

Statistical bulletin

# GDP monthly estimate, UK: November 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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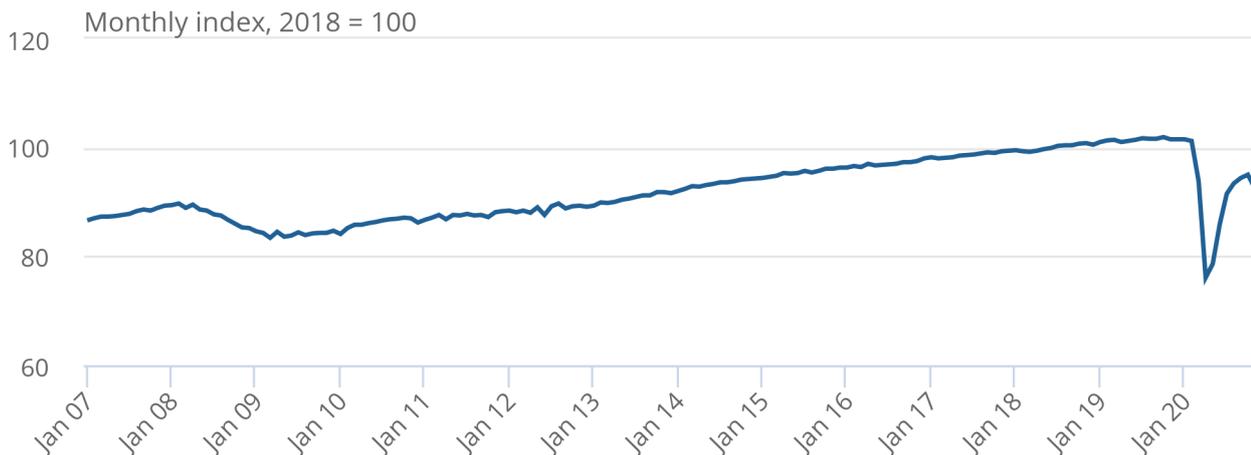
# 1 . UK GDP fell by 2.6% in November 2020

Figure 1: GDP fell by 2.6% in November 2020 as government restrictions reduced economic activity

Monthly index, January 2007 until November 2020, 2018 = 100

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Monthly index, January 2007 until November 2020, 2018 = 100



Source: Office for National Statistics – GDP monthly estimate

GDP estimates for November 2020 are subject to [more uncertainty than usual](#) as a result of the challenges we faced estimating GDP in the current conditions.

Following six consecutive monthly increases, including an upwardly revised 0.6% increase in October, real gross domestic product (GDP) fell by 2.6% in November 2020. Restrictions were in place to varying degrees across all four nations of the UK during November.

Restriction announcements for each nation are available:

- [England](#)
- [Scotland](#)
- [Wales](#)
- [Northern Ireland](#)

November GDP fell back to 8.5% below the levels seen in February 2020 compared with 6.1% below in October 2020. GDP fell by 8.9% in the 12 months to November 2020, compared with an annual decline of 6.8% to October.

**Figure 2: While construction output has continued to increase in November 2020, the output in headline GDP, services, and production has fallen**

Monthly index, January 2020 until November 2020, January 2020 = 100

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Monthly index, January 2020 until November 2020, January 2020 = 100



Source: Office for National Statistics – GDP monthly estimate

The services sector acted as the main drag on growth in November, falling by 3.4% as [restrictions on activity](#) were reintroduced in some parts of the UK in response to the coronavirus (COVID-19) pandemic. The services sector is now 9.9% below the level of February 2020.

The production sector also fell marginally by 0.1% in November 2020, remaining 4.7% below the February 2020 level. Elsewhere the construction sector saw positive growth of 1.9% in November 2020, recovering to 0.6% above the February 2020 level.

There were falls in output in all 14 services sub-sectors between October and November 2020. The largest contributor to this fall was accommodation and food service activities, followed by wholesale and retail trade, other service activities and arts, entertainment and recreation, because of the reintroduction of restrictions in some parts of the UK. These four sectors accounted for nearly 80% of the fall in services.

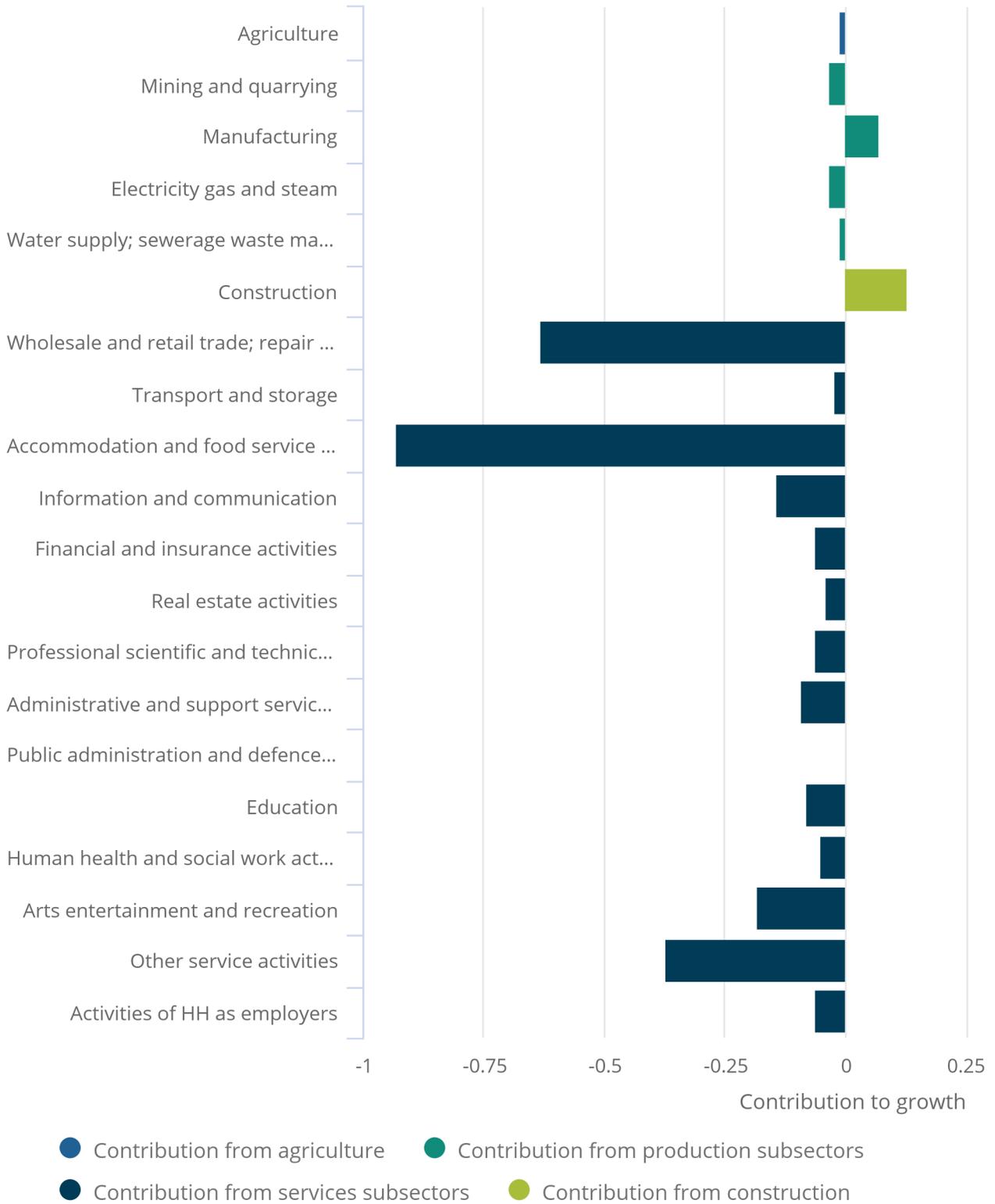


**Figure 3: Widespread contractions in the services sector contributed to the fall in GDP in November 2020**

Contribution to monthly GDP, percentage points, November 2020

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Contribution to monthly GDP, percentage points, November 2020



Notes:

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

This release features revisions to the monthly data back to January 2019, consistent with the [Quarterly National Accounts](#) published on 22 December 2020. While the revisions are small at headline level across 2019 and 2020, it is worth noting that there has been a comparatively larger revision to the construction sector in 2020. Construction output in October is now estimated to be 1.3% below its February 2020 level, compared with the previously published 6.4% below. In addition, October 2020 is open to revision to incorporate latest data. More detail can be found in [Revisions in Section 5](#).

Looking ahead, results from [Wave 21](#) of the Business Impact of Coronavirus (COVID-19) Survey (BICS), which covered the dates 14 to 27 December 2020, found that of businesses currently trading, 42% reported their turnover had decreased below what is normally expected for December, compared with 45% reporting decreases at the end of November in Wave 19. The accommodation and food service activities industry and the arts, entertainment and recreation industry had the highest percentages of businesses experiencing a decrease in turnover compared with normal expectations for this time of year, both at 76%. This was followed by the other service activities industry (which includes hairdressing and other beauty treatment activities), at 69%.

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.

GDP grew by 4.1% in the three months to November 2020, down from 10.5% in the three months to October. This reflects the easing of lockdown measures in earlier months and some recovery from the steep contraction in April 2020.

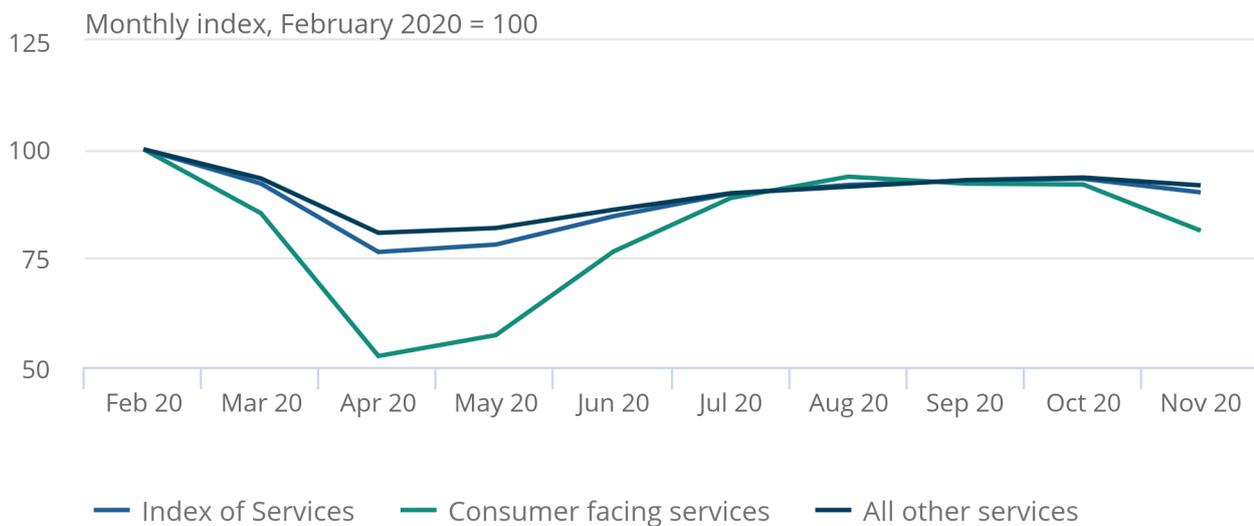
## 2 . Output in the services sector fell by 3.4% in November 2020

**Figure 4: Consumer-facing services saw a greater loss in output compared with all other services as restrictions on activity were reintroduced in November 2020**

Monthly index, February to November 2020, February 2020 = 100

Figure 4: Consumer-facing services saw a greater loss in output compared with all other services as restrictions on activity were reintroduced in November 2020

Monthly index, February to November 2020, February 2020 = 100



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

**Notes:**

1. Consumer-facing services refer to retail trade, food and beverage serving activities, travel and transport, and entertainment and recreation (Standard Industrial Classification 2007 codes 45, 47, 49.1-2, 56, 68.1-2, 75, 79, 92, 93, 94, 96 and 97).

Figure 4 shows the performance of total services output, a composite industrial indicator based on output in 'consumer-facing' services, and output in all other industries in the services sector. Consumer-facing services saw the greatest loss in output after the introduction of restrictions on activity introduced in March 2020. As lockdown restrictions were eased, consumer-facing services initially recovered more than all the other service sector industries because of consumer demand for pubs and restaurants (boosted by the [Eat Out to Help Out](#) scheme), personal services, and retail. However, in November 2020, consumer-facing services weakened as restrictions were reintroduced in some parts of the UK.

Trade of motor vehicles and retail trade, as well as food and beverage activities, were the services industries that contributed most to the falls in both April and November 2020 as restrictions on activity in response to the coronavirus pandemic were introduced in both months. While not predominantly consumer facing, both warehousing and support activities for transportation and postal and courier activities contributed positively to growth in November 2020, growing by 2.5% and 2.7% respectively. This strength was driven by increased online retail activity during this period, due to Black Friday and the build-up to Christmas.

Services output grew by 3.7% in the three months to November 2020. This was driven by increases in nearly every industry, most notably education and health which combined contributed 1.48 percentage points. However it is important to note that these data are based on early outturns and forecasts, and can be subject to revisions.

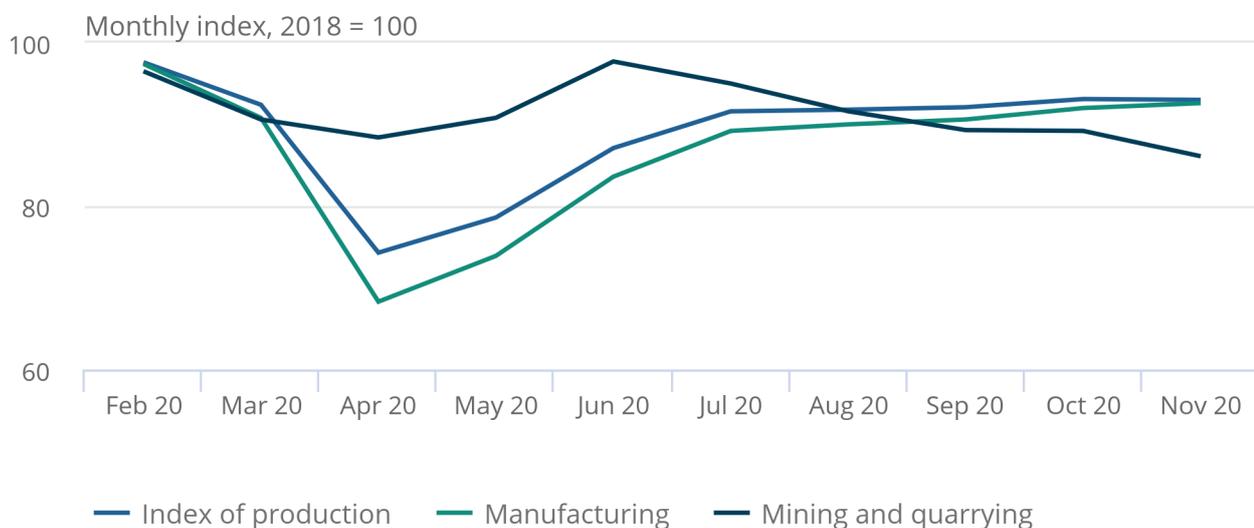
### 3 . Output in the production sector fell by 0.1% in November 2020

**Figure 5: Manufacturing has continued its recovery, while mining and quarrying has fallen every month since a peak in June 2020**

Monthly index, February 2020 to November 2020, 2018 = 100

Figure 5: Manufacturing has continued its recovery, while mining and quarrying has fallen every month since a peak in June 2020

Monthly index, February 2020 to November 2020, 2018 = 100



Source: Office for National Statistics – GDP monthly estimate

Production fell marginally by 0.1% in November 2020 as three out of the four sub-sectors fell. Mining and quarrying fell by 3.4% due to reduced demand in the global market. This was the fifth consecutive monthly fall, driven by a fall of 4.5% from oil and gas extraction. The decline in oil and gas extraction since June 2020 is because of a slump in oil prices amid tightened restrictions impacting on demand.

Electricity, gas, steam and air conditioning supply and water supply also fell by 2.3% and 0.4% respectively.

Elsewhere in production, the manufacturing sector grew by 0.7%, with 8 out of its 13 sub-sectors increasing. The largest contribution came from the manufacture of motor vehicles industry, which grew 5.7% in November 2020. This is a result of growth from large businesses to meet increased demand, and this industry is now 1.3% above its February 2020 level.

Output in the production sector grew by 2.9% in the three months to November 2020. This was driven by increases in three out of four sub-sectors.

Manufacturing grew by 4.7% as a result of 12 out of the 13 sub-sectors increasing in the three months to November 2020. Most notably, the manufacture of transport equipment grew by 18.9%, however, it is still 15.3% below its pre-pandemic level. Despite the recovery in manufacture of motor vehicles industry (as noted in the previous paragraph), the manufacture of air and spacecraft in this sub-sector has struggled to regain output and remains 35.5% below the February level.

Water supply, sewerage and waste management and remediation activities grew by 1.2% in the three months to November 2020 as a result of a general increase in commercial, industrial and construction waste activity.

The electricity, gas, steam and air conditioning supply sub-sector increased by 0.2% in the three months to November 2020 as a result of increased demand as more factories and premises reopened.

Mining and quarrying fell by 6.9% in the three months to November 2020 as a result of declines in August because of planned maintenance shutdowns as well as a fall in oil prices, which has led to a recent decline for oil and gas extraction output.

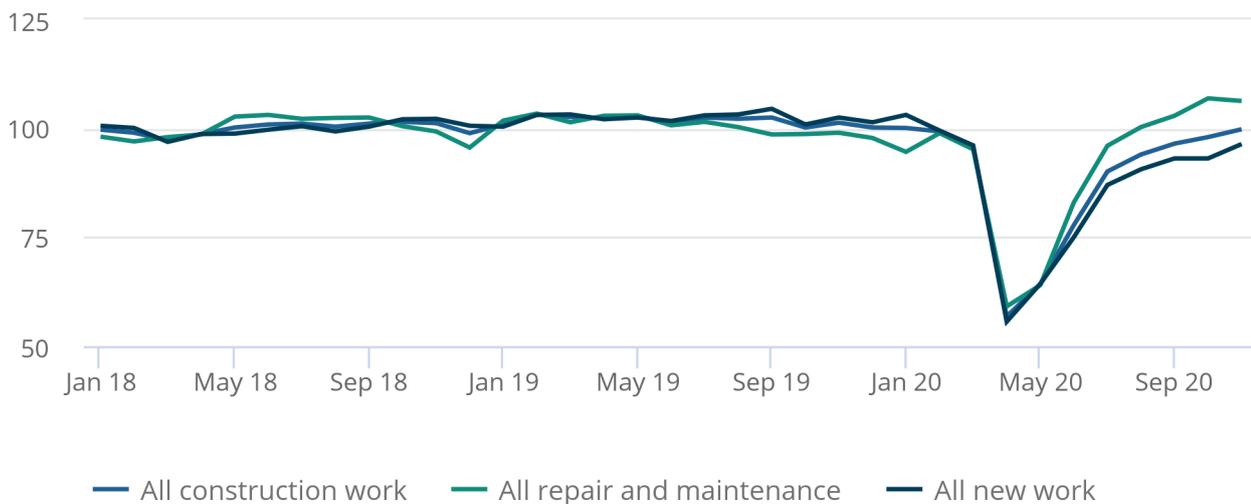
## 4 . The construction sector grew by 1.9% in November

**Figure 6: In recent months construction output has seen a divergence between repair and maintenance and new work activity**

Monthly index, January 2018 to November 2020, 2018 = 100

Figure 6: In recent months construction output has seen a divergence between repair and maintenance and new work activity

Monthly index, January 2018 to November 2020, 2018 = 100



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

Output in construction grew by 1.9% in November 2020, the seventh consecutive month of growth, suggesting this sub-sector was largely unaffected by the reintroduction of new restrictions. Health and safety measures such as social distancing, where businesses are working on premises and sites, continue to reduce capacity and level of work which is still down on the previous year's level. However, unlike the government guidelines on restrictions in movement during the first lockdown in April and May, the construction industry remained broadly open across Great Britain in November 2020.

This monthly growth is driven by increases in both infrastructure (9.6%) and private new housing (4.7%) meaning both sectors are above their pre-pandemic February 2020 levels at 9.1% and 4.2% respectively.

Over recent months, repair and maintenance has also performed more strongly than new work as all components recovered to their pre-pandemic February 2020 level.

The construction sector grew by 12.4% in the three months to November 2020. The main contributor to this increase was new housing, in particular private new housing, which recovered after record low output in April 2020.

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

### Revisions

This release gives data for November 2020 for the first time and incorporates revisions to monthly data from January 2019 to September 2020 as published in the [Quarterly National Accounts](#) release on 22 December 2020. October 2020 is also open to revision, taking on updated survey data. Table 1 shows the revisions to monthly GDP and sub-sectors for 2020.

Table 1: Contributions to revision to month-on-month growth for GDP and its sub-sectors  
Percentage points, January to October 2020

	Jan 2020	Feb 2020	Mar 2020	April 2020	May 2020	June 2020	July 2020	Aug 2020	Sep 2020	Oct 2020
<b>GDP</b>	-0.1	0	0	0.7	0.5	0.2	0.2	-0.1	0	0.2
<b>Index of services</b>	-0.1	-0.1	0	0.7	0.3	0.1	0.3	-0.1	0.1	0.2
<b>Index of production</b>	0	0	-0.1	0	0	0.1	0	0	-0.1	-0.1
<b>Construction</b>	0	0	0.2	0	0.2	0	-0.1	0.1	0	0

Source: Office for National Statistics - GDP monthly estimate

Further details about the main changes affecting this release are provided in the latest [Quarterly national accounts](#) release, along with analysis of the revisions to each quarter from 2019 onwards.

### Coronavirus (COVID-19)

This release captures the direct effects of the coronavirus (COVID-19) pandemic and the government measures taken to reduce transmission of the virus. We have faced an increased number of challenges in producing monthly and quarterly estimates of UK gross domestic product (GDP). 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 November 2020 are subject to more uncertainty than usual.

Early in the pandemic we face some challenges in timely responses to the monthly business survey as businesses adapted to new conditions. In recent months response rates have improved and are shown for the latest months in Table 2.

Table 2: Breakdown of components' response rates for Monthly Business Survey (MBS)

### October MBS Response rates

	First October estimate	Current Estimate
<b>Index of Services</b>	79.8%	79.0%
<b>Index of Production</b>	84.0%	91.0%
<b>Construction</b>	74.3%	84.0%

### November MBS Response rates

	First November estimate
<b>Index of Services</b>	82.3%
<b>Index of Production</b>	80.7%
<b>Construction</b>	70.2%

Source: Office for National Statistics - GDP monthly estimate

#### Notes

1. Table shows MBS turnover response rates.
2. Response rate for all months, both questionnaire and turnover, can be found in [Index of Production](#), [Index of Services](#), and [Construction](#).

## End of EU Exit Transition period

As the UK enters into a new Trade and Cooperation Agreement with the EU, the UK statistical system will continue to produce and publish our wide range of economic and social statistics and analysis. We are committed to continued alignment with the highest international statistical standards, enabling comparability both over time and internationally, and ensuring the general public, statistical users and decision makers have the data they need to be informed.

Additionally, the Withdrawal Agreement outlines a need for UK gross national income (a fundamental component of the national accounts, which includes GDP) statistics to remain in line with those of other EU countries until EU budget contributions are finalised for the years in which we were a member, and making budget contributions during the transition period. To ensure this comparability during this period, the national accounts will continue to be produced according to European System of Accounts (ESA) 2010 definitions and standards until at least 2024.

As the shape of the UK's future statistical relationship with the EU becomes clearer over the coming period, we are making preparations to assume responsibilities that as part of our membership of the EU, and during the transition period, were delegated to the statistical office of the EU, Eurostat. This includes responsibilities relating to international comparability of economic statistics, deciding what international statistical guidance to apply in the UK context and to provide further scrutiny of our statistics and sector classification decisions.

In applying international statistical standards and best practice to UK economic statistics, we will draw on the technical advice of experts in the UK and internationally, and our work will be underpinned by the UK's well-established and robust framework for independent official statistics, set out in the Statistics and Registration Service Act 2007. Further information on our proposals will be made available in early this year.

## Communicating gross domestic product

[Recent analysis](#) explains our latest position on how we are looking to communicate GDP, including how we will continue to acknowledge that “technical” recessions are comprised of at least two consecutive quarters of contracting GDP.

While it is still true that these early estimates are prone to revision, we prefer to focus on the magnitude of the contraction that has taken place following the COVID-19 pandemic. It is clear that the contraction in GDP in Quarter 2 (Apr to June) 2020 was in the largest recession on record. Our latest estimates show that the UK economy is now 8.5% smaller than it was in February, the effects of which have been most pronounced in those industries that are most exposed to public health restrictions and the effects of social distancing.

## 6 . 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](#).

## 7 . Related links

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

Bulletin | Released 15 January 2021

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: November 2020](#)

Bulletin | Released 15 January 2021

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: November 2020](#)

Bulletin | Released 15 January 2021

Monthly movements in output for the services industries.

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

Article | Released 15 January 2021

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

### [GDP quarterly national accounts, UK: July to September 2020](#)

Bulletin | Released 22 December 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.

### [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.

Industry sections (SIC2007)

Section	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction <sup>6</sup>	Total service industries	Wholesale and retail: motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support 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
2018 weights	1000	6	139	11	101	14	13	64	790	104	40	29	66	68	135	77	53	49	57	75	16	18	3
	YBFR	L2KL	L2KQ	L2KR	L2KX	L2MW	L2N2	L2N8	L2NC	L2NE	L2NI	L2NQ	L2NT	L2O6	L2OC	L2OI	L2OX	L2P8	L2PA	L2PC	L2PJ	L2PP	L2PT
	ECY2	ECY3	ECY4	ECY5	ECY6	ECY7	ECY8	ECY9	ECYC	ECYD	ECYG	ECYH	ECYI	ECYJ	ECYK	ECYL	ECYP	ECYQ	ECYR	ECYS	ECYT	ECYU	ECYV
2015	95.4	103.4	96.3	96.5	96.4	99.7	93.3	90.6	95.6	91.9	99.2	95.9	87.3	96.5	100.2	89.7	91.9	101.4	100.6	96.9	100.4	103.8	80.5
2016	97.0	97.2	97.3	94.3	96.6	103.3	99.2	94.2	97.1	95.1	97.6	97.1	91.6	100.6	101.7	92.4	93.0	99.3	99.3	98.3	98.4	97.3	95.7
2017	98.7	103.4	99.1	95.0	98.9	101.2	101.5	100.0	98.5	97.0	98.5	98.6	95.6	100.9	100.7	95.8	96.6	99.3	99.8	99.4	101.0	97.4	95.5
2018	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
2019	101.4	106.3	98.8	99.1	98.2	101.1	100.4	101.8	101.8	102.4	101.7	102.5	107.4	97.4	100.6	102.0	102.5	102.1	102.9	101.1	101.3	98.9	102.6
2018 Nov	100.8	101.3	98.9	100.0	98.9	98.3	99.2	101.2	101.0	102.0	102.2	102.3	101.9	99.3	100.2	101.9	101.9	100.5	101.0	100.4	99.8	98.3	106.3
2018 Dec	100.5	103.1	98.9	99.0	98.9	98.5	99.2	105.6	100.9	100.5	101.3	101.5	105.6	98.7	100.3	101.2	100.4	100.5	101.1	100.2	102.3	97.2	106.9
2019 Jan	101.0	103.3	99.7	97.0	100.0	100.9	98.8	100.9	101.2	101.8	101.1	102.7	106.6	98.7	100.4	99.7	101.8	101.3	101.1	100.4	100.9	97.2	102.8
2019 Feb	101.3	103.1	100.0	99.1	100.4	97.7	99.6	103.2	101.3	101.9	101.6	102.8	106.0	98.2	100.4	100.8	102.4	101.6	101.3	100.5	101.0	97.8	101.8
2019 Mar	101.4	103.6	101.2	103.4	101.5	98.3	100.0	102.6	101.4	102.5	101.6	102.1	105.8	97.3	100.5	100.7	102.6	101.8	101.8	100.7	101.4	98.0	101.9
2019 Apr	101.0	104.4	98.1	96.8	97.6	101.3	100.2	102.4	101.4	102.6	102.1	101.9	106.8	96.9	100.5	100.6	101.6	101.8	102.4	100.7	100.3	96.9	103.8
2019 May	101.2	105.3	99.3	99.7	98.5	102.6	101.8	101.4	102.7	101.4	102.7	101.1	101.4	96.7	100.8	100.5	102.1	101.8	102.7	100.9	99.2	97.9	103.4
2019 Jun	101.4	105.9	99.0	97.3	98.2	103.6	102.3	101.4	101.8	102.3	100.6	103.8	108.4	97.0	100.6	102.2	101.8	101.8	102.8	101.2	102.0	97.8	101.3
2019 Jul	101.7	106.8	98.7	96.4	98.4	100.6	100.8	102.5	102.1	102.6	102.4	103.2	108.3	97.5	100.6	102.5	104.1	101.9	102.7	101.5	100.7	97.8	101.6
2019 Aug	101.6	107.8	97.7	98.1	96.9	99.6	101.1	102.2	102.2	102.8	101.7	102.0	107.5	98.2	100.6	103.4	103.0	102.1	102.9	101.6	102.8	99.7	100.1
2019 Sep	101.6	108.5	98.2	106.3	96.9	99.2	100.8	102.5	102.1	102.6	101.6	101.8	108.9	97.6	100.7	102.9	101.8	102.5	103.5	101.5	100.4	100.5	99.8
2019 Oct	101.9	108.9	98.8	99.1	98.0	103.7	99.7	102.9	102.5	103.2	102.9	101.9	108.9	97.7	100.7	104.0	102.2	102.9	104.1	101.3	100.4	101.8	102.1
2019 Nov	101.5	109.0	97.6	99.6	96.2	104.1	99.5	101.3	102.2	102.3	102.0	103.2	106.9	96.5	100.6	102.9	102.9	102.9	104.9	101.5	102.9	101.8	104.7
2019 Dec	101.5	108.9	97.2	96.4	96.3	101.8	100.1	100.2	102.3	102.1	101.6	102.7	107.4	96.6	100.9	103.3	103.4	103.1	105.1	101.6	103.2	99.3	107.4
2020 Jan	101.5	108.4	97.2	96.6	96.7	98.6	100.7	100.1	102.2	103.3	102.3	101.9	105.1	96.8	101.0	103.2	103.4	103.2	105.0	101.5	102.9	98.7	106.2
2020 Feb	101.2	107.4	97.6	96.5	97.4	98.2	99.6	99.3	101.9	102.2	99.6	103.4	106.6	96.9	101.3	103.1	102.0	103.4	102.9	101.3	101.0	98.3	102.0
2020 Mar	93.8	105.5	92.4	90.6	90.8	98.1	100.6	95.7	93.8	91.7	86.8	70.7	105.5	95.8	101.0	101.4	91.4	103.5	78.7	88.2	84.8	84.0	80.9
2020 Apr	76.1	99.1	74.3	88.4	68.3	89.3	92.7	56.8	77.9	65.6	62.4	10.2	94.6	92.0	98.8	83.6	66.6	103.9	66.5	70.6	54.7	50.6	59.2
2020 May	78.6	99.9	78.6	90.8	73.9	90.1	92.7	11.6	64.2	92.7	79.6	74.4	67.3	92.5	98.4	82.2	66.5	104.1	71.3	72.7	51.5	53.5	62.2
2020 Jun	85.9	103.0	87.1	97.7	83.6	93.9	98.2	77.8	86.2	79.0	23.7	97.0	93.3	98.3	89.0	76.8	104.3	77.6	75.9	60.8	56.9	66.5	66.5
2020 Jul	91.5	106.0	91.6	95.0	89.2	98.4	99.7	90.1	91.4	103.0	83.0	55.0	99.6	94.1	98.9	92.0	80.6	104.5	85.0	81.3	70.5	83.4	84.5
2020 Aug	93.4	107.2	91.8	91.6	90.0	98.0	98.4	94.0	93.5	103.0	84.1	88.0	98.2	94.6	99.1	92.1	81.6	104.7	89.3	85.2	70.8	83.9	93.1
2020 Sep	94.4	107.1	92.1	89.3	90.6	97.9	100.0	96.5	94.5	102.6	86.5	78.0	98.2	94.8	99.3	95.7	82.8	104.9	95.1	88.3	73.3	86.9	94.1
2020 Oct	95.0	105.6	93.1	89.2	92.0	97.5	100.2	98.0	95.0	103.6	87.8	67.2	99.9	94.6	99.4	96.9	83.9	105.2	96.4	90.6	74.3	87.1	92.6
2020 Nov	92.5	104.0	93.0	86.1	92.6	95.3	99.8	99.8	91.7	97.8	87.3	37.6	97.9	93.7	99.1	96.2	82.2	105.1	95.1	89.9	63.9	67.2	73.8
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	0.0	0.3	2.3	-0.5	2.1	3.0	3.8	2.5	3.5	1.0	5.0	6.2	-4.8	3.5	5.2	5.3	-1.9	1.0	2.3	1.6	4.5	1.7
2016	1.6	-5.9	1.1	-2.3	0.3	3.6	6.3	4.1	1.6	3.5	-1.6	1.2	5.0	4.3	1.5	3.0	1.2	-2.1	-1.3	1.4	-2.0	-6.3	18.9
2017	1.7	6.3	1.8	0.7	2.3	-2.1	2.3	6.1	1.4	1.9	1.0	1.6	4.4	0.3	-1.0	3.6	3.8	0.0	0.5	1.0	2.6	0.1	-0.2
2018	1.3	-3.3	0.9	5.3	1.1	-1.2	-1.4	0.0	1.6	3.1	1.5	1.4	4.6	-0.9	-0.7	4.4	3.6	0.7	0.2	0.6	-1.0	2.6	4.7
2019	1.4	6.3	-1.2	-0.9	-1.8	1.1	0.4	1.8	1.8	2.4	1.7	2.5	7.4	-2.6	0.6	2.0	2.5	2.1	2.9	1.1	1.3	-1.1	2.6
Percentage change, latest 3 months on previous 3 months																							
	ED3H	ED3I	ED3J	ED3K	ED3L	ED3M	ED3N	ED3O	ED3P	ED3Q	ED3R	ED3S	ED3T	ED3U	ED3V	ED3W	ED3X	ED3Y	ED3Z	ED42	ED43	ED44	ED9R
2018 Nov	0.4	0.9	-0.7	-2.2	-0.5	-0.2	-1.6	0.5	0.6	0.2	1.4	0.7	2.4	-0.3	0.4	1.1	0.8	0.3	0.9	0.7	-0.5	-2.4	5.2
2018 Dec	0.3	1.8	-1.3	-3.3	-1.1	-1.2	-1.2	-0.3	0.6	0.1	1.6	1.3	2.1	-0.6	0.4	0.9	1.2	0.0	1.2	0.4	0.9	-2.3	6.7
2019 Jan	0.2	2.6	-0.9	-3.7	-0.7	0.2	-1.2	-0.7	0.5	0.4	0.5	1.9	2.9	-0.9	0.2	0.0	0.9	0.1	1.1	0.1	1.7	-2.5	2.8
2019 Feb	0.3	2.7	-0.1	-2.3	0.1	0.5	-0.5	-0.3	0.4	0.2	-0.3	1.2	4.0	-1.1	0.2	-0.8	0.4	0.6	0.7	0.0	2.0	-1.7	-0.6
2019 Mar	0.6	1.8	1.2	-0.3	1.6	0.7	0.0	1.6	0.4	0.8	-0.5	0.9	3.1	-1.2	0.2	-1.1	1.0	0.5	0.2	0.6	-0.7	-4.2	-0.4
2019 Apr	0.5	1.1	0.6	1.1	0.6	-0.1	0.9	2.4	0.3	0.9	0.2	0.1	1.4	-1.5	0.2	-0.2	0.8	1.0	0.8	0.3	-0.1	0.0	-2.7
2019 May	0.3	1.2	0.0	1.6	-0.6	1.7	1.5	1.5	0.3	1.1	0.3	-0.5	0.4	-1.6	0.2	0.0	0.6	0.7	1.1	0.4	-1.1	0.3	-0.8
2019 Jun	0.0	1.8	-1.5	-1.9	-2.5	3.6	1.9	-0.1	0.2	0.4	-0.1	-0.2	1.1	-1.3	0.2	0.7	-0.4	0.2	1.2	0.5	-0.6	-0.1	0.7
2019 Jul	0.2	2.2	-0.8	-2.0	-1.5	3.2	1.7	-0.5	0.4	0.2	-0.4	0.5	1.6	-0.4	0.2	1.0	0.5	0.1	0.9	0.6	-0.3	0.3	-0.4
2019 Aug	0.3	2.3	-1.1	-2.7	-1.4	0.5	0.8	-0.5	0.6	0.0	0.0	1.2	1.5	0.6	0.0	2.1	0.8	0.1	0.5	0.7	1.5	0.8	-2.0
2019 Sep	0.4	2.4	-0.7	2.4	-0.7	-2.7	-0.5	0.2	0.6	0.2	0.6	0.0	0.8	1.0	0.0	1.8	1.1	0.3	0.4	0.6	0.8	1.8	-2.3
2019 Oct	0.3	2.3	-0.8	3.4	-1.1	-1.4	-0.6	-0.6	0.5	0.3	0.7	-0.9	0.5	0.8	0.0	1.7	-0.3	0.6	0.7	0.2	0.6	2.9	-1.4
2019 Nov	0.1	1.9	-0.2	4.5	-0.8	1.0	-1.4	-0.7	0.2	0.1	0.6	-0.7	0.2	-0.3	0.1	0.6	-0.6	0.8	1.3	0.0	-0.6	3.0	1.2
2019 Dec	0.0	1.2	-0.3	-1.9	-0.5	3.4	-1.1	-1.8	0.2	-0.2	0.3</												

Industry sections (SIC2007)

Section	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction <sup>6</sup>	Total service industries	Wholesale and retail: motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
<b>2018 weights</b>	<b>1000</b>	<b>6</b>	<b>139</b>	<b>11</b>	<b>101</b>	<b>14</b>	<b>13</b>	<b>64</b>	<b>790</b>	<b>104</b>	<b>40</b>	<b>29</b>	<b>66</b>	<b>68</b>	<b>135</b>	<b>77</b>	<b>53</b>	<b>49</b>	<b>587</b>	<b>75</b>	<b>16</b>	<b>18</b>	<b>3</b>

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

	ED9T	ED9U	ED9V	ED9W	EDGQ	EDGR	EDGS	EDGT	EDGU	EDGV	EDGW	EDGX	EDGY	EDGZ	EDHA	EDHB	EDHC	EDHD	EDHE	EDHF	EDHG	EDHH	EDHI
2018 Nov	1.5	-3.9	-0.6	1.5	-0.3	-3.2	-2.0	1.4	1.9	3.5	2.8	3.5	4.9	-0.3	-0.2	4.3	3.2	1.0	0.5	0.8	-2.2	0.4	8.1
Dec	1.4	-2.3	-1.0	7.4	-1.1	-3.7	-2.6	-0.5	2.0	3.7	3.2	3.9	5.5	-0.4	0.0	4.3	2.6	0.8	1.0	0.6	-1.3	-0.5	11.9
2019 Jan	1.3	-0.1	-1.0	6.3	-1.2	-2.6	-2.1	-1.0	1.9	3.8	2.8	3.9	7.3	-1.0	0.0	2.9	2.1	1.1	1.4	0.4	-0.3	-1.6	11.7
Feb	1.5	2.1	-0.8	7.4	-0.8	-3.6	-1.4	0.3	2.0	3.7	2.7	4.2	8.9	-1.8	0.0	2.4	2.3	1.5	1.5	0.2	0.9	-1.7	10.1
Mar	1.9	3.7	-0.1	3.9	0.3	-4.6	-0.4	3.6	2.1	4.3	3.0	4.2	9.0	-2.6	0.1	1.9	3.2	2.0	1.6	0.3	1.4	-2.2	6.8
Apr	1.9	4.9	-0.6	2.4	-0.4	-5.4	0.6	4.4	2.2	4.3	3.6	4.0	8.7	-3.2	0.4	2.1	3.4	2.4	2.0	0.6	1.2	-2.6	5.8
May	1.8	5.6	-0.5	1.6	-0.9	-1.0	1.5	3.9	2.0	3.8	3.1	2.8	7.9	-3.4	0.8	1.5	3.1	2.5	2.4	1.1	0.3	-3.2	5.6
Jun	1.5	6.2	-1.3	-2.3	-2.2	4.3	1.3	2.2	1.9	2.7	2.1	2.8	8.5	-3.3	1.1	1.8	2.2	2.5	2.9	1.5	0.3	-3.5	5.3
Jul	1.5	6.7	-1.1	-3.2	-1.9	5.0	0.7	1.4	1.9	1.8	1.5	2.3	9.0	-2.9	1.1	2.0	2.6	2.1	3.1	1.8	0.5	-3.5	4.1
Aug	1.4	7.3	-1.9	-5.5	-2.4	2.6	0.1	1.2	1.9	1.5	1.3	2.5	8.5	-2.4	0.9	2.5	2.6	1.7	3.2	1.8	1.9	-3.0	1.8
Sep	1.3	8.0	-2.2	-3.2	-2.8	0.2	0.3	1.5	1.8	1.6	1.5	2.0	7.4	-2.1	0.8	2.3	2.9	1.6	3.4	1.6	1.7	-1.3	0.5
Oct	1.2	8.4	-1.8	-1.2	-2.7	1.8	0.2	0.6	1.7	1.8	1.0	1.7	6.6	-2.0	0.6	2.5	1.9	1.8	3.5	1.2	1.9	0.6	-1.8
Nov	1.1	8.3	-1.4	1.0	-2.7	3.8	0.3	0.0	1.5	1.4	0.5	1.2	6.2	-2.4	0.6	1.9	1.2	2.2	3.7	1.1	1.8	2.3	-2.1
Dec	1.0	7.3	-1.2	-1.7	-2.3	4.9	0.3	0.0	1.4	1.3	0.3	0.9	4.7	-2.4	0.5	1.9	1.6	2.4	3.8	1.1	1.7	2.7	-1.8
2020 Jan	0.7	6.1	-1.8	-1.2	-2.9	2.3	1.1	0.2	1.2	1.1	0.4	0.4	1.7	-2.3	0.6	2.2	1.9	2.3	3.9	1.2	2.0	2.4	0.7
Feb	0.5	4.9	-2.2	-1.9	-3.0	0.5	0.9	-1.1	1.0	1.1	-0.2	0.3	0.3	-1.8	0.7	2.6	1.4	2.1	3.2	1.1	1.0	1.4	1.3
Mar	-2.4	3.6	-4.5	-5.3	-5.7	-0.7	0.8	-3.7	-2.0	-2.9	-5.1	-10.3	-0.4	-1.6	0.7	2.2	-3.2	1.8	-5.8	-3.5	-4.8	-4.1	-5.7
Apr	-10.7	0.3	-11.7	-8.0	-14.4	-4.0	-2.3	-18.3	-10.0	-15.4	-18.5	-39.9	-3.7	-2.6	-0.1	-4.6	-15.2	1.8	-18.8	-13.9	-20.5	-20.4	-21.3
May	-18.2	-2.8	-17.9	-10.0	-21.7	-8.2	-5.3	-29.5	-17.4	-24.7	-29.0	-69.7	-8.3	-3.6	-1.2	-11.4	-26.8	2.0	-29.5	-23.4	-36.5	-35.8	-34.5
Jun	-20.7	-4.3	-19.0	-5.7	-23.3	-11.1	-6.8	-35.1	-20.0	-23.4	-31.3	-85.2	-11.6	-4.4	-2.1	-15.9	-31.3	2.2	-30.0	-27.6	-44.6	-45.0	-39.1
Jul	-15.9	-2.9	-13.4	-3.4	-16.4	-8.0	-4.7	-24.3	-15.7	-11.2	-24.6	-70.7	-10.5	-3.9	-2.1	-13.7	-27.3	2.4	-24.1	-24.3	-39.5	-34.0	-30.4
Aug	-11.1	-1.3	-8.4	-2.6	-10.4	-4.5	-2.6	-14.4	-11.4	-2.0	-19.2	-46.1	-9.1	-3.7	-1.8	-11.4	-22.6	2.5	-18.3	-20.4	-33.8	-24.1	-19.4
Sep	-8.4	-0.8	-6.5	-8.3	-7.6	-1.7	-1.5	-8.6	-8.8	0.2	-17.0	-28.0	-8.9	-3.4	-1.5	-9.4	-20.7	2.5	-12.8	-16.4	-29.4	-14.7	-9.9
Oct	-7.3	-1.6	-6.0	-11.0	-6.6	-3.0	-1.0	-5.4	-7.7	0.2	-15.6	-23.7	-8.9	-3.3	-1.4	-8.2	-19.1	2.4	-9.5	-13.2	-28.1	-14.6	-7.3
Nov	-7.6	-3.0	-5.6	-13.2	-5.5	-5.3	0.0	-3.2	-8.3	-1.4	-14.7	-40.4	-8.8	-3.0	-1.4	-6.8	-18.9	2.2	-8.2	-11.7	-30.4	-20.7	-15.0

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 Nov	0.1	1.0	-0.6	-1.3	-0.6	0.0	-0.7	-0.3	0.2	0.7	0.0	1.2	0.6	-0.5	-0.1	0.5	0.4	-0.1	0.4	0.0	0.4	-1.3	-0.4
Dec	-0.3	1.8	-0.1	-1.0	0.0	0.2	0.0	-2.3	-0.2	-1.5	-0.9	-0.8	3.7	-0.6	0.1	-0.7	-1.5	0.0	0.1	-0.2	2.5	-1.1	0.5
2019 Jan	0.5	0.2	0.9	-2.0	1.1	2.5	-0.4	2.0	0.3	1.4	-0.2	1.2	0.9	0.0	0.1	-1.5	1.4	0.8	0.0	0.1	-1.4	0.0	-3.8
Feb	0.3	-0.2	0.2	2.2	0.4	-3.2	0.8	2.3	0.2	0.1	0.5	0.0	-0.6	-0.6	0.0	1.1	0.6	0.4	0.2	0.2	0.1	0.6	-1.0
Mar	0.2	0.5	1.2	4.4	1.1	0.6	0.4	-0.6	0.0	0.5	-0.1	-0.6	-0.2	-0.8	0.1	-0.1	0.3	0.2	0.5	0.1	0.4	0.3	0.1
Apr	-0.4	0.7	-3.1	-6.4	-3.9	3.1	0.2	-0.2	0.0	0.1	0.5	-0.2	0.9	-0.5	0.1	-0.1	-1.0	0.0	0.6	0.1	-1.1	-1.1	1.9
May	0.2	0.9	1.2	3.0	1.0	1.3	1.6	0.3	0.0	0.1	-0.9	-0.6	0.0	-0.2	0.2	-0.1	0.6	0.0	0.3	0.2	-1.1	1.0	-0.5
Jun	0.2	0.6	-0.3	-2.4	-0.4	1.0	0.5	-1.2	0.3	-0.4	-0.5	2.4	1.5	0.3	-0.2	1.7	-0.4	0.0	0.1	0.3	2.8	-0.1	-2.0
Jul	0.3	0.8	-0.4	-0.9	0.2	-3.0	-1.4	1.1	0.3	0.4	1.7	-0.6	-0.1	0.6	0.0	0.3	2.2	0.1	-0.1	0.3	-1.2	0.0	0.3
Aug	-0.1	0.9	-1.0	1.7	-1.5	-1.0	0.3	-0.3	0.1	0.1	-0.7	-1.2	-0.7	0.7	0.0	0.9	-1.0	0.1	0.2	0.1	2.0	1.9	-1.5
Sep	0.1	0.7	0.6	8.3	0.0	-0.4	-0.3	0.3	0.0	-0.1	0.0	-0.1	1.3	-0.6	0.1	-0.5	-1.2	0.4	0.6	-0.1	-2.3	0.9	-0.3
Oct	0.2	0.4	0.6	-6.8	1.1	4.6	-1.1	-2.3	0.4	0.6	1.3	0.1	0.0	0.1	0.0	1.1	0.4	0.4	0.6	-0.3	-0.1	1.2	2.4
Nov	-0.4	0.1	-1.2	0.5	-1.8	0.3	-0.1	1.1	-0.3	-0.9	-0.9	1.2	-1.8	-1.2	-0.1	-1.1	0.7	0.0	0.8	0.2	2.5	0.0	2.5
Dec	0.0	-0.1	-0.4	-3.2	0.1	-2.2	0.5	-1.1	0.1	-0.2	-0.4	-0.5	0.4	0.1	0.3	0.4	0.4	0.3	0.2	0.2	0.3	-2.4	2.5
2020 Jan	0.0	-0.5	0.0	0.3	0.4	-3.1	0.6	0.0	0.0	1.2	0.7	-0.8	-2.1	0.2	0.1	-0.1	0.0	0.0	0.0	-0.1	-0.3	-0.6	-1.2
Feb	-0.3	-0.8	0.4	-0.1	0.7	-0.5	-1.1	-0.9	-0.4	-1.0	-2.6	1.5	1.4	0.1	0.2	-0.1	-1.3	0.2	-2.0	-0.2	-1.8	-0.4	-3.9
Mar	-7.3	-1.8	-5.3	-6.1	-6.8	-0.1	0.9	-3.6	-7.9	-10.3	-12.9	-31.6	-1.1	-1.0	-0.3	-1.7	-10.5	0.2	-23.6	-12.9	-16.1	-14.5	-20.6
Apr	-18.8	-6.1	-19.6	-2.4	-24.8	-8.9	-7.8	-40.7	-17.0	-28.5	-28.1	-85.5	-10.3	-4.1	-2.2	-17.5	-27.1	0.3	-15.5	-20.0	-35.5	-39.7	-26.8
May	3.2	0.8	5.9	2.7	8.3	0.8	-0.1	13.0	2.2	13.4	7.9	14.0	-1.8	0.6	-0.4	-1.7	-0.2	0.3	7.3	3.1	-5.9	5.6	5.0
Jun	9.3	3.0	10.8	7.6	13.1	4.2	6.0	21.2	8.3	28.5	17.5	103.0	4.4	0.8	0.0	8.2	15.5	0.2	8.7	4.3	18.1	6.4	6.9
Jul	6.5	2.9	5.1	-2.8	6.7	4.7	1.5	15.9	6.0	7.7	5.0	132.6	2.6	0.9	0.6	3.4	5.0	0.2	9.6	7.2	16.1	46.5	27.0
Aug	2.1	1.2	0.2	-3.6	1.0	-0.3	-1.2	4.3	2.2	0.0	1.4	59.9	-1.4	0.6	0.2	0.1	1.2	0.2	5.0	4.8	0.3	0.6	10.2
Sep	1.1	-0.1	0.4	-2.5	0.6	-0.1	1.6	2.6	1.1	-0.4	2.8	-11.4	0.0	0.1	0.2	4.0	1.4	0.2	6.5	3.6	3.5	3.6	1.0
Oct	0.6	-1.4	1.1	-0.1	1.6	-0.4	0.2	1.5	0.5	1.0	1.5	-13.8	1.8	-0.2	0.0	1.3	1.3	0.2	1.4	2.6	1.4	0.2	-1.6
Nov	-2.6	-1.5	-0.1	-3.4	0.7	-2.3	-0.4	1.9	-3.4	-5.6	-0.6	-44.0	-2.0	-0.9	-0.2	-0.8	-2.0	-0.1	-1.3	-0.8	-14.0	-22.8	-20.2

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.

Section	Industry sections (SIC2007)																						
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction <sup>6</sup>	Total service industries	Wholesale and retail: motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
<b>2016 weights</b>	<b>1000</b>	<b>6</b>	<b>139</b>	<b>11</b>	<b>101</b>	<b>14</b>	<b>13</b>	<b>64</b>	<b>790</b>	<b>104</b>	<b>40</b>	<b>29</b>	<b>66</b>	<b>68</b>	<b>135</b>	<b>77</b>	<b>53</b>	<b>49</b>	<b>57</b>	<b>75</b>	<b>16</b>	<b>18</b>	<b>3</b>

Percentage change, latest month on same month a year ago

	ED2R	ED2S	ED2T	ED2U	ED2V	ED2W	ED2X	ED2Y	ED2Z	ED32	ED33	ED34	ED35	ED36	ED37	ED38	ED39	ED3A	ED3B	ED3C	ED3D	ED3E	ED3F
2018 Nov	1.5	-2.9	-1.4	-0.2	-1.1	-3.6	-2.6	0.3	2.1	4.1	3.7	4.6	5.1	-0.4	-0.2	4.4	3.2	0.7	1.2	0.7	-1.8	-0.6	12.1
Dec	1.1	0.2	-1.1	23.8	-1.8	-5.4	-2.6	-4.2	1.9	3.3	2.9	3.4	7.3	-1.0	0.0	3.6	1.1	0.8	1.4	0.3	0.3	-1.5	14.0
2019 Jan	1.4	2.4	-0.7	-1.3	-0.8	1.4	-1.1	1.1	1.8	4.1	2.0	3.8	9.5	-1.6	0.1	0.6	1.9	1.7	1.6	0.2	0.7	-2.5	9.1
Feb	2.0	3.8	-0.5	2.7	0.1	-6.6	-0.6	4.2	2.3	3.8	3.2	5.3	9.9	-2.7	0.0	2.9	4.0	2.1	1.5	0.2	1.7	-1.1	7.3
Mar	2.2	5.0	1.0	10.6	1.6	-8.2	0.5	5.4	2.1	5.0	3.7	3.5	7.6	-3.3	0.3	2.1	3.8	2.4	1.8	0.5	1.8	-2.9	4.2
Apr	1.6	5.7	-2.4	-5.4	-2.8	-1.1	1.9	3.7	2.1	4.0	3.9	3.1	8.5	-3.6	0.9	1.3	2.4	2.7	2.5	1.1	0.0	-3.6	6.0
May	1.6	6.2	-0.2	0.2	-1.5	7.3	2.1	2.5	1.8	2.3	1.8	1.7	7.5	-3.4	1.2	1.2	3.1	2.5	2.9	1.6	-0.8	-3.1	6.4
Jun	1.5	6.6	-1.2	-1.7	-2.4	7.1	0.1	0.5	2.0	1.9	0.6	3.5	9.6	-3.0	1.1	2.9	1.1	2.2	3.2	1.9	1.6	-3.8	3.4
Jul	1.4	7.2	-1.9	-7.9	-1.9	0.7	-0.2	1.4	2.0	1.2	2.2	1.8	9.9	-2.3	0.8	1.8	3.7	1.6	3.2	1.9	0.5	-3.6	2.5
Aug	1.2	8.0	-2.6	-6.8	-2.9	0.0	0.3	1.8	1.8	1.4	1.2	2.3	6.2	-1.8	0.6	2.7	3.2	1.3	3.3	1.6	3.5	-1.5	-0.4
Sep	1.2	8.7	-2.2	5.5	-3.7	-0.1	0.7	1.3	1.8	2.1	1.2	1.9	6.1	-2.2	0.8	2.2	1.7	1.8	3.7	1.3	1.2	1.1	-0.5
Oct	1.2	8.7	-0.8	-2.2	-1.6	5.6	-0.2	-1.4	1.7	1.9	0.7	0.8	7.5	-2.1	0.4	2.6	0.8	2.3	3.5	0.8	1.0	2.2	-4.3
Nov	0.8	7.7	-1.3	-0.4	-2.7	5.9	0.4	0.1	1.1	0.3	-0.2	0.8	5.0	-2.9	0.4	1.0	1.0	2.4	3.8	1.1	3.1	3.6	-1.5
Dec	1.0	5.6	-1.7	-2.7	-2.6	3.3	0.9	1.3	1.4	1.6	0.3	1.2	1.7	-2.2	0.6	2.1	3.0	2.6	3.9	1.4	0.9	2.2	0.5
2020 Jan	0.5	4.9	-2.5	-0.4	-3.3	-2.3	1.9	-0.7	1.1	1.4	1.2	-0.8	-1.4	-2.0	0.6	3.5	1.6	1.9	3.9	1.2	2.0	1.6	3.3
Feb	-0.1	4.2	-2.4	-2.6	-3.0	0.4	0.0	-3.8	0.6	0.3	-2.0	0.6	0.6	-1.3	0.8	2.3	-0.3	1.7	1.6	0.8	0.0	0.5	0.2
Mar	-7.5	1.8	-8.7	-12.4	-10.6	-0.3	0.6	-6.6	-7.5	-10.5	-14.6	-30.7	-0.3	-1.5	0.5	0.7	-11.0	1.7	-22.7	-12.4	-16.4	-14.3	-20.6
Apr	-24.6	-5.0	-24.3	-8.6	-30.0	-11.8	-7.4	-44.5	-23.2	-36.0	-38.9	-90.0	-11.4	-5.1	-1.7	-16.8	-34.5	2.0	-35.0	-29.9	-45.4	-47.7	-43.0
May	-22.4	-5.1	-20.8	-8.9	-25.0	-12.2	-9.0	-37.5	-21.5	-27.5	-33.5	-88.5	-13.0	-4.3	-2.4	-18.2	-34.9	2.3	-30.6	-28.0	-48.1	-45.4	-39.8
Jun	-15.3	-2.7	-12.0	0.4	-14.9	-9.4	-4.0	-23.3	-15.3	-6.5	-21.5	-77.2	-10.5	-3.8	-2.2	-12.9	-24.6	2.4	-24.5	-25.1	-40.4	-41.8	-34.4
Jul	-10.0	-0.8	-7.2	-1.5	-9.3	-2.2	-1.2	-12.1	-10.4	0.3	-18.9	-46.7	-8.1	-3.5	-1.7	-10.2	-22.5	2.5	-17.2	-19.9	-30.0	-14.7	-16.9
Aug	-8.1	-0.5	-6.0	-6.7	-7.1	-1.6	-2.7	-8.0	-8.5	0.2	-17.2	-13.7	-8.7	-3.6	-1.5	-10.9	-20.8	2.6	-13.2	-16.2	-31.1	-15.9	-6.9
Sep	-7.1	-1.3	-6.3	-16.0	-6.5	-1.3	-0.8	-5.8	-7.4	-0.1	-14.9	-23.4	-9.9	-2.9	-1.3	-7.0	-18.7	2.4	-8.1	-13.0	-27.0	-13.6	-5.7
Oct	-6.8	-3.1	-5.8	-10.0	-6.1	-6.0	0.5	-2.2	-7.3	0.4	-14.7	-34.1	-8.2	-3.2	-1.4	-6.8	-18.0	2.2	-7.3	-10.5	-26.0	-14.5	-9.4
Nov	-8.9	-4.6	-4.7	-13.5	-3.8	-8.4	0.2	-1.4	-10.2	-4.4	-14.4	-63.5	-8.4	-2.8	-1.5	-6.5	-20.2	2.1	-9.3	-11.4	-37.9	-33.9	-29.5

1 The GVA output is designated as a National Statistic.

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

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

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

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

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

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

Section	Industry sections (SIC2007)																						
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction <sup>4</sup>	Total service industries	Wholesale and retail: motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
<b>2018 weights</b>	<b>1000</b>	<b>6</b>	<b>139</b>	<b>11</b>	<b>101</b>	<b>14</b>	<b>13</b>	<b>64</b>	<b>790</b>	<b>104</b>	<b>40</b>	<b>29</b>	<b>66</b>	<b>68</b>	<b>135</b>	<b>77</b>	<b>53</b>	<b>49</b>	<b>57</b>	<b>75</b>	<b>16</b>	<b>18</b>	<b>3</b>

Percentage change, latest 3 months on previous 3 months <sup>3,5</sup>

2018 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
2018 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
2018 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	0.1	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.1	0.1	0.0	-0.1	0.0	-0.1	0.3	-0.8
2019 Feb	0.0	0.0	0.2	-0.1	0.2	0.1	0.5	-0.1	0.0	0.0	-0.1	0.0	0.0	0.2	0.0	-0.2	0.1	0.1	-0.3	0.0	-0.2	0.4	-2.0
2019 Mar	0.0	0.0	0.2	-0.2	0.2	0.1	0.7	0.0	0.0	0.0	-0.2	0.0	0.0	0.4	0.1	-0.4	0.0	0.0	-0.5	0.2	-0.4	0.6	-2.8
2019 Apr	0.0	0.0	-0.1	-0.3	-0.2	0.0	1.0	0.1	-0.1	0.0	-0.2	0.0	-0.2	0.4	0.0	-0.3	-0.4	0.0	-0.3	0.2	-0.4	0.0	-1.6
2019 May	-0.1	0.0	-0.3	-0.4	-0.4	0.1	0.8	0.3	0.0	-0.1	-0.1	0.1	-0.3	0.2	0.0	-0.2	-0.3	0.0	0.0	0.2	-0.3	-0.2	0.8
2019 Jun	0.0	0.0	-0.1	-0.3	-0.2	0.3	0.5	0.1	-0.1	0.0	0.1	0.1	-0.3	-0.2	0.0	0.1	-0.2	-0.1	0.3	0.2	-0.4	-1.1	2.6
2019 Jul	0.0	0.0	0.0	-0.4	0.0	0.3	0.1	0.2	0.0	0.0	0.2	0.1	0.0	-0.4	0.1	0.1	0.2	0.0	0.2	0.1	-0.4	-1.4	1.8
2019 Aug	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.1	0.0	0.0	0.6	-0.1	0.4	-0.3	0.0	0.3	0.5	0.1	-0.1	0.0	-0.1	-1.4	0.2
2019 Sep	0.0	0.1	-0.2	0.8	-0.1	-0.5	-0.9	0.0	0.1	0.0	0.6	0.0	0.5	0.0	0.0	0.1	0.6	0.2	-0.1	-0.1	0.3	-0.5	0.6
2019 Oct	0.1	0.1	-0.2	1.4	-0.1	-0.4	-1.1	-0.4	0.2	-0.2	0.5	0.1	0.6	0.2	-0.1	0.2	0.2	0.1	0.3	-0.3	0.5	0.9	3.8
2019 Nov	0.0	0.1	0.0	1.4	0.0	-0.2	-1.2	-0.6	0.1	-0.1	0.3	0.5	0.4	0.1	-0.1	0.1	-0.3	0.0	0.7	-0.3	0.2	1.5	7.1
2019 Dec	0.0	0.1	0.1	-0.1	0.2	0.2	-0.7	-0.6	0.0	0.0	0.1	0.0	-0.2	-0.1	-0.1	0.1	-0.3	-0.1	0.6	-0.2	-0.1	0.9	6.3
2020 Jan	-0.1	0.0	0.0	-0.8	0.1	0.1	-0.2	-0.4	-0.1	0.2	-0.4	-0.9	-0.6	-0.1	-0.1	0.0	-0.2	0.0	0.3	0.1	-0.5	-0.6	1.9
2020 Feb	-0.2	-0.1	0.0	-0.9	0.2	-0.1	0.2	-0.1	-0.3	0.0	-1.2	-1.9	-0.7	-0.1	-0.1	-0.1	0.0	0.1	-0.3	0.2	-1.0	-1.8	-4.2
2020 Mar	-0.3	-0.1	-0.1	-0.6	-0.2	-0.2	0.2	0.7	-0.3	0.0	-1.4	-0.7	-0.2	-0.4	-0.1	-0.2	-0.2	0.2	-0.3	-0.2	-1.4	-1.3	-10.8
2020 Apr	0.0	-0.1	-0.3	-0.6	-0.2	-0.6	-0.5	1.4	0.0	-0.1	-0.5	0.6	0.3	-0.2	-0.1	-0.1	-0.1	0.2	0.6	0.1	-0.8	1.2	-8.8
2020 May	0.5	-0.1	-0.6	-1.0	-0.3	-1.1	-1.6	2.6	0.5	-0.1	0.8	1.8	0.7	-0.1	0.0	0.3	0.3	0.2	1.8	0.6	-0.1	3.7	-4.3
2020 Jun	1.0	-0.1	-0.1	-0.9	0.3	-1.7	-1.5	3.0	1.0	0.0	2.0	2.2	0.3	0.5	0.0	0.9	1.0	0.1	2.7	2.4	-0.1	5.6	7.0
2020 Jul	1.2	0.0	0.4	-0.8	1.0	-1.0	-1.0	3.7	1.2	0.1	1.8	4.2	-0.2	0.2	0.1	1.5	1.9	0.2	2.5	4.1	-1.9	8.1	13.5
2020 Aug	1.0	0.1	0.9	-0.5	1.4	-0.7	0.3	1.9	1.0	0.2	0.1	-1.1	-1.0	0.2	0.1	1.5	2.7	0.2	0.9	5.4	-4.3	8.4	15.7
2020 Sep	0.5	0.4	0.4	-1.7	0.8	-0.4	0.3	-0.5	0.5	0.3	-2.4	-67.1	-0.7	-0.1	0.2	1.0	2.7	0.1	-0.2	4.7	-4.8	5.4	3.3
2020 Oct	0.3	0.5	0.0	-2.4	0.5	-1.4	-0.2	-0.6	0.3	0.1	-2.2	-29.0	-0.2	0.0	0.1	0.6	1.9	0.1	0.5	3.2	-1.9	1.3	-4.9

Percentage change, latest 3 months on same 3 months a year ago <sup>3,5</sup>

2018 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
2018 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
2018 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	0.2	0.0	0.2	0.0	0.1	-0.1	0.0	0.0	-0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.0	-0.1	0.1	-0.1	0.3	-0.9
2019 Feb	0.0	0.0	0.2	-0.1	0.2	0.1	0.4	0.0	0.0	0.0	-0.1	0.0	0.1	0.2	0.0	-0.1	0.0	0.0	-0.3	0.1	-0.2	0.4	-2.2
2019 Mar	0.0	-0.1	0.1	-0.2	0.2	0.1	0.8	0.0	0.0	0.0	-0.2	0.0	0.1	0.4	0.0	-0.3	-0.1	0.0	-0.5	0.2	-0.4	0.6	-3.1
2019 Apr	-0.1	0.0	0.1	-0.4	-0.1	0.0	1.1	0.0	0.0	0.0	-0.3	0.0	0.0	0.5	0.1	-0.4	-0.3	0.0	-0.4	0.2	-0.4	0.3	-2.6
2019 May	0.0	-0.1	0.0	-0.5	-0.2	0.1	1.1	0.2	0.0	0.0	-0.3	0.1	-0.3	0.5	0.0	-0.4	-0.3	0.0	-0.3	0.3	-0.6	0.2	-1.1
2019 Jun	-0.1	0.0	0.0	-0.6	-0.1	0.4	1.3	0.2	-0.1	0.0	-0.1	0.2	-0.2	0.3	0.1	-0.3	-0.3	0.0	-0.2	0.3	-0.7	-0.5	-0.3
2019 Jul	0.0	0.0	0.0	-0.7	0.0	0.4	1.2	0.2	-0.1	0.0	0.0	0.1	-0.1	0.2	0.1	-0.2	0.0	0.1	-0.3	0.3	-0.8	-1.0	-0.5
2019 Aug	0.0	0.0	-0.1	-0.4	-0.2	0.2	1.0	0.3	0.0	0.0	0.2	-0.1	0.1	0.1	0.1	-0.1	0.2	0.2	-0.4	0.3	-0.6	-1.2	-0.8
2019 Sep	0.1	0.1	-0.1	0.2	-0.2	-0.1	0.5	0.2	0.0	-0.1	0.4	0.1	0.4	0.3	0.1	-0.1	0.4	0.2	-0.3	0.1	-0.4	-0.9	0.3
2019 Oct	0.1	0.0	-0.1	0.8	-0.2	-0.1	0.1	-0.1	0.1	-0.1	0.5	0.3	0.6	0.4	-0.1	-0.1	0.2	0.2	0.0	0.0	-0.3	-0.3	3.2
2019 Nov	0.1	0.1	-0.1	0.8	-0.2	0.0	-0.1	-0.3	0.1	-0.1	0.5	0.5	0.6	0.3	0.0	-0.1	-0.1	0.2	0.3	0.0	-0.4	0.2	6.1
2019 Dec	0.1	0.1	0.0	0.2	-0.1	0.0	-0.4	-0.4	0.1	0.0	0.5	0.1	0.2	0.2	-0.1	0.0	0.0	0.1	0.4	0.0	-0.5	0.0	6.3
2020 Jan	-0.1	0.2	-0.2	-0.1	-0.3	0.0	-0.2	-0.5	0.0	0.0	0.1	-0.6	-0.2	0.1	-0.1	0.0	-0.1	0.1	0.4	0.0	-0.8	-1.3	5.8
2020 Feb	-0.1	0.1	-0.2	-0.1	-0.2	-0.2	-0.4	-0.3	-0.2	0.0	-0.5	-1.3	-0.3	-0.1	-0.2	0.0	-0.2	0.2	0.3	0.0	-1.1	-2.0	4.4
2020 Mar	-0.2	0.0	-0.3	-0.2	-0.4	-0.2	-0.9	0.3	-0.3	0.0	-0.7	-0.7	-0.1	-0.6	-0.2	0.2	-0.2	0.3	0.4	-0.3	-1.5	-2.1	-1.5
2020 Apr	0.1	0.0	-0.4	-0.4	-0.3	-0.8	-1.7	0.9	0.1	0.0	-0.2	0.2	0.3	-0.5	-0.2	0.2	0.1	0.3	1.1	-0.1	-1.0	0.3	-2.8
2020 May	0.3	0.0	-0.6	-0.6	-0.2	-1.3	-2.6	2.2	0.4	0.0	0.6	1.3	0.7	-0.4	-0.2	0.6	0.3	0.4	1.9	0.6	-0.6	2.6	-1.8
2020 Jun	0.8	0.0	-0.3	-0.7	0.3	-2.0	-3.0	3.1	0.8	-0.1	1.3	1.8	0.5	0.0	-0.2	1.0	1.0	0.4	2.7	2.0	-0.7	4.9	4.3
2020 Jul	1.1	0.0	-0.1	-0.9	0.6	-1.9	-2.7	3.7	1.1	0.0	1.0	2.6	0.2	0.0	-0.2	1.5	1.6	0.4	2.9	3.4	-2.2	7.5	7.4
2020 Aug	1.2	0.2	0.2	-1.0	1.0	-2.1	-2.2	3.9	1.2	0.1	0.3	2.1	-0.5	0.0	-0.1	1.5	2.0	0.4	3.0	4.6	-3.3	9.2	8.3
2020 Sep	1.3	0.3	0.2	-3.0	1.2	-2.2	-1.8	3.9	1.2	0.2	-0.5	0.4	-0.6	-0.1	-0.1	1.6	2.4	0.3	3.3	5.6	-3.9	10.6	7.7
2020 Oct	1.3	0.4	0.1	-4.4	1.2	-2.9	-2.0	4.5	1.3	0.3	-0.9	-1.2	-0.6	-0.2	0.0	1.9	3.0	0.4	3.6	6.5	-4.1	9.9	3.4

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 First Quarterly Estimate published on 22 December 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 <sup>4</sup>	Total service industries	Wholesale and retail: motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
<b>2018 weights</b>	<b>1000</b>	<b>6</b>	<b>139</b>	<b>11</b>	<b>101</b>	<b>14</b>	<b>13</b>	<b>64</b>	<b>790</b>	<b>104</b>	<b>40</b>	<b>29</b>	<b>66</b>	<b>68</b>	<b>135</b>	<b>77</b>	<b>53</b>	<b>49</b>	<b>57</b>	<b>75</b>	<b>16</b>	<b>18</b>	<b>3</b>

Percentage change, latest month on previous month <sup>3,5</sup>

2018 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	0.1	0.0	0.4	-0.1	0.4	0.2	0.4	-0.1	0.1	0.0	-0.1	0.0	0.2	0.2	0.0	-0.2	0.3	0.1	-0.4	0.0	-0.2	1.0	-2.2
Feb	-0.1	0.0	-0.2	-0.1	-0.3	0.0	0.5	-0.1	0.0	-0.1	-0.2	-0.2	-0.2	0.3	0.0	-0.1	-0.5	0.0	-0.2	0.1	-0.3	-0.9	-1.3
Mar	0.0	0.0	-0.3	-0.1	-0.4	-0.2	0.2	0.5	0.0	0.1	-0.2	0.2	-0.1	0.1	0.0	-0.2	0.0	0.0	0.1	0.0	0.1	0.7	0.9
Apr	0.0	0.0	0.0	-0.2	0.1	0.2	0.3	-0.1	0.0	-0.1	0.3	-0.1	-0.1	-0.1	0.0	0.3	0.0	-0.1	0.3	0.1	-0.1	-0.7	1.9
May	-0.1	0.0	0.0	0.0	0.0	0.3	-0.4	0.0	-0.1	0.0	-0.2	0.0	-0.4	-0.3	0.0	-0.1	0.1	0.0	0.2	0.0	-0.2	-0.6	1.0
Jun	0.1	0.1	0.2	0.0	0.1	0.2	0.8	0.1	0.0	0.2	0.5	0.0	0.6	-0.1	0.0	0.2	-0.2	0.0	-0.3	0.0	-0.3	-0.7	-0.7
Jul	0.0	-0.1	-0.2	-0.4	0.0	-0.5	-0.9	0.2	0.0	-0.1	0.3	-0.2	0.0	-0.1	0.0	0.0	0.9	0.1	-0.2	0.0	0.4	-0.6	-1.1
Aug	0.0	0.0	-0.2	0.7	-0.4	-0.2	-0.4	-0.2	0.1	-0.1	0.0	-0.1	0.3	0.2	0.0	0.3	0.1	0.0	0.1	-0.1	0.5	0.9	0.8
Sep	0.1	0.1	0.2	1.9	0.1	0.0	-0.3	-0.2	0.1	0.0	0.2	0.7	0.3	0.2	0.0	-0.3	-0.7	0.0	0.5	-0.2	-0.2	0.6	3.8
Oct	0.0	0.0	0.1	-1.0	0.3	0.2	-0.3	-0.5	0.1	0.0	0.1	0.0	0.0	-0.1	-0.2	0.2	0.0	-0.1	0.3	-0.1	0.6	4.4	0.0
Nov	-0.1	0.0	-0.2	-0.6	-0.3	0.2	-0.2	0.0	0.0	0.2	0.1	0.1	-0.3	-0.2	0.0	0.0	-0.1	0.0	0.2	0.0	0.1	0.3	0.8
Dec	-0.1	0.0	0.1	-0.1	0.1	-0.2	0.1	0.0	-0.2	0.0	-0.6	-1.4	-0.8	0.2	0.0	-0.1	0.3	0.1	-0.3	0.2	-0.4	-1.6	-4.8
2020 Jan	-0.1	-0.1	0.1	0.0	0.2	-0.2	0.6	-0.2	-0.1	-0.1	-0.7	-0.9	0.3	-0.2	-0.1	0.1	-0.4	0.0	-0.2	0.0	-0.7	-1.1	-0.8
Feb	0.0	0.0	0.0	0.0	-0.1	0.2	-0.1	0.4	-0.1	0.0	-0.6	0.2	0.1	-0.1	0.0	-0.3	0.0	0.1	-0.3	0.0	-0.6	0.5	-3.0
Mar	0.0	0.0	-0.7	-0.4	-0.8	0.0	-1.1	1.9	0.0	0.0	0.1	2.2	1.9	-0.6	0.0	-0.1	0.0	0.1	0.6	-0.9	-0.6	0.9	-16.4
Apr	0.7	-0.1	0.0	-0.7	0.3	-1.9	-0.4	0.5	0.8	-0.1	2.0	1.1	0.5	1.1	-0.1	0.7	0.3	0.0	2.4	1.7	1.6	4.7	14.5
May	0.5	0.0	0.2	0.0	0.5	0.3	-1.5	3.9	0.4	0.0	0.6	11.2	0.1	-0.4	0.1	0.4	0.8	0.2	0.5	1.7	-1.1	2.2	7.8
Jun	0.2	-0.2	1.0	0.4	1.1	-0.1	1.6	-0.6	0.1	0.0	-0.3	-13.6	-1.5	0.1	0.0	0.6	1.4	0.1	0.0	2.1	-3.9	-0.2	-5.0
Jul	0.2	0.2	-0.1	-1.1	-0.2	0.2	0.4	-1.5	0.3	0.1	-1.3	-17.0	0.3	-0.1	0.0	0.7	0.7	0.0	-0.7	1.7	-1.8	5.0	8.8
Aug	-0.1	0.4	-0.1	0.7	0.1	-0.9	-0.7	0.5	-0.2	0.3	-0.8	-8.6	-0.4	0.0	0.1	-0.4	0.3	0.0	-0.3	0.5	0.3	-0.6	-5.1
Sep	0.0	0.0	-0.1	-3.8	0.4	-0.5	-0.1	-0.3	0.1	-0.4	-0.7	-3.1	0.4	0.1	-0.1	0.1	0.9	0.0	1.7	0.6	0.1	-0.4	-3.8
Oct	0.2	0.0	-0.2	-0.3	-0.1	-0.7	-0.4	0.5	0.3	0.2	0.4	0.6	0.7	0.0	-0.1	1.1	0.0	0.0	0.6	-0.6	-0.1	0.9	0.9

Percentage change, latest month on same month a year ago <sup>3,5</sup>

2018 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	0.4	-0.1	0.5	0.1	0.4	-0.1	0.0	0.0	-0.1	0.1	0.3	0.2	0.0	-0.2	0.3	0.0	-0.3	0.1	-0.2	1.0	-2.5
Feb	-0.1	-0.1	0.3	-0.2	0.2	0.1	0.8	-0.2	0.0	0.0	-0.3	-0.1	0.0	0.5	0.1	-0.4	-0.2	0.1	-0.6	0.2	-0.5	0.1	-3.9
Mar	0.0	-0.1	-0.1	-0.3	-0.2	-0.1	1.1	0.3	-0.1	0.0	-0.4	0.0	-0.1	0.6	0.0	-0.5	-0.3	0.0	-0.5	0.2	-0.4	0.8	-2.9
Apr	0.0	0.0	0.0	-0.6	-0.2	0.2	1.3	0.1	0.0	0.0	-0.1	0.0	-0.2	0.5	0.1	-0.2	-0.3	0.0	-0.2	0.3	-0.5	0.1	-0.9
May	0.0	0.0	0.0	-0.6	-0.1	0.5	1.0	0.2	-0.1	-0.1	-0.4	0.1	-0.6	0.3	0.0	-0.4	-0.2	-0.1	0.0	0.3	-0.7	-0.4	0.3
Jun	0.0	0.0	0.1	-0.5	0.0	0.6	1.8	0.3	0.0	0.0	0.1	0.2	0.1	0.1	0.1	-0.2	-0.4	0.1	-0.3	0.3	-1.1	-1.0	-0.4
Jul	0.0	0.0	0.0	-0.8	-0.1	0.0	0.7	0.5	0.0	0.0	0.3	-0.1	0.0	0.1	0.0	-0.2	0.5	0.1	-0.5	0.3	-0.7	-1.6	-1.5
Aug	0.0	0.0	-0.3	-0.1	-0.4	-0.2	0.5	0.2	0.1	-0.1	0.4	-0.2	0.3	0.2	0.0	0.0	0.6	0.2	-0.4	0.2	-0.1	-0.8	-0.6
Sep	0.1	0.1	-0.1	1.8	-0.3	-0.2	0.2	-0.1	0.2	-0.2	0.6	0.2	0.5	0.7	0.5	0.0	-0.2	-0.1	0.2	0.1	-0.4	-0.3	3.1
Oct	0.1	0.1	0.0	0.6	0.0	0.0	-0.2	-0.5	0.2	-0.2	0.6	0.5	0.7	0.3	-0.1	0.0	0.0	0.1	0.3	-0.1	-0.4	0.3	7.0
Nov	0.1	0.2	-0.2	0.0	-0.3	0.2	-0.4	0.4	0.1	0.0	0.7	0.6	0.4	0.0	-0.1	0.1	-0.2	0.1	0.5	0.0	-0.4	0.7	8.0
Dec	-0.1	0.1	-0.2	-0.1	-0.1	-0.3	-0.4	-0.4	0.0	0.1	0.1	-0.8	-0.4	0.3	-0.1	-0.1	0.2	0.1	0.2	0.1	-0.7	-1.1	3.9
2020 Jan	-0.3	0.1	-0.3	-0.1	-0.3	-0.4	-0.1	-0.6	-0.2	-0.1	-0.5	-1.7	-0.4	-0.1	-0.2	0.2	-0.5	0.2	0.3	0.1	-1.2	-3.2	5.6
Feb	-0.2	0.1	-0.2	0.0	-0.1	-0.2	-0.6	0.0	-0.2	-0.1	-1.1	-1.4	0.0	-0.5	-0.3	0.0	-0.1	0.2	0.2	0.0	-1.5	-1.8	3.6
Mar	-0.1	0.0	-0.6	-0.3	-0.5	0.0	-1.9	1.5	-0.3	-0.1	-0.7	1.2	0.2	-1.2	-0.2	0.2	0.0	0.4	0.8	-1.0	-1.9	-1.2	-13.8
Apr	0.5	0.1	-0.6	-0.7	-0.1	-2.0	-2.4	1.4	0.5	0.0	1.0	0.8	0.8	0.0	-0.2	0.6	0.3	0.4	2.4	0.7	0.3	3.8	2.3
May	0.8	0.0	-0.5	-0.8	0.1	-1.9	-3.5	3.6	0.9	0.0	1.6	2.0	1.2	-0.1	-0.2	0.9	0.8	0.5	2.6	1.8	-0.3	5.2	6.2
Jun	1.1	0.0	0.1	-0.5	0.8	-2.2	-3.0	4.0	1.0	-0.2	1.3	2.7	-0.5	0.1	-0.1	1.4	1.9	0.4	3.1	3.4	-2.1	5.8	4.4
Jul	1.3	0.1	0.1	-1.3	0.8	-1.6	-1.8	3.3	1.4	0.0	0.2	3.0	-0.3	0.1	-0.2	2.0	1.9	0.3	3.1	4.9	-3.9	11.7	11.7
Aug	1.2	0.4	0.4	-1.3	1.2	-2.3	-2.1	4.2	1.2	0.4	-0.4	0.7	-0.8	-0.1	0.0	1.4	2.1	0.3	2.9	5.6	-3.9	10.3	8.8
Sep	1.3	0.3	0.0	-6.1	1.4	-2.8	-1.9	4.2	1.3	0.0	-1.2	-2.6	-0.8	-0.2	0.0	1.7	3.4	0.4	4.0	6.5	-3.9	9.9	2.1
Oct	1.4	0.3	-0.3	-5.8	1.0	-3.5	-2.0	5.2	1.5	0.3	-0.9	-1.8	-0.1	-0.1	0.0	2.5	3.4	0.5	3.8	7.2	-4.4	9.2	-1.0

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 First Quarterly Estimate published on 22 December 2020

**CONTRIB 1** Monthly GDP based on GVA (Gross Value Added) <sup>1</sup>  
 Contributions to growth of gross value added at basic prices <sup>2,3,4,5</sup>

seasonally adjusted 2018=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	
2018 weights	1000	6	139	11	101	14	13	64	790	104	40	29	66	68	135	77	53	49	57	75	16	18	3	

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 Nov	0.45	0.01	-0.10	-0.02	-0.05	0.00	-0.02	0.03	0.51	0.02	0.06	0.02	0.16	-0.02	0.05	0.09	0.05	0.01	0.05	0.05	-0.01	-0.04	0.01
2018 Dec	0.31	0.01	-0.18	-0.03	-0.11	-0.02	-0.01	-0.02	0.49	0.02	0.06	0.04	0.14	-0.04	0.05	0.07	0.06	0.00	0.07	0.03	0.01	-0.04	0.02
2019 Jan	0.24	0.02	-0.12	-0.04	-0.07	0.00	-0.02	-0.05	0.40	0.04	0.02	0.06	0.19	-0.06	0.03	0.00	0.05	0.00	0.06	0.01	0.03	-0.04	0.01
2019 Feb	0.28	0.02	-0.01	-0.03	0.01	0.01	-0.01	-0.02	0.29	0.02	-0.01	0.04	0.27	-0.07	0.03	-0.06	0.02	0.03	0.04	0.00	0.03	-0.03	0.00
2019 Mar	0.56	0.01	0.16	0.00	0.15	0.01	0.00	0.11	0.28	0.09	-0.02	0.03	0.21	-0.08	0.02	-0.08	0.05	0.05	0.03	0.01	0.01	-0.01	-0.01
2019 Apr	0.50	0.01	0.08	0.01	0.06	0.00	0.01	0.15	0.26	0.09	0.01	0.00	0.10	-0.10	0.02	-0.02	0.04	0.05	0.04	0.02	0.00	0.00	-0.01
2019 May	0.32	0.01	0.01	0.02	-0.06	0.02	0.02	0.10	0.21	0.12	0.01	-0.01	0.02	-0.11	0.03	0.00	0.03	0.03	0.06	0.03	-0.02	0.00	0.00
2019 Jun	-0.01	0.01	-0.20	-0.02	-0.25	0.05	0.02	0.00	0.19	0.04	-0.01	0.00	0.08	-0.08	0.03	0.05	-0.02	0.01	0.07	0.03	-0.01	0.00	0.00
2019 Jul	0.20	0.01	-0.10	-0.02	-0.15	0.04	0.02	-0.03	0.32	0.02	-0.02	0.01	0.11	-0.03	0.02	0.08	0.02	0.00	0.05	0.04	0.00	0.00	0.00
2019 Aug	0.32	0.01	-0.15	-0.03	-0.14	0.01	0.01	-0.03	0.49	0.00	0.00	0.03	0.10	0.04	0.00	0.16	0.04	0.01	0.03	0.05	0.02	0.01	-0.01
2019 Sep	0.43	0.02	-0.09	0.03	-0.07	-0.04	-0.01	0.02	0.48	0.02	0.02	0.00	0.06	0.06	0.00	0.14	0.06	0.02	0.02	0.04	0.01	0.03	-0.01
2019 Oct	0.26	0.02	-0.11	0.04	-0.11	-0.02	-0.01	-0.04	0.39	0.04	0.03	-0.03	0.04	0.05	0.00	0.13	-0.02	0.03	0.04	0.02	0.01	0.05	0.00
2019 Nov	0.13	0.01	-0.03	0.05	-0.08	0.01	-0.02	-0.05	0.19	0.02	0.03	-0.02	0.01	-0.02	0.01	0.05	-0.03	0.04	0.08	0.00	-0.01	0.05	0.00
2019 Dec	-0.02	0.01	-0.04	-0.05	-0.05	0.05	-0.02	-0.12	0.13	-0.02	0.01	-0.01	-0.03	-0.06	0.01	0.04	-0.01	0.04	0.09	-0.01	0.01	0.03	0.01
2020 Jan	-0.22	0.00	-0.12	-0.04	-0.08	0.01	-0.01	-0.07	-0.03	-0.03	-0.01	0.02	-0.13	-0.08	0.02	-0.02	0.05	0.03	0.09	0.01	0.03	-0.01	0.02
2020 Feb	-0.31	0.00	-0.12	-0.05	-0.02	-0.04	0.00	-0.09	-0.10	-0.02	-0.04	0.01	-0.12	-0.03	0.05	-0.01	0.03	0.02	0.01	0.01	0.02	-0.05	0.01
2020 Mar	-2.78	-0.01	-0.29	-0.04	-0.19	-0.07	0.01	-0.14	-2.34	-0.35	-0.24	-0.31	-0.13	-0.03	0.05	-0.06	-0.20	0.02	-0.52	-0.33	-0.09	-0.13	-0.03
2020 Apr	-10.96	-0.03	-1.26	-0.06	-1.08	-0.09	-0.03	-1.07	-8.61	-1.62	-0.77	-1.21	-0.27	-0.11	-0.07	-0.54	-0.86	0.03	-1.27	-1.11	-0.36	-0.39	-0.08
2020 May	-18.27	-0.04	-2.12	-0.07	-1.90	-0.10	-0.06	-1.78	-14.34	-2.57	-1.18	-2.11	-0.56	-0.21	-0.23	-1.07	-1.46	0.03	-1.84	-1.83	-0.62	-0.63	-0.12
2020 Jun	-18.81	-0.04	-2.19	-0.02	-2.00	-0.10	-0.07	-2.12	-14.47	-2.14	-1.11	-2.32	-0.72	-0.26	-0.36	-1.37	-1.54	0.04	-1.39	-1.85	-0.66	-0.72	-0.11
2020 Jul	-5.57	-0.01	-0.35	0.03	-0.36	-0.02	-0.01	-0.48	-4.74	-0.51	-0.29	-1.03	-0.42	-0.12	-0.27	-0.71	-0.70	0.04	-0.30	-0.85	-0.34	-0.26	-0.03
2020 Aug	8.94	0.03	1.39	0.06	1.21	0.07	0.05	1.19	6.34	2.89	0.49	0.89	0.05	0.04	-0.10	0.18	0.31	0.04	0.82	0.33	0.07	0.26	0.05
2020 Sep	16.03	0.05	2.02	-0.01	1.84	0.12	0.08	2.22	11.76	3.12	0.77	2.17	0.31	0.16	0.11	0.80	0.77	0.04	1.30	1.13	0.32	0.69	0.11
2020 Oct	10.46	0.03	1.05	-0.06	1.02	0.06	0.04	1.44	7.96	1.45	0.47	1.66	0.17	0.10	0.12	0.65	0.50	0.03	1.06	1.02	0.23	0.45	0.08
2020 Nov	4.12	0.00	0.40	-0.08	0.46	0.00	0.02	0.78	2.95	0.09	0.23	0.18	0.03	0.03	0.07	0.45	0.19	0.03	0.74	0.74	0.06	0.11	0.02

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 Nov	1.48	-0.03	-0.09	0.01	-0.04	-0.05	-0.03	0.09	1.50	0.37	0.11	0.10	0.32	-0.02	-0.02	0.33	0.17	0.05	0.03	0.06	-0.04	0.01	0.02
2018 Dec	1.40	-0.02	-0.14	0.07	-0.11	-0.05	-0.03	-0.03	1.59	0.39	0.13	0.11	0.36	-0.03	-0.01	0.34	0.14	0.04	0.06	0.05	-0.02	-0.01	0.03
2019 Jan	1.33	0.00	-0.15	0.07	-0.13	-0.04	-0.03	-0.06	1.53	0.39	0.11	0.11	0.47	-0.07	0.00	0.22	0.11	0.05	0.08	0.03	0.00	-0.03	0.03
2019 Feb	1.51	0.01	-0.11	0.08	-0.09	-0.05	-0.02	0.02	1.58	0.38	0.11	0.12	0.57	-0.12	0.01	0.18	0.12	0.08	0.08	0.02	0.01	-0.03	0.03
2019 Mar	1.89	0.01	-0.01	0.04	0.03	-0.07	0.01	0.23	1.65	0.44	0.12	0.12	0.58	-0.18	0.02	0.14	0.17	0.10	0.09	0.02	0.02	-0.04	0.02
2019 Apr	1.93	0.03	-0.09	0.03	-0.04	-0.08	0.01	0.28	1.71	0.44	0.15	0.12	0.56	-0.22	0.05	0.16	0.18	0.12	0.11	0.04	0.02	-0.05	0.02
2019 May	1.78	0.04	-0.07	0.02	-0.09	-0.01	0.02	0.25	1.57	0.39	0.13	0.08	0.51	-0.23	0.11	0.12	0.16	0.12	0.14	0.08	0.01	-0.06	0.02
2019 Jun	1.54	0.04	-0.18	-0.03	-0.23	0.06	0.02	0.14	1.53	0.29	0.08	0.08	0.55	-0.23	0.14	0.14	0.12	0.12	0.16	0.11	0.00	-0.06	0.02
2019 Jul	1.49	0.04	-0.15	-0.04	-0.19	0.07	0.01	0.09	1.51	0.19	0.06	0.07	0.59	-0.20	0.14	0.15	0.14	0.10	0.18	0.13	0.01	-0.06	0.01
2019 Aug	1.37	0.05	-0.26	-0.06	-0.24	0.04	0.00	0.08	1.51	0.16	0.05	0.08	0.56	-0.16	0.11	0.19	0.14	0.08	0.18	0.13	0.03	-0.05	0.01
2019 Sep	1.29	0.05	-0.31	-0.04	-0.28	0.00	0.00	0.10	1.45	0.17	0.06	0.06	0.49	-0.14	0.10	0.18	0.15	0.08	0.19	0.12	0.03	-0.02	0.00
2019 Oct	1.21	0.05	-0.25	-0.01	-0.27	0.03	0.00	0.04	1.37	0.19	0.04	0.05	0.44	-0.14	0.08	0.19	0.10	0.09	0.20	0.09	0.03	0.01	-0.01
2019 Nov	1.05	0.05	-0.19	0.01	-0.26	0.05	0.00	0.00	1.19	0.15	0.02	0.03	0.41	-0.16	0.07	0.15	0.06	0.11	0.21	0.08	0.03	0.04	-0.01
2019 Dec	0.97	0.05	-0.17	-0.02	-0.23	0.07	0.00	0.00	1.09	0.13	0.01	0.03	0.31	-0.16	0.06	0.14	0.08	0.12	0.21	0.08	0.03	0.05	-0.01
2020 Jan	0.74	0.04	-0.25	-0.01	-0.28	0.03	0.01	0.01	0.94	0.11	0.02	0.01	0.12	-0.15	0.07	0.17	0.10	0.11	0.23	0.09	0.03	0.04	0.00
2020 Feb	0.46	0.03	-0.30	-0.02	-0.29	0.01	0.01	-0.07	0.79	0.11	-0.01	0.01	0.02	-0.12	0.09	0.20	0.07	0.10	0.18	0.09	0.02	0.02	0.00
2020 Mar	-2.39	0.02	-0.62	-0.05	-0.57	-0.01	0.01	-0.25	-1.54	-0.30	-0.21	-0.31	-0.03	-0.10	0.09	0.16	-0.17	0.09	-0.34	-0.26	-0.08	-0.07	-0.02
2020 Apr	-10.74	0.00	-1.59	-0.08	-1.42	-0.05	-0.03	-1.21	-7.95	-1.61	-0.76	-1.20	-0.26	-0.17	-0.02	-0.35	-0.81	0.09	-1.09	-1.05	-0.33	-0.35	-0.07
2020 May	-18.16	-0.02	-2.42	-0.10	-2.14	-0.12	-0.07	-1.95	-13.78	-2.57	-1.19	-2.09	-0.57	-0.23	-0.16	-0.87	-1.42	0.10	-1.72	-1.78	-0.58	-0.62	-0.11
2020 Jun	-20.74	-0.03	-2.56	-0.06	-2.27	-0.16	-0.09	-2.31	-15.85	-2.44	-1.29	-2.57	-0.81	-0.28	-0.29	-1.23	-1.66	0.11	-1.76	-2.10	-0.72	-0.77	-0.12
2020 Jul	-15.88	-0.02	-1.80	-0.03	-1.60	-0.11	-0.06	-1.60	-12.48	-1.17	-1.01	-2.13	-0.73	-0.24	-0.28	-1.06	-1.45	0.12	-1.41	-1.85	-0.63	-0.59	-0.10
2020 Aug	-11.12	-0.01	-1.13	-0.03	-1.01	-0.06	-0.03	-0.95	-9.05	-0.21	-0.79	-1.39	-0.63	-0.23	-0.24	-0.88	-1.20	0.12	-1.07	-1.55	-0.55	-0.42	-0.06
2020 Sep	-8.42	-0.01	-0.86	-0.09	-0.73	-0.02	-0.02	-0.57	-6.99	0.02	-0.70	-0.84	-0.62	-0.21	-0.20	-0.73	-1.10	0.12	-0.75	-1.25	-0.47	-0.26	-0.03
2020 Oct	-7.32	-0.01	-0.80	-0.12	-0.63	-0.04	-0.01	-0.35	-6.16	0.02	-0.64	-0.71	-0.62	-0.21	-0.19	-0.65	-1.01	0.12	-0.56	-1.01	-0.45	-0.26	-0.02
2020 Nov	-7.58	-0.02	-0.74	-0.14																			

**CONTRIB 2** Monthly GDP based on GVA (Gross Value Added) <sup>1</sup>  
Contributions to growth of gross value added at basic prices <sup>2,3,4,5</sup>

seasonally adjusted 2018=100

Section	Industry sections (SIC2007)																						
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2018 weights	1000	6	139	11	101	14	13	64	790	104	40	29	66	68	135	77	53	49	57	75	16	18	3

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 Nov	0.06	0.01	-0.09	-0.01	-0.07	0.00	-0.01	-0.02	0.17	0.08	0.00	0.04	0.04	-0.03	-0.01	0.04	0.02	-0.01	0.03	0.00	0.01	-0.02	0.00
2018 Dec	-0.27	0.01	-0.01	-0.01	0.00	0.00	0.00	-0.15	-0.13	-0.16	-0.04	-0.02	0.25	-0.04	0.01	-0.06	-0.08	0.00	0.00	-0.01	0.04	-0.02	0.00
2019 Jan	0.47	0.00	0.12	-0.02	0.11	0.03	-0.01	0.13	0.22	0.14	-0.01	0.04	0.07	0.00	0.02	-0.11	0.07	0.04	0.00	0.01	-0.02	0.00	-0.01
2019 Feb	0.31	0.00	0.03	0.02	0.04	-0.05	0.01	0.15	0.13	0.01	0.02	0.00	-0.04	-0.04	0.00	0.08	0.03	0.02	0.01	0.01	0.00	0.01	0.00
2019 Mar	0.17	0.00	0.17	0.05	0.11	0.01	0.00	-0.04	0.03	0.05	0.00	-0.02	-0.01	-0.06	0.01	-0.01	0.01	0.01	0.03	0.01	0.01	0.00	0.00
2019 Apr	-0.42	0.00	-0.42	-0.07	-0.39	0.04	0.00	-0.01	0.01	0.01	0.02	-0.01	0.06	-0.03	0.01	-0.01	-0.06	0.00	0.03	0.01	-0.02	-0.02	0.01
2019 May	0.22	0.01	0.17	0.03	0.10	0.02	0.02	0.02	0.03	0.01	-0.04	-0.02	0.00	-0.01	0.03	-0.01	0.03	0.00	0.02	0.02	-0.02	0.02	0.00
2019 Jun	0.16	0.00	-0.04	-0.03	-0.04	0.01	0.01	-0.08	0.28	-0.04	-0.02	0.07	0.11	0.02	-0.03	0.13	-0.02	0.00	0.00	0.02	0.04	0.00	-0.01
2019 Jul	0.29	0.01	-0.05	-0.01	0.02	-0.04	-0.02	0.07	0.04	0.07	-0.02	-0.02	-0.01	0.27	0.04	0.00	0.02	0.12	0.00	-0.01	0.02	-0.02	0.00
2019 Aug	-0.10	0.01	-0.14	0.02	-0.15	-0.01	0.00	-0.02	0.05	0.01	-0.03	-0.04	-0.05	0.05	0.00	0.07	-0.05	0.01	0.01	0.01	0.03	0.03	0.00
2019 Sep	0.07	0.00	0.08	0.09	0.00	-0.01	0.00	0.02	-0.03	-0.01	0.00	0.00	0.09	-0.04	0.01	-0.04	-0.06	0.02	0.03	-0.01	-0.04	0.01	0.00
2019 Oct	0.22	0.00	0.08	-0.08	0.11	0.06	-0.01	-0.15	0.29	0.06	0.05	0.00	0.00	0.00	0.01	0.08	0.02	0.02	0.03	-0.02	0.00	0.02	0.01
2019 Nov	-0.35	0.00	-0.16	0.00	-0.17	0.00	0.00	0.07	-0.26	-0.10	-0.04	0.04	-0.13	-0.08	-0.02	-0.08	0.04	0.00	0.05	0.02	0.04	0.00	0.01
2020 Dec	-0.04	0.00	-0.05	-0.04	0.01	-0.03	0.01	-0.07	0.08	-0.02	-0.01	-0.01	0.03	0.01	0.04	0.03	0.02	0.01	0.01	0.01	0.00	-0.04	0.01
2020 Jan	-0.02	0.00	0.00	0.00	0.03	-0.04	0.01	0.00	-0.02	0.13	0.03	-0.02	-0.15	0.01	0.02	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00
2020 Feb	-0.30	-0.01	0.05	0.00	0.07	-0.01	-0.01	-0.05	-0.29	-0.11	-0.11	-0.05	0.10	0.00	0.03	-0.01	-0.07	0.01	-0.12	-0.02	-0.03	-0.01	-0.01
2020 Mar	-7.27	-0.01	-0.71	-0.06	-0.66	0.00	0.01	-0.23	-6.32	-1.07	-0.52	-0.96	-0.08	-0.07	-0.04	-0.13	-0.55	0.01	-1.39	-0.99	-0.26	-0.25	-0.07
2020 Apr	-18.82	-0.04	-2.66	-0.02	-2.41	-0.13	-0.10	-2.71	-13.42	-2.87	-1.07	-1.92	-2.71	-1.92	-2.87	-1.45	-1.39	0.02	-0.75	-1.43	-0.52	-0.63	-0.07
2020 May	3.22	0.01	0.79	0.03	0.74	0.01	0.00	0.63	1.80	1.19	0.26	0.06	-0.15	0.05	-0.08	-0.14	-0.01	0.02	0.37	0.22	-0.07	0.07	0.01
2020 Jun	9.31	0.02	1.48	0.09	1.23	0.07	0.09	1.13	6.68	2.78	0.61	0.46	0.34	0.06	-0.01	0.66	0.69	0.01	0.46	0.30	0.19	0.08	0.02
2020 Jul	6.46	0.02	0.71	-0.03	0.66	0.07	0.02	0.94	4.80	0.89	0.19	1.09	0.19	0.06	0.10	0.27	0.23	0.01	0.50	0.48	0.18	0.55	0.07
2020 Aug	2.09	0.01	0.03	-0.04	0.09	0.00	-0.02	0.28	1.78	0.00	0.05	1.07	-0.10	0.04	0.03	0.00	0.06	0.01	0.27	0.32	0.00	0.01	0.03
2020 Sep	1.09	0.00	0.05	-0.03	0.06	0.00	0.02	0.17	0.87	-0.04	0.11	0.32	0.00	0.01	0.03	0.30	0.07	0.01	0.36	0.25	0.04	0.06	0.00
2020 Oct	0.64	-0.01	0.15	0.00	0.15	-0.01	0.00	0.10	0.40	0.11	0.05	-0.34	0.12	-0.01	0.01	0.10	0.06	0.01	0.08	0.19	0.02	0.00	-0.01
2020 Nov	-2.60	-0.01	-0.01	-0.03	0.07	-0.03	-0.01	0.13	-2.71	-0.63	-0.02	-0.93	-0.14	-0.06	-0.04	-0.06	-0.09	0.00	-0.08	-0.05	-0.18	-0.37	-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 Nov	1.48	-0.02	-0.19	0.00	-0.11	-0.05	-0.03	0.02	1.67	0.43	0.15	0.13	0.33	-0.03	-0.02	0.35	0.17	0.04	0.07	0.05	-0.03	-0.01	0.03
2018 Dec	1.05	0.00	-0.15	0.18	-0.18	-0.08	-0.03	-0.28	1.48	0.34	0.12	0.10	0.49	-0.07	0.00	0.28	0.06	0.04	0.08	0.02	0.00	-0.03	0.04
2019 Jan	1.44	0.02	-0.10	-0.01	-0.09	0.02	-0.01	0.07	1.45	0.42	0.08	0.11	0.61	-0.11	0.01	0.04	0.10	0.08	0.09	0.01	0.01	-0.05	0.03
2019 Feb	2.02	0.02	-0.08	0.03	0.01	-0.10	-0.01	0.27	1.80	0.39	0.13	0.15	0.63	-0.19	0.00	0.22	0.21	0.10	0.09	0.01	0.03	-0.02	0.02
2019 Mar	2.21	0.03	0.14	0.11	0.16	-0.13	0.01	0.34	1.69	0.52	0.15	0.10	0.50	-0.23	0.04	0.16	0.20	0.12	0.11	0.04	0.03	-0.05	0.01
2019 Apr	1.57	0.04	-0.33	-0.06	-0.28	-0.02	0.02	0.24	1.62	0.41	0.16	0.09	0.55	-0.24	0.12	0.10	0.13	0.13	0.14	0.08	0.00	-0.07	0.02
2019 May	1.57	0.04	-0.03	0.00	-0.15	0.10	0.03	0.16	1.40	0.24	0.07	0.05	0.49	-0.23	0.17	0.09	0.16	0.12	0.16	0.12	-0.01	-0.06	0.02
2019 Jun	1.47	0.04	-0.17	-0.02	-0.24	0.10	0.00	0.03	1.56	0.20	0.02	0.10	0.62	-0.20	0.15	0.22	0.06	0.11	0.18	0.14	0.03	-0.07	0.01
2019 Jul	1.42	0.05	-0.26	-0.09	-0.19	0.01	0.00	0.09	1.55	0.13	0.09	0.05	0.64	-0.16	0.11	0.14	0.19	0.08	0.18	0.14	0.01	-0.07	0.01
2019 Aug	1.22	0.05	-0.36	-0.08	-0.29	0.00	0.00	0.12	1.41	0.15	0.05	0.07	0.41	-0.12	0.09	0.21	0.17	0.06	0.19	0.12	0.06	-0.03	0.00
2019 Sep	1.23	0.06	-0.30	0.06	-0.37	0.00	0.01	0.09	1.39	0.22	0.05	0.06	0.41	-0.15	0.11	0.17	0.09	0.09	0.21	0.10	0.02	0.02	0.00
2019 Oct	1.17	0.05	-0.10	-0.02	-0.16	0.08	0.00	-0.09	1.31	0.20	0.03	0.02	0.50	-0.14	0.06	0.20	0.04	0.11	0.20	0.06	0.02	0.04	-0.01
2019 Nov	0.75	0.05	-0.18	0.00	-0.26	0.08	0.00	0.01	0.88	0.03	-0.01	0.02	0.33	-0.19	0.05	0.07	0.05	0.12	0.22	0.08	0.05	0.06	0.00
2020 Dec	0.99	0.04	-0.23	-0.03	-0.26	0.05	0.01	0.08	1.09	0.17	0.01	0.04	0.12	-0.15	0.08	0.16	0.16	0.13	0.23	0.11	0.02	0.04	0.00
2020 Jan	0.50	0.03	-0.34	0.00	-0.33	-0.03	0.02	-0.05	0.85	0.15	0.05	-0.02	-0.10	-0.13	0.08	0.27	0.08	0.09	0.23	0.09	0.03	0.03	0.01
2020 Feb	-0.11	0.03	-0.32	-0.03	-0.30	0.01	0.00	-0.25	0.44	0.03	-0.08	0.02	0.04	-0.09	0.11	0.18	-0.02	0.08	0.09	0.06	0.00	0.01	0.00
2020 Mar	-7.53	0.01	-1.20	-0.13	-1.06	0.00	0.01	-0.44	-5.91	-1.09	-0.60	-0.92	-0.02	-0.10	0.07	0.05	-0.58	0.08	-1.32	-0.93	-0.26	-0.25	-0.06
2020 Apr	-24.61	-0.03	-3.25	-0.09	-2.91	-0.17	-0.09	-2.94	-18.41	-3.77	-1.61	-2.70	-0.79	-0.32	-0.23	-1.29	-1.82	0.10	-2.06	-2.28	-0.73	-0.82	-0.14
2020 May	-22.36	-0.03	-2.82	-0.09	-2.44	-0.18	-0.11	-2.48	-17.04	-2.87	-1.37	-2.64	-0.90	-0.27	-0.32	-1.39	-1.85	0.11	-1.80	-2.12	-0.76	-0.78	-0.13
2020 Jun	-15.26	-0.02	-1.62	0.00	-1.44	-0.14	-0.05	-1.52	-12.11	-0.68	-0.87	-2.35	-0.74	-0.24	-0.30	-1.00	-1.29	0.12	-1.44	-1.91	-0.66	-0.72	-0.11
2020 Jul	-10.05	0.00	-0.96	-0.02	-0.91	-0.03	-0.01	-0.79	-8.29	0.03	-0.78	-1.41	-0.56	-0.22	-0.22	-0.79	-1.21	0.13	-1.01	-1.51	-0.48	-0.25	-0.05
2020 Aug	-8.07	0.00	-0.80	-0.07	-0.68	-0.02	-0.03	-0.53	-6.75	0.02	-0.71	-0.41	-0.60	-0.23	-0.20	-0.86	-1.11	0.13	-0.78	-1.23	-0.51	-0.28	-0.02
2020 Sep	-7.14	-0.01	-0.83	-0.18	-0.62	-0.02	-0.01	-0.38	-5.91	-0.01	-0.61	-0.70	-0.69	-0.19	-0.18	-0.55	-0.98	0.12	-0.48	-0.99	-0.43	-0.24	-0.02
2020 Oct	-6.75	-0.02	-0.77	-0.10	-0.59	-0.09	0.01	-0.14	-5.82	0.04	-0.61	-1.02	-0.58	-0.20	-0.18	-0.53	-0.95	0.11	-0.43	-0.80	-0.41	-0.26	-0.03
2020 Nov	-8.86	-0.03	-0.62	-0.14	-0.36	-																	