

Statistical bulletin

# GDP monthly estimate, UK: January 2021

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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## Correction

**12 March 2021 10:50**

A correction has been made to the data in Figures 1 and 4.

This was due to small inaccuracies in the 2020 data for Figure 1, and a rounding issue on Figure 4 data. These have now been corrected. This does not impact any figures quoted in the text.

All other versions of these data in associated ONS publications, including data tables and social media, are correct. You can see the original content in the superseded version.

We apologise for any inconvenience.

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# 1 . Main points

- UK gross domestic product (GDP) is estimated to have fallen by 2.9% in January 2021, as government restrictions reduced economic activity.
- Falls in consumer-facing services industries and education drove a contraction of 3.5% in the services sector in January 2021.
- Output in the production sector fell by 1.5% in January 2021, after manufacturing contracted for the first time (by 2.3%) since the initial pandemic-driven fall in output in April 2020.
- The construction sector grew by 0.9% in January 2021, driven by growth in new work.
- January's GDP was 9.0% below the levels seen in February 2020, compared with 4.0% below October 2020 (the initial recovery peak).

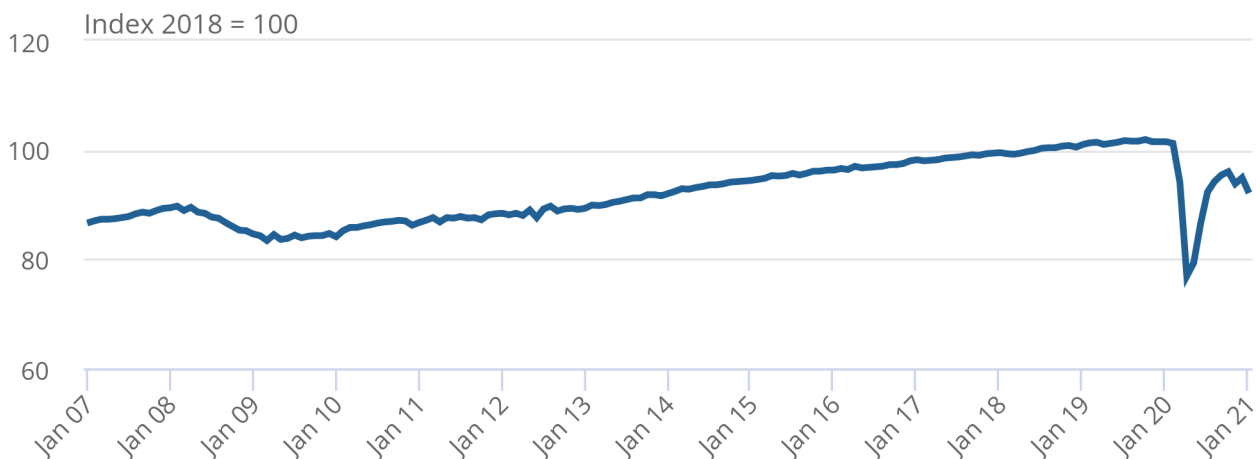
## 2 . Monthly GDP headline figures

**Figure 1: GDP fell by 2.9% in January 2021 as government restrictions reduced economic activity**

Monthly index, January 2007 until January 2021, 2018 = 100

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Monthly index, January 2007 until January 2021, 2018 = 100



Source: Office for National Statistics - GDP monthly estimate

GDP estimates for January 2021 are subject to [more uncertainty than usual](#) as a result of the challenges we faced estimating GDP in the current conditions.

Monthly real gross domestic product (GDP) is estimated to have fallen by 2.9% in January 2021 following growth of 1.2% in December 2020. Restrictions were in place to varying degree across all four nations of the UK during January. Restriction announcements for each nation are available:

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

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- All ONS analysis, summarised in our [economy, business and jobs roundup](#).
- Explore the latest trends in employment, prices and trade in our [economic dashboard](#).
- View [all economic data](#).

The output approach to GDP shows that January's level was 9.0% below that seen in February 2020 and was 4.0% below levels seen in October 2020, the initial recovery peak. Overall, all main sectors of GDP remained notably below their pre-pandemic (February 2020) levels and all were lower than in October 2020.

Table 1: Percentage change in output since the pre-pandemic peak in February 2020 and the initial recovery peak in October 2020

	Change since February 2020	Change since October 2020
<b>GDP</b>	-9.0%	-4.0%
<b>Index of Services</b>	-10.2%	-4.9%
<b>Index of Production</b>	-5.0%	-1.0%
<b>Manufacturing</b>	-5.7%	-1.0%
<b>Construction</b>	-2.6%	-0.3%

Source: Office for National Statistics - GDP monthly estimate

#### Notes

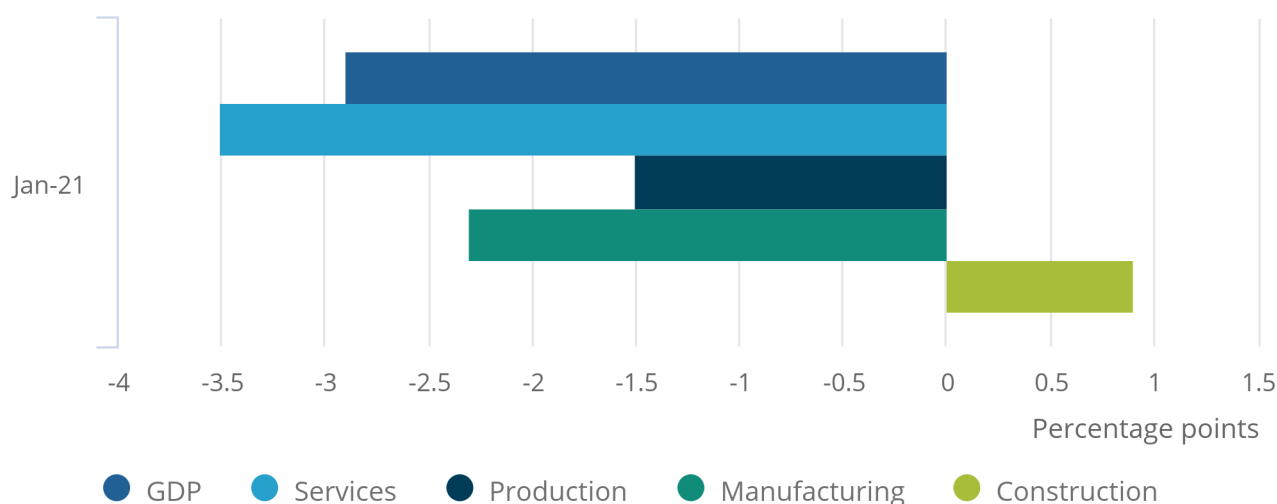
1. This table uses data from the output measure of GDP. Figures from this approach may differ from those calculated from the average measure of GDP, which reflects balanced estimates from the expenditure, income and output approaches.

**Figure 2: While construction output increased in January 2021, output in headline GDP, services, and production fell**

Monthly growth, percentage points, January 2021

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Monthly growth, percentage points, January 2021



Source: Office for National Statistics - GDP monthly estimate

The services sector acted as the main drag on growth in January, decreasing by 3.5% as restrictions on activity were reintroduced in response to the coronavirus (COVID-19) pandemic. The services sector was 10.2% below the level of February 2020 compared with 4.9% below the level seen in October 2020.

The production sector fell by 1.5% in January 2021 following eight months of consecutive growth. The sector was 5.0% below its February 2020 level.

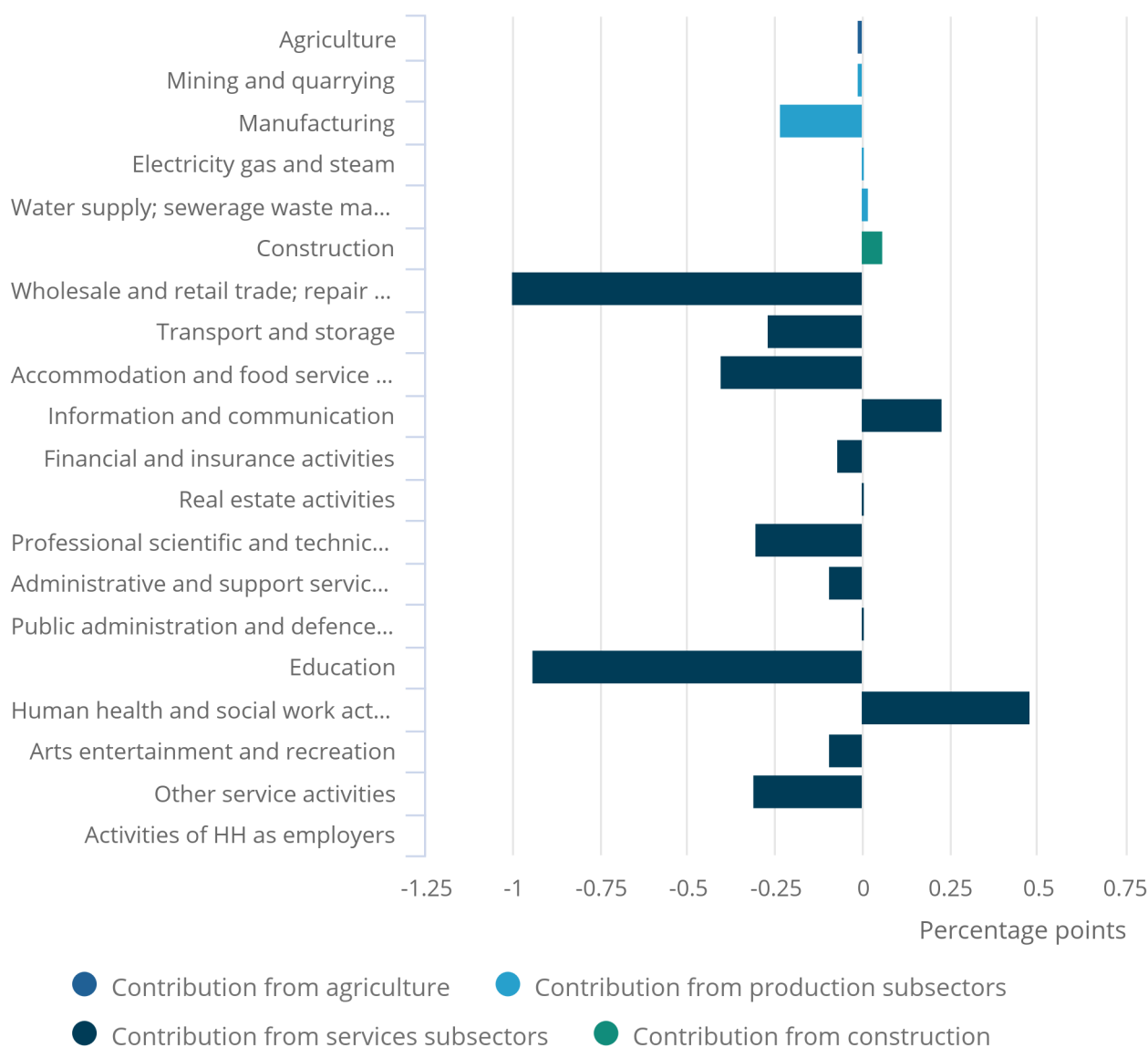
The construction sector saw positive growth of 0.9% in January, after a decline of 2.9% in December 2020. The construction sector was 2.6% below the level of February 2020.

**Figure 3: Although most sub-sectors negatively contributed to GDP in January 2021, health services, and information and communication services made a positive contribution**

Contribution to monthly GDP, percentage points, January 2021

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Contribution to monthly GDP, percentage points, January 2021



Source: Office for National Statistics - GDP monthly estimate

Notes:

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

The service sector saw falls in 9 of the 14 sub-sectors between December 2020 and January 2021. The largest contributor to the fall was wholesale and retail trade, followed by education services, accommodation and food service activities, and other service activities such as hairdressing, because of the reintroduction of restrictions across the UK. There was growth in five sub-sectors, most notably in health activities, and information and communication services. Within the production sector, manufacturing contracted by 2.3% in January, the first decline in this sub-sector since April 2020.

Looking ahead, initial results from [Wave 25](#) of the Business Insights and Conditions Survey (BICS) found that the percentage of currently trading businesses experiencing a decrease in turnover in mid-February 2021, compared with normal expectations for this time of year, has fallen by 2 percentage points since early February (Wave 24), to 44%. This was last lower in mid-December 2020 (Wave 21) when it was 42%.

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 medium-term trend of the economy. However, it is useful in highlighting one-off changes that can be masked by three-month growth rates.

GDP contracted by 1.7% in the three months to January 2021, down from a 1.0% growth in the three months to December 2020.

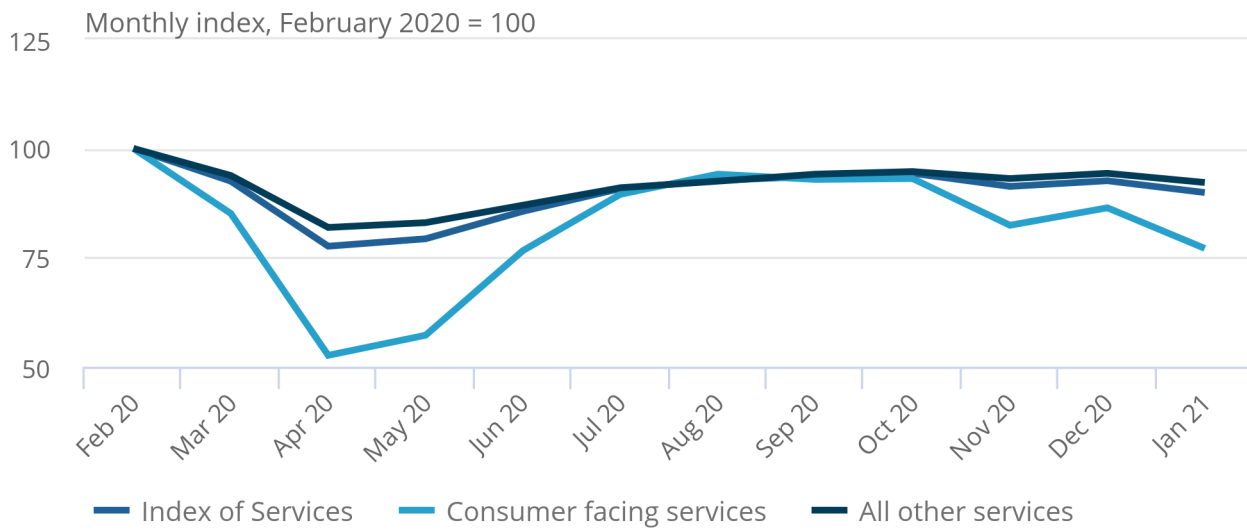
### 3 . The services sector

**Figure 4: Consumer-facing service industries once again saw a fall in output in January 2021**

Monthly index, February 2020 to January 2021, February 2020 = 100

Figure 4: Consumer-facing service industries once again saw a fall in output in January 2021

Monthly index, February 2020 to January 2021, 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. In January 2021, consumer-facing services such as trade of motor vehicles and retail trade as well as food and beverage services weakened as restrictions were reintroduced across the UK. Unlike the impact of restrictions imposed in November, education services were also affected by the January restrictions. The education sector contracted by 16.3% in January 2021; the second largest contributor to the monthly decline. While remote learning activities are included for the education sector, the estimated output from these is lower than pre-pandemic classroom-based learning, as described in our [School's Out: measuring education output in the summer of the pandemic blog post](#).

[Differences in the methods for estimating the output of health and education services](#) across different countries mean GDP may be less internationally comparable during the COVID-19 pandemic and recovery than usual, so should be made with increased caution.



Health had a large contribution to growth in January 2021, increasing by 8.7%, mainly through coronavirus testing and tracing and vaccine schemes across the UK. Adjustments for these programmes increased overall GDP by 0.9 percentage points in January 2021; some of these adjustments are in other industries than health. More information is available in [Section 8: Measuring the data](#).

Services output contracted by 2.4% in the three months to January 2021. This was driven by decreases in consumer-facing industries, most notably accommodation and food service activities and wholesale and retail trade, which combined contributed negative 1.91 percentage points to headline GDP.

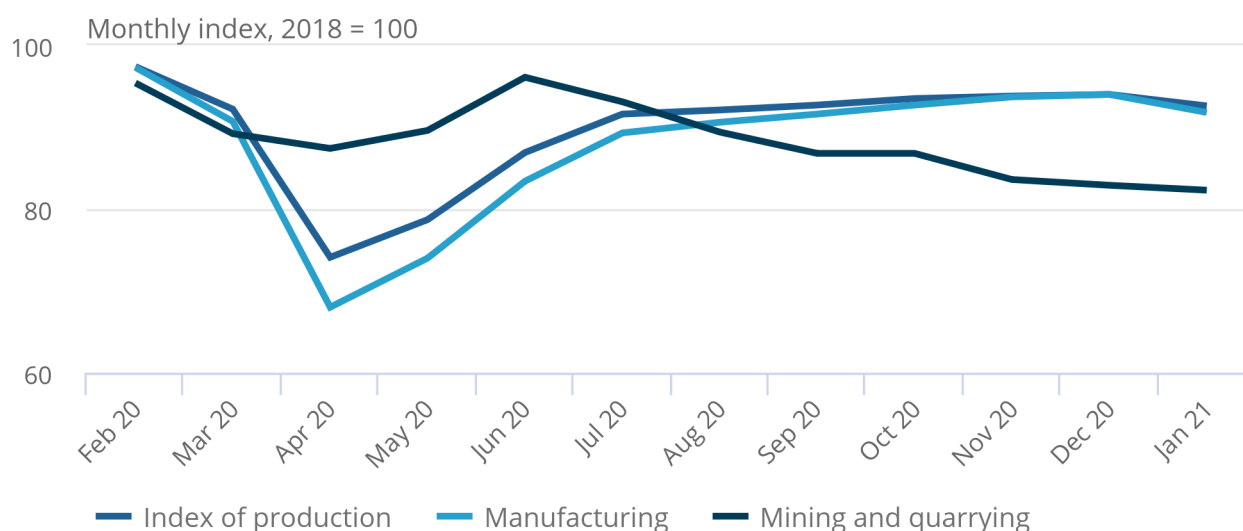
## 4 . The production sector

**Figure 5: Manufacturing declined for the first time since April 2020; mining and quarrying continued to fall every month since a peak in June 2020**

Monthly index, February 2020 to January 2021, 2018 = 100

Figure 5: Manufacturing declined for the first time since April 2020; mining and quarrying continued to fall every month since a peak in June 2020

Monthly index, February 2020 to January 2021, 2018 = 100



Source: Office for National Statistics - GDP monthly estimate

Production declined by 1.5% in January 2021 with contractions in two out of the four sub-sectors. The manufacturing sub-sector contracted by 2.3%, the first decline since April 2020, largely driven by a fall in exports. 9 out of the 13 manufacturing sub-sectors declined; the largest negative contribution came from the manufacture of transport equipment sector which contracted by 11.1%. This was driven by a decrease in the manufacture of motor vehicles industry of 16.9%.

Mining and quarrying continued to decline, decreasing by 0.7% in January 2021. Oil and gas extraction has seen large declines since June 2020, mainly due to tightened restrictions impacting on demand. Electricity, gas, steam and air conditioning supply increased by 0.9%, while water supply increased 1.2% in January 2021.

Output in the production sector grew by 0.7% in the three months to January 2021. This was driven by increases in two out of the four sub-sectors, most notably in manufacturing following growth in both November and December 2020.

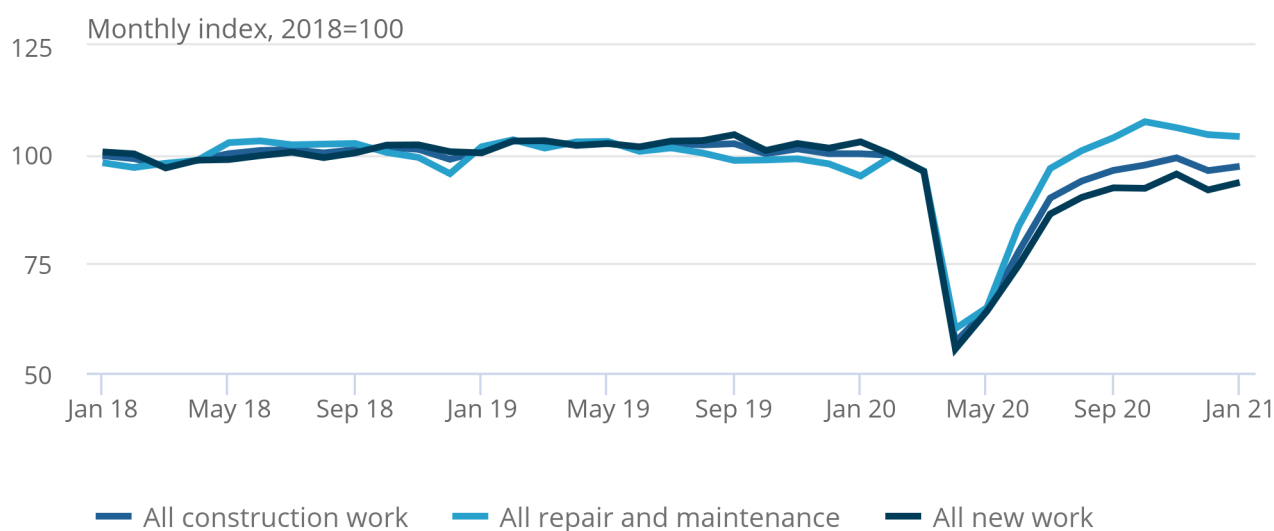
## 5 . The construction sector

**Figure 6: Construction output increased in January 2021, driven by growth in new work activity, but remained below pre-pandemic levels**

Monthly index, January 2018 to January 2021, 2018 = 100

Figure 6: Construction output increased in January 2021, driven by growth in new work activity, but remained below pre-pandemic levels

Monthly index, January 2018 to January 2021, 2018 = 100



Source: Office for National Statistics - GDP monthly estimate

Construction output grew by 0.9% in January 2021 following a fall of 2.9% in December 2020. The monthly growth was driven by a rise in new work of 1.7% offset by a small contraction in repair and maintenance of 0.4%.

The growth in new work was driven by private commercial and infrastructure which grew by 4.5% and 3.1% respectively.

Despite recovering to its pre-pandemic (February 2020) levels in the November 2020 release, at January 2021 the construction sector was 2.6% below February 2020.

The construction sector grew by 1.7% in the three months to January 2021. The main contributors were infrastructure, non-housing repair and maintenance and private new housing, which grew by 7.4%, 4.1% and 2.7% respectively.

## 6 . Monthly GDP data

### [Monthly gross domestic product by gross value added](#)

Dataset | Released 12 March 2021

The gross value added (GVA) tables showing the monthly and annual growths and indices as published within the monthly gross domestic product (GDP) statistical bulletin.

### [Contributions to monthly GDP](#)

Dataset | Released 12 March 2021

Contributions to growth within monthly gross domestic product (GDP), UK.

### [Monthly gross domestic product: time series](#)

Dataset | Dataset ID: MGDGP | Released 12 March 2021

Monthly estimate of gross domestic product (GDP) containing constant price gross value added (GVA) data for the UK.

### [Monthly GDP and main sectors to four decimal places](#)

Dataset | Released 12 March 2021

Monthly index values for monthly gross domestic product (GDP) and the main sectors in the UK to four decimal places.

### [Revisions triangles for monthly GDP](#)

Dataset | Released 12 March 2021

Comparison of gross domestic product (GDP) first estimates against estimates published later.

## 7 . Glossary

### Contribution to growth

Contribution to growth indicates how many percentage points a sector or industry is adding or removing from a given growth rate, usually headline GDP growth.

### Gross domestic product (GDP)

A measure of the economic activity produced by a country or region. Gross domestic product (GDP) growth is the main indicator of economic performance. There are three approaches used to measure GDP:

- the output approach
- the expenditure approach
- the income approach

### Index numbers

Data relative to a given base value, which typically refers to a year.

## Rolling three-month growth

Rolling three-month growth takes the average level of three consecutive months (for example, April, May and June), and compares it with the average level of the previous three months (for example, January, February, and March). The rolling three-month growth rate is often used alongside the monthly growth rate, as the latter can be more volatile.

For further definitions, please see the [Glossary of Economic Terms](#).

## 8 . Measuring the data

### Revisions

This release gives data for January 2021 for the first time and is only open for changes within this month.

### 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 January 2021 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)

### December MBS Response rates

	First December estimate	Current Estimate
<b>Index of Services</b>	75.2%	88.6%
<b>Index of Production</b>	73.5%	90.2%
<b>Construction</b>	68.7%	81.1%

### First December estimate

	First January estimate
<b>Index of Services</b>	84.0%
<b>Index of Production</b>	85.2%
<b>Construction</b>	75.0%

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.

## Adjustments for testing and tracing and vaccine programmes in the UK

An adjustment has been applied to the data for the impact from testing and tracing, and vaccines programmes. The January adjustment across all industries for vaccines, in volume terms, is £400 million, and for testing and tracing is £3,200 million. The equivalent total December 2020 combined adjustment for vaccines, and testing and tracing was £2,200 million. While some vaccinations were given in December 2020, activity did not become significant in scale until 2021, and testing and tracing continued to grow during January as well. The additional activity in January 2021 over December 2020 in both the vaccines and testing and tracing programmes has added 0.9 percentage points to GDP growth in January 2021. Not all of this extra activity will be seen in the output of the health industry as there are other industries involved in the production of the vaccines and various testing kits, as well as a number of service industries involved in the logistical process of delivering the programmes. These very approximate initial estimates are informed by available in-year spending data for testing and tracing; the available estimated cost to secure and manufacture vaccines for the UK and deploy vaccines in England; available testing and vaccination data and estimated imports. These are early estimates that we will continue to refine in future publications.

## End of EU exit transition period

As the transition period has ended and 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, the Office for National Statistics (ONS) is 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 later 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 during the coronavirus (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 9.0% 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.

## **9 . Strengths and limitations**

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

## 10 . Related links

### [Construction output in Great Britain: January 2021](#)

Bulletin | Released 12 March 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: January 2021](#)

Bulletin | Released 12 March 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: January 2021](#)

Bulletin | Released 12 March 2021

Monthly movements in output for the services industries.

### [Coronavirus and the impact on output in the UK economy, UK: January 2021](#)

Article | Released 12 March 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 first quarterly estimate, UK: October to December 2020](#)

Bulletin | Released 12 February 2020

First quarterly estimate of gross domestic product (GDP). Contains current and constant price data on the value of goods and services to indicate the economic performance of the UK.

### [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) <sup>1</sup>  
Chained volume indices of gross value added at basic prices <sup>2,3,4,5</sup>

seasonally adjusted 2018=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 <sup>6</sup>	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
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
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
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
2020	92.2	96.3	90.4	89.7	88.5	96.5	98.6	89.1	92.7	95.6	84.5	57.4	99.0	94.1	99.4	96.7	84.2	104.3	90.3	92.8	74.9	77.6	60.4
	ECY2	ECY3	ECY4	ECY5	ECY6	ECY7	ECY8	ECY9	ECYC	ECYD	ECYG	ECYH	ECYI	ECYJ	ECYK	ECYL	ECYP	ECYQ	ECYR	ECYS	ECYT	ECYU	ECYV
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
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
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
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
May	101.2	105.3	99.3	99.7	98.5	102.6	101.8	102.7	101.4	102.7	101.1	101.4	106.8	96.7	100.8	100.5	102.1	101.8	102.7	100.9	99.2	97.9	103.4
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
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
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
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
Oct	101.9	108.9	98.8	99.1	98.0	103.7	99.7	100.2	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
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
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	108.0	97.3	96.2	96.8	98.9	100.7	100.2	102.3	103.1	102.3	101.8	104.2	96.6	101.0	103.9	103.2	103.2	105.4	102.1	103.4	98.4	106.3
Feb	101.2	105.1	97.4	95.4	97.3	98.1	99.8	99.8	102.0	102.2	99.3	103.2	105.8	96.4	101.2	104.1	101.8	103.4	104.3	102.3	101.5	97.8	100.1
Mar	94.1	100.0	92.2	89.2	90.7	97.8	100.2	96.2	94.3	91.7	86.7	70.3	104.3	95.3	100.8	102.2	91.3	103.5	80.5	92.9	84.8	84.7	78.9
Apr	76.9	89.2	74.1	87.4	68.0	89.7	92.6	57.1	78.9	66.2	64.7	9.7	93.8	91.6	98.7	85.9	67.1	103.8	68.9	75.9	55.2	52.3	50.7
May	79.3	89.8	78.7	89.6	74.0	90.7	92.7	64.4	80.6	74.7	69.0	11.1	92.2	92.2	98.3	84.9	67.2	104.1	73.6	78.2	51.5	54.5	44.8
Jun	86.5	91.4	86.9	96.1	83.4	94.5	98.1	77.7	87.1	95.9	78.2	23.0	96.3	93.1	98.2	91.3	78.2	104.3	80.1	81.4	61.5	58.4	44.4
Jul	92.3	93.7	91.6	93.1	89.3	99.2	99.7	90.0	92.5	103.3	81.9	56.7	99.4	93.8	98.9	94.7	81.4	104.5	87.5	88.2	72.4	85.6	51.0
Aug	94.2	95.3	92.1	89.4	90.6	99.3	98.8	93.9	94.6	103.3	83.1	86.9	98.1	93.8	99.1	95.1	82.4	104.7	92.3	93.2	73.4	82.9	53.4
Sep	95.4	96.3	92.7	86.8	91.6	98.7	99.9	96.4	95.8	103.4	85.6	77.2	97.9	94.6	99.2	98.5	83.7	104.9	98.0	97.4	76.1	85.7	51.5
Oct	96.0	95.8	93.5	86.8	92.7	98.0	100.5	97.6	96.3	104.5	86.8	66.0	100.1	94.9	99.4	99.7	85.1	105.1	98.6	99.5	78.3	85.8	51.1
Nov	93.8	95.6	93.8	83.6	93.7	96.4	100.4	99.3	93.3	98.6	86.9	36.6	98.3	94.0	99.1	99.2	83.3	105.0	97.8	99.9	67.8	66.8	43.5
Dec	94.9	95.9	94.0	82.9	94.0	97.2	100.5	96.4	94.9	100.8	89.6	45.8	97.9	93.4	99.4	100.8	85.4	105.1	96.8	102.3	72.4	78.8	49.3
2021 Jan	92.1	94.5	92.6	82.3	91.8	98.0	101.7	97.3	91.6	91.7	83.4	33.0	101.3	92.4	99.5	97.1	83.8	105.3	81.1	108.3	66.9	62.5	50.2
Percentage change, latest year on previous year	GDPQ	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3E4	L3E8	L3EG	L3EJ	L3EU	L3F2	L3F8	L3FN	L3FW	L3FY	L3G2	L3G9	L3GF	L3GJ
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											



GVA2

Monthly GDP based on GVA (Gross Value Added) <sup>1</sup>  
Chained volume indices of gross value added at basic prices <sup>2,3,4,5</sup>

seasonally adjusted 2018=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 <sup>6</sup>	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	
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
2018 weights	1000	6	139	11	101	14	13	64	790	104	40	29	66	68	135	77	53	49	587	75	16	18	3

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
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	0.8	5.9	-1.8	-1.3	-2.8	2.4	1.0	0.2	1.2	1.0	0.4	0.4	1.4	-2.4	0.5	2.4	1.8	2.3	4.0	1.4	2.2	2.3	0.8
Feb	0.5	4.0	-2.2	-2.4	-3.0	0.6	1.0	-0.9	1.0	1.0	-0.3	0.2	-0.3	-2.0	0.6	3.2	1.3	2.1	3.7	1.6	1.3	1.2	0.7
Mar	-2.2	1.0	-4.6	-6.3	-5.7	-0.7	0.7	-3.4	-1.8	-3.0	-5.2	-10.5	-1.3	-2.0	0.6	3.0	-3.4	1.8	-4.6	-1.4	-4.5	-4.1	-6.9
Apr	-10.4	-5.4	-11.9	-9.1	-14.5	-3.9	-2.4	-17.9	-9.5	-15.3	-17.9	-40.3	-4.6	-3.1	-0.2	-3.3	-15.1	1.8	-16.9	-10.2	-20.2	-19.8	-25.3
May	-17.6	-10.9	-18.0	-11.2	-21.8	-7.9	-5.5	-29.2	-16.6	-24.4	-27.7	-70.2	-9.1	-4.1	-1.3	-9.5	-26.4	2.0	-27.3	-18.3	-36.3	-34.6	-43.6
Jun	-20.1	-14.3	-19.2	-7.1	-23.4	-10.6	-6.8	-35.0	-19.0	-23.0	-30.3	-85.7	-12.3	-4.7	-2.2	-13.6	-30.4	2.2	-27.7	-22.2	-44.2	-43.5	-54.7
Jul	-15.2	-13.5	-13.4	-5.0	-16.4	-7.3	-4.7	-24.3	-14.8	-10.9	-24.7	-70.5	-11.0	-4.2	-2.2	-11.2	-26.4	2.4	-21.7	-18.4	-38.6	-32.4	-54.3
Aug	-10.4	-12.5	-8.4	-4.5	-10.3	-3.6	-2.5	-14.5	-10.4	-1.7	-20.2	-46.1	-9.4	-4.1	-1.8	-8.8	-21.7	2.5	-15.7	-13.6	-32.1	-23.2	-50.9
Sep	-7.6	-11.7	-6.2	-10.5	-7.1	-0.8	-1.4	-8.8	-7.7	0.6	-18.0	-28.1	-9.0	-7.7	-1.5	-6.6	-19.9	2.5	-10.1	-8.5	-27.0	-14.7	-48.3
Oct	-6.4	-11.6	-5.6	-13.3	-5.8	-2.2	-0.8	-5.6	-6.6	0.8	-16.6	-24.7	-9.0	-3.5	-1.4	-5.5	-18.2	2.3	-6.9	-4.7	-25.0	-15.8	-48.3
Nov	-6.5	-11.9	-5.0	-15.6	-4.5	-4.5	0.2	-7.0	-4.4	-3.5	-15.4	-41.4	-8.7	-2.9	-1.4	-4.0	-17.9	2.2	-5.8	-2.4	-26.8	-21.7	-52.4
Dec	-6.6	-12.1	-4.2	-14.1	-3.5	-5.8	0.7	-2.8	-7.3	-1.2	-14.1	-51.8	-8.3	-2.9	-1.5	-3.4	-17.7	2.0	-6.6	-0.9	-28.7	-23.6	-54.3
2021 Jan	-7.8	-12.2	-4.1	-14.8	-3.4	-4.3	0.7	-3.0	-8.8	-5.3	-15.0	-62.5	-6.6	-3.4	-1.5	-4.2	-18.4	2.0	-12.6	1.7	-33.1	-30.5	-55.1

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
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	-0.8	0.1	-0.2	0.5	-2.8	0.6	0.0	0.0	1.0	0.7	-0.8	-3.0	0.0	0.1	0.6	-0.2	0.0	0.3	0.4	0.1	-0.9	-1.0
Feb	-0.2	-2.7	0.1	-0.8	0.5	-0.9	-0.9	-0.4	-0.3	-0.9	-3.0	1.4	1.5	-0.1	0.2	0.1	-1.4	0.2	-1.1	0.2	-1.8	-0.6	-5.9
Mar	-7.0	-4.9	-5.4	-6.5	-6.7	-0.2	0.4	-3.7	-7.6	-10.2	-12.7	-31.9	-1.4	-1.2	-0.3	-1.8	-10.3	0.2	-22.8	-9.2	-16.4	-13.4	-21.2
Apr	-18.3	-10.7	-19.7	-2.1	-25.0	-8.3	-7.6	-40.7	-16.3	-27.8	-25.4	-86.2	-10.1	-3.9	-2.1	-15.9	-26.5	0.3	-14.5	-18.3	-34.9	-38.3	-35.8
May	3.2	0.7	6.2	2.5	8.7	1.1	0.1	12.9	2.1	12.9	6.6	14.7	-1.7	0.7	-0.4	-1.2	0.2	0.2	6.9	3.1	-6.7	4.3	-11.7
Jun	9.1	1.8	10.5	7.3	12.7	4.1	5.9	20.7	8.1	28.4	13.5	107.2	4.5	0.9	-0.1	7.6	16.2	0.2	8.8	4.1	19.3	7.1	-0.8
Jul	6.7	2.5	5.4	-3.1	7.1	5.0	1.6	15.8	6.2	7.7	4.6	146.0	3.2	0.7	0.7	3.7	4.2	0.2	9.2	8.3	17.8	46.6	14.8
Aug	2.1	1.7	0.6	-4.0	1.4	0.1	-0.9	4.3	2.2	0.0	1.5	53.4	-1.3	0.1	0.2	0.4	1.2	0.2	5.5	5.7	1.4	-3.2	4.7
Sep	1.3	1.1	0.6	-2.9	1.1	-0.6	1.2	2.6	1.3	0.1	3.0	-11.3	-0.2	0.8	0.1	3.6	1.5	0.2	6.2	4.5	3.7	3.4	-3.5
Oct	0.6	-0.6	0.9	0.0	1.2	-0.7	0.5	1.3	0.6	1.1	1.4	-14.5	2.3	0.3	0.1	1.2	1.7	0.2	0.7	2.2	2.8	0.1	-0.9
Nov	-2.3	-0.2	0.3	-3.7	1.1	-1.6	-0.1	1.7	-3.1	-5.6	0.2	-44.5	-1.8	-1.0	-0.3	-0.5	-2.1	-0.1	-0.8	0.4	-13.4	-22.2	-14.9
Dec	1.2	0.3	0.2	-0.9	0.3	0.7	0.1	-2.9	1.7	2.2	3.1	25.2	-0.4	-0.6	0.4	1.6	2.5	0.1	-1.0	2.4	6.7	18.0	13.3
2021 Jan	-2.9	-1.4	-1.5	-0.7	-2.3	0.9	1.2	0.9	-3.5	-9.0	-7.0	-28.1	3.4	-1.0	0.1	-3.7	-1.9	0.1	-16.3	5.9	-7.6	-20.7	1.9

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. The construction growth rates calculated from this release may have small differences to those in [Construction Output in Great Britain](#) releases, due to rounding differences. For the most accurate figure, please refer to the Construction Output release.

Sources: For further information on these data please telephone 01633 582428 or E-mail [gdp@ons.gov.uk](mailto:gdp@ons.gov.uk)

GVA3

Monthly GDP based on GVA (Gross Value Added) <sup>1</sup>  
Chained volume indices of gross value added at basic prices <sup>2,3,4,5</sup>

seasonally adjusted 2018=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 <sup>6</sup>	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
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
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
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
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	4.6	-2.4	-0.8	-3.2	-2.0	1.9	-0.7	1.1	1.2	1.2	-0.9	-2.3	-2.2	0.6	4.2	1.4	1.9	4.3	1.7	2.5	1.2	3.4
Feb	0.0	1.9	-2.5	-3.7	-3.1	0.4	0.1	-3.3	0.6	0.2	-2.3	0.4	-0.2	-1.7	0.7	3.2	-0.6	1.7	3.0	1.8	0.4	0.1	-1.7
Mar	-7.2	-3.5	-8.9	-13.8	-10.6	-0.5	0.2	-6.2	-7.0	-10.5	-14.6	-31.2	-1.4	-2.1	0.4	1.5	-11.1	1.7	-20.9	-7.7	-16.4	-13.6	-22.6
Apr	-23.9	-14.5	-24.5	-9.7	-30.3	-11.4	-7.6	-44.3	-22.2	-35.5	-36.6	-90.5	-12.2	-5.5	-1.8	-14.6	-33.9	2.0	-32.7	-24.6	-44.9	-46.0	-51.2
May	-21.7	-14.7	-20.8	-10.1	-24.9	-11.6	-8.9	-37.3	-20.6	-27.2	-31.8	-89.0	-13.7	-4.6	-2.4	-15.5	-34.2	2.3	-28.3	-22.5	-48.0	-44.3	-56.7
Jun	-14.7	-13.7	-12.3	-1.3	-15.1	-8.8	-4.0	-23.4	-14.4	-6.2	-22.3	-77.8	-11.2	-4.0	-2.3	-10.7	-23.2	2.4	-22.1	-19.6	-39.7	-40.3	-56.2
Jul	-9.3	-12.3	-7.2	-3.5	-9.2	-1.4	-1.1	-12.2	-9.4	0.6	-20.0	-45.1	-8.2	-3.9	-1.7	-7.6	-21.8	2.5	-14.8	-13.1	-28.1	-12.5	-49.8
Aug	-7.3	-11.6	-5.7	-8.9	-6.5	-0.4	-2.3	-8.1	-7.4	0.5	-18.3	-14.7	-8.7	-4.5	-1.5	-8.0	-20.0	2.5	-10.3	-8.3	-28.6	-16.9	-46.6
Sep	-6.2	-11.2	-5.6	-18.3	-5.5	-0.5	-0.9	-6.0	-6.2	0.7	-15.8	-24.2	-10.1	-3.1	-1.4	-4.3	-17.8	2.3	-5.3	-4.0	-24.2	-14.8	-48.3
Oct	-5.8	-12.1	-5.4	-12.4	-5.4	-5.5	0.8	-2.6	-6.0	1.2	-15.7	-35.3	-8.0	-2.9	-1.4	-4.2	-16.7	2.1	-5.2	-1.7	-22.0	-15.7	-50.0
Nov	-7.6	-12.3	-3.9	-16.0	-2.6	-7.3	0.8	-2.0	-8.7	-3.6	-14.8	-64.5	-8.0	-2.6	-1.5	-3.6	-19.0	2.1	-6.7	-1.6	-34.1	-34.4	-58.5
Dec	-6.5	-12.0	-3.3	-14.0	-2.5	-4.6	0.4	-3.7	-7.2	-1.3	-11.8	-55.4	-8.8	-3.3	-1.5	-2.4	-17.4	1.9	-7.8	0.6	-29.9	-20.7	-54.1
2021 Jan	-9.2	-12.5	-4.9	-14.4	-5.2	-0.9	1.0	-3.0	-10.4	-11.1	-18.5	-67.6	-2.8	-4.3	-1.5	-6.6	-18.8	2.0	-23.1	6.1	-35.3	-36.5	-52.8

1 The GVA output is designated as a National Statistic.

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

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

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

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

6 The construction growth rates calculated from this release may have small differences to those in [Construction Output in Great Britain](#) releases, due to rounding differences. For the most accurate figure, please refer to the Construction Output release.

Sources: For further information on these data please telephone 01633 582428 or E-mail [gdp@ons.gov.uk](mailto: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 <sup>4</sup>	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
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
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
Percentage change, latest 3 months on previous 3 months <sup>3</sup>																							
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
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
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
Percentage change, latest 3 months on same 3 months a year ago <sup>3</sup>																							
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
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
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								

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 582428 or E-mail [gdp@ons.gov.uk](mailto: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 <sup>4</sup>	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
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
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
Percentage change, latest month on previous month <sup>3</sup>																							
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
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
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
Percentage change, latest month on same month a year ago <sup>3</sup>																							
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
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
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								

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 582428 or E-mail [gdp@ons.gov.uk](mailto:gdp@ons.gov.uk)

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
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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	Dec	-0.02	0.01	-0.04	-0.02	-0.05	0.05	-0.01	-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	-0.21	0.00	-0.11	-0.04	-0.08	0.01	-0.01	-0.07	-0.03	-0.04	-0.01	0.02	-0.15	-0.08	0.02	0.00	0.04	0.03	0.09	0.02	0.03	-0.01	0.02
	Feb	-0.28	-0.01	-0.12	-0.06	-0.02	-0.04	0.00	-0.08	-0.07	-0.03	-0.05	0.01	-0.16	-0.05	0.04	0.04	0.03	0.02	0.05	0.04	0.02	-0.05	0.01
	Mar	-2.64	-0.03	-0.30	-0.05	-0.19	-0.07	0.00	-0.12	-2.19	-0.36	-0.25	-0.32	-0.19	-0.05	0.03	0.00	-0.21	0.02	-0.45	-0.18	-0.09	-0.13	-0.03
	Apr	-10.59	-0.07	-1.29	-0.07	-1.10	-0.09	-0.03	-1.04	-8.20	-1.60	-0.74	-1.22	-0.32	-0.14	-0.08	-0.45	-0.85	0.02	-1.17	-0.85	-0.36	-0.38	-0.09
	May	-17.71	-0.09	-2.13	-0.08	-1.90	-0.10	-0.06	-1.77	-13.73	-2.53	-1.12	-2.12	-0.59	-0.23	-0.23	-0.97	-1.43	0.03	-1.75	-1.48	-0.62	-0.61	-0.14
	Jun	-18.24	-0.09	-2.20	-0.03	-2.01	-0.10	-0.07	-2.13	-13.84	-2.08	-1.06	-2.32	-0.71	-0.25	-0.35	-1.25	-1.48	0.04	-1.32	-1.58	-0.66	-0.70	-0.15
	Jul	-5.20	-0.05	-0.33	0.03	-0.35	-0.01	-0.01	-0.50	-4.32	0.52	-0.33	-1.01	-0.38	-0.10	-0.26	-0.60	-0.64	0.04	-0.27	-0.65	-0.33	-0.24	-0.10
	Aug	9.05	0.00	1.41	0.05	1.22	0.08	0.06	1.15	6.49	2.87	0.37	0.90	0.10	0.04	-0.09	0.25	0.34	0.04	0.85	0.48	0.10	0.25	-0.03
	Sep	16.14	0.04	2.09	-0.02	1.91	0.13	0.08	2.18	11.84	3.10	0.65	2.17	0.36	0.14	0.11	0.83	0.76	0.04	1.32	1.36	0.36	0.65	0.02
	Oct	10.66	0.03	1.13	-0.06	1.10	0.06	0.04	1.41	8.10	1.48	0.42	1.61	0.21	0.11	0.12	0.67	0.50	0.03	1.07	1.25	0.27	0.39	0.02
	Nov	4.47	0.02	0.47	-0.08	0.54	0.00	0.02	0.76	3.23	0.15	0.24	0.14	0.06	0.07	0.07	0.46	0.20	0.03	0.73	0.95	0.09	0.07	0.00
	Dec	0.99	0.00	0.24	-0.06	0.32	-0.03	0.01	0.30	0.45	-0.22	0.19	-0.76	0.02	0.00	0.03	0.31	0.12	0.02	0.32	0.62	-0.02	-0.14	-0.01
	2021 Jan	-1.68	0.00	0.10	-0.06	0.16	-0.02	0.02	0.12	-1.90	-0.73	0.06	-1.18	0.03	-0.08	0.01	0.10	0.02	0.01	-0.26	0.54	-0.12	-0.29	-0.01

Contribution to growth, latest 3 months on same 3 months a year ago

		EDMY	EDMZ	EDNA	EDNB	EDNC	EDND	EDNE	EDNF	EDNG	EDNH	EDNI	EDNJ	EDNK	EDNL	EDNM	EDNN	EDNO	EDNP	EDNQ	EDNR	EDNS	EDNT	EDNU
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
	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
	Mar	1.89	0.02	-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
	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
	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
	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
	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
	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
	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
	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
	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
	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	0.75	0.04	-0.24	-0.01	-0.28	0.03	0.01	0.02	0.94	0.11	0.02	0.01	0.10	-0.16	0.07	0.19	0.09	0.11	0.23	0.11	0.04	0.04	0.00
	Feb	0.49	0.03	-0.30	-0.03	-0.29	0.01	0.01	-0.06	0.82	0.10	-0.01	0.01	-0.02	-0.13	0.09	0.24	0.07	0.10	0.22	0.12	0.02	0.02	0.00
	Mar	-2.24	0.01	-0.63	-0.06	-0.56	-0.01	0.01	-0.22	-1.39	-0.32	-0.22	-0.32	-0.09	-0.13	0.07	0.23	-0.18	0.09	-0.27	-0.11	-0.07	-0.07	-0.02
	Apr	-10.36	-0.03	-1.61	-0.09	-1.44	-0.05	-0.03	-1.18	-7.54	-1.59	-0.74	-1.21	-0.32	-0.20	-0.03	-0.25	-0.80	0.09	-0.99	-0.77	-0.33	-0.34	-0.08
	May	-17.57	-0.07	-2.44	-0.12	-2.14	-0.11	-0.07	-1.93	-13.14	-2.55	-1.14	-2.10	-0.63	-0.26	-0.17	-0.73	-1.40	0.10	-1.60	-1.39	-0.58	-0.60	-0.14
	Jun	-20.07	-0.09	-2.58	-0.07	-2.28	-0.15	-0.09	-2.31	-15.11	-2.40	-1.24	-2.58	-0.86	-0.30	-0.30	-1.04	-1.61	0.11	-1.63	-1.69	-0.71	-0.75	-0.17
	Jul	-15.19	-0.09	-1.80	-0.05	-1.60	-0.10	-0.06	-1.60	-11.71	-1.14	-1.01	-2.13	-0.77	-0.26	-0.29	-0.87	-1.40	0.12	-1.27	-1.40	-0.62	-0.56	-0.17
	Aug	-10.41	-0.08	-1.12	-0.05	-0.99	-0.05	-0.03	-0.95	-8.26	-0.18	-0.83	-1.39	-0.65	-0.26	-0.25	-0.68	-1.15	0.12	-0.92	-1.04	-0.52	-0.40	-0.16
	Sep	-7.57	-0.08	-0.82	-0.11	-0.68	-0.01	-0.02	-0.58	-6.10	0.06	-0.74	-0.84	-0.63	-0.24	-0.21	-0.52	-1.06	0.12	-0.60	-0.64	-0.43	-0.26	-0.15
	Oct	-6.40	-0.08	-0.74	-0.14	-0.56	-0.03	-0.01	-0.36	-5.22	0.08	-0.68	-0.74	-0.63	-0.22	-0.19	-0.43	-0.96	0.12	-0.41	-0.36	-0.40	-0.28	-0.15
	Nov	-6.52	-0.08	-0.66	-0.16	-0.43	-0.07	0.00	-0.23	-5.55	-0.06	-0.64	-1.24	-0.61	-0.18	-0.19	-0.31	-0.94	0.11	-0.34	-0.19	-0.43	-0.39	-0.17
	Dec	-6.64	-0.08	-0.56	-0.14	-0.33	-0.08	0.01	-0.18	-5.82	-0.12	-0.58	-1.56	-0.58	-0.18	-0.19	-0.26	-0.94	0.10	-0.39	-0.07	-0.47	-0.42	-0.18
2021	Jan	-7.78	-0.08	-0.54	-0.16	-0.33	-0.06	0.01	-0.18	-6.98	-0.56	-0.61	-1.86	-0.45	-0.22	-0.33	-0.99	0.10	-0.74	0.13	-0.54	-0.53	-0.18	

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

	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	
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
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
	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
	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
	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
	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
	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
	Jul	0.29	0.01	-0.05	-0.01	0.02	-0.04	-0.02	0.07	0.27	0.04	0.07	-0.02	-0.01	0.04	0.00	0.02	0.12	0.00	-0.01	0.02	-0.02	0.00	0.00
	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
	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
	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
	Nov	-0.35	0.00	-0.16	0.00	-0.17	0.00	0.00	0.07	-0.08	-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
	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	0.00	0.00	0.01	0.00	0.05	-0.04	0.01	0.00	-0.01	0.10	0.03	-0.03	-0.21	0.00	0.01	0.05	-0.01	0.00	0.02	0.03	0.00	-0.02	0.00
	Feb	-0.24	-0.02	0.02	-0.01	0.05	-0.01	-0.01	-0.02	-0.22	-0.09	-0.12	0.04	0.10	-0.01	0.02	0.01	-0.07	0.01	-0.06	0.02	-0.03	-0.01	-0.02
	Mar	-7.01	-0.03	-0.71	-0.06	-0.65	0.00	0.01	-0.24	-6.03	-1.06	-0.51	-0.97	-0.10	-0.07	-0.04	-0.14	-0.55	0.01	-1.36	-0.71	-0.27	-0.23	-0.07
	Apr	-18.34	-0.07	-2.65	-0.02	-2.42	-0.12	-0.10	-2.71	-12.92	-2.79	-0.96	-1.92	-0.73	-0.26	-0.30	-1.33	-1.35	0.02	-0.72	-1.37	-0.51	-0.62	-0.09
	May	3.18	0.00	0.82	0.03	0.78	0.02	0.00	0.62	1.73	1.14	0.23	0.05	-0.14	0.05	-0.07	-0.11	0.01	0.02	0.36	0.23	-0.08	0.05	-0.02
	Jun	9.06	0.01	1.43	0.09	1.19	0.07	0.09	1.10	6.53	2.75	0.48	0.45	0.35	0.07	-0.02	0.62	0.72	0.01	0.47	0.31	0.20	0.09	0.00
	Jul	6.66	0.02	0.75	-0.04	0.69	0.08	0.02	0.93	4.97	0.88	0.17	1.16	0.23	0.05	0.11	0.30	0.20	0.01	0.49	0.59	0.20	0.56	0.02
	Aug	2.10	0.01	0.08	-0.04	0.13	0.00	-0.01	0.28	1.73	0.00	0.05	0.98	-0.09	0.00	0.03	0.03	0.06	0.01	0.30	0.42	0.02	-0.05	0.01
	Sep	1.27	0.01	0.08	-0.03	0.11	-0.01	0.02	0.17	1.01	0.01	0.11	-0.31	-0.01	0.05	0.02	0.28	0.07	0.01	0.35	0.34	0.05	0.05	-0.01
	Oct	0.64	0.00	0.11	0.00	0.12	-0.01	0.01	0.08	0.45	0.12	0.05	-0.35	0.15	0.02	0.02	0.09	0.08	0.01	0.04	0.17	0.04	0.00	0.00
	Nov	-2.32	0.00	0.04	-0.04	0.10	-0.02	0.00	0.12	-2.48	-0.63	0.01	-0.91	-0.12	-0.06	-0.04	-0.04	-0.10	0.00	-0.05	0.03	-0.18	-0.35	-0.03
	Dec	1.18	0.00	0.03	-0.01	0.03	0.01	0.00	-0.20	1.34	0.23	0.12	0.29	-0.03	-0.04	0.05	0.13	0.12	0.01	-0.06	0.19	0.08	0.23	0.02
2021	Jan	-2.89	-0.01	-0.21	-0.01	-0.23	0.01	0.02	0.06	-2.73	-1.00	-0.27	-0.40	0.23	-0.07	0.01	-0.30	-0.09	0.01	-0.94	0.48	-0.09	-0.31	0.00

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

		EDLE	EDLF	EDLG	EDLH	EDLI	EDLJ	EDLK	EDLL	EDLM	EDLN	EDLO	EDLP	EDLQ	EDLR	EDLS	EDLT	EDLU	EDLV	EDLW	EDLX	EDLY	EDLZ	EDMA
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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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	0.52	0.03	-0.33	-0.01	-0.31	-0.03	0.02	-0.04	0.86	0.13	0.05	-0.03	-0.16	-0.14	0.08	0.32	0.07	0.09	0.25	0.13	0.04	0.02	0.01
	Feb	-0.04	0.01	-0.34	-0.04	-0.31	0.00	0.00	-0.22	0.51	0.02	-0.09	0.01	-0.01	-0.11	0.10	0.25	-0.03	0.08	0.17	0.13	0.01	0.00	-0.01
	Mar	-7.20	-0.02	-1.22	-0.15	-1.07	-0.01	0.00	-0.41	-5.54	-1.09	-0.60	-0.93	-0.10	-0.13	0.05	0.11	-0.59	0.08	-1.22	-0.58	-0.26	-0.23	-0.07
	Apr	-23.90	-0.09	-3.28	-0.10	-2.93	-0.16	-0.09	-2.93	-17.61	-3.71	-1.52	-2.72	-0.84	-0.35	-0.24	-1.11	-1.79	0.10	-1.92	-1.87	-0.72	-0.79	-0.17
	May	-21.65	-0.10	-2.81	-0.11	-2.44	-0.17	-0.11	-2.47	-16.29	-2.84	-1.31	-2.65	-0.95	-0.29	-0.33	-1.19	-1.81	0.11	-1.66	-1.71	-0.76	-0.76	-0.18
	Jun	-14.68	-0.09	-1.65	-0.01	-1.46	-0.13	-0.05	-1.52	-11.43	-0.64	-0.91	-2.37	-0.78	-0.25	-0.31	-0.83	-1.22	0.12	-1.30	-1.49	-0.64	-0.69	-0.18
	Jul	-9.27	-0.08	-0.96	-0.03	-0.89	-0.02	-0.01	-0.80	-7.43	0.07	-0.83	-1.36	-0.57	-0.24	-0.23	-0.59	-1.17	0.12	-0.87	-1.00	-0.45	-0.21	-0.16
	Aug	-7.27	-0.08	-0.75	-0.09	-0.62	0.00	-0.03	-0.53	-5.92	0.05	-0.75	-0.44	-0.61	-0.29	-0.20	-0.63	-1.07	0.13	-0.61	-0.63	-0.47	-0.30	-0.14
	Sep	-6.16	-0.08	-0.75	-0.20	-0.52	-0.01	-0.01	-0.39	-4.94	0.07	-0.65	-0.72	-0.71	-0.20	-0.19	-0.33	-0.94	0.12	-0.31	-0.31	-0.39	-0.26	-0.15
	Oct	-5.77	-0.08	-0.72	-0.13	-0.52	-0.08	0.01	-0.16	-4.80	0.13	-0.65	-1.05	-0.56	-0.18	-0.18	-0.33	-0.88	0.11	-0.31	-0.13	-0.35	-0.28	-0.16
	Nov	-7.63	-0.08	-0.52	-0.17	-0.25	-0.11	0.01	-0.13	-6.90	-0.37	-0.61	-1.95	-0.56	-0.16	-0.21	-0.28	-1.01	0.10	-0.40	-0.12	-0.56	-0.62	-0.19
	Dec	-6.51	-0.08	-0.44	-0.14	-0.23	-0.07	0.00	-0.24	-5.75	-0.13	-0.48	-1.67	-0.61	-0.21	-0.20	-0.19	-0.93	0.10	-0.47	0.05	-0.49	-0.36	-0.18
2021	Jan	-9.21	-0.08	-0.65	-0.15	-0.50	-0.01	0.01	-0.18	-8.29	-1.17	-0.76	-2.00	-0.19	-0.28	-0.20	-0.52	-1.01	0.10	-1.36	0.46	-0.58	-0.63	-0.17