04	0.02	0.03	-0.01	0.02	0.02	0.01
Jul	0.86	-0.01	0.00	0.03	0.03	-0.10	0.04	0.13	0.73	0.28	0.09	0.06	0.08	-0.07	0.02	0.09	0.08	0.04	0.03	0.00	0.01	0.01	0.00
Aug	0.85	0.00	0.10	0.04	0.05	-0.03	0.04	0.12	0.63	0.23	0.09	0.04	0.09	-0.08	0.00	0.08	0.08	0.05	0.02	0.01	-0.01	0.01	0.01
Sep	0.66	0.00	0.08	0.03	0.01	0.02	0.02	0.06	0.52	0.14	0.06	0.02	0.17	-0.07	-0.01	0.10	0.03	0.05	0.02	0.02	-0.01	-0.01	0.01
Oct	0.50	0.00	-0.01	0.02	-0.05	0.02	0.01	0.04	0.46	0.03	0.04	0.00	0.22	-0.06	-0.01	0.11	0.04	0.03	0.02	0.04	0.01	-0.02	0.01
Nov	0.41	0.01	-0.10	-0.01	-0.08	-0.01	-0.01	0.05	0.45	0.03	0.04	0.02	0.18	-0.05	-0.01	0.11	0.05	0.01	0.03	0.04	0.03	-0.03	0.00
Dec	0.30	0.00	-0.12	-0.01	-0.08	-0.01	-0.01	0.00	0.41	0.03	0.04	0.04	0.10	-0.06	0.01	0.08	0.08	0.00	0.04	0.04	0.03	-0.03	0.00
2019 Jan	0.26	0.00	-0.07	-0.03	-0.03	-0.01	-0.02	-0.01	0.34	0.08	0.03	0.05	0.10	-0.07	0.02	0.01	0.06	0.01	0.05	0.04	0.01	-0.04	-0.01
Feb	0.27	-0.01	-0.01	-0.02	0.04	-0.02	-0.02	0.03	0.25	0.06	0.03	0.03	0.13	-0.10	0.02	-0.05	0.05	0.04	0.05	0.03	0.00	-0.03	-0.01
Mar	0.54	-0.01	0.11	-0.02	0.17	-0.03	-0.02	0.13	0.30	0.12	0.02	0.02	0.13	-0.11	0.02	-0.06	0.06	0.05	0.05	0.03	-0.01	-0.02	-0.02
Apr	0.37	-0.01	0.00	0.00	0.05	-0.04	-0.01	0.10	0.26	0.11	0.02	0.00	0.08	-0.11	0.03	0.00	0.05	0.05	0.05	0.03	-0.02	0.00	-0.02
May	0.13	0.00	-0.09	0.00	-0.08	-0.01	0.00	0.02	0.21	0.13	0.01	-0.02	0.03	-0.09	0.04	0.01	0.03	0.03	0.05	0.03	-0.02	0.01	-0.02
Jun	-0.18	0.00	-0.28	-0.01	-0.30	0.02	0.02	-0.08	0.17	0.05	-0.01	-0.01	0.07	-0.04	0.04	0.03	-0.02	0.01	0.05	0.03	-0.01	0.01	-0.02
Jul	0.15	0.00	-0.13	-0.01	-0.18	0.02	0.03	-0.06	0.35	0.03	-0.01	0.01	0.09	0.01	0.03	0.07	0.02	0.00	0.04	0.04	0.00	0.03	-0.01
Aug	0.38	0.00	-0.09	-0.01	-0.11	0.00	0.02	-0.03	0.50	0.00	0.00	0.03	0.10	0.05	0.01	0.15	0.02	-0.01	0.03	0.06	0.03	0.04	0.00
Sep	0.52	0.00	-0.01	0.02	-0.03	-0.02	0.02	0.05	0.48	0.03	0.02	-0.02	0.06	0.05	0.01	0.15	0.03	-0.01	0.02	0.06	0.01	0.04	0.00
Oct	0.30	0.00	-0.07	0.02	-0.08	-0.01	0.01	0.02	0.35	0.05	0.01	-0.04	0.02	0.04	0.03	0.12	-0.01	0.02	0.02	0.05	0.01	0.04	0.00
Nov	0.13	0.00	-0.08	0.02	-0.11	0.01	0.01	0.05	0.16	0.02	-0.01	-0.04	0.00	-0.01	0.04	0.05	0.00	0.04	0.03	0.03	-0.01	0.03	-0.01
Dec	0.03	0.00	-0.10	-0.03	-0.10	0.03	0.00	0.00	0.13	-0.03	-0.01	0.00	-0.04	-0.03	0.04	0.04	0.03	0.06	0.04	0.01	0.02	0.02	-0.02
2020 Jan	-0.03	0.00	-0.13	-0.03	-0.11	0.00	0.01	0.06	0.04	-0.06	0.01	0.03	-0.10	-0.06	0.03	-0.01	0.06	0.05	0.05	0.00	0.03	0.02	-0.01
Feb	0.05	0.00	-0.08	-0.03	-0.04	-0.04	0.01	-0.01	0.15	-0.02	0.01	0.04	-0.10	-0.02	0.05	0.03	0.04	0.03	0.05	0.00	0.02	0.02	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
2018 Feb	1.40	0.00	0.12	-0.02	0.18	-0.01	-0.04	0.13	1.15	0.16	0.03	0.03	0.36	-0.08	-0.05	0.34	0.25	0.04	-0.01	0.03	0.02	0.02	0.01
Mar	1.29	-0.02	0.20	0.01	0.21	0.04	-0.06	-0.04	1.15	0.17	-0.02	0.02	0.37	-0.05	0.03	0.36	0.20	0.02	-0.02	0.02	0.01	0.03	0.01
Apr	1.32	-0.02	0.25	0.02	0.19	0.07	-0.04	-0.09	1.18	0.17	-0.03	0.01	0.34	-0.05	0.07	0.40	0.22	0.01	-0.01	0.00	0.01	0.03	0.01
May	1.44	-0.02	0.21	0.03	0.18	0.02	-0.01	-0.08	1.33	0.25	0.00	0.03	0.34	-0.07	0.10	0.42	0.22	0.00	0.01	-0.01	0.01	0.01	0.01
Jun	1.63	-0.02	0.19	0.04	0.18	-0.05	0.02	-0.01	1.48	0.33	0.06	0.06	0.26	-0.07	0.11	0.40	0.26	0.01	0.03	-0.02	0.03	0.01	0.01
Jul	1.84	-0.03	0.20	0.04	0.19	-0.06	0.04	0.05	1.61	0.43	0.10	0.07	0.26	-0.09	0.12	0.38	0.22	0.03	0.04	-0.01	0.03	0.02	0.00
Aug	1.95	-0.03	0.23	0.05	0.18	-0.03	0.05	0.05	1.70	0.42	0.12	0.07	0.29	-0.09	0.11	0.38	0.23	0.06	0.04	0.01	0.03	0.02	0.00
Sep	1.93	-0.03	0.15	0.05	0.10	-0.03	0.04	0.05	1.76	0.42	0.11	0.08	0.38	-0.09	0.11	0.37	0.19	0.08	0.05	0.03	0.02	0.00	0.01
Oct	1.93	-0.03	0.04	0.04	0.00	-0.03	0.03	0.08	1.84	0.38	0.11	0.10	0.40	-0.08	0.11	0.38	0.19	0.08	0.06	0.07	0.03	-0.01	0.01
Nov	1.91	-0.02	-0.07	0.02	-0.07	-0.03	0.02	0.10	1.91	0.39	0.12	0.12	0.40	-0.08	0.09	0.38	0.18	0.07	0.08	0.09	0.04	-0.02	0.01
Dec	1.75	-0.02	-0.12	0.06	-0.14	-0.04	0.02	0.00	1.89	0.41	0.14	0.12	0.38	-0.09	0.08	0.36	0.16	0.06	0.10	0.10	0.04	-0.01	0.02
2019 Jan	1.62	-0.02	-0.10	0.06	-0.12	-0.04	0.02	-0.02	1.76	0.44	0.15	0.12	0.43	-0.15	0.07	0.25	0.14	0.08	0.12	0.09	0.03	-0.03	0.01
Feb	1.75	-0.02	-0.07	0.08	-0.08	-0.07	0.02	0.06	1.77	0.43	0.16	0.13	0.49	-0.22	0.06	0.21	0.17	0.10	0.13	0.09	0.03	-0.03	0.01
Mar	2.10	-0.01	0.02	0.04	0.05	-0.10	0.02	0.24	1.85	0.50	0.18	0.13	0.50	-0.28	0.05	0.20	0.22	0.12	0.14	0.10	0.03	-0.04	-0.01
Apr	2.00	-0.01	-0.07	0.03	0.01	-0.13	0.02	0.27	1.81	0.50	0.19	0.11	0.49	-0.32	0.05	0.20	0.22	0.13	0.15	0.10	0.01	-0.04	-0.02
May	1.67	-0.01	-0.10	0.02	-0.07	-0.07	0.02	0.22	1.55	0.45	0.17	0.07	0.43	-0.31	0.06	0.15	0.20	0.13	0.15	0.12	0.00	-0.05	-0.03
Jun	1.31	-0.01	-0.21	-0.01	-0.21	0.00	0.01	0.12	1.41	0.34	0.11	0.07	0.47	-0.28	0.06	0.15	0.15	0.11	0.16	0.13	0.00	-0.04	-0.03
Jul	1.28	-0.01	-0.21	-0.01	-0.20	0.00	0.01	0.08	1.42	0.24	0.09	0.06	0.49	-0.23	0.06	0.18	0.16	0.09	0.16	0.15	0.01	-0.03	-0.03
Aug	1.20	0.00	-0.29	-0.03	-0.23	-0.03	0.00	0.07	1.43	0.22	0.07	0.06	0.44	-0.18	0.07	0.22	0.14	0.07	0.16	0.17	0.03	-0.02	-0.03
Sep	1.17	0.00	-0.30	-0.02	-0.25	-0.05	0.01	0.11	1.37	0.23	0.07	0.04	0.36	-0.16	0.09	0.20	0.15	0.06	0.16	0.17	0.02	0.01	-0.03
Oct	1.08	-0.01	-0.28	-0.02	-0.24	-0.04	0.02	0.06	1.30	0.26	0.05	0.02	0.29	-0.14	0.10	0.21	0.11	0.08	0.16	0.16	0.00	0.02	-0.04
Nov	0.92	-0.01	-0.27	0.00	-0.27	-0.02	0.02	0.07	1.13	0.21	0.03	0.00	0.26	-0.14	0.11	0.16	0.10	0.10	0.16	0.15	-0.01	0.04	-0.04
Dec	0.91	-0.01	-0.28	-0.03	-0.27	-0.01	0.03	0.10	1.09	0.17	0.02	-0.01	0.22	-0.13	0.11	0.17	0.10	0.12	0.15	0.14	0.00	0.06	-0.05
2020 Jan	0.79	-0.01	-0.33	-0.01	-0.33	-0.03	0.04	0.13	0.99	0.12	0.03	0.00	0.09	-0.12	0.12	0.19	0.11	0.11	0.16	0.13	0.02	0.08	-0.05
Feb	0.70	0.00	-0.35	-0.02	-0.34	-0.04	0.05	0.03	1.02	0.12	0.02	0.00	0.03	-0.07	0.14	0.25	0.09	0.09	0.15	0.12	0.02	0.09	-0.04

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

seasonally adjusted 2016=100

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

Contribution to growth, latest month on previous month

	EDKH	EDKI	EDKJ	EDKK	EDKL	EDKM	EDKN	EDKO	EDKP	EDKQ	EDKR	EDKS	EDKT	EDKU	EDKV	EDKW	EDKX	EDKY	EDKZ	EDLA	EDLB	EDLC	EDLD
2018 Feb	-0.33	-0.01	0.02	-0.01	-0.05	0.08	0.00	-0.07	-0.27	0.04	-0.03	-0.04	-0.07	0.04	0.02	-0.11	-0.09	-0.01	0.01	0.00	-0.01	-0.02	0.00
2018 Mar	0.08	0.00	-0.01	-0.02	-0.04	0.03	0.02	-0.11	0.21	-0.08	-0.02	0.02	-0.13	-0.01	0.02	0.07	0.03	0.00	0.01	0.00	0.01	0.03	0.01
2018 Apr	0.33	0.00	-0.07	0.07	-0.04	-0.07	-0.01	0.08	0.32	0.11	0.04	0.03	0.02	-0.02	0.01	0.07	0.03	0.01	0.01	-0.01	0.01	-0.01	0.00
2018 May	0.31	0.00	-0.06	-0.01	0.04	-0.10	0.02	0.08	0.29	0.20	0.05	0.02	0.02	-0.03	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00
2018 Jun	0.31	0.00	0.14	0.00	0.07	0.04	0.03	0.05	0.12	-0.01	0.04	0.02	0.01	-0.03	-0.01	0.08	0.02	0.01	0.00	0.00	0.00	0.01	0.00
2018 Jul	0.27	0.00	0.04	0.04	-0.02	0.04	0.00	0.01	0.22	-0.12	0.01	0.02	0.01	-0.03	0.00	-0.10	-0.01	0.02	0.00	0.00	-0.02	-0.01	0.00
2018 Aug	0.12	0.00	-0.02	0.01	-0.02	0.00	0.00	-0.02	0.17	-0.01	0.01	-0.03	0.17	-0.02	-0.01	0.01	0.00	0.01	0.01	0.02	0.01	0.00	0.00
2018 Sep	0.01	0.00	-0.08	-0.03	-0.02	-0.03	0.00	0.05	0.03	-0.07	0.01	0.01	0.09	-0.02	-0.01	0.02	-0.02	0.00	0.01	0.02	0.02	-0.03	0.00
2018 Oct	0.29	0.00	-0.01	0.02	-0.05	0.02	-0.01	0.03	0.26	0.06	0.03	0.03	-0.08	-0.01	0.03	0.06	0.10	-0.01	0.02	0.01	0.02	0.00	0.00
2018 Nov	0.13	0.00	-0.03	-0.03	0.01	-0.01	-0.01	-0.03	0.19	0.10	0.01	0.03	0.05	-0.02	-0.01	0.04	0.01	0.00	0.02	0.01	-0.01	-0.02	0.00
2018 Dec	-0.36	-0.01	-0.07	0.00	-0.05	-0.02	0.00	-0.12	-0.16	-0.12	0.00	-0.01	0.06	-0.03	0.02	-0.08	-0.04	0.02	0.02	0.01	0.02	-0.02	0.00
2019 Jan	0.54	0.00	0.12	-0.02	0.12	0.03	-0.01	0.18	0.23	0.15	0.01	0.03	0.09	-0.05	0.01	-0.09	0.06	0.02	0.02	0.01	-0.02	-0.01	0.00
2019 Feb	0.27	0.00	0.02	0.02	0.07	-0.06	-0.01	0.10	0.15	0.00	0.00	0.01	0.00	-0.04	0.00	0.10	0.03	0.02	0.02	0.01	-0.01	0.01	-0.01
2019 Mar	0.06	0.00	0.11	0.01	0.10	-0.01	0.01	-0.09	0.05	0.07	0.01	-0.02	-0.04	-0.03	0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.00	-0.01
2019 Apr	-0.53	0.00	-0.45	-0.03	-0.45	0.04	-0.01	-0.04	-0.05	0.01	0.01	-0.02	0.08	-0.02	0.01	-0.05	-0.05	0.00	0.02	0.00	-0.02	-0.01	0.00
2019 May	0.23	0.00	0.13	0.01	0.08	0.00	0.03	0.03	0.07	0.01	-0.03	-0.01	-0.02	0.01	0.02	0.01	0.03	0.00	0.02	0.01	-0.01	0.02	0.00
2019 Jun	0.21	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.29	-0.05	-0.02	0.07	0.10	0.03	-0.02	0.12	-0.02	0.00	0.01	0.02	0.05	0.01	0.01
2019 Jul	0.37	0.00	-0.01	-0.01	0.01	-0.01	-0.01	0.08	0.30	0.05	0.08	-0.03	0.03	0.03	0.01	0.04	0.08	0.00	0.00	0.02	-0.03	0.02	0.00
2019 Aug	-0.13	0.00	-0.08	0.00	-0.07	-0.02	0.01	-0.01	-0.04	0.03	-0.04	-0.03	-0.09	0.02	0.01	0.04	-0.05	0.00	0.00	0.03	0.04	0.01	0.00
2019 Sep	0.07	0.00	0.01	0.06	-0.05	0.00	0.01	0.08	-0.01	-0.02	-0.01	-0.02	0.10	-0.03	0.01	0.00	-0.03	0.00	0.01	0.01	-0.04	0.01	-0.01
2019 Oct	0.19	0.00	0.02	-0.06	0.05	0.04	-0.01	-0.15	0.32	0.06	0.04	-0.01	-0.01	0.03	0.03	0.06	0.05	0.06	0.01	-0.01	0.00	0.01	-0.01
2019 Nov	-0.32	0.00	-0.14	0.01	-0.15	0.00	0.00	0.14	-0.33	-0.12	-0.05	0.03	-0.12	-0.07	-0.02	0.02	0.00	0.02	0.00	0.05	0.00	0.00	0.00
2019 Dec	0.15	0.00	-0.02	-0.02	0.01	-0.03	0.01	-0.01	0.19	-0.01	0.02	0.02	0.06	0.00	0.02	0.05	0.01	0.00	0.01	0.00	0.00	0.00	0.00
2020 Jan	0.14	0.00	0.03	0.01	0.04	-0.04	0.02	-0.01	0.12	0.11	0.06	0.01	-0.14	0.02	0.02	-0.03	0.03	0.00	0.02	0.00	0.00	0.02	0.00
2020 Feb	-0.11	0.00	0.02	-0.01	0.05	-0.01	-0.02	-0.11	-0.01	-0.07	-0.09	-0.01	0.06	0.02	0.03	0.08	-0.05	0.00	0.00	0.00	0.00	-0.01	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
2018 Feb	1.28	-0.02	0.22	0.02	0.21	0.05	-0.06	0.00	1.07	0.21	-0.03	-0.03	0.31	-0.03	0.03	0.34	0.18	0.02	-0.03	0.02	0.01	0.03	0.01
2018 Mar	1.19	-0.02	0.31	-0.01	0.22	0.14	-0.05	-0.16	1.07	0.10	-0.06	0.03	0.39	-0.06	0.09	0.37	0.14	0.01	-0.01	0.01	0.00	0.04	0.01
2018 Apr	1.49	-0.02	0.22	0.06	0.14	0.02	0.00	-0.10	1.40	0.20	0.01	0.02	0.31	-0.07	0.10	0.48	0.33	-0.01	0.01	-0.02	0.00	0.01	0.01
2018 May	1.63	-0.02	0.12	0.04	0.18	-0.12	0.02	0.01	1.53	0.46	0.05	0.05	0.32	-0.08	0.11	0.39	0.19	0.00	0.03	-0.03	0.03	0.00	0.01
2018 Jun	1.78	-0.03	0.24	0.01	0.22	-0.06	0.06	0.06	1.51	0.34	0.13	0.10	0.17	-0.08	0.12	0.34	0.25	0.03	0.04	-0.02	0.05	0.03	0.00
2018 Jul	2.11	-0.03	0.25	0.06	0.18	-0.02	0.03	0.09	1.80	0.50	0.11	0.05	0.28	-0.11	0.12	0.41	0.23	0.07	0.04	0.01	0.02	0.03	0.00
2018 Aug	1.96	-0.03	0.21	0.08	0.12	-0.02	0.04	-0.01	1.80	0.42	-0.12	0.07	0.41	-0.09	0.10	0.38	0.21	0.08	0.04	0.03	0.01	-0.01	0.01
2018 Sep	1.71	-0.03	-0.02	0.02	-0.01	-0.06	0.03	0.06	1.70	0.33	0.11	0.11	0.45	-0.09	0.11	0.33	0.15	0.08	0.05	0.06	0.03	-0.02	0.01
2018 Oct	2.11	-0.02	-0.08	0.03	-0.12	-0.01	0.02	0.20	2.01	0.39	0.12	0.13	0.35	-0.05	0.10	0.43	0.21	0.06	0.08	0.12	0.04	-0.01	0.02
2018 Nov	1.92	-0.02	-0.11	0.00	-0.09	-0.04	0.02	0.04	2.01	0.46	0.15	0.14	0.41	-0.09	0.07	0.39	0.18	0.06	0.10	0.11	0.04	-0.01	0.02
2018 Dec	1.24	-0.02	-0.16	0.15	-0.21	-0.09	0.01	-0.23	1.65	0.38	0.15	0.11	0.37	-0.13	0.08	0.28	0.10	0.07	0.12	0.09	0.04	-0.02	0.01
2019 Jan	1.70	-0.02	-0.03	0.01	-0.07	0.02	0.03	0.12	1.62	0.48	0.15	0.11	0.51	-0.22	0.06	0.08	0.14	0.10	0.13	0.08	0.03	-0.05	0.01
2019 Feb	2.31	-0.01	-0.03	0.04	0.05	-0.13	0.02	0.29	2.04	0.43	0.18	0.16	0.58	-0.30	0.05	0.29	0.26	0.13	0.14	0.10	0.03	-0.02	0.00
2019 Mar	2.29	-0.01	0.10	0.08	0.19	-0.18	0.01	0.31	1.88	0.59	-0.21	0.11	0.41	-0.32	0.05	0.23	0.25	0.14	0.15	0.11	0.02	-0.05	-0.02
2019 Apr	1.41	-0.01	-0.29	-0.02	-0.22	-0.06	0.01	0.19	1.51	0.48	0.18	0.07	0.47	-0.33	0.06	0.10	0.17	0.13	0.15	0.11	-0.01	-0.05	-0.03
2019 May	1.32	-0.01	-0.10	0.00	-0.17	0.04	0.03	0.14	1.28	0.29	0.11	0.04	0.42	-0.29	0.07	0.12	0.20	0.11	0.16	0.13	-0.02	-0.03	-0.03
2019 Jun	1.22	-0.01	-0.24	0.00	-0.24	0.01	0.00	0.01	1.45	0.25	0.05	0.09	0.51	-0.23	0.06	0.25	0.10	0.09	0.16	0.15	0.03	-0.04	-0.03
2019 Jul	1.32	0.00	-0.29	-0.05	-0.20	-0.05	0.00	0.08	1.52	0.18	0.12	0.04	0.53	-0.18	0.06	0.19	0.19	0.06	0.16	0.17	0.02	-0.01	-0.03
2019 Aug	1.06	0.00	-0.35	-0.05	-0.26	-0.06	0.01	0.10	1.31	0.22	0.06	0.05	0.27	-0.14	0.08	0.22	0.14	0.05	0.16	0.18	0.04	0.00	-0.03
2019 Sep	1.13	-0.01	-0.26	0.05	-0.28	-0.03	0.02	0.13	1.27	0.28	0.04	0.02	0.27	-0.15	0.11	0.19	0.13	0.05	0.16	0.17	-0.01	0.04	-0.04
2019 Oct	1.04	-0.01	-0.22	-0.05	-0.18	-0.01	0.01	-0.05	1.32	0.28	0.06	-0.02	0.34	-0.11	0.11	0.20	0.08	0.12	0.15	0.15	-0.03	0.04	-0.05
2019 Nov	0.58	-0.01	-0.33	-0.01	-0.34	0.00	0.02	0.12	0.80	0.07	0.00	-0.01	0.16	-0.16	0.11	0.09	0.09	0.13	0.16	0.14	0.03	0.05	-0.05
2019 Dec	1.10	0.00	-0.28	-0.03	-0.28	-0.01	0.04	0.23	1.15	0.17	0.02	0.02	0.16	-0.13	0.12	0.22	0.14	0.11	0.15	0.13	0.01	0.07	-0.04
2020 Jan	0.69	0.00	-0.38	0.00	-0.36	-0.08	0.06	0.03	1.03	0.13	0.07	0.00	-0.07	-0.06	0.13	0.28	0.11	0.09	0.16	0.12	0.02	0.11	-0.04
2020 Feb	0.32	0.00	-0.38	-0.03	-0.38	-0.03	0																