

Statistical bulletin

GDP monthly estimate, UK: April 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.



Contact:
James Scruton
gdp@ons.gov.uk
+44 (0)1633 455284

Release date:
12 June 2020

Next release:
14 July 2020

Table of contents

1. [UK GDP fell by 10.4% in the three months to April 2020](#)
2. [Widespread contractions across the economy contributed to the fall in GDP in the three months to April 2020](#)
3. [GDP fell by 20.4% in April 2020](#)
4. [The services sector fell by 9.9% in the three months to April 2020](#)
5. [Production fell by 9.5% in the three months to April 2020](#)
6. [Output in the construction sector fell by 18.2% in the three months to April 2020](#)
7. [Things you need to know about this release](#)
8. [Quality and methodology](#)
9. [Related links](#)

1 . UK GDP fell by 10.4% in the three months to April 2020

Figure 1: GDP fell by 10.4% in the three months to April, as government restrictions on movement dramatically reduced economic activity

UK GDP growth, Quarter 1 (Jan to Mar) 2005 until February to April 2020

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 Sep), 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.

Download the data

[.xls](#)

This release captures the direct effects of the coronavirus (COVID-19) pandemic and the government measures taken to reduce transmission of the virus. The most significant was the introduction of restrictions in movement across the UK, which began on 23 March 2020.

This bulletin provides a broad overview of the economy and the impact of the coronavirus. However, a more detailed analysis of the [impact on the output of businesses](#) has also been published today (12 June 2020).

GDP estimates for March and April 2020 are subject to [more uncertainty than usual](#) as a result of the challenges we faced in collecting the data under the governments imposed public health restrictions.

Statistician's comment

Commenting on today's GDP figures, Jonathan Athow, Deputy National Statistician for Economic Statistics, said:

"April's fall in GDP is the biggest the UK has ever seen, more than three times larger than last month and almost ten times larger than the steepest pre-covid-19 fall. In April the economy was around 25% smaller than in February.

"Virtually all areas of the economy were hit, with pubs, education, health and car sales all giving the biggest contributions to this historic fall.

"Manufacturing and construction also saw significant falls, with manufacture of cars and housebuilding particularly badly affected.

“The UK’s trade with the rest of the world was also badly affected by the pandemic, with large falls in both the import and export of cars, fuels, works of art and clothing.”

2 . Widespread contractions across the economy contributed to the fall in GDP in the three months to April 2020

Figure 2: Breakdown of GDP and its sub-sectors, rolling three-month growth rates and contributions to growth, February to April 2020

All the headline sectors provided a negative contribution to gross domestic product (GDP) growth in the three months to April 2020. The services sector fell by 9.9%, production by 9.5% and construction by 18.2%. The impacts of the coronavirus (COVID-19) were seen right across the economy, with nearly all sub-sectors falling in the three months to April.

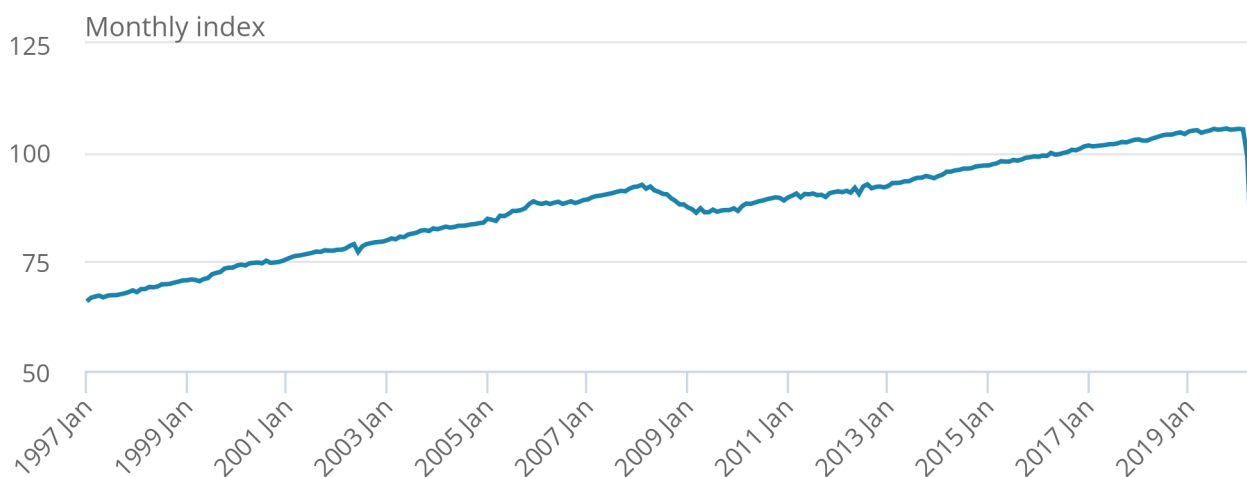
3 . GDP fell by 20.4% in April 2020

Figure 3: GDP fell by 20.4% in April 2020, following a fall of 5.8% in March 2020

Monthly index, January 1997 until April 2020

Figure 3: GDP fell by 20.4% in April 2020, following a fall of 5.8% in March 2020

Monthly index, January 1997 until April 2020



Source: Office for National Statistics – GDP monthly estimate

Monthly gross domestic product (GDP) fell by 20.4% in April 2020, the biggest monthly fall since the series began in 1997.

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

	February 2020	March 2020	April 2020	Change in GDP (February 2020 to April 2020)	Rolling three-month growth (February to April 2020)
GDP	-0.2%	-5.8%	-20.4%	-25.1%	-10.4%
Index of Services	0.0%	-6.2%	-19.0%	-24.0%	-9.9%
Index of Production	-0.1%	-4.2%	-20.3%	-23.7%	-9.5%
Manufacturing	0.3%	-4.6%	-24.3%	-27.8%	-10.5%
Construction	-2.1%	-5.9%	-40.1%	-43.6%	-18.2%
Agriculture	-0.1%	-0.2%	-5.5%	-5.6%	-2.1%

Source: Office for National Statistics – GDP monthly estimate

Notes

1. Change in GDP refers to the percentage change from February 2020 to April 2020 [Back to table](#)
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. [Back to table](#)

Record falls were also seen across all sectors:

- services – largest monthly fall since series began in 1997
- production – largest monthly fall since series began in 1968
- manufacturing – largest monthly fall since series began in 1968
- construction – largest monthly fall since series began in 2010

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.

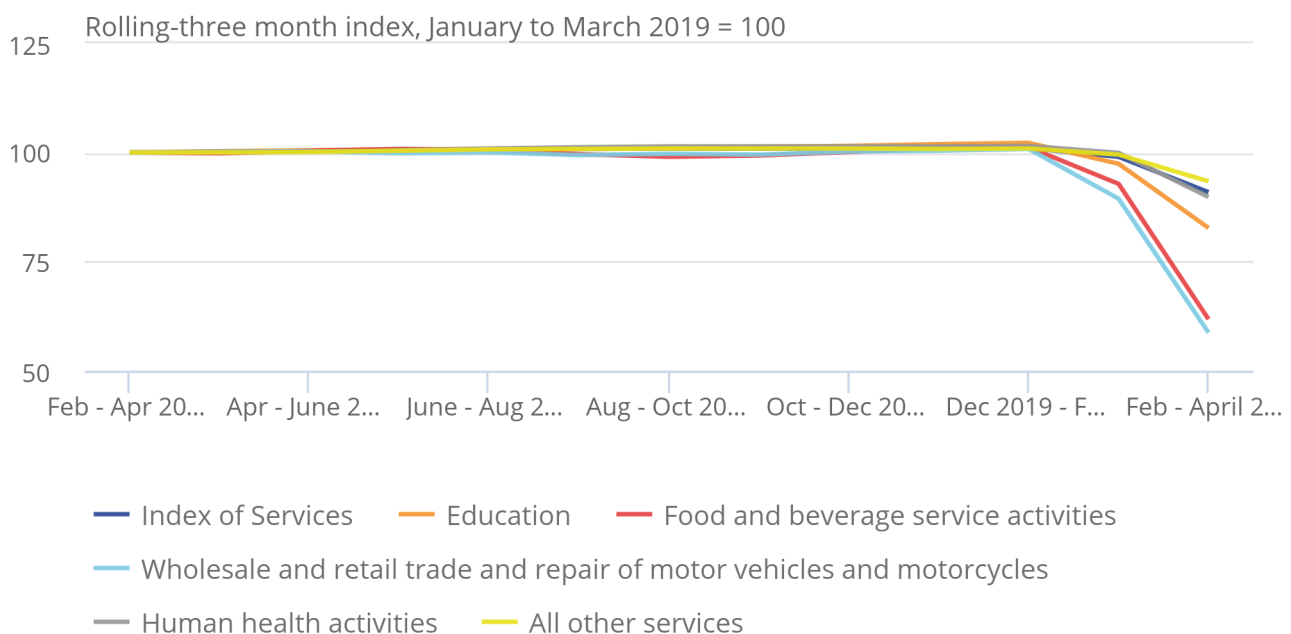
4 . The services sector fell by 9.9% in the three months to April 2020

Figure 4: Services fell by 9.9% in the three months to April 2020, with widespread falls across nearly all industries

Rolling three-month on three-month index, February to April 2019 until February to April 2020, February to April 2019 = 100

Figure 4: Services fell by 9.9% in the three months to April 2020, with widespread falls across nearly all industries

Rolling three-month on three-month index, February to April 2019 until February to April 2020, February to April 2019 = 100



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.
2. "All other services" accounts for 65% of services. This is made up of a large number of industries, with the majority falling in the three months to April.

Rolling three-month services growth fell by 9.9% in April 2020, following a 1.9% fall in the three months to March 2020. This was driven by falls in nearly every industry, most notably:

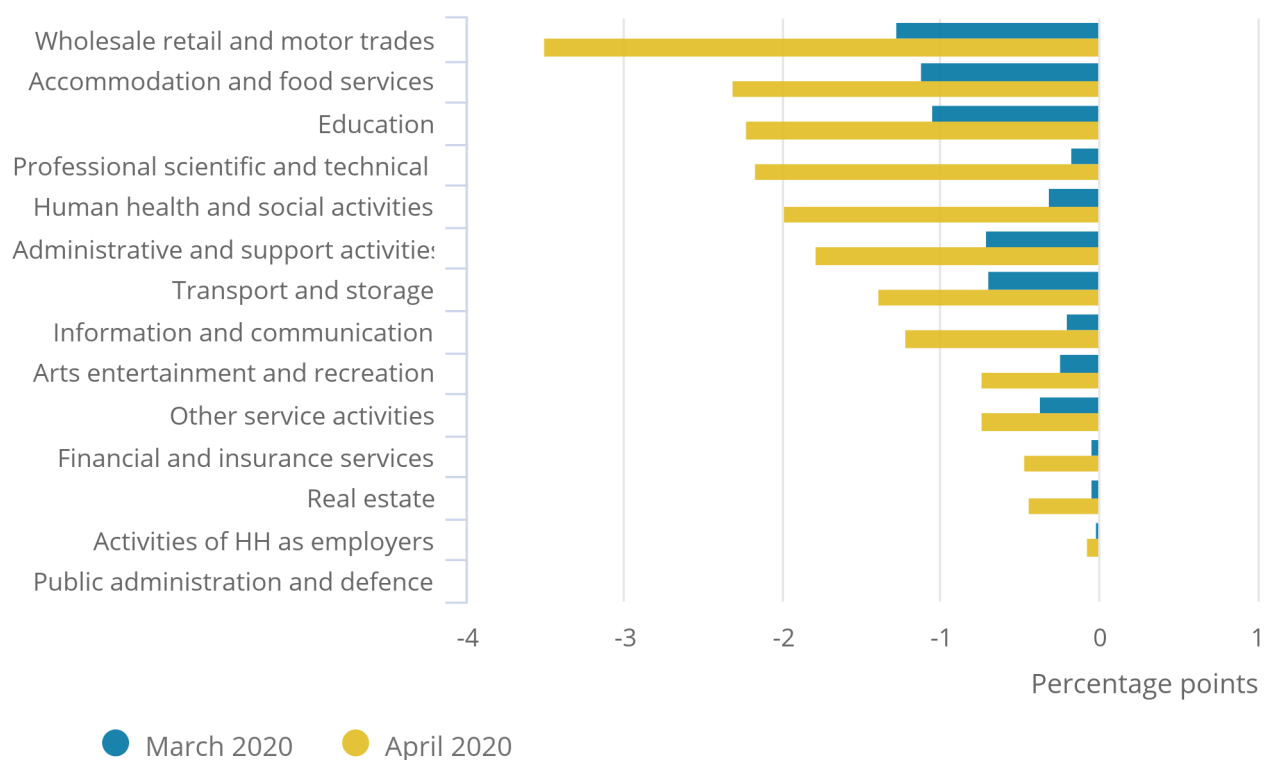
- education, which fell by 18.8% as a result of school closures during March and April
- food and beverage service activities, which fell by 38.8% as a result of the closure of bars and restaurants throughout March and April
- wholesale and retail trade and repair of motor vehicles and motorcycles, which fell by 41.6%, predominantly driven by a reduction in new car registrations
- health, which fell by 11.4% as a result of reduced activity in elective operations and fewer accident and emergency visits
- retail trade, which fell 8.9% as many [retailers temporarily ceased trading in April](#)

Figure 5: All but one of the services sub-sectors contributed negatively to growth in April 2020

Contributions to services growth, month on previous month, UK, March and April 2020

Figure 5: All but one of the services sub-sectors contributed negatively to growth in April 2020

Contributions to services growth, month on previous month, UK, March and April 2020



Source: Office for National Statistics – GDP monthly estimate

Notes:

1. Components contributions may not sum to total because of rounding.

In April 2020, the services sector fell by 19.0%, the largest monthly fall on record. The largest driver to this fall was wholesale, retail and motor trades followed by accommodation and food services, education, professional scientific and technical activities and human health and social activities. The only sub-sector that didn't fall was public administration and defence, which was flat in April.

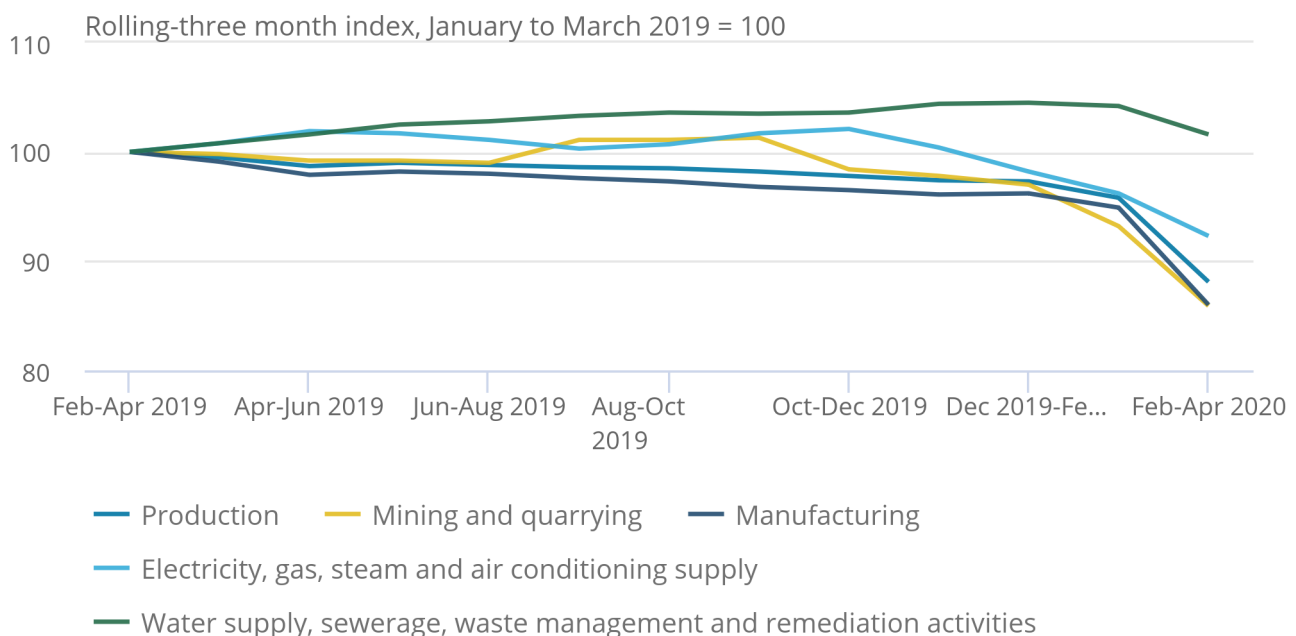
5 . Production fell by 9.5% in the three months to April 2020

Figure 6: All four sub-sectors of production fell in the three months to April 2020

Rolling three-month on three-month index, February to April 2019 until February to April 2020, February to April 2019 = 100

Figure 6: All four sub-sectors of production fell in the three months to April 2020

Rolling three-month on three-month index, February to April 2019 until February to April 2020, February to April 2019 = 100



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 output in the production sector fell by 9.5% in April 2020, with manufacturing falling by 10.5%.

There were widespread falls across manufacturing industries with 12 out of 13 sub-sectors falling. The most notable was the manufacture of transport equipment, which fell by 28.3%. The only increase in manufacturing was the manufacture of basic pharmaceuticals, which grew by 15.4%.

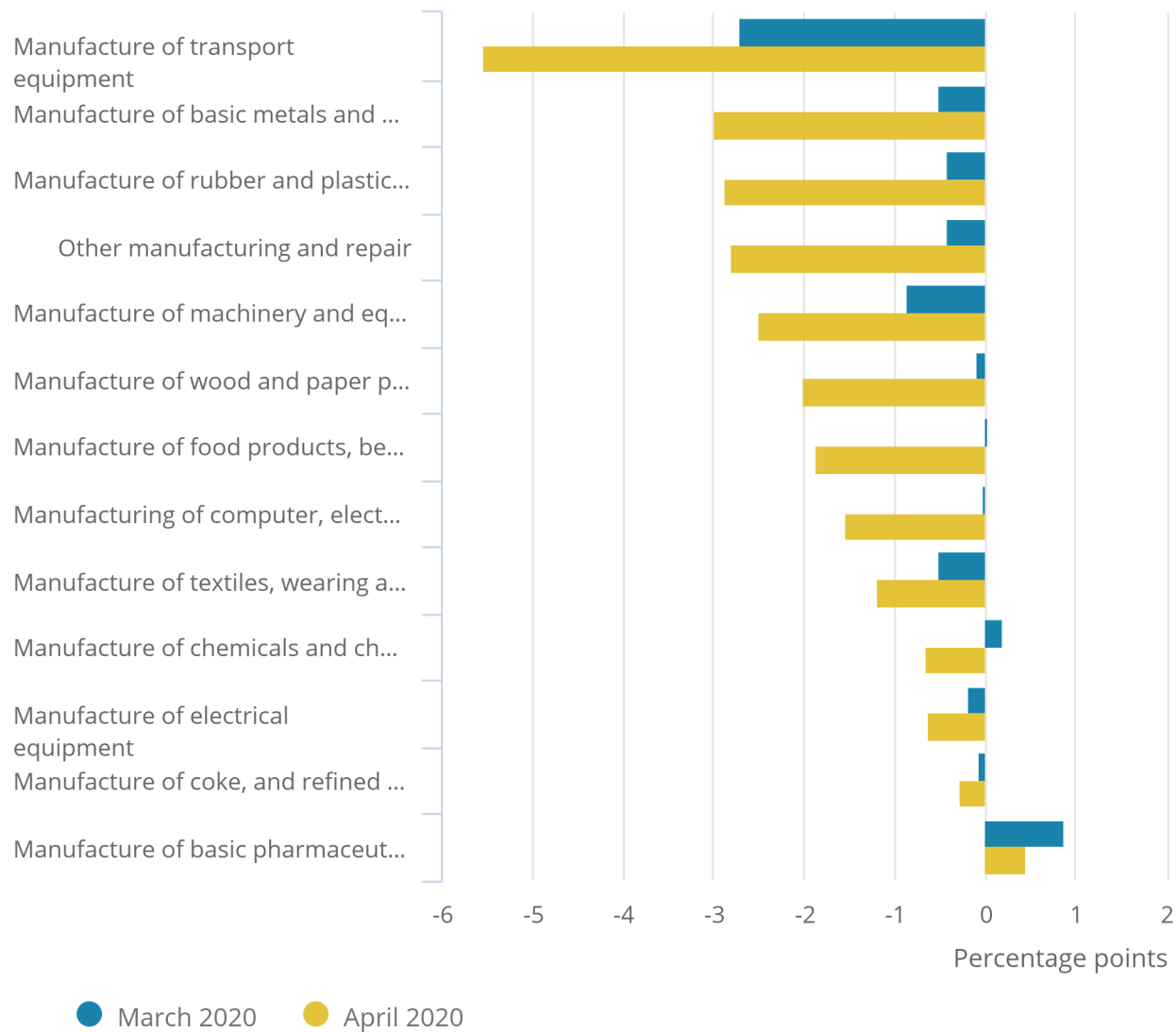
Elsewhere, energy production, mining and quarrying and water supply all fell. The fall in mining and quarrying was a result of some COVID-19 related shutdowns along with the reduced demand for oil and gas.

Figure 7: Manufacture of transport equipment was the biggest contributor to the fall in manufacturing in April 2020

Contributions to manufacturing growth, months on previous month, UK, March and April 2020

Figure 7: Manufacture of transport equipment was the biggest contributor to the fall in manufacturing in April 2020

Contributions to manufacturing growth, months on previous month, UK, March and April 2020



Source: Office for National Statistics – GDP monthly estimate

Notes:

1. Components contributions may not sum to total because of rounding.

Production fell by 20.3% in April 2020, with manufacturing falling by 24.3%. The largest cause of this decrease was the manufacture of transport equipment, which fell by 50.2% following [COVID-19-led shutdowns of car plants across the UK](#). The manufacture of pharmaceuticals was the only industry to show an increase.

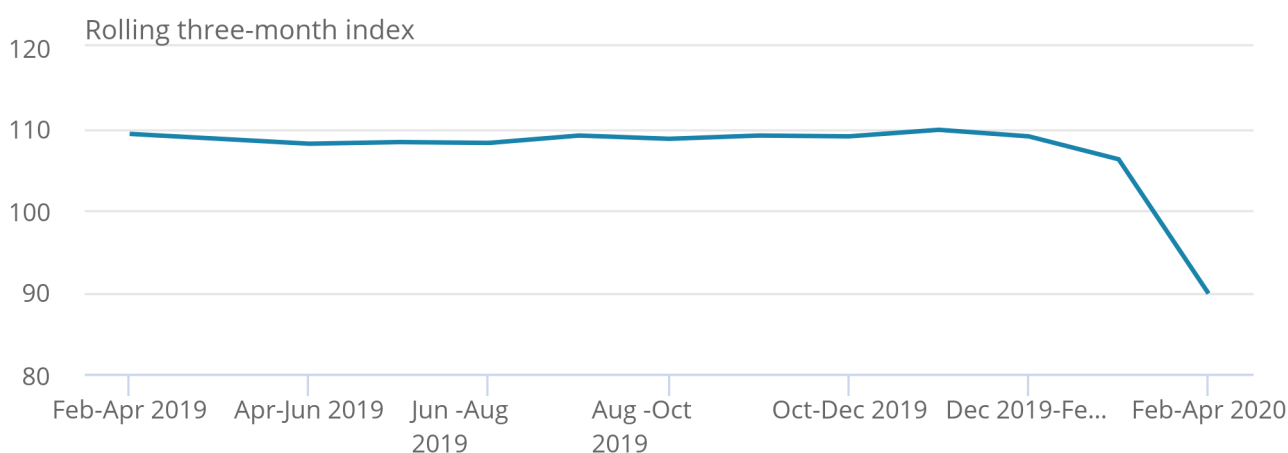
6 . Output in the construction sector fell by 18.2% in the three months to April 2020

Figure 8: The construction sector saw the largest fall out of all the main sectors of the economy

Rolling three-month index, UK, February to April 2019 until February to April 2020

Figure 8: The construction sector saw the largest fall out of all the main sectors of the economy

Rolling three-month index, UK, February to April 2019 until February to April 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 February to April compared with the previous November to January.

Rolling three-month growth in the construction sector was negative 18.2% in April 2020. This fall was caused by private housing, which fell 28.3%, and private commercial which fell 19.6%.

Month-on-month, output in construction fell by a record 40.1% in April 2020, following a fall of 5.9% in the March 2020. This fall was driven by record declines in all types of work, with the largest contribution coming from private housing which fell 59.2%.

7 . Things you need to know about this release

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](#).

This release captures the direct effects of the coronavirus pandemic and the government measures taken to reduce transmission of the virus. Because of the implementation of these government measures, which include restrictions in movement, we faced an increased number of challenges in producing monthly and quarterly estimates of UK gross domestic product (GDP) for April. More detailed information on the challenges and the steps taken to mitigate those can be found in [Coronavirus and the effects on UK GDP](#).

As a result of these challenges, GDP estimates for April 2020 are subject to more uncertainty than usual.

8 . 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](#).

9 . Related links

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

Bulletin | Released 12 June 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: April 2020](#)

Bulletin | Released 12 June 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: April 2020](#)

Bulletin | Released 12 June 2020

Monthly movements in output for the services industries.

[Coronavirus and the impact on output in the UK economy, UK: April 2020](#)

Article | Released 12 June 2020

Analysis of monthly growth for the production, services and construction industries in the UK economy between February 2020 and March 2020, highlighting the early impact from the coronavirus (COVID-19) pandemic.

[Coronavirus and the effects on GDP](#)

Article | Released 6 May 2020

How the global coronavirus (COVID-19) pandemic and the wider containment efforts are expected to impact on UK gross domestic product (GDP) as well as some of the challenges that national statistical institutes are likely to face.

GVA1

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

seasonally adjusted 2016=100

Industry sections (SIC2007)																							
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction ⁶	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
Section	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2016 weights	1000	7	138	10	100	17	10	60	796	104	43	30	63	73	138	75	48	47	59	75	15	21	4
	YBFR	L2KL	L2KQ	L2KR	L2KX	L2MW	L2N2	L2N8	L2NC	L2NE	L2NI	L2NQ	L2NT	L2O6	L2OC	L2OI	L2OX	L2P8	L2PA	L2PC	L2PJ	L2PP	L2PT
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 Apr	103.1	102.5	102.3	108.2	102.7	98.7	100.4	104.9	103.1	104.2	101.8	104.0	108.6	99.0	99.7	109.0	107.0	100.9	101.5	101.2	104.6	102.1	104.9
May	103.4	102.4	101.9	106.5	103.0	91.7	101.9	106.3	103.5	106.2	103.0	104.7	108.8	98.6	99.8	109.0	107.0	101.2	101.7	101.1	104.7	102.2	104.3
Jun	103.7	101.9	102.9	106.4	103.8	94.3	104.6	107.1	103.6	106.0	104.0	105.3	109.0	98.2	99.7	108.8	108.6	101.7	101.8	101.2	104.7	102.9	105.3
Jul	104.0	101.7	103.2	111.1	103.5	97.2	104.3	107.2	103.9	107.2	104.1	105.9	109.1	97.9	99.7	110.2	108.4	102.1	101.8	101.2	103.4	102.5	106.5
Aug	104.1	101.8	103.1	112.1	103.3	97.0	104.0	106.8	104.1	107.1	104.5	104.7	111.8	97.6	99.6	110.3	108.4	102.4	101.9	101.5	103.9	102.6	107.7
Sep	104.1	102.4	102.5	108.0	103.0	94.9	104.3	107.6	104.2	106.3	104.6	105.1	113.3	97.4	99.5	110.7	108.0	102.3	102.1	101.8	104.9	101.0	107.6
Oct	104.4	103.0	102.4	111.4	102.5	96.2	103.7	108.2	104.5	106.9	105.3	106.3	112.1	97.2	99.8	111.4	110.0	102.1	102.4	101.9	106.4	101.2	107.6
Nov	104.6	103.0	102.2	107.9	102.6	95.7	103.2	107.8	104.8	107.8	105.5	107.2	112.9	96.9	99.7	112.0	110.1	102.1	102.7	102.0	105.6	100.3	106.5
Dec	104.2	102.0	101.6	107.3	102.1	94.6	102.9	105.7	104.5	106.6	105.6	106.8	113.8	96.4	99.8	110.9	109.4	102.5	103.1	102.2	106.8	99.3	105.8
2019 Jan	104.8	101.8	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
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
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
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
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
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
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
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
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
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
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
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	105.4	101.3	99.3	104.2	99.3	90.5	107.3	109.8	106.2	109.4	107.1	107.8	113.9	94.9	100.9	113.6	112.7	104.9	106.3	103.9	107.2	105.4	90.3
Feb	105.3	101.2	99.2	103.7	99.5	89.4	105.5	107.5	106.2	108.7	104.8	107.5	114.8	95.3	101.2	114.7	111.8	104.9	106.5	103.9	106.8	105.0	89.7
Mar	99.1	101.0	95.0	91.9	94.9	88.1	104.9	101.2	99.6	98.5	90.9	74.0	112.3	94.8	101.0	112.9	100.1	105.1	91.1	100.6	93.8	86.0	85.5
Apr	78.9	95.5	75.7	80.6	71.8	79.7	99.3	60.7	80.7	71.9	64.7	8.8	97.7	89.8	98.6	90.3	72.0	105.1	60.5	79.5	56.6	50.8	65.9
Percentage change, latest year on previous year	GDPQ	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3E4	L3E8	L3EG	L3EJ	L3EU	L3F2	L3F8	L3FN	L3FW	L3FY	L3G2	L3G9	L3GF	L3GJ
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													

GVA2

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

seasonally adjusted 2016=100

	Industry sections (SIC2007)																						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 ⁶	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	
Section	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2016 weights	1000	7	138	10	100	17	10	60	796	104	43	30	63	73	138	75	48	47	59	75	15	21	4

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

	ED9T	ED9U	ED9V	ED9W	EDGQ	EDGR	EDGS	EDGT	EDGU	EDGV	EDGW	EDGX	EDGY	EDGZ	EDHA	EDHB	EDHC	EDHD	EDHE	EDHF	EDHG	EDHH	EDHI
2018 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	-2.6	-1.8	-3.4	-2.4	3.4	2.2	1.2	1.1	0.5	0.0	1.1	-1.7	0.9	2.5	2.1	2.3	2.8	1.7	1.2	5.0	-15.0
Feb	0.7	-0.5	-2.9	-2.5	-3.7	-3.4	4.0	0.6	1.3	1.1	0.1	0.0	0.2	-0.9	1.1	3.1	1.7	1.9	2.8	1.6	1.2	5.8	-13.4
Mar	-1.6	-0.4	-4.9	-6.7	-6.0	-4.4	4.0	-3.0	-1.0	-2.6	-4.8	-10.4	-1.2	-0.3	1.2	2.7	-2.6	1.5	-2.3	0.3	-2.5	-0.2	-12.3
Apr	-10.0	-2.1	-11.9	-14.1	-14.0	-7.7	1.6	-17.8	-9.1	-14.3	-18.2	-40.8	-6.1	-1.6	0.3	-4.5	-14.7	1.4	-17.3	-7.7	-18.1	-18.8	-17.8

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 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	-0.5	0.2	0.1	0.2	0.2	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	1.1	-0.3	0.1	-0.7	-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	-0.1	0.4	0.1	-3.5	1.2	0.2	0.1	1.0	1.0	0.4	-2.2	0.3	0.3	-0.4	0.5	0.0	0.4	0.0	0.1	1.4	0.5
Feb	-0.2	-0.1	-0.1	-0.5	0.3	-1.2	-1.7	-2.1	0.0	-0.7	-2.1	-0.3	0.8	0.4	0.3	0.9	-0.8	0.0	0.2	0.0	-0.4	-0.4	-0.7
Mar	-5.8	-0.2	-4.2	-11.5	-4.6	-1.5	-0.5	-5.9	-6.2	-9.4	-13.3	-31.1	-2.2	-0.5	-0.2	-1.5	-10.4	0.1	-14.5	-3.2	-12.1	-18.1	-4.7
Apr	-20.4	-5.5	-20.3	-12.2	-24.3	-9.5	-5.3	-40.1	-19.0	-27.0	-28.8	-88.1	-13.0	-5.3	-2.4	-20.1	-28.1	0.0	-33.6	-20.9	-39.7	-40.9	-22.9

1 The GVA output is designated as a National Statistic.

2 Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".

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

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

5 A complete run of data is available on the ONS website.

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

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

GVA3

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

seasonally adjusted 2016=100

Industry sections (SIC2007)																							
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction ⁶	Total service industries	Wholesale and retail: motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
Section	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2016 weights	1000	7	138	10	100	17	10	60	796	104	43	30	63	73	138	75	48	47	59	75	15	21	4
Percentage change, latest month on same month a year ago																							
	ED2R	ED2S	ED2T	ED2U	ED2V	ED2W	ED2X	ED2Y	ED2Z	ED32	ED33	ED34	ED35	ED36	ED37	ED38	ED39	ED3A	ED3B	ED3C	ED3D	ED3E	ED3F
2018 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	-3.1	-0.9	-3.9	-6.1	5.2	0.9	1.3	1.2	1.1	0.0	-1.2	-0.9	1.1	3.5	1.9	1.8	2.8	1.5	1.7	7.0	-13.4
Feb	0.2	-0.3	-3.4	-3.5	-4.3	-3.2	3.8	-2.8	1.1	0.6	-1.1	-0.5	-0.4	0.1	1.4	3.2	0.5	1.4	2.8	1.4	1.6	5.8	-11.7
Mar	-5.7	-0.3	-8.2	-15.5	-9.7	-3.9	2.9	-7.1	-5.2	-9.5	-14.4	-30.9	-2.0	0.1	1.0	1.5	-10.1	1.4	-12.4	-2.0	-11.0	-13.4	-11.6
Apr	-24.5	-5.7	-24.4	-23.6	-28.5	-15.8	-2.0	-44.0	-23.2	-34.0	-39.2	-91.7	-15.7	-4.9	-1.5	-18.3	-34.8	1.4	-42.0	-22.5	-45.5	-48.7	-30.7

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

Industry sections (SIC2007)																							
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction ⁴	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
Section	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2016 weights	1000	7	138	10	100	17	10	60	796	104	43	30	63	73	138	75	48	47	59	75	15	21	4
Percentage change, latest 3 months on previous 3 months ³																							
2018 Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019 Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
2020 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 ³																							
2018 Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019 Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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										

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

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

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

seasonally adjusted 2016=100

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	T
2016 weights	1000	7	138	10	100	17	10	60	796	104	43	30	63	73	138	75	48	47	59	75	15	21	4

Contribution to growth, latest 3 months on previous 3 months

		EDMB	EDMC	EDMD	EDME	EDMF	EDMG	EDMH	EDMI	EDMJ	EDMK	EDML	EDMM	EDMN	EDMO	EDMP	EDMQ	EDMR	EDMS	EDMT	EDMU	EDMV	EDMW	EDMX
2018	Apr	-0.01	-0.01	-0.02	0.03	-0.08	0.04	-0.01	-0.18	0.21	0.05	-0.02	0.01	0.02	0.06	0.05	0.04	-0.04	-0.01	0.02	0.02	0.00	0.01	0.01
	May	0.21	-0.01	-0.06	0.05	-0.10	-0.02	0.01	-0.14	0.43	0.11	0.00	0.03	0.08	0.01	0.05	0.08	-0.01	0.00	0.03	0.00	0.01	0.02	0.01
	Jun	0.59	-0.01	-0.06	0.04	-0.04	-0.07	0.03	0.05	0.61	0.20	0.06	0.05	0.10	-0.04	0.03	0.07	0.04	0.02	0.03	-0.01	0.02	0.02	0.01
2019	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
2020	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
2021	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
2022	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
2023	Jul	0.15	0.00	-0.13	-0.01	-0.18	0.02	0.03	-0.13	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
2024	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	0.10	0.13	-0.03	-0.01	0.00	-0.04	-0.03	0.04	0.03	0.06	0.04	0.01	0.02	0.02	0.02	-0.02
2025	Jan	-0.04	0.00	-0.14	-0.03	-0.12	0.00	0.01	0.07	0.03	-0.06	0.00	0.03	-0.11	-0.05	0.04	-0.01	0.06	0.04	0.05	0.00	0.03	0.02	-0.01
	Feb	0.01	0.00	-0.12	-0.04	-0.06	-0.05	0.01	-0.01	0.13	-0.03	0.00	0.04	-0.11	-0.02	0.06	0.03	0.04	0.03	0.05	0.00	0.03	0.02	0.00
	Mar	-1.97	0.00	-0.27	-0.04	-0.16	-0.09	0.01	-0.16	-1.54	-0.32	-0.21	-0.27	-0.18	0.00	0.06	-0.01	-0.18	0.01	-0.24	-0.08	-0.06	-0.08	0.00
	Apr	-10.35	-0.01	-1.25	-0.11	-0.98	-0.12	-0.03	-1.13	-7.94	-1.54	-0.77	-1.15	-0.44	-0.10	-0.05	-0.54	-0.86	0.01	-1.11	-0.68	-0.33	-0.38	-0.03

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	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	
2019	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	
	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	
2020	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	0.78	-0.01	-0.35	-0.02	-0.34	-0.04	0.04	0.14	0.99	0.12	0.02	0.00	0.08	-0.11	0.12	0.19	0.11	0.11	0.16	0.13	0.02	0.08	-0.05
		Feb	0.65	0.00	-0.39	-0.02	-0.37	-0.05	0.05	0.04	1.00	0.12	0.01	0.00	0.01	-0.06	0.15	0.25	0.09	0.09	0.16	0.12	0.02	0.09	-0.04
		Mar	-1.61	0.00	-0.67	-0.06	-0.59	-0.07	0.05	-0.19	-0.76	-0.28	-0.20	-0.30	-0.09	-0.02	0.15	0.21	-0.14	0.08	-0.13	0.02	-0.04	0.00	-0.04
		Apr	-9.98	-0.01	-1.60	-0.13	-1.37	-0.12	0.02	-1.11	-7.25	-1.53	-0.77	-1.16	-0.44	-0.10	0.04	-0.35	-0.80	0.07	-1.00	-0.59	-0.29	-0.30	-0.05

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

seasonally adjusted 2016=100

	Industry sections (SIC2007)																							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		
Section	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
2016 weights	1000	7	138	10	100	17	10	60	796	104	43	30	63	73	138	75	48	47	59	75	15	21	4	

Contribution to growth, latest month on previous month

		EDKH	EDKI	EDKJ	EDKK	EDKL	EDKM	EDKN	EDKO	EDKP	EDKQ	EDKR	EDKS	EDKT	EDKU	EDKV	EDKW	EDKX	EDKY	EDKZ	EDLA	EDLB	EDLC	EDLD
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
	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
2019	Jun	0.31	0.00	0.14	0.00	0.07	0.04	0.03	0.05	0.12	-0.01	0.04	0.02	0.01	-0.03	-0.01	-0.01	0.08	0.02	0.01	0.00	0.00	0.01	0.00
	Jul	0.27	0.00	0.04	0.04	-0.02	0.04	0.00	0.01	0.22	0.12	0.01	0.02	0.01	-0.03	0.00	-0.10	-0.01	0.02	0.00	0.00	-0.02	-0.01	0.00
2019	Aug	0.12	0.00	-0.02	0.01	-0.02	0.00	0.00	-0.02	0.17	-0.01	0.01	-0.03	0.17	-0.02	-0.01	0.01	0.00	0.01	0.01	0.02	0.01	0.00	0.00
	Sep	0.01	0.00	-0.08	-0.03	-0.02	-0.03	0.00	0.05	0.03	-0.07	0.01	0.01	0.09	-0.02	-0.01	0.02	-0.02	0.00	0.01	0.02	0.02	-0.03	0.00
2019	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
	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
2019	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
	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
	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
	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
	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
	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
	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	-0.07	0.02	0.00	0.02	0.00	0.05	0.00	0.00
2020	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
	Jan	0.09	0.00	-0.02	0.00	0.01	-0.05	0.01	0.01	0.10	0.11	0.04	0.01	-0.16	0.02	0.03	-0.03	0.03	0.00	0.03	0.00	0.00	0.02	0.00
2020	Feb	-0.17	0.00	-0.02	0.00	0.03	-0.02	-0.02	-0.13	-0.02	-0.07	-0.09	-0.01	0.06	0.03	0.03	0.07	-0.05	0.00	0.01	0.00	-0.01	-0.01	0.00
	Mar	-5.85	0.00	-0.55	-0.10	-0.43	-0.02	-0.01	-0.36	-4.93	-1.00	-0.55	-0.88	-0.16	-0.03	-0.02	-0.12	-0.57	0.01	-0.86	-0.25	-0.20	-0.30	-0.01
2020	Apr	-20.40	-0.04	-2.69	-0.10	-2.33	-0.15	-0.07	-2.44	-15.20	-2.77	-1.10	-1.82	-0.98	-0.37	-0.33	-1.69	-1.46	0.00	-1.81	-1.65	-0.61	-0.59	-0.06

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	Apr	1.49	-0.02	0.22	0.06	0.14	0.02	0.00	-0.10	1.40	0.20	0.01	0.02	0.31	-0.07	0.10	0.48	0.33	-0.01	0.01	-0.02	0.00	0.01	0.01
	May	1.63	-0.02	0.12	0.04	0.18	-0.12	0.02	0.01	1.53	0.46	0.05	0.05	0.32	-0.08	0.11	0.39	0.19	0.00	0.03	-0.03	0.03	0.00	0.01
	Jun	1.78	-0.03	0.24	0.01	0.22	-0.06	0.06	0.06	1.51	0.34	0.13	0.10	0.17	-0.08	0.12	0.34	0.25	0.03	0.04	-0.02	0.05	0.03	0.00
	Jul	2.11	-0.03	0.25	0.06	0.18	-0.02	0.03	0.09	1.80	0.50	0.11	0.05	0.28	-0.11	0.12	0.41	0.23	0.07	0.04	0.01	0.02	0.03	0.00
	Aug	1.96	-0.03	0.21	0.08	0.12	-0.02	0.04	-0.01	1.80	0.42	0.12	0.07	0.41	-0.09	0.10	0.38	0.21	0.08	0.04	0.03	0.01	-0.01	0.01
2019	Sep	1.71	-0.03	-0.02	0.02	-0.01	-0.06	0.03	0.06	1.70	0.33	0.11	0.11	0.45	-0.09	0.11	0.33	0.15	0.08	0.05	0.06	0.03	-0.02	0.01
	Oct	2.11	-0.02	-0.08	0.03	-0.12	-0.01	0.02	0.20	2.01	0.39	0.12	0.13	0.35	-0.05	0.10	0.43	0.21	0.06	0.08	0.12	0.04	-0.01	0.02
	Nov	1.92	-0.02	-0.11	0.00	-0.09	-0.04	0.02	0.04	2.01	0.46	0.15	0.14	0.41	-0.09	0.07	0.39	0.18	0.06	0.10	0.11	0.04	-0.01	0.02
	Dec	1.24	-0.02	-0.16	0.15	-0.21	-0.09	0.01	-0.23	1.65	0.38	0.15	0.11	0.37	-0.13	0.08	0.28	0.10	0.07	0.12	0.09	0.04	-0.02	0.01
	2019	Jan	1.70	-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
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
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
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
2020		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
	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
	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
	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
	2020	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
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
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
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	0.65	0.00	-0.42	-0.01	-0.39	-0.10	0.06	0.05	1.02	0.13	0.05	0.00	-0.09	-0.06	0.14	0.27	0.10	0.09	0.16	0.12	0.03	0.11
	Feb	0.22	0.00	-0.46	-0.03	-0.43	-0.05	0.05	-0.17	0.85	0.06	-0.05	-0.01	-0.03	0.00	0.18	0.25	0.03	0.07	0.16	0.11	0.03	0.09	-0.03
	Mar	-5.70	0.00	-1.12	-0.14	-0.97	-0.06	0.03	-0.44	-4.14	-1.01	-0.61	-0.87	-0.14	0.01	0.14	0.12	-0.55	0.07	-0.72	-0.15	-0.18	-0.21	-0.03
	Apr	-24.54	-0.04	-3.23	-0.21	-2.73	-0.25	-0.02	-2.72	-18.52	-3.65	-1.66	-2.59	-1.15	-0.32	-0.20	-1.43	-1.89	0.07	-2.45	-1.72	-0.73	-0.77	-0.08