

Statistical bulletin

# GDP monthly estimate, UK : December 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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## Table of contents

1. [Main points](#)
2. [Monthly GDP](#)
3. [The services sector](#)
4. [The production sector](#)
5. [The construction sector](#)
6. [Cross-industry themes](#)
7. [Revisions to monthly GDP](#)
8. [Monthly GDP data](#)
9. [Glossary](#)
10. [Measuring the data](#)
11. [Strengths and limitations](#)
12. [Related links](#)

# 1 . Main points

- Gross domestic product (GDP) fell by 0.2% in December 2021 to equal its pre-coronavirus (COVID-19) pandemic level (February 2020); while the Quarter 4 (Oct to Dec) 2021 estimate was still 0.4% below its pre-coronavirus level (Quarter 4 2019).
- Services output was down 0.5% in December 2021, while production rose 0.3% and construction increased by 2.0%; services and construction were both above pre-coronavirus levels, by 0.5% and 0.3% respectively, while production remained 2.6% below.
- Output in consumer-facing services fell by 3.0% in the month, mainly driven by a 3.7% fall in retail trade, while all other services rose by 0.1%; consumer-facing services were 8.4% below their pre-coronavirus levels, while all other services were 2.8% above.
- In the previous GDP monthly bulletin, we said that quarterly GDP for Quarter 4 2021 would either match or surpass its pre-coronavirus level (Quarter 4 2019) provided the monthly December 2021 estimate did not fall by more than by 0.2% and there were no other data revisions; while December 2021 fell by 0.2%, revisions to 2021 data - in line with the [National Accounts Revisions Policy](#) - saw Quarter 4 2021 remain below its pre-coronavirus level.

## 2 . Monthly GDP

Monthly real gross domestic product (GDP) is estimated to have fallen by 0.2% in December 2021, compared with a 0.7% growth in November 2021 (revised down from 0.9% growth). This release includes revisions to the monthly data back to January 2021, consistent with the [first quarterly estimate of GDP](#).

**Figure 1: GDP fell by 0.2% in December 2021 to equal its pre-coronavirus (COVID-19) pandemic level (February 2020)**

Monthly index, January 2007 to December 2021, UK

Figure 1: GDP fell by 0.2% in December 2021 to equal its pre-coronavirus (COVID-19) pandemic level (February 2020)

Monthly index, January 2007 to December 2021, UK



Source: Office for National Statistics - GDP monthly estimate

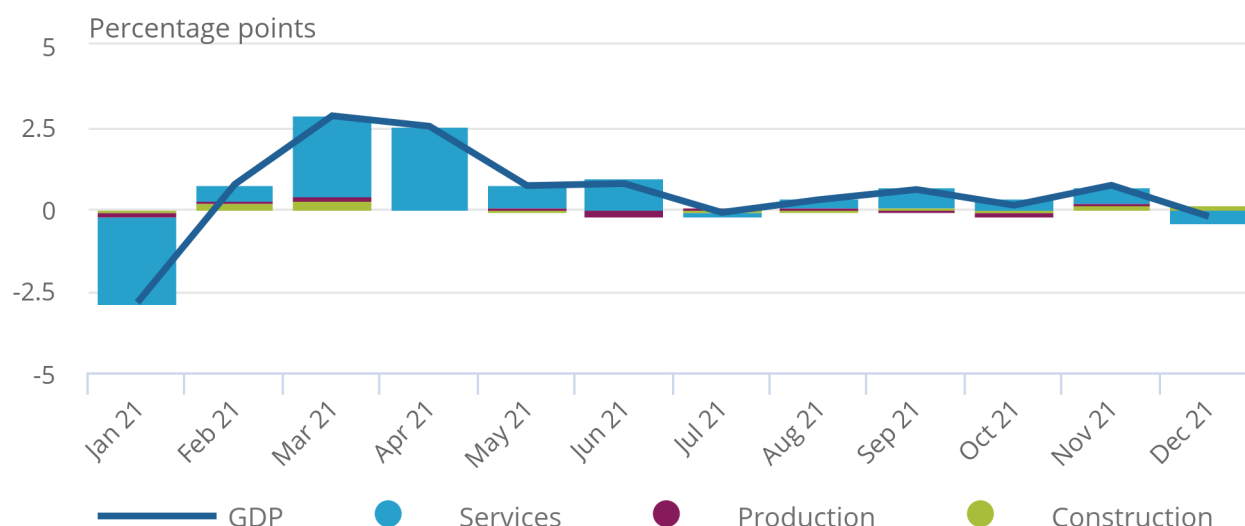
Services were the main contributor to GDP's 0.2% fall in December 2021, detracting 0.4 percentage points from GDP growth (Figure 2). This was partially offset by a positive 0.1 percentage point contribution from construction, while production made a negligible contribution.

**Figure 2: Services were the main contributor to GDP's 0.2% fall in December 2021**

Contributions to monthly GDP growth, January to December 2021, UK

## Figure 2: Services were the main contributor to GDP's 0.2% fall in December 2021

Contributions to monthly GDP growth, January to December 2021, UK



Source: Office for National Statistics - GDP monthly estimate

**Notes:**

1. Sum of component contributions may not sum to total growth because of rounding.

In December 2021, GDP was estimated to have equalled its pre-coronavirus (COVID-19) pandemic level (February 2020). November 2021 remains the first month that GDP recovered to above its pre-coronavirus levels, by 0.3% (revised down from the previous estimate of being 0.7% above).

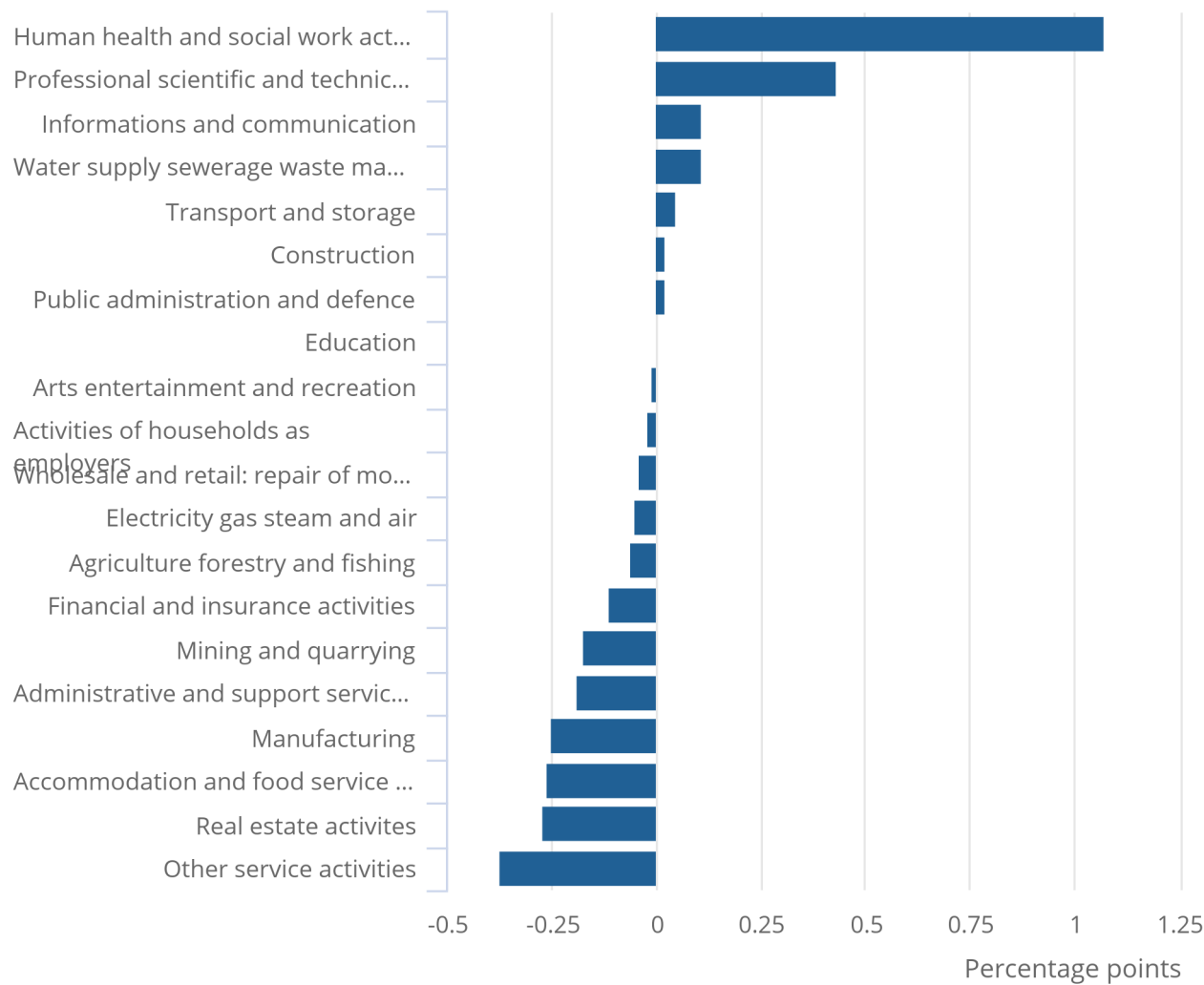
At the sub-sector level, the largest positive contributors to monthly GDP between February 2020 and December 2021 were human health and social work activities, and professional, scientific and technical activities. The largest detractors from monthly GDP between February 2020 and December 2021 were other service activities and real estate activities (Figure 3).

**Figure 3: Human health and social work activities was the main driver to monthly GDP being at pre-coronavirus levels (February 2020) in December 2021**

Contributions to GDP growth between February 2020 and December 2021

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Contributions to GDP growth between February 2020 and December 2021



Source: Office for National Statistics - GDP monthly estimate

Notes:

- 1. Sum of component contributions may not sum to total growth because of rounding.

GDP contracted by 0.2% in December 2021 but because of revisions back to January 2021, in-line with the [National Accounts Revisions Policy](#), Quarter 4 (Oct to Dec) 2021 was still below its pre-coronavirus level (Quarter 4 2019), by 0.4%. The monthly revisions back to January 2021 are available in [Section 7](#).

The Office for National Statistics (ONS) produces estimates of both monthly and quarterly GDP using separate methods. As such both estimates of GDP have different pre-pandemic levels. Further information is available in [Measuring monthly and quarterly UK gross domestic product during the coronavirus \(COVID-19\) pandemic](#).

GDP grew by 1.0% in the three months to December 2021. The main sub-sectors contributing to this growth were human health and social work activities, administrative and support service activities, and transport and storage.

Following the large 9.2% fall in 2020 because of the initial impact of the coronavirus pandemic and public health restrictions, GDP output saw an annual rise of 7.3% in 2021. To see the average annual GDP growth please see the [first quarterly estimate](#) of GDP.

#### **More about economy, business and jobs**

- 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](#).

### 3 . The services sector

Services output fell by 0.5% in December 2021 but remained 0.5% above its pre-coronavirus (COVID-19) pandemic level (February 2020). This followed a 0.6% growth into November 2021 (revised down from 0.7%). At the services sub-sector level in December 2021, 5 of the 14 were above their pre-coronavirus levels, with the largest contribution from human health and social work activities.

Wholesale and retail trade fell by 3.2% in December 2021 and was the main contributor to December's fall in services (Figure 4). The main driver of this fall was retail trade, which contracted by 3.7%. The Omicron variant of coronavirus was reported by some retailers as affecting retail footfall. More detailed breakdowns on retail trade are available in [Retail sales, Great Britain: December 2021](#).

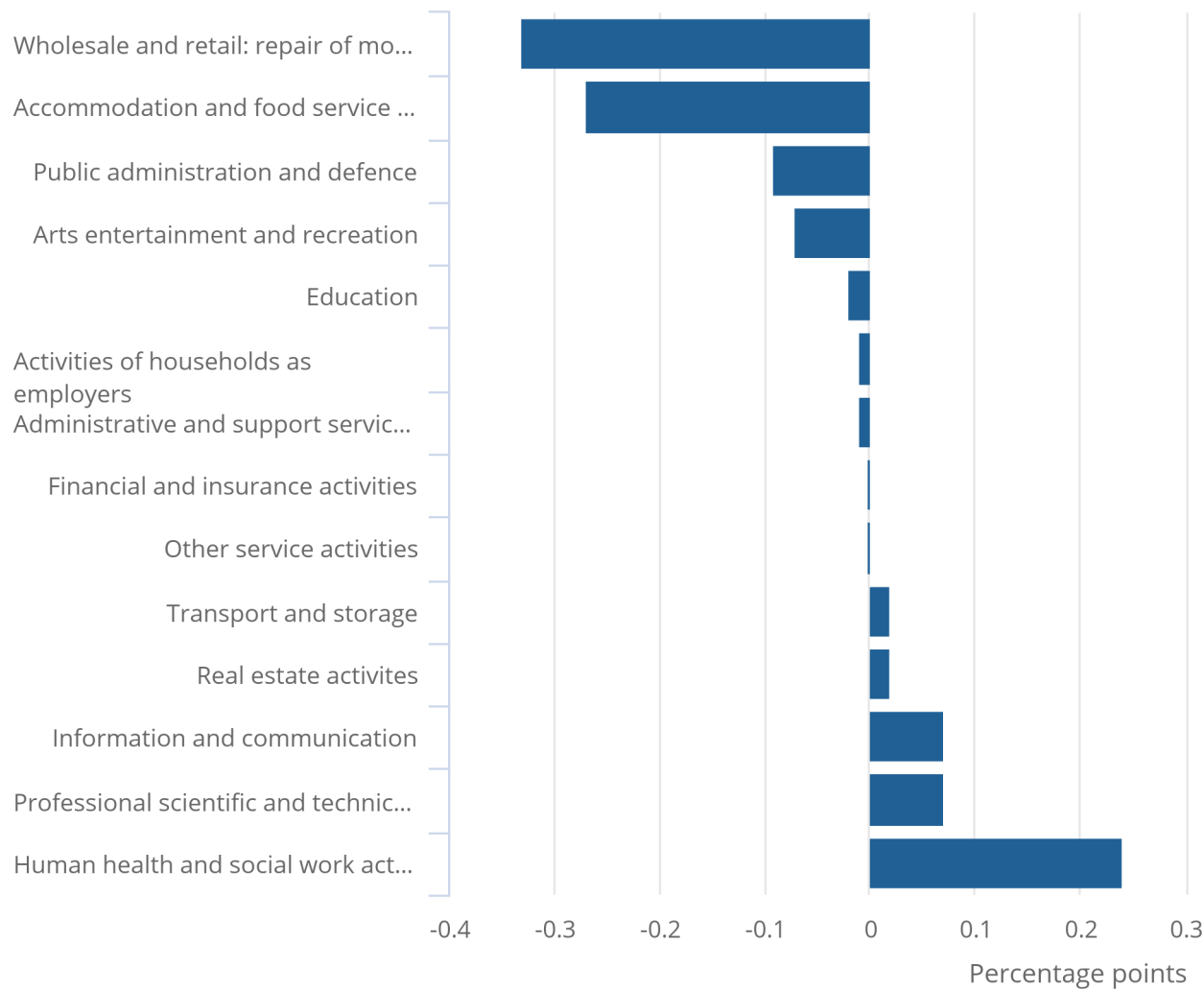
Accommodation and food service activities was the second largest contributor to December's fall in services, down by 9.2%. Both accommodation and food and beverage service activities fell in December, by 11.5% and 8.1% respectively, with businesses reporting impacts from the Omicron variant.

**Figure 4: Wholesale and retail trade and accommodation and food services were the main contributors to the fall in services output for December 2021**

Monthly services contributions to GDP, December 2021, UK

Figure 4: Wholesale and retail trade and accommodation and food services were the main contributors to the fall in services output for December 2021

Monthly services contributions to GDP, December 2021, UK



Source: Office for National Statistics - GDP monthly estimate

Notes:

- 1. Sum of component contributions may not sum to total services growth because of rounding.



The largest positive contributor to services growth in December 2021 was human health and social work activities (up 2.4%). The NHS Test and Trace and vaccination programme was the main driver of the increase with partially offsetting downward contributions from other areas of human health, including GP appointments and A&E attendance. The fall in GP service activity in December was driven by a reduction in face-to-face appointments. Telephone consultations also fell, but they remain much stronger than pre-coronavirus levels.

## Consumer-facing services

Output in consumer-facing services fell by 3.0% in December 2021, mainly driven by a 3.7% fall in retail trade and an 8.1% fall in food and beverage service activities. More detailed breakdowns on retail trade are available in [Retail sales, Great Britain: December 2021](#).

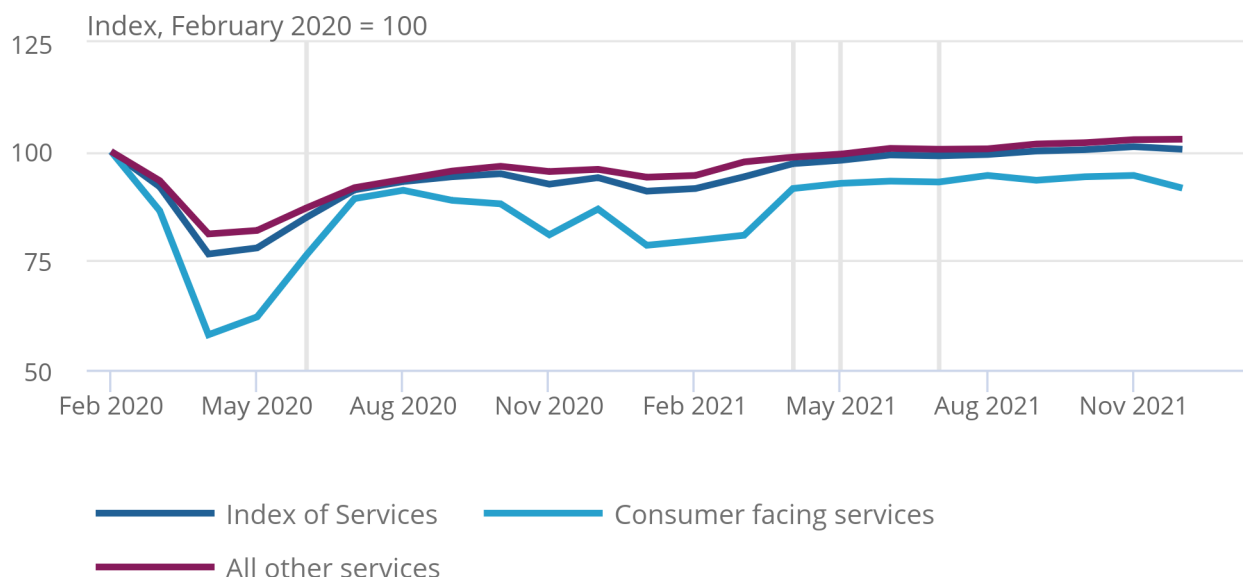
Consumer-facing services were 8.4% below their pre-coronavirus levels (February 2020) in December 2021, while all other services were 2.8% above.

**Figure 5: Output in consumer-facing services fell by 3.0% in December 2021 and remains 8.4% below pre-pandemic levels**

Monthly index of services, February 2020 to December 2021, UK

Figure 5: Output in consumer-facing services fell by 3.0% in December 2021 and remains 8.4% below pre-pandemic levels

Monthly index of services, February 2020 to December 2021, UK



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).
2. Vertical grey lines represent (from left to right): Hospitality reopening on 1 June 2020, outdoor hospitality reopening on 12 April 2021, indoor hospitality reopening on 17 May 2021, and social distancing restrictions easing on 19 July 2021.

Overall, services grew by 1.2% in the three months to December 2021 compared with the previous three months (July to September 2021), with positive growth seen in 8 of the 14 services sub-sectors.

More detailed breakdowns on services are available in the [Index of Services, UK: December 2021](#).

## NHS Test and Trace services and vaccine programmes

The [NHS Test and Trace and COVID-19 vaccination programme](#) had a positive 0.7 percentage point impact on gross domestic product (GDP) in December 2021, with output of these services increasing by 51% and 19% respectively (Table 1). Growth in [coronavirus testing](#) in England was particularly strong, driven by increases in both the number of tests processed in laboratories and the number of lateral flow devices dispatched. The increase in [coronavirus vaccinations](#) in England was driven by the number of booster vaccinations administered.

Table 1: Volume estimates of Test and Trace, and vaccination programmes both increased in December 2021  
November to December 2021

	<b>NHS Test and Trace Vaccine programmes Total</b>		
<b>Nov 2021</b>	£1,870m	£890m	£2,770m
<b>Dec 2021</b>	£2,830m	£1,060m	£3,890m
<b>Monthly growth</b>	51%	19%	41%

Source: Office for National Statistics - GDP monthly estimate

### Notes

1. Data are volumes in £ millions unless labelled otherwise.
2. Growth rates are percentage movements calculated from the unrounded data.
3. These figures are rounded to the nearest £10 million, and total may not sum because of rounding.

A full record of the volume estimates of Test and Trace, and vaccination programmes along with their contribution to GDP growth can be found in the [accompanying dataset](#).

## 4 . The production sector

Production output increased by 0.3% in December 2021, with growth in three out of the four sub-sectors. This follows growth of 0.7% in November 2021 (revised down from 1.0%).

Production was 2.6% below its pre-coronavirus (COVID-19) pandemic level (February 2020), primarily driven by manufacturing which was 2.5% below. Water supply and sewerage remained the only production sector above the pre-coronavirus level (9.0%).

Manufacturing grew by 0.2% in December 2021, with the manufacture of basic pharmaceutical products and pharmaceutical preparations (up 12.0%) and the manufacture of transport equipment (up 3.1%) the main drivers of this growth.

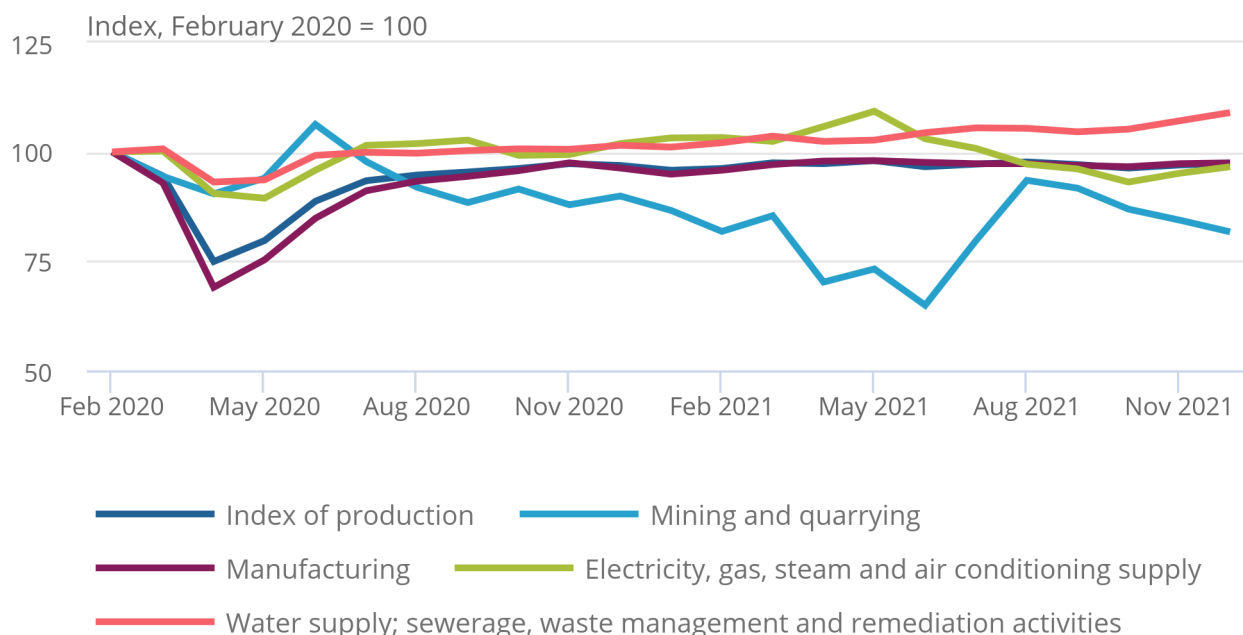
Electricity, gas, steam and air conditioning supply increased by 1.6% in December 2021, with distribution of gas increasing by 5.6%. Water supply and sewerage also increased in December 2021, by 1.7%. Mining and quarrying was the only sector to fall in December 2021, with a contraction of 3.1% driven by a 2.7% fall in extraction of crude petroleum and natural gas.

**Figure 6: Production output increased by 0.3% in December 2021, with all sub-sectors except mining and quarrying contributing equally to growth**

Monthly index, February 2020 to December 2021, UK

Figure 6: Production output increased by 0.3% in December 2021, with all sub-sectors except mining and quarrying contributing equally to growth

Monthly index, February 2020 to December 2021, UK



Source: Office for National Statistics - GDP monthly estimate

Notes:

1. Indexes are rounded to one decimal place.
2. Weights of these sub-sectors are available in the [GDP\(O\) data sources catalogue](#).

Overall, production fell by 0.4% in the three months to December 2021, with falls of 3.2% in electricity, gas, steam and air conditioning supply and 4.5% in mining and quarrying. This was partially offset by an increase of 1.8% in water supply and sewerage. Manufacturing saw flat growth in the three months to December 2021.

More detailed breakdowns on production are available in the [Index of Production, UK: December 2021](#).

## 5 . The construction sector

Construction output increased 2.0% in December 2021 following an increase of 1.9% in November 2021 (revised from a 3.5% growth).

Construction output was above its pre-coronavirus (COVID-19) pandemic level (February 2020) for the first time, by 0.3% (Figure 7). There are revisions back to January 2021 because of late and revised survey data, with the largest revisions seen in September and November 2021 (down 1.4 and 1.6 percentage points respectively). This means that construction is no longer estimated to have surpassed its pre-coronavirus levels in either April or November 2021. The monthly revisions back to January 2021 are available in [Section 7](#).

The increase in monthly construction output in December 2021 was driven solely from an increase in new work (3.5%) while repair and maintenance saw a decline, decreasing 0.7%.

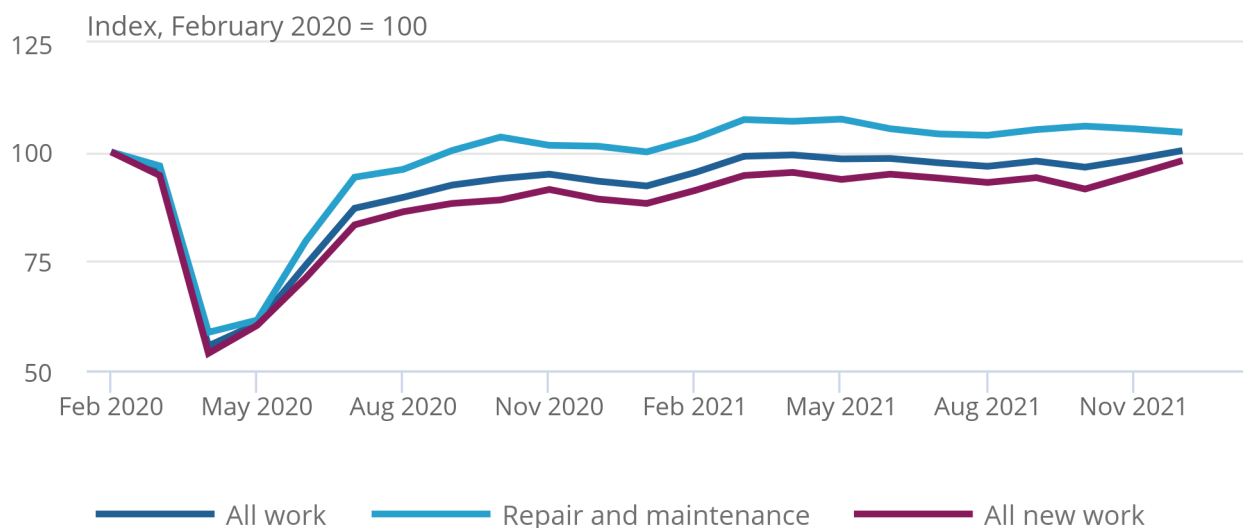
At the sector level, the main contributors were infrastructure new work and private new housing, which increased by 8.5% and 3.1% respectively. Notable increases were also seen in the smaller sectors of private industrial new work and public new housing, which grew by 9.1% and 7.4% respectively. All sectors in repair and maintenance saw small decreases on the month. Anecdotal evidence received from both returns received for the [Monthly Business Survey for Construction and Allied Trades](#) and the [Business Insights and Conditions Survey \(BICS\)](#) suggested some of the issues in sourcing construction products over recent months had continued to ease.

**Figure 7: Construction output increased by 2.0% in December 2021 and is 0.3% above its pre-pandemic level**

Monthly index, February 2020 to December 2021

**Figure 7: Construction output increased by 2.0% in December 2021 and is 0.3% above its pre-pandemic level**

Monthly index, February 2020 to December 2021



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

**Notes:**

1. Indexes are rounded to one decimal place.
2. Construction indexes in this release may differ slightly, because of rounding, to those published in [Construction output in Great Britain: December 2021, new orders and Construction Output Price Indices, October to December 2021](#).

Construction output rose by 1.0% in the three months to December 2021 compared with the previous three months (July to September 2021). Similar increases in both new work and repair and maintenance (1.1% and 0.8% respectively) contributed to the growth. At the type of work level, eight of the nine sectors saw an increase, with the largest contributions coming from public other, private industrial and private commercial new work (4.9%, 8.7% and 2.1% respectively).

Further detail on construction growth can be found in [Construction output in Great Britain: December 2021, new orders and Construction Output Price Indices, October to December 2021](#).

## 6 . Cross-industry themes

There were some common themes that were anecdotally reported to have played a part in performance across different industries, however, it is often difficult to quantify these effects.

There was a rise in anecdotal evidence from businesses that customers had cancelled events and appointments, or that their staff or customers had been required to self-isolate because of the Omicron variant of coronavirus (COVID-19).

The problems seemed to be more consequential in the service sector, with the hospitality and retail industries being particularly affected.

## 7 . Revisions to monthly GDP

This release gives data for December 2021 for the first time and incorporates revisions to monthly data from January 2021 to November 2021. This is consistent with [GDP first quarterly estimate, UK: October to December 2021](#). Table 2 shows the revisions to monthly GDP and the main sectors from January to November 2021.

Table 2: Revision to month-on-month growth for GDP and its sectors  
Percentage points, January to November 2021, UK

	Jan 2021	Feb 2021	Mar 2021	April 2021	May 2021	June 2021	July 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021
<b>GDP</b>	-0.2	0.0	0.0	0.0	0.1	-0.1	0.0	0.2	0.0	-0.1	-0.2
<b>Services</b>	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.2	0.0	0.0	-0.1
<b>Production</b>	0.1	-0.2	0.0	0.1	0.2	-0.2	0.3	-0.2	0.1	-0.3	-0.3
<b>Construction</b>	-0.3	0.3	-0.6	-0.2	0.4	-0.2	-0.1	0.4	-1.4	0.2	-1.6

Source: Office for National Statistics - GDP monthly estimate

### Notes

1. Revisions are rounded to 1 decimal place

Construction saw revisions in all months back to January 2021 mainly because of late and revised survey data. Services and production saw revisions due to late survey data for October and November 2021. All three sectors also have revised seasonal factors, with the full year being available for the first time.



## 8 . Monthly GDP data

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

Dataset | Released 11 February 2022

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 11 February 2022

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

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

Dataset MGDG | Released 11 February 2022

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 11 February 2022

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 11 February 2022

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

## 9 . 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 gross domestic product (GDP) growth.

### Gross domestic product (GDP)

A measure of the economic activity produced by a country or region. 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](#).

## 10 . Measuring the data

This release captures the direct effects of the coronavirus (COVID-19) pandemic and the government measures taken to reduce transmission of the virus.

Early in the pandemic, we faced some challenges in receiving timely responses to the Monthly Business Survey (MBS) as businesses adapted to new conditions. Further information on measuring the data across our main data sources is available in the following releases:

- [Construction output in Great Britain: December 2021, new orders and Construction Output Price Indices, October to December 2021](#)
- [Index of Production, UK: December 2021](#)
- [Index of Services, UK: December 2021](#)

There have been large movements in UK gross domestic product (GDP) over the course of the coronavirus pandemic. This is primarily in response to public health restrictions and voluntary social distancing that have been in place over this period. Given the size of these effects, there has been a focus on where the economy is relative to its pre-coronavirus pandemic levels.

In the UK, we produce estimates of monthly and quarterly GDP. However, there are reasons as to why these would not provide the same estimate as to where the economy is relative to its pre-pandemic levels. This primarily reflects that monthly estimates of GDP are based on only the output measure of GDP, while quarterly estimates of GDP reflect the average of the three approaches (output, income and expenditure).

However, the coronavirus pandemic has brought many [measurement challenges](#) that have created more uncertainty around our three approaches. This has led to an initial divergence between the output and average estimate, which is then reflected in how we compare monthly and quarterly estimates of GDP. Further information is available in [Measuring monthly and quarterly UK gross domestic product during the coronavirus \(COVID-19\) pandemic](#).

Estimates for the construction industry within monthly GDP will differ to those published in the construction output release as they account for both the outputs produced and inputs consumed by the industry. There are also some coverage differences given the use of the Annual Business Survey in their compilation.

Within the monthly GDP publication government data are sourced on a quarterly basis; a monthly forecast is used to estimate data for the monthly round until quarterly data are available. While this is a standard practice with many of our data sources, pre-empting the behaviour of a series during a pandemic, in particular for health and education, comes with more uncertainty than usual so caution is advised when looking at the monthly estimates beyond the latest published quarter.

## Update to the System of National Accounts

As part of an update to the System of National Accounts, the United Nations (UN) are in the process of consulting on several areas being considered for improvement. Previous and live consultations can be found on [the UN Statistics Division website](#). If you would like to discuss any of these consultations with the Office for National Statistics (ONS), please contact us at [sna.consultations@ons.gov.uk](mailto:sna.consultations@ons.gov.uk). Bodies outside the UK National Statistical System are also free to respond to the consultations themselves.

## 11 . 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](#).

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.

The latest comparisons of month on same month a year ago should be treated with caution given the impact of [base effects](#) on growth rates because of the economic impact of the coronavirus (COVID-19) pandemic throughout 2020. Such comparisons and growth rates can nonetheless be found in our [accompanying dataset](#).

### 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 comprised 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 coronavirus pandemic. It is clear that the contraction in GDP in Quarter 2 (Apr to June) 2020 was the largest recession on record.

## 12 . Related links

[Construction output in Great Britain: December 2021, new orders and Construction Output Price Indices, October to December 2021](#)

Bulletin | Released 11 February 2022

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: December 2021](#)

Bulletin | Released 11 February 2022

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: December 2021](#)

Bulletin | Released 11 February 2022

Monthly movements in output for the services industries.

[GDP first quarterly estimate, UK: October to December 2021](#)

Bulletin | Released 11 February 2022

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.

[Measuring monthly and quarterly UK gross domestic product during the coronavirus \(COVID-19\) pandemic](#)

Article | Released 11 November 2021

How we produce monthly and quarterly estimates of UK gross domestic product and why this affects estimating where the economy is relative to its pre-coronavirus (COVID-19) pandemic level.



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 2019=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
2019 weights	1000	7	137	11	99	15	12	64	792	105	40	29	62	82	131	74	51	48	59	76	16	17	2
	YBFR	L2KL	L2KQ	L2KR	L2KX	L2MW	L2N2	L2N8	L2NC	L2NE	L2NI	L2NQ	L2NT	L2O6	L2OC	L2OI	L2OX	L2P8	L2PA	L2PC	L2PJ	L2PP	L2PT
2017	96.7	96.8	93.3	94.0	93.3	86.9	100.0	102.2	96.9	101.6	95.0	97.8	82.1	102.2	97.2	99.8	99.6	95.6	90.5	100.6	98.1	97.3	86.6
2018	98.2	86.3	96.6	98.7	97.0	88.6	100.5	100.2	98.5	100.2	98.2	96.7	93.0	101.6	98.8	100.4	98.8	96.6	95.1	99.2	98.5	100.7	94.0
2019	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
2020	90.8	91.0	91.6	81.0	91.0	97.8	98.3	84.0	91.2	92.4	83.1	57.6	94.9	96.5	99.1	94.4	82.3	102.5	81.9	93.5	74.1	81.4	76.2
2021	97.4	90.6	96.0	70.1	97.3	99.6	103.5	94.6	97.9	99.4	89.9	80.5	98.9	97.9	98.9	102.2	89.2	104.1	92.8	111.2	92.6	79.7	88.4
	ECY2	ECY3	ECY4	ECY5	ECY6	ECY7	ECY8	ECY9	ECYC	ECYD	ECYG	ECYH	ECYI	ECYJ	ECYK	ECYL	ECYP	ECYQ	ECYR	ECYS	ECYT	ECYU	ECYV
2019 Dec	100.1	104.3	98.9	84.8	99.5	103.9	99.1	97.6	100.5	99.2	99.8	102.2	99.6	99.2	100.3	101.0	101.0	101.4	102.8	100.5	102.7	102.4	104.7
2020 Jan	100.3	103.6	98.8	85.3	99.8	100.3	100.3	97.8	100.8	100.4	100.6	102.0	98.2	99.0	100.3	101.1	100.8	101.5	101.7	104.0	101.6	101.1	106.3
Feb	99.9	100.9	98.9	85.8	100.2	99.1	99.1	97.0	100.3	99.0	97.6	102.7	99.7	98.8	100.6	101.3	99.4	101.7	98.1	104.2	100.3	100.7	99.2
Mar	92.3	95.1	93.4	81.1	93.1	99.3	99.7	92.5	92.1	88.6	85.6	69.4	98.7	97.6	100.3	99.5	88.6	101.9	67.4	94.5	83.8	91.8	73.6
Apr	74.9	83.0	74.1	77.6	69.2	89.7	92.2	53.9	76.7	63.6	64.6	9.3	89.3	92.4	98.3	84.0	66.4	102.2	50.3	75.8	54.6	59.5	49.8
May	77.0	83.6	78.8	80.7	75.5	88.6	92.7	58.9	78.1	72.0	67.1	10.7	88.2	93.2	97.9	83.2	66.4	102.4	52.8	77.1	50.7	64.6	44.0
Jun	84.5	85.3	87.8	91.3	85.0	95.0	98.4	71.9	85.0	92.3	76.0	23.0	92.1	94.4	98.0	89.2	76.9	102.6	60.3	84.0	60.9	69.9	51.0
Jul	91.1	87.2	92.4	83.9	91.3	100.6	99.0	84.5	91.4	99.7	80.8	60.2	95.6	95.5	98.6	91.9	79.3	102.7	78.8	91.7	70.5	95.1	70.2
Aug	92.9	89.2	93.6	78.9	93.5	100.9	98.9	87.0	93.3	100.0	82.1	86.5	94.5	96.0	98.8	92.4	80.1	102.9	88.9	93.6	70.1	83.6	86.4
Sep	94.1	91.0	94.4	75.9	94.6	101.7	99.4	89.7	94.4	99.6	84.4	75.4	94.3	97.6	99.1	96.1	81.4	103.0	97.1	97.5	73.6	71.8	89.5
Oct	94.8	91.5	95.2	78.5	95.9	98.3	99.7	91.1	95.1	100.9	85.3	65.1	97.6	98.1	99.1	97.3	83.3	103.1	98.3	100.0	76.4	68.5	83.4
Nov	93.1	91.1	96.2	75.4	97.7	98.4	99.7	92.1	92.7	95.0	85.7	38.8	95.6	97.6	98.9	96.9	81.1	103.0	95.8	99.8	69.7	73.8	79.1
Dec	94.2	89.9	95.9	77.2	96.5	101.0	100.5	90.6	94.3	97.1	88.0	48.4	94.5	97.8	99.2	99.9	83.6	103.3	92.9	99.7	76.8	96.0	82.4
2021 Jan	91.5	88.9	94.7	74.3	95.1	102.3	100.1	89.5	91.1	89.7	83.2	38.7	97.0	98.6	100.0	96.8	82.7	103.8	74.8	101.6	74.3	76.1	86.4
Feb	92.2	88.7	95.2	70.2	96.1	102.3	101.1	92.5	91.7	92.2	84.1	40.4	95.1	99.8	99.3	99.0	82.7	104.1	73.6	102.5	76.1	75.8	86.1
Mar	94.8	88.6	96.4	73.3	97.4	101.5	102.6	96.1	94.5	94.3	86.7	39.8	96.4	99.6	99.2	103.2	86.0	104.4	85.4	110.3	77.1	79.1	79.1
Apr	97.2	90.2	96.2	60.3	98.1	104.8	101.4	96.4	97.5	104.1	86.6	59.7	98.9	98.6	99.0	100.1	85.8	104.4	94.9	109.9	83.8	96.8	90.4
May	97.9	91.0	96.9	62.8	98.2	108.3	101.8	95.5	98.3	104.0	85.8	82.2	99.2	97.0	98.8	99.8	86.8	104.2	97.4	112.9	91.3	77.1	86.4
Jun	98.6	92.2	95.5	55.7	97.9	102.1	103.4	95.6	99.4	103.3	88.4	92.8	98.6	97.1	99.1	103.5	88.3	104.2	98.7	114.2	93.1	77.5	84.6
Jul	98.5	92.2	96.1	68.4	97.5	99.8	104.5	94.6	99.3	102.2	89.1	94.7	100.4	97.5	98.5	100.6	89.2	104.3	99.2	112.3	98.6	78.9	87.9
Aug	98.8	91.2	96.6	80.2	97.5	96.3	104.4	93.8	99.6	101.4	90.4	108.2	100.5	97.4	98.8	101.5	89.8	104.5	98.7	108.3	102.1	78.7	89.2
Sep	99.3	90.9	96.1	78.7	97.1	95.2	103.7	95.0	100.3	99.7	92.5	108.4	98.7	97.4	98.8	105.2	92.0	104.8	97.7	113.6	103.3	78.8	91.6
Oct	99.4	91.0	95.3	74.6	96.9	92.2	104.2	93.6	100.7	101.4	94.5	103.6	99.9	97.5	98.4	103.1	95.4	104.7	97.0	115.2	106.6	78.7	93.4
Nov	100.1	91.1	96.0	72.4	97.6	94.2	106.2	95.4	101.3	101.8	98.4	103.5	100.3	97.4	98.4	106.1	95.9	103.8	98.3	115.6	104.6	79.5	94.4
Dec	99.9	91.5	96.3	70.1	97.8	95.7	108.0	97.3	100.8	98.6	98.9	94.0	101.5	97.4	98.5	107.1	95.8	102.0	98.1	118.4	100.0	79.5	91.0
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
2017	2.2	5.9	0.1	-8.8	1.4	-5.2	0.9	3.8	2.4	2.2	1.7	4.7	4.6	3.4	-0.2	1.6	4.8	3.3	0.0	3.0	6.2	5.8	-1.5
2018	1.6	-10.9	3.5	5.0	3.9	2.0	0.5	-2.0	1.6	-1.4	3.4	-1.1	13.2	-0.5	1.7	0.6	-0.8	1.1	5.1	-1.4	0.5	3.5	8.6
2019	1.8	15.9	3.6	1.3	3.1	12.9	-0.5	-0.1	1.6	-0.2	1.9	3.4	7.5	-1.6	1.2	-0.4	1.2	3.5	5.2	0.8	1.5	-0.6	6.4
2020	-9.2	-9.0	-8.4	-19.0	-9.0	-2.3																	

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 2019=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
2019 weights	1000	7	137	11	99	15	12	64	792	105	40	29	62	82	131	74	51	48	59	76	16	17	2

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 Dec	1.1	26.6	-0.5	-37.0	2.4	15.9	-0.8	-2.8	1.5	-0.2	0.2	3.0	3.7	-1.1	0.8	0.8	2.0	4.1	5.1	1.7	1.9	3.5	0.9
2020 Jan	1.0	21.6	-1.4	-35.7	1.2	12.3	0.1	-2.1	1.5	-0.3	0.2	3.4	1.6	-1.6	0.8	1.3	2.3	3.8	4.8	2.9	2.7	4.1	4.1
Feb	0.7	15.4	-1.9	-33.1	0.6	8.7	0.1	-2.6	1.3	-0.4	-0.4	3.6	0.7	-1.6	0.9	2.0	1.6	3.4	3.0	4.0	1.7	3.6	3.9
Mar	-2.2	9.9	-4.3	-30.7	-3.0	5.7	0.2	-4.6	-1.7	-4.2	-5.2	-6.1	0.1	-1.7	0.7	1.8	-3.4	2.8	-9.2	1.7	-4.5	-0.6	-5.7
Apr	-10.8	1.0	-12.0	-28.1	-12.9	0.6	-2.9	-20.1	-9.9	-16.5	-17.4	-39.1	-3.4	-3.5	-0.1	-4.0	-14.9	2.7	-27.0	-8.0	-20.2	-14.8	-25.3
May	-18.4	-6.5	-18.3	-24.9	-21.0	-5.7	-5.6	-33.0	-17.3	-25.5	-27.5	-69.9	-7.7	-5.2	-1.1	-9.9	-25.9	2.7	-42.6	-17.2	-36.3	-27.0	-44.3
Jun	-21.1	-11.6	-19.5	-14.4	-23.1	-9.7	-6.5	-40.2	-19.9	-24.1	-30.4	-85.6	-10.6	-6.2	-1.9	-13.8	-29.6	2.8	-45.3	-20.9	-44.2	-34.4	-51.8
Jul	-15.9	-12.8	-13.5	-9.6	-16.2	-6.5	-4.3	-29.6	-15.2	-12.0	-25.1	-68.8	-8.9	-5.4	-1.9	-11.7	-25.8	2.8	-36.0	-15.8	-39.0	-22.7	-44.7
Aug	-10.6	-14.2	-8.2	-8.3	-10.0	-1.6	-2.1	-19.3	-10.3	-2.5	-20.2	-43.9	-6.7	-5.0	-1.6	-9.4	-21.5	2.7	-24.1	-10.6	-33.4	-17.1	-30.0
Sep	-7.5	-15.8	-6.1	-15.6	-6.7	1.1	-1.2	-12.3	-7.3	-0.3	-17.8	-26.1	-6.0	-4.3	-1.2	-7.3	-20.2	2.5	-12.0	-6.2	-28.7	-17.1	-16.8
Oct	-6.3	-16.8	-5.2	-16.2	-5.2	-1.1	0.6	-9.0	-6.2	-0.1	-16.4	-24.1	-5.2	-3.6	-1.1	-6.0	-18.5	2.3	-5.9	-3.4	-26.5	-26.6	-12.7
Nov	-6.2	-17.1	-4.5	-15.8	-3.9	-4.3	0.2	-6.8	-6.4	-1.5	-15.3	-40.1	-4.5	-2.4	-1.1	-4.4	-18.2	2.1	-4.2	-1.4	-26.5	-30.0	-16.5
Dec	-6.1	-16.0	-3.7	-11.7	-3.2	-5.4	0.9	-6.3	-6.4	-2.0	-14.1	-49.5	-4.0	-1.8	-1.1	-3.1	-17.7	1.9	-6.2	-0.6	-26.4	-22.3	-20.5
2021 Jan	-7.2	-15.0	-3.4	-12.0	-3.2	-2.8	0.6	-7.2	-7.8	-5.7	-14.6	-58.7	-3.3	-1.1	-0.9	-3.1	-18.2	2.0	-14.0	-1.3	-27.8	-19.6	-21.1
Feb	-7.5	-13.4	-3.6	-13.4	-4.0	0.7	1.1	-6.8	-8.1	-6.6	-14.3	-58.4	-3.7	-0.3	-0.9	-2.5	-17.4	2.2	-20.2	-1.6	-25.4	-18.5	-17.8
Mar	-4.8	-11.2	-1.6	-13.6	-1.6	2.5	1.6	-3.2	-5.4	-4.1	-10.5	-56.6	-2.8	0.9	-0.9	-1.0	-13.0	2.4	-12.5	3.9	-20.4	-21.4	-9.8
Apr	6.4	-4.1	8.0	-16.7	11.1	7.1	4.8	17.0	5.4	15.7	3.9	-22.8	0.9	3.2	-0.6	6.2	0.0	2.3	17.8	17.5	-0.8	-0.1	14.8
May	18.7	3.1	17.5	-17.9	23.6	13.3	7.4	40.2	17.6	34.9	19.2	103.3	6.6	4.3	0.2	13.7	16.8	2.2	63.0	34.7	33.4	17.2	52.9
Jun	24.2	8.5	19.9	-28.3	28.1	15.3	8.2	55.6	23.1	36.7	25.5	445.3	10.0	4.6	0.9	18.3	24.4	1.8	78.1	42.3	61.4	29.6	80.6
Jul	16.8	7.5	11.4	-26.9	16.6	9.2	6.8	32.7	16.7	17.2	17.5	187.1	8.1	3.0	0.6	15.0	18.7	1.6	53.9	34.3	55.4	1.7	56.7
Aug	10.2	5.3	5.3	-19.6	8.6	0.6	5.5	16.7	10.6	5.1	12.1	74.2	6.1	2.1	0.3	11.7	13.1	1.6	30.1	24.3	45.8	-5.4	26.0
Sep	6.7	2.6	3.0	-4.8	4.6	-3.9	5.2	8.6	7.2	1.3	10.0	40.1	5.3	1.1	-0.2	9.6	12.5	1.6	11.7	18.2	41.9	-5.6	9.2
Oct	5.6	0.5	1.7	0.1	2.6	-5.7	4.8	5.5	6.3	0.7	10.2	41.0	4.5	0.2	-0.4	8.4	13.2	1.6	3.2	15.8	41.8	5.5	5.8
Nov	6.0	-0.2	0.5	-1.8	1.2	-5.6	5.1	4.1	7.1	2.5	11.8	75.9	4.0	-0.4	-0.5	8.3	15.2	1.3	0.6	15.8	43.2	10.7	10.9
Dec	6.1	0.4	0.1	-6.0	0.7	-5.2	6.1	4.6	7.4	3.0	12.7	97.6	4.9	-0.4	-0.6	7.5	15.7	0.3	2.2	16.6	39.7	-0.3	13.8

Percentage change, latest month on previous month

	ECYX	ECYY	ECYZ	ECZ2	ECZA	ECZC	ECZD	ECZE	ECZG	ECZK	ECZN	ECZT	ECZU	ED2G	ED2H	ED2I	ED2J	ED2K	ED2L	ED2M	ED2N	ED2O	ED2P
2019 Dec	0.1	-4.8	-0.4	-3.5	0.1	-2.0	-0.2	-0.1	0.3	0.0	-0.5	1.6	0.6	0.1	0.2	0.2	0.5	0.3	0.7	-0.1	1.1	0.1	1.5
2020 Jan	0.2	-0.6	-0.1	0.6	0.3	-3.4	1.3	0.1	0.3	1.3	0.7	-0.2	-1.4	-0.2	0.0	0.2	-0.2	0.0	-1.1	3.5	-1.1	-1.2	1.5
Feb	-0.5	-2.7	0.1	0.6	0.4	-1.3	-1.2	-0.8	-0.5	-1.4	-2.9	0.7	1.6	-0.3	0.2	0.1	-1.4	0.2	-3.6	0.3	-1.2	-0.4	-6.6
Mar	-7.5	-5.7	-5.5	-5.6	-7.1	0.2	0.7	-4.6	-8.1	-10.5	-12.4	-32.5	-1.0	-1.2	-0.2	-1.8	-10.9	0.2	-31.3	-9.3	-16.5	-8.8	-25.8
Apr	-18.9	-12.7	-20.7	-4.2	-25.7	-9.7	-7.5	-41.7	-16.8	-28.3	-24.5	-86.6	-9.5	-5.3	-2.0	-15.5	-25.1	0.3	-25.4	-19.7	-34.8	-35.3	-32.4
May	2.8	0.7	6.4	3.9	9.1	-1.2	0.5	9.2	1.9	13.3	3.9	15.2	-1.3	0.8	-0.4	-1.0	0.1	0.2	4.9	1.6	-7.2	8.7	-11.7
Jun	9.7	2.0	11.3	13.1	12.6	7.2	6.1	22.0	8.8	28.2	13.3	114.5	4.5	1.3	0.1	7.2	15.8	0.2	14.3	9.0	20.1	8.1	16.0
Jul	7.7	2.2	5.3	-8.0	7.4	5.9	0.7	17.6	7.5	8.0	6.2	161.7	3.8	1.2	0.6	3.0	3.2	0.1	30.5	9.2	15.9	36.0	37.7
Aug	2.1	2.3	1.3	-6.0	2.4	0.4	-0.2	2.9	2.1	0.3	1.6	43.7	-1.1	0.5	0.3	0.6	1.0	0.2	12.9	2.1	-0.6	-12.0	23.0
Sep	1.2	2.0	0.8	-3.8	1.2	0.8	0.6	3.1	1.2	-0.4	2.8	-12.9	-0.2	1.6	0.3	4.0	1.6	0.1	9.2	4.1	5.0	-14.1	3.5
Oct	0.8	0.5	0.8	3.4	1.4	-3.4	0.4	1.6	0.7	1.3	1.0	-13.6	3.5	0.6	0.0	1.2	2.3	0.1	1.2	2.6	3.7	-4.6	-6.8
Nov	-1.8	-0.4	1.1	-4.0	1.8	0.2	0.0	1.1	-2.5	-5.8	0.5	-40.4	-2.0	-0.5	-0.2	-0.4	-2.6	-0.1	-2.5	-0.2	-8.8	7.8	-5.1
Dec	1.2	-1.3	-0.4	2.4	-1.2	2.6	0.8	-1.7	1.7	2.2	2.6	24.8	-1.2	0.2	0.3	3.1	3.0	0.3	-3.0	-0.1	10.3	30.0	4.2
2021 Jan	-2.9	-1.2	-1.2	-3.7	-1.5	1.3	-0.4	-1.2	-3.3	-7.6	-5.4	-20.0	2.6	0.8	0.8	-3.2	-1.0	0.4	-19.5	2.0	-3.3	-20.7	4.8
Feb	0.7	-0.2	0.5	-5.5	1.0	0.0	1.0	3.3	0.6	2.8	1.1	4.4	-1.9	1.2	-0.7	2.3	0.0	0.3	-1.5	0.8	2.3	-0.4	-0.4
Mar	2.8	-0.1	1.3	4.4	1.3	-0.9	1.5	3.9	3.0	2.3	3.0	-1.5	1.4	-0.2	-0.1	4.2	4.0	0.4	16.0	7.6	1.3	4.3	-8.2
Apr	2.5	1.8	-0.2	-17.8	0.8	3.3	-1.2	0.3	3.2	10.4	0.0	49.8	2.6	-1.0	-0.2	-3.0	-0.3	0.0	11.2	-0.4	8.7	22.5	14.3
May	0.7	1.0	0.7	4.2	0.1	3.3	0.3	-0.9	0.8	-0.1	-1.0	37.8	0.3	-1.7	-0.2	-0.3	1.2	-0.2	2.6	2.7	9.0	-20.4	-4.4
Jun	0.8	1.2	-1.4	-11.3	-0.4	-5.7	1.6	0.1	1.2	-0.6	3.1	12.9	-0.6	0.1	0.3	3.7	1.8	0.0	1.3	1.2	2.0	0.5	-2.1
Jul	-0.1	0.0	0.6	22.8	-0.4	-2.2	1.1	-1.0	-0.2	-1.1	0.7	2.0	1.8	0.4	-0.6	-2.8	1.0	0.1	0.5	-1.7	5.9	1.8	4.0
Aug	0.3	-1.0	0.5	17.2	0.0	-3.5	-0.1	-0.8	0.3	-0.8	1.5	14.2	0.2	-0.1	0.3	0.9	0.7	0.2	-0.5	-3.6	3.5	-0.3	1.4
Sep	0.6	-0.3	-0.6	-1.9	-0.4	-1.1	-0.7	1.3	0.7	-1.6	2.3	0.2	-1.8	0.0	0.0	3.6	2.5	0.2	-1.0	4.9	1.2	0.2	2.7
Oct	0.1	0.1	-0.8	-5.2	-0.3	-3.2	0.5	-1.5	0.4	1.6	2.1	-4.4	1.3	0.1	-0.3	3.6	-0.1	-0.7	1.5	3.2	-0.1	2.0	2.0
Nov	0.7	0.1	0.7	-2.9	0.7	2.2	1.9	1.9	0.6	0.5	4.2	-0.2	0.4	-0.1	-0.1	2.9	0.5	-0.8	1.3	0.3	-1.9	0.9	1.0
Dec	-0.2	0.4	0.3	-3.1	0.2	1.6	1.7	2.0	-0.5	-3.2	0.5	-9.2	1.2	0.1	0.1	0.9	-0.1	-1.7	-0.3	2.4	-4.4	0.0	-3.6

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 2019=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
2019 weights	1000	7	137	11	99	15	12	64	792	105	40	29	62	82	131	74	51	48	59	76	16	17	2
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 Dec	1.1	19.7	-1.3	-37.9	1.6	14.7	-0.6	-1.1	1.6	0.0	0.0	5.0	1.7	-1.5	1.1	1.1	3.3	4.2	5.0	1.9	2.1	4.7	3.0
2020 Jan	0.9	16.1	-2.1	-32.2	0.4	4.9	1.2	-2.2	1.6	0.3	0.9	3.0	-0.2	-1.8	0.8	2.9	2.0	3.2	3.9	5.1	2.5	3.9	7.7
Feb	0.1	10.8	-2.2	-28.7	-0.2	6.6	-0.3	-4.5	0.7	-1.3	-2.2	2.9	0.7	-1.4	0.8	2.0	-0.4	2.8	0.2	5.0	0.5	2.2	0.9
Mar	-7.5	3.0	-8.7	-31.0	-8.9	5.5	-0.2	-7.0	-7.4	-11.7	-14.2	-30.2	-0.1	-2.0	0.5	0.6	-11.6	2.6	-31.6	-5.0	-16.3	-7.7	-25.6
Apr	-24.9	-10.7	-25.3	-24.1	-29.9	-9.7	-8.2	-48.0	-23.0	-36.6	-35.7	-90.6	-10.7	-7.1	-1.6	-14.8	-32.9	2.7	-49.2	-23.9	-44.8	-39.2	-50.6
May	-22.9	-11.8	-21.3	-18.7	-24.6	-12.4	-8.3	-42.9	-21.6	-28.2	-32.5	-89.1	-12.1	-6.5	-2.2	-15.6	-33.3	2.8	-47.1	-22.7	-48.2	-34.4	-56.2
Jun	-15.5	-12.3	-11.8	1.3	-14.9	-7.1	-3.1	-29.6	-15.1	-7.5	-23.0	-77.4	-9.1	-5.1	-2.0	-11.1	-22.6	2.8	-39.8	-16.1	-39.7	-29.6	-48.5
Jul	-9.2	-14.3	-7.5	-10.5	-9.0	0.1	-1.5	-15.9	-8.9	-0.2	-19.7	-40.2	-5.6	-4.7	-1.5	-8.5	-21.6	2.7	-21.2	-8.7	-29.1	-4.2	-29.2
Aug	-7.2	-15.9	-5.4	-15.4	-5.9	2.5	-1.8	-12.2	-7.1	0.0	-17.9	-13.6	-5.5	-5.1	-1.2	-8.6	-20.3	2.6	-11.2	-6.9	-31.3	-17.3	-12.1
Sep	-6.2	-17.1	-5.3	-20.9	-5.1	0.7	-0.4	-8.8	-6.0	-0.6	-15.7	-24.4	-6.8	-3.1	-1.1	-4.9	-18.5	2.3	-3.5	-3.0	-25.5	-29.4	-9.0
Oct	-5.6	-17.5	-5.0	-11.9	-4.7	-6.2	0.6	-5.8	-5.5	0.3	-15.7	-34.3	-3.4	-2.5	-1.1	-4.5	-16.7	2.0	-2.8	-0.4	-22.4	-32.9	-16.8
Nov	-6.9	-16.8	-3.1	-14.2	-1.8	-7.1	0.5	-5.8	-7.5	-4.2	-14.6	-61.4	-3.4	-1.5	-1.2	-3.8	-19.3	1.9	-6.1	-0.8	-31.4	-27.8	-23.4
Dec	-5.9	-13.8	-3.0	-9.0	-3.0	-2.8	1.5	-7.2	-6.2	-2.1	-11.9	-52.6	-5.1	-1.4	-1.2	-1.0	-17.3	1.9	-9.6	-0.8	-25.2	-6.3	-21.3
2021 Jan	-8.8	-14.3	-4.1	-12.9	-4.7	1.9	-0.1	-8.4	-9.6	-10.7	-17.3	-62.0	-1.2	-0.4	-0.3	-4.3	-18.0	2.3	-26.4	-2.2	-26.8	-24.8	-18.7
Feb	-7.7	-12.1	-3.8	-18.2	-4.2	3.3	2.1	-4.7	-8.5	-6.9	-13.8	-60.6	-4.6	1.0	-1.3	-2.2	-16.9	2.3	-24.9	-1.7	-24.2	-24.8	-13.2
Mar	2.7	-6.9	3.2	-9.6	4.6	2.2	2.9	3.8	2.6	6.4	1.3	-42.6	-2.3	2.1	-1.1	3.8	-3.0	2.5	26.8	16.8	-8.0	-13.9	7.5
Apr	29.8	8.6	29.8	-22.3	41.8	16.8	10.0	78.7	27.2	63.8	34.1	540.9	10.7	6.7	0.7	19.2	29.3	2.2	88.8	44.9	53.4	62.9	81.6
May	27.0	8.8	22.9	-22.1	30.2	22.2	9.8	62.1	25.8	44.5	27.8	666.6	12.5	4.1	0.9	19.9	30.7	1.8	84.6	46.5	80.2	19.2	96.5
Jun	16.7	8.1	8.8	-38.9	15.1	7.5	5.2	33.0	17.0	11.9	16.3	303.4	7.0	2.9	1.1	16.1	14.9	1.6	63.6	36.0	53.0	10.8	65.9
Jul	8.2	5.7	4.0	-18.5	6.8	-0.7	5.6	12.0	8.6	2.5	10.3	57.3	5.0	2.0	-0.1	9.5	12.4	1.6	26.0	22.5	39.8	-17.0	25.2
Aug	6.3	2.2	3.2	1.7	4.3	-4.6	5.6	7.9	6.7	1.4	10.1	25.0	6.4	1.4	-0.1	9.8	12.1	1.6	11.1	15.7	45.6	-5.9	3.2
Sep	5.6	-0.1	1.8	3.6	2.7	-6.4	4.3	6.0	6.3	0.2	9.6	43.8	4.7	-0.2	-0.3	9.4	13.1	1.7	0.6	16.5	40.3	9.8	2.4
Oct	4.9	-0.5	0.1	-5.0	1.0	-6.2	4.5	2.7	5.9	0.5	10.9	59.1	2.4	-0.7	-0.7	5.9	14.5	1.5	-1.3	15.2	39.7	14.9	12.1
Nov	7.5	0.0	-0.2	-4.0	-0.1	-4.3	6.5	3.6	9.3	7.2	14.8	166.7	4.9	-0.3	-0.6	9.5	18.2	0.7	2.6	15.8	50.2	7.6	19.3
Dec	6.0	1.7	0.4	-9.1	1.3	-5.3	7.4	7.4	6.9	1.6	12.4	94.0	7.4	-0.4	-0.7	7.1	14.6	-1.2	5.5	18.8	30.2	-17.2	10.4

1 The GVA output is designated as a National Statistic.

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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
2019 weights	1000	7	137	11	99	15	12	64	792	105	40	29	62	82	131	74	51	48	59	76	16	17	2
Percentage change, latest 3 months on previous 3 months <sup>3,5</sup>																							
2019 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
2021 Jan	0.0	0.0	0.1	-0.4	0.1	0.4	-0.2	-0.1	-0.1	-0.1	-0.3	-1.0	0.1	-0.1	-0.1	0.0	0.1	0.1	0.0	0.0	0.2	-0.2	-0.2
Feb	0.0	0.1	0.0	-1.4	0.1	0.7	-0.6	-0.1	-0.1	-0.2	-0.2	-2.3	0.1	-0.3	-0.1	0.1	0.1	0.2	0.0	0.0	0.6	-0.5	-0.5
Mar	-0.1	0.3	0.0	-2.1	0.0	0.9	-0.9	-0.3	-0.1	-0.3	0.0	-4.2	0.1	-0.5	-0.1	0.6	0.2	0.4	0.0	0.0	0.8	-0.7	-1.5
Apr	-0.1	0.2	-0.1	-2.5	0.1	0.5	-0.6	-0.4	0.0	-0.1	0.3	-2.2	0.1	-0.7	-0.1	0.9	-0.1	0.4	0.0	-0.3	0.9	-0.6	-2.7
May	0.0	-0.1	0.1	-1.9	0.1	0.6	0.0	-0.4	0.0	0.1	0.2	1.2	0.5	-0.4	-0.1	0.6	0.0	0.1	0.0	-0.6	1.9	-0.3	-3.1
Jun	0.0	-0.4	0.1	-1.9	0.2	0.3	0.5	-0.2	0.1	0.4	-0.7	6.6	0.8	-0.4	-0.2	0.1	-0.4	-0.2	0.1	-0.6	2.2	0.1	-0.9
Jul	0.0	-0.4	0.3	0.2	0.2	0.2	0.7	-0.1	-0.1	0.1	-1.2	4.0	0.7	-0.3	-0.2	-0.3	0.2	-0.4	0.1	-0.4	0.9	0.2	2.9
Aug	-0.1	-0.3	0.1	2.1	0.0	-0.8	0.4	0.0	-0.1	-0.1	-1.5	2.1	0.3	-0.5	-0.1	-0.2	0.0	-0.3	0.0	0.1	-2.9	0.2	6.1
Sep	-0.1	0.0	0.2	4.9	0.0	-0.2	-0.1	-0.4	-0.1	-0.2	-1.0	1.9	0.0	-0.4	-0.2	0.4	0.2	0.0	0.0	0.5	-5.3	0.1	5.9
Oct	0.0	0.2	-0.1	2.6	-0.1	-0.3	-0.4	-0.6	0.0	-0.1	-1.0	3.1	0.2	-0.4	-0.1	1.2	-0.2	0.4	-0.1	0.0	-5.0	0.0	3.4
Nov	-0.1	0.2	-0.2	-0.3	-0.3	1.0	-0.5	-1.6	0.0	-0.2	-1.0	1.9	0.5	-0.3	-0.1	1.6	0.0	0.5	-0.2	-0.4	-4.2	0.0	0.6
Percentage change, latest 3 months on same 3 months a year ago <sup>3,5</sup>																							
2019 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
2021 Jan	0.0	0.0	0.0	-0.3	0.0	0.4	-0.2	-0.1	-0.1	-0.1	-0.2	-0.8	0.1	-0.1	0.0	-0.1	0.0	0.1	0.0	0.0	0.2	-0.1	-0.1
Feb	-0.1	0.1	0.0	-1.3	0.0	0.6	-0.6	-0.1	-0.1	-0.2	-0.2	-1.3	0.0	-0.3	0.0	0.2	0.0	0.3	0.0	0.0	0.4	-0.3	-0.4
Mar	-0.1	0.2	0.0	-1.9	0.1	1.0	-0.9	-0.3	-0.1	-0.3	-0.1	-2.3	0.0	-0.5	-0.1	0.5	0.1	0.4	-0.1	0.0	0.6	-0.6	-1.3
Apr	-0.1	0.3	-0.1	-2.7	0.2	1.0	-1.0	-0.5	-0.1	-0.2	0.1	-3.0	0.2	-0.7	-0.2	0.9	-0.1	0.4	-0.1	-0.3	1.0	-0.7	-3.2
May	-0.1	0.1	0.1	-2.9	0.3	1.5	-0.7	-0.8	0.0	-0.1	-0.1	-4.7	0.5	-0.7	-0.1	0.9	0.0	0.4	-0.1	-0.6	2.9	-0.8	-5.5
Jun	-0.1	-0.1	0.1	-3.3	0.3	1.3	-0.4	-0.9	-0.2	0.1	-0.9	-9.5	0.9	-0.9	-0.2	0.7	-0.3	0.1	-0.1	-0.8	4.2	-0.8	-4.2
Jul	-0.2	-0.2	0.2	-2.2	0.3	1.3	-0.2	-0.8	-0.2	-0.2	-1.3	-5.1	0.9	-1.0	-0.3	0.6	0.1	0.0	-0.1	-0.7	2.7	-0.5	0.3
Aug	-0.2	-0.1	0.2	-1.2	0.3	0.5	-0.2	-0.7	-0.3	-0.2	-1.7	-1.8	0.8	-1.3	-0.3	0.7	0.0	0.0	-0.1	-0.5	-0.3	-0.4	3.2
Sep	-0.2	0.0	0.2	-0.6	0.3	0.9	-0.4	-1.0	-0.2	-0.2	-1.8	-0.5	0.8	-1.4	-0.4	1.2	-0.1	0.1	-0.1	-0.2	-2.7	-0.4	3.9
Oct	-0.2	0.0	0.1	-0.9	0.1	0.8	-0.6	-1.3	-0.2	-0.2	-2.3	1.2	1.0	-1.4	-0.4	1.8	-0.2	0.5	-0.2	-0.6	-3.8	-0.6	3.7
Nov	-0.3	0.0	-0.1	-1.8	0.0	1.5	-0.6	-2.2	-0.2	-0.4	-2.6	1.3	1.3	-1.6	-0.3	2.4	0.0	0.5	-0.3	-0.9	-6.0	-0.6	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 11 February 2022

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
2019 weights	1000	7	137	11	99	15	12	64	792	105	40	29	62	82	131	74	51	48	59	76	16	17	2
Percentage change, latest month on previous month <sup>3,5</sup>																							
2019 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
2021 Jan	-0.2	0.2	0.1	-1.2	0.1	1.3	-0.7	-0.3	-0.1	-0.3	-0.7	-4.8	0.3	-0.3	-0.1	-0.1	0.2	0.2	-0.1	0.1	0.7	-0.3	-0.4
Feb	0.0	0.2	-0.2	-1.8	0.0	-0.5	-0.4	0.3	0.0	0.2	0.7	1.6	-0.6	-0.3	0.0	0.6	-0.1	0.2	0.0	0.0	0.0	-0.3	-0.8
Mar	0.0	-0.1	0.0	1.1	-0.1	-0.2	0.3	-0.6	0.0	-0.4	0.6	-1.1	0.4	-0.1	-0.1	0.6	0.4	0.1	0.1	-0.3	-0.1	-0.2	-1.9
Apr	0.0	-0.2	0.1	-1.8	0.2	0.6	0.0	-0.2	0.0	0.7	-0.8	4.3	0.8	-0.1	0.0	-0.5	-0.9	-0.1	0.0	-0.4	0.9	0.4	-1.1
May	0.1	-0.2	0.2	-0.3	0.1	0.6	0.4	0.4	0.0	0.0	-0.2	2.4	-0.1	0.0	-0.1	-0.1	0.7	-0.2	0.0	-0.1	2.6	-0.1	0.5
Jun	-0.1	-0.1	-0.2	-0.3	-0.1	-1.5	0.2	-0.2	-0.1	-0.3	-0.9	-1.7	0.3	-0.3	0.0	0.3	-0.3	-0.2	0.0	0.2	-1.6	0.1	4.0
Jul	0.0	0.0	0.3	5.6	0.0	0.9	-0.1	-0.1	-0.1	0.0	-0.1	-0.1	-0.2	-0.2	-0.1	-0.5	0.5	-0.1	-0.1	0.2	-3.5	0.2	2.9
Aug	0.2	0.1	-0.2	-0.4	0.0	-1.3	0.1	0.4	0.2	0.2	-0.2	3.8	-0.2	-0.2	0.0	0.6	-0.4	0.2	0.1	0.2	-1.3	-0.2	0.0
Sep	0.0	0.2	0.1	-0.9	0.1	1.8	-0.6	-1.4	0.0	-0.2	-0.4	-1.1	0.4	-0.1	0.0	1.1	-0.2	0.4	-0.2	0.1	-0.8	0.0	0.2
Oct	-0.1	0.0	-0.3	0.0	-0.4	-0.6	0.1	0.2	0.0	-0.1	-0.8	1.4	0.4	-0.1	0.1	0.1	0.2	0.2	-0.1	-1.1	-0.3	-0.1	-0.4
Nov	-0.2	-0.2	-0.3	-1.6	-0.4	0.9	0.3	-1.6	-0.1	-0.1	0.4	-0.7	0.1	-0.1	0.0	0.4	0.4	-0.5	-0.1	0.2	-3.2	0.2	-1.0
Percentage change, latest month on same month a year ago <sup>3,5</sup>																							
2019 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
2021 Jan	-0.1	0.1	0.1	-1.1	0.1	1.2	-0.6	-0.2	-0.2	-0.3	-0.6	-2.3	0.4	-0.2	0.0	0.0	0.1	0.3	0.0	0.1	0.6	-0.4	-0.3
Feb	-0.1	0.3	-0.1	-2.6	0.1	0.9	-1.1	0.0	-0.1	-0.2	0.0	-1.7	-0.2	-0.6	-0.1	0.6	-0.1	0.4	-0.1	0.0	0.6	-0.6	-0.9
Mar	-0.1	0.2	-0.1	-1.9	0.1	0.7	-0.8	-0.6	0.0	-0.6	0.6	-3.2	0.1	-0.7	-0.1	1.3	0.3	0.4	-0.1	-0.2	0.7	-0.7	-3.3
Apr	-0.1	0.1	0.1	-3.3	0.3	1.4	-0.8	-1.3	-0.1	0.2	-0.3	-15.8	0.9	-0.9	-0.2	0.8	-0.6	0.4	-0.2	-0.9	2.4	-0.9	-7.4
May	-0.1	-0.1	0.3	-3.6	0.5	2.3	-0.3	-0.6	-0.1	0.2	-0.6	-5.3	0.7	-0.8	-0.2	0.6	0.2	0.2	-0.1	-1.0	7.0	-0.8	-7.0
Jun	-0.2	-0.2	-0.1	-3.0	0.3	0.3	-0.1	-0.8	-0.3	-0.3	-1.6	-8.9	1.0	-1.1	-0.3	1.0	-0.2	0.0	0.0	-0.8	3.7	-0.7	1.2
Jul	-0.3	-0.2	0.3	-0.1	0.3	1.2	-0.3	-0.8	-0.4	-0.2	-1.5	-3.6	0.8	-1.3	-0.3	0.3	0.3	-0.1	-0.1	-0.4	-1.1	-0.3	4.3
Aug	-0.1	-0.1	0.1	-0.3	0.3	-0.2	-0.2	-0.4	-0.2	0.0	-1.8	1.4	0.6	-1.4	-0.4	1.0	0.0	0.1	0.1	-0.1	-3.0	-0.5	3.6
Sep	-0.2	0.1	0.3	-1.4	0.4	1.5	-0.8	-1.9	-0.1	-0.2	-2.2	0.0	1.1	-1.5	-0.4	2.1	-0.3	0.5	-0.2	-0.1	-4.1	-0.5	3.8
Oct	-0.2	0.1	-0.1	-1.2	-0.1	1.0	-0.7	-1.6	-0.2	-0.3	-2.9	2.4	1.4	-1.5	-0.3	2.2	-0.1	0.8	-0.3	-1.4	-4.4	-0.7	3.7
Nov	-0.5	-0.1	-0.3	-2.8	-0.5	1.8	-0.4	-3.2	-0.2	-0.5	-2.7	2.4	1.5	-1.7	-0.3	2.7	0.5	0.2	-0.4	-1.2	-9.8	-0.5	2.7

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 11 February 2022

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 2019=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
2019 weights		1000	7	137	11	99	15	12	64	792	105	40	29	62	82	131	74	51	48	59	76	16	17	2

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	Dec	-0.04	0.02	-0.01	-0.08	0.01	0.07	-0.01	-0.12	0.07	-0.04	0.01	0.01	-0.06	-0.08	0.02	0.03	0.00	0.05	0.10	0.00	0.01	0.03	0.01
2020	Jan	-0.12	-0.02	-0.08	-0.07	-0.03	0.03	0.00	-0.02	0.01	-0.07	-0.01	0.06	-0.11	-0.14	0.01	-0.03	0.03	0.03	0.09	0.09	0.03	0.01	0.01
	Feb	-0.13	-0.05	-0.12	-0.06	-0.01	-0.04	0.00	-0.01	0.05	-0.05	-0.05	0.07	-0.08	-0.09	0.03	-0.01	0.02	0.03	-0.03	0.18	0.03	-0.01	0.01
	Mar	-2.67	-0.06	-0.33	-0.03	-0.22	-0.08	0.01	-0.10	-2.17	-0.38	-0.23	-0.27	-0.06	-0.10	0.02	-0.04	-0.21	0.02	-0.77	0.03	-0.09	-0.08	-0.02
	Apr	-11.11	-0.09	-1.39	-0.05	-1.20	-0.11	-0.03	-1.06	-8.57	-1.66	-0.70	-1.21	-0.19	-0.23	-0.07	-0.45	-0.81	0.03	-1.79	-0.77	-0.36	-0.31	-0.06
	May	-18.66	-0.11	-2.29	-0.06	-2.04	-0.13	-0.05	-1.86	-14.41	-2.59	-1.07	-2.13	-0.44	-0.38	-0.21	-0.91	-1.35	0.03	-2.61	-1.54	-0.62	-0.51	-0.09
	Jun	-19.18	-0.11	-2.36	-0.01	-2.15	-0.13	-0.06	-2.25	-14.46	-2.15	-1.03	-2.32	-0.57	-0.43	-0.32	-1.16	-1.38	0.03	-2.10	-1.70	-0.66	-0.59	-0.09
	Jul	-5.43	-0.06	-0.38	0.05	-0.40	-0.02	0.00	-0.68	-4.32	0.50	-0.36	-0.96	-0.28	-0.17	-0.23	-0.57	-0.61	0.03	-0.53	-0.62	-0.34	-0.14	-0.04
	Aug	9.91	0.00	1.54	0.07	1.30	0.12	0.06	0.99	7.38	2.90	0.35	0.97	0.15	0.09	-0.06	0.21	0.31	0.03	1.40	0.68	0.08	0.23	0.03
	Sep	17.59	0.04	2.30	-0.05	2.09	0.19	0.07	2.07	13.18	3.15	0.67	2.23	0.39	0.32	0.13	0.76	0.67	0.03	2.54	1.47	0.33	0.41	0.08
	Oct	11.56	0.04	1.31	-0.10	1.27	0.10	0.04	1.33	8.88	1.51	0.44	1.55	0.26	0.28	0.14	0.64	0.45	0.03	2.17	1.15	0.24	-0.04	0.07
	Nov	5.03	0.03	0.61	-0.10	0.68	0.01	0.01	0.70	3.69	0.13	0.24	0.10	0.12	0.23	0.09	0.47	0.18	0.02	1.40	0.79	0.11	-0.22	0.03
	Dec	1.49	0.01	0.34	-0.03	0.38	-0.03	0.01	0.29	0.85	-0.24	0.17	-0.74	0.07	0.13	0.03	0.37	0.13	0.02	0.47	0.45	0.05	-0.08	0.00
2021	Jan	-1.04	0.00	0.17	-0.02	0.18	0.00	0.01	0.10	-1.33	-0.67	0.07	-1.01	0.01	0.07	0.04	0.20	0.05	0.02	-0.52	0.31	0.00	0.13	-0.01
	Feb	-1.44	-0.01	0.00	-0.02	-0.02	0.04	0.01	-0.01	-1.44	-0.59	0.00	-0.51	-0.02	0.08	0.06	0.14	0.06	0.03	-1.25	0.20	0.04	0.20	0.00
	Mar	-1.29	-0.01	-0.04	-0.04	-0.05	0.04	0.02	0.09	-1.35	-0.60	-0.07	-0.33	0.02	0.13	0.06	0.13	0.06	0.05	-1.33	0.46	0.03	-0.04	0.00
	Apr	1.91	-0.01	0.04	-0.06	0.07	0.04	0.02	0.29	1.59	0.32	0.01	0.14	0.07	0.11	-0.03	0.23	0.13	0.05	-0.24	0.67	0.09	0.04	0.00
	May	4.29	0.01	0.17	-0.07	0.21	0.05	0.02	0.35	3.79	0.86	0.05	0.55	0.17	-0.03	-0.07	0.20	0.17	0.03	0.93	0.92	0.15	0.03	0.00
	Jun	5.44	0.02	0.11	-0.11	0.20	0.05	0.01	0.21	5.15	1.28	0.10	1.17	0.18	-0.15	-0.08	0.12	0.17	0.01	1.45	0.70	0.24	0.12	0.01
	Jul	3.79	0.02	0.03	-0.04	0.07	0.01	0.02	0.02	3.77	0.68	0.08	1.28	0.16	-0.18	-0.05	0.04	0.17	0.00	1.03	0.51	0.26	-0.11	0.00
	Aug	2.07	0.01	-0.05	0.02	-0.03	-0.08	0.03	-0.09	2.23	0.16	0.12	1.10	0.10	-0.09	-0.03	0.06	0.15	0.00	0.46	0.05	0.23	-0.11	0.00
	Sep	0.99	0.00	0.01	0.13	-0.07	-0.12	0.02	-0.08	1.08	-0.28	0.15	0.73	0.06	-0.01	-0.03	0.10	0.17	0.01	0.11	-0.08	0.20	-0.09	0.00
	Oct	0.86	-0.01	-0.03	0.12	-0.07	-0.13	0.01	-0.07	0.97	-0.24	0.19	0.48	0.02	0.02	-0.01	0.15	0.22	0.02	-0.04	-0.07	0.16	0.02	0.01
	Nov	1.02	-0.01	-0.04	0.05	-0.04	-0.08	0.01	0.00	1.09	-0.13	0.23	0.19	-0.01	0.01	-0.03	0.22	0.27	0.01	-0.08	0.28	0.11	0.01	0.01
	Dec	0.97	0.00	-0.06	-0.03	0.00	-0.05	0.02	0.06	0.98	-0.05	0.26	-0.10	0.04	0.00	-0.03	0.22	0.27	-0.05	-0.05	0.44	0.04	0.01	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	Dec	1.08	0.17	-0.07	-0.60	0.24	0.21	-0.01	-0.18	1.17	-0.02	0.01	0.09	0.24	-0.09	0.10	0.06	0.10	0.20	0.30	0.12	0.03	0.06	0.00
2020	Jan	0.95	0.13	-0.19	-0.52	0.12	0.17	0.00	-0.13	1.15	-0.03	0.01	0.10	0.10	-0.13	0.10	0.10	0.12	0.18	0.28	0.22	0.04	0.07	0.01
	Feb	0.71	0.10	-0.26	-0.46	0.06	0.12	0.00	-0.17	1.04	-0.04	-0.02	0.11	0.04	-0.13	0.12	0.15	0.08	0.16	0.18	0.30	0.03	0.06	0.01
	Mar	-2.17	0.06	-0.61	-0.40	-0.30	0.08	0.00	-0.29	-1.33	-0.45	-0.21	-0.24	0.01	-0.14	0.09	0.14	-0.17	0.14	-0.54	0.13	-0.07	-0.01	-0.01
	Apr	-10.77	0.01	-1.66	-0.34	-1.29	0.01	-0.04	-1.31	-7.81	-1.74	-0.70	-1.14	-0.21	-0.29	-0.01	-0.30	-0.76	0.13	-1.58	-0.60	-0.33	-0.25	-0.05
	May	-18.43	-0.04	-2.53	-0.29	-2.10	-0.08	-0.07	-2.16	-13.70	-2.68	-1.10	-2.03	-0.47	-0.42	-0.14	-0.73	-1.31	0.13	-2.51	-1.30	-0.58	-0.46	-0.09
	Jun	-21.10	-0.08	-2.66	-0.15	-2.29	-0.15	-0.08	-2.66	-15.71	-2.53	-1.21	-2.51	-0.66	-0.51	-0.25	-1.02	-1.50	0.13	-2.68	-1.58	-0.71	-0.58	-0.10
	Jul	-15.86	-0.09	-1.85	-0.10	-1.60	-0.10	-0.05	-1.93	-12.00	-1.25	-0.99	-2.03	-0.56	-0.44	-0.25	-0.87	-1.31	0.13	-2.13	-1.20	-0.63	-0.39	-0.09
	Aug	-10.65	-0.10	-1.12	-0.08	-0.99	-0.02	-0.03	-1.24	-8.19	-0.27	-0.80	-1.30	-0.42	-0.41	-0.21	-0.70	-1.10	0.13	-1.43	-0.80	-0.54	-0.29	-0.06
	Sep	-7.53	-0.11	-0.82	-0.16	-0.66	0.02	-0.01	-0.78	-5.81	-0.03	-0.71	-0.77	-0.37	-0.35	-0.16	-0.55	-1.03	0.12	-0.71	-0.47	-0.46	-0.30	-0.03
	Oct	-6.33	-0.13	-0.71	-0.16	-0.52	-0.02	-0.01	-0.56	-4.93	-0.01	-0.66	-0.70	-0.33	-0.29	-0.15	-0.45	-0.94	0.11	-0.35	-0.26	-0.43	-0.46	-0.02
	Nov	-6.22	-0.13	-0.61	-0.15	-0.38	-0.07	0.00	-0.42	-5.05	-0.16	-0.61	-1.17	-0.28	-0.19	-0.14	-0.33	-0.92	0.10	-0.25	-0.11	-0.43	-0.53	-0.03
	Dec	-6.12	-0.12	-0.50	-0.11	-0.32	-0.08	0.01	-0.39	-5.10	-0.21	-0.56	-1.46	-0.25	-0.15	-0.15	-0.23	-0.91	0.09	-0.37	-0.05	-0.43	-0.39	-0.04
2021	Jan	-7.20	-0.10	-0.43	-0.08	-0.30	-0.04	0.01	-0.44	-6.25	-0.57	-0.57	-1.67	-0.20	-0.09	-0.11	-0.23	-0.91	0.10	-1.01	-0.11	-0.46	-0.34	-0.04
	Feb	-7.46	-0.09	-0.46	-0.09	-0.38	0.01	0.01	-0.41	-6.53	-0.66	-0.56	-1.68	-0.22	-0.02	-0.12	-0.19	-0.86	0.11	-1.44	-0.14	-0.42	-0.32	-0.04
	Mar	-4.80	-0.07	-0.21	-0.09	-0.15	0.04	0.02	-0.20	-4.35	-0.41	-0.40	-1.49	-0.17	0.07	-0.12	-0.07	-0.64	0.12	-0.80	0.35	-0.32	-0.36	-0.02
	Apr	6.39	-0.03	1.03	-0.12	1.04	0.11	0.06	0.97	4.39	1.49	0.14	-0.44	0.06	0.28	-0.08	0.49	0.00	0.14	1.01	1.57	-0.01	0.00	0.02
	May	18.66	0.02	2.28	-0.13	2.18	0.22	0.10	2.11	14.23	3.24	0.67	1.06	0.45	0.40	0.02	1.11	0.75	0.14	3.11	3.05	0.42	0.26	0.07
	Jun	24.20	0.06	2.62	-0.23	2.60	0.26	0.11	2.71	18.81	3.58	0.88	2.27	0.69	0.44	0.14	1.48	1.07	0.12	3.82	3.68	0.70	0.41	0.09
	Jul	16.77	0.05	1.51	-0.21	1.58	0.15	0.09	1.74	13.50	1.82	0.61	1.95	0.53	0.27	0.09	1.16	0.82	0.10	2.89	2.98	0.65	0.03	0.07
	Aug	10.19	0.03	0.69	-0.14	0.82	0.01	0.07	0.95	8.56	0.56	0.42	1.32	0.39	0.18	0.05	0.89	0.57	0.09	1.81	2.12	0.56	-0.09	0.04
	Sep	6.67	0.02	0.39	-0.03	0.44	-0.06	0.06	0.50	5.79	0.15	0.35	0.90	0.33	0.09	-0.02	0.72	0.54	0.09	0.79	1.60	0.52	-0.09	0.01
	Oct	5.57	0.00	0.22	0.00	0.25	-0.09	0.06	0.33	5.06	0.07	0.36	0.93	0.27	0.02	-0.05	0.63	0.57	0.09	0.23	1.42	0.53	0.07	0.01
	Nov	5.98	0.00	0.07	-0.01	0.11	-0.09	0.06	0.25	5.73	0.27	0.42	1.35	0.24	-0.03	-0.07	0.63	0.66	0.07	0.05	1.45	0.55	0.14	0.02
	Dec	6.12	0.00	0.01	-0.04	0.07	-0.08	0.07	0.28	5.89	0.32	0.46	1.48	0.30	-0.04	-0.09	0.58	0.69	0.02	0.16	1.53	0.51	0.00	0.02

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 2019=100

Section	Industry sections (SIC2007)																					
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities
	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
2019 weights	1000	7	137	11	99	15	12	64	792	105	40	29	62	82	131	74	51	48	59	76	16	17

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	Dec	0.11	-0.04	-0.06	-0.04	0.01	-0.03	0.00	-0.01	0.21	0.00	-0.02	0.05	0.04	0.01	0.03	0.02	0.02	0.01	0.04	-0.01	0.02	0.00	0.00
2020	Jan	0.21	0.00	-0.01	0.01	0.03	-0.05	0.01	0.01	0.22	0.13	0.03	-0.01	-0.09	-0.01	0.00	0.01	-0.01	0.00	-0.07	0.26	-0.02	-0.02	0.00
	Feb	-0.48	-0.02	0.02	0.01	0.04	-0.02	-0.01	-0.05	-0.43	-0.15	-0.12	0.02	0.10	-0.02	0.03	0.01	-0.07	0.01	-0.21	0.02	-0.02	-0.01	-0.01
	Mar	-7.53	-0.04	-0.75	-0.05	-0.71	0.00	0.01	-0.29	-6.45	-1.08	-0.48	-0.98	-0.06	-0.10	-0.03	-0.13	-0.55	0.01	-1.82	-0.74	-0.27	-0.15	-0.05
	Apr	-18.90	-0.09	-2.86	-0.04	-2.57	-0.16	-0.10	-2.68	-13.27	-2.83	-0.90	-1.91	-0.63	-0.46	-0.29	-1.25	-1.23	0.02	-1.10	-1.53	-0.51	-0.60	-0.05
	May	2.85	0.01	0.86	0.04	0.83	-0.02	0.01	0.42	1.56	1.18	0.13	0.06	-0.10	0.08	-0.07	-0.08	0.00	0.01	0.20	0.12	-0.08	0.12	-0.02
	Jun	9.71	0.01	1.59	0.15	1.23	0.12	0.09	1.08	7.03	2.76	0.46	0.47	0.32	0.13	0.01	0.58	0.69	0.01	0.58	0.68	0.21	0.12	0.02
	Jul	7.74	0.02	0.75	-0.09	0.74	0.10	0.01	0.96	6.01	0.91	0.22	1.29	0.26	0.11	0.09	0.24	0.15	0.01	1.29	0.69	0.19	0.51	0.04
	Aug	2.05	0.02	0.19	-0.06	0.24	0.01	0.00	0.18	1.68	0.03	0.06	0.85	-0.07	0.04	0.04	0.05	0.05	0.01	0.66	0.16	-0.01	-0.22	0.03
	Sep	1.22	0.01	0.10	-0.03	0.12	0.01	0.01	0.18	0.92	-0.04	0.10	-0.35	-0.01	0.14	0.04	0.30	0.07	0.01	0.52	0.31	0.06	-0.22	0.01
	Oct	0.81	0.00	0.12	0.03	0.14	-0.06	0.00	0.10	0.59	0.14	0.04	-0.32	0.22	0.05	0.01	0.09	0.10	0.01	0.07	0.20	0.05	-0.06	-0.01
	Nov	-1.78	0.00	0.15	-0.04	0.19	0.00	0.00	0.06	-2.00	-0.65	0.02	-0.82	-0.13	-0.04	-0.03	-0.12	-0.01	-0.15	-0.02	-0.11	0.10	-0.01	-0.01
	Dec	1.18	-0.01	-0.05	0.02	-0.12	0.04	0.01	-0.10	1.34	0.23	0.10	0.30	-0.08	0.01	0.04	0.24	0.13	0.01	-0.19	-0.01	0.12	0.41	0.01
2021	Jan	-2.87	-0.01	-0.16	-0.02	-0.14	0.02	0.00	-0.07	-2.66	-0.80	-0.20	-0.29	0.16	0.07	0.11	-0.25	-0.05	0.02	-1.36	0.18	-0.04	-0.36	0.01
	Feb	0.74	0.00	0.06	-0.03	0.10	0.00	0.01	0.20	0.48	0.28	0.04	0.05	-0.12	0.10	-0.10	0.18	0.00	0.02	-0.09	0.08	0.03	-0.01	0.00
	Mar	2.83	0.00	0.17	0.03	0.13	-0.01	0.02	0.25	2.43	0.24	0.11	-0.02	0.08	-0.01	-0.01	0.34	0.18	0.02	0.90	0.74	0.02	0.06	-0.01
	Apr	2.51	0.01	-0.03	-0.10	0.08	0.05	-0.01	0.02	2.54	1.05	0.00	0.59	0.16	-0.08	-0.03	-0.24	-0.01	0.00	0.71	-0.04	0.12	0.32	0.02
	May	0.70	0.01	0.09	0.02	0.01	0.05	0.00	-0.05	0.66	-0.01	-0.03	0.65	0.02	-0.14	-0.03	-0.03	0.05	-0.01	0.18	0.26	0.13	-0.35	-0.01
	Jun	0.76	0.01	-0.18	-0.05	-0.04	-0.09	0.02	0.00	0.95	-0.07	0.11	0.30	-0.04	0.01	0.04	0.28	0.08	0.00	0.09	0.12	0.03	0.01	0.00
	Jul	-0.12	0.00	0.08	0.10	-0.04	-0.03	0.01	-0.06	-0.14	-0.12	0.02	0.05	0.11	0.03	-0.07	-0.22	0.04	0.01	0.04	-0.17	0.09	0.02	0.01
	Aug	0.27	-0.01	0.07	0.09	0.00	-0.05	0.00	-0.05	0.25	-0.08	0.05	0.38	0.01	-0.01	0.04	0.07	0.03	0.01	-0.03	-0.35	0.06	0.00	0.00
	Sep	0.58	0.00	-0.07	-0.01	-0.03	-0.02	-0.01	0.07	0.59	-0.17	0.08	0.01	-0.11	0.00	0.00	0.28	0.11	0.01	-0.07	0.47	0.02	0.00	0.00
	Oct	0.10	0.00	-0.10	-0.03	-0.03	-0.04	0.01	-0.09	0.31	0.17	0.08	-0.13	0.08	0.01	-0.04	-0.16	0.17	0.00	-0.05	0.14	0.05	0.00	0.00
	Nov	0.71	0.00	0.09	-0.02	0.06	0.03	0.02	0.11	0.50	0.05	0.16	0.00	0.02	-0.01	-0.01	0.23	0.03	-0.04	0.09	0.03	-0.03	0.01	0.00
	Dec	-0.24	0.00	0.04	-0.02	0.02	0.02	0.02	0.12	-0.41	-0.33	0.02	-0.27	0.07	0.00	0.02	0.07	-0.01	-0.09	-0.02	0.24	-0.07	0.00	-0.01

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	Dec	1.13	0.13	-0.18	-0.61	0.16	0.20	-0.01	-0.07	1.25	0.00	0.00	0.15	0.11	-0.12	0.15	0.08	0.16	0.20	0.30	0.14	0.03	0.08	0.01
2020	Jan	0.95	0.10	-0.29	-0.44	0.04	0.07	0.01	-0.14	1.29	0.03	0.04	0.09	-0.01	-0.15	0.10	0.21	0.10	0.15	0.23	0.39	0.04	0.07	0.01
	Feb	0.07	0.07	-0.30	-0.37	-0.02	0.09	0.00	-0.29	0.59	-0.14	-0.09	0.09	0.04	-0.12	0.11	0.15	-0.02	0.13	0.01	0.38	0.01	0.04	0.00
	Mar	-7.52	0.02	-1.22	-0.39	-0.91	0.08	0.00	-0.45	-5.87	-1.23	-0.56	-0.88	-0.01	-0.16	0.06	0.04	-0.59	0.12	-1.85	-0.38	-0.27	-0.13	-0.05
	Apr	-24.88	-0.07	-3.45	-0.26	-2.94	-0.14	-0.10	-3.20	-18.17	-3.84	-1.43	-2.64	-0.67	-0.58	-0.20	-1.09	-1.66	0.13	-2.89	-1.81	-0.72	-0.66	-0.10
	May	-22.90	-0.08	-2.93	-0.20	-2.44	-0.19	-0.10	-2.84	-17.06	-2.96	-1.29	-2.59	-0.75	-0.53	-0.29	-1.14	-1.69	0.14	-2.78	-1.71	-0.76	-0.59	-0.11
	Jun	-15.54	-0.08	-1.61	0.01	-1.48	-0.11	-0.04	-1.93	-11.92	-0.78	-0.91	-2.32	-0.57	-0.41	-0.27	-0.82	-1.14	0.14	-2.36	-1.22	-0.65	-0.51	-0.09
	Jul	-9.17	-0.10	-1.02	-0.11	-0.89	0.00	-0.02	-1.02	-7.04	-0.02	-0.79	-1.19	-0.35	-0.38	-0.19	-0.63	-1.11	0.13	-1.26	-0.66	-0.47	-0.07	-0.06
	Aug	-7.23	-0.12	-0.73	-0.15	-0.59	0.04	-0.02	-0.77	-5.61	0.00	-0.71	-0.40	-0.34	-0.42	-0.16	-0.64	-1.04	0.13	-0.67	-0.52	-0.51	-0.30	-0.02
	Sep	-6.20	-0.13	-0.72	-0.21	-0.50	0.01	-0.01	-0.55	-4.79	-0.07	-0.62	-0.71	-0.43	-0.25	-0.14	-0.37	-0.94	0.11	-0.21	-0.23	-0.41	-0.51	-0.02
	Oct	-5.57	-0.13	-0.68	-0.11	-0.47	-0.10	0.01	-0.36	-4.40	0.03	-0.63	-0.99	-0.21	-0.21	-0.14	-0.34	-0.84	0.10	-0.17	-0.03	-0.35	-0.58	-0.03
	Nov	-6.89	-0.13	-0.42	-0.13	-0.18	-0.11	0.01	-0.36	-5.98	-0.44	-0.58	-1.82	-0.21	-0.12	-0.15	-0.28	-0.99	0.09	-0.37	-0.06	-0.52	-0.49	-0.05
	Dec	-5.90	-0.10	-0.41	-0.08	-0.30	-0.04	0.02	-0.45	-4.94	-0.22	-0.47	-1.58	-0.32	-0.11	-0.15	-0.08	-0.89	0.09	-0.59	-0.06	-0.42	-0.11	-0.04
2021	Jan	-8.80	-0.09	-0.52	-0.08	-0.44	0.03	0.00	-0.51	-7.71	-1.08	-0.68	-1.77	-0.07	-0.03	-0.04	-0.32	-0.90	0.12	-1.89	-0.20	-0.44	-0.42	-0.04
	Feb	-7.68	-0.08	-0.48	-0.12	-0.40	0.05	0.02	-0.29	-6.88	-0.69	-0.53	-1.75	-0.28	0.08	-0.16	-0.17	-0.83	0.12	-1.73	-0.15	-0.40	-0.43	-0.02
	Mar	2.66	-0.05	0.42	-0.06	0.44	0.03	0.04	0.24	2.05	0.63	0.05	-0.90	-0.15	0.18	-0.15	0.30	-0.14	0.14	1.38	1.49	-0.12	-0.24	0.01
	Apr	29.76	0.06	3.81	-0.18	3.68	0.29	0.14	3.54	22.30	5.48	1.16	1.89	0.77	0.67	0.11	1.60	1.29	0.15	4.22	3.95	0.63	0.85	0.10
	May	27.04	0.06	3.03	-0.18	2.82	0.37	0.13	2.97	20.98	4.21	0.95	2.60	0.87	0.40	0.14	1.60	1.31	0.12	4.10	4.04	0.86	0.27	0.10
	Jun	16.68	0.05	1.19	-0.32	1.45	0.12	0.07	1.75	13.74	1.32	0.58	2.32	0.46	0.26	0.16	1.26	0.67	0.10	3.21	3.11	0.62	0.15	0.08
	Jul	8.17	0.03	0.52	-0.13	0.65	-0.01	0.07	0.69	6.95	0.27	0.36	1.06	0.32	0.17	-0.01	0.71	0.54	0.09	1.59	1.97	0.50	-0.30	0.04
	Aug	6.28	0.01	0.41	0.01	0.41	-0.07	0.07	0.46	5.42	0.15	0.35	0.65	0.39	0.12	-0.01	0.72	0.52	0.09	0.75	1.37	0.56	-0.09	0.01
	Sep	5.60	0.00	0.23	0.02	0.25	-0.10	0.05	0.36	5.05	0.02	0.34	0.98	0.28	-0.02	-0.04	0.72	0.56	0.10	0.05	1.49	0.51	0.13	0.00
	Oct	4.86	0.00	0.01	-0.03	0.10	-0.09	0.05	0.16	4.74	0.05	0.38	1.14	0.15	-0.05	-0.09	0.45	0.63	0.08	-0.09	1.40	0.52	0.18	0.02
	Nov	7.52	0.00	-0.03	-0.02	-0.01	-0.07	0.08	0.22	7.42	0.75	0.54	1.95	0.30	-0.02	-0.07	0.73	0.79	0.04	0.19	1.47	0.61	0.10	0.03