Office for National Statistics

Statistical bulletin

GDP monthly estimate, UK: December 2023

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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Release date:
15 February 2024

Next release:
13 March 2024

Table of contents

1 . Main points

- Real gross domestic product (GDP) is estimated to have fallen by 0.3% in the three months to December 2023, compared with the three months to September 2023.

- On a quarterly basis, this gives two consecutive falls in GDP, with a fall of 0.3% in Quarter 4 (Oct to Dec) 2023 following an unrevised fall of 0.1% in Quarter 3 (July to Sept) 2023. For further details, see our GDP first quarterly estimate: October to December 2023 bulletin.

- Monthly GDP is estimated to have fallen by 0.1% in December 2023, following a growth of 0.2% in November (revised down from 0.3% growth) and a fall of 0.5% in October (revised down from a 0.3% fall).

- Services output fell by 0.1% in December 2023, and in the three months to December 2023 services output fell by 0.2%.

- Production output grew by 0.6% in December 2023, but in the three months to December 2023 production output fell by 1.0%.

- Construction output fell by 0.5% in December 2023, and in the three months to December 2023 construction output fell by 1.3%.

- Output GDP is estimated to have annual growth of 0.4% in 2023 compared with 2022; this figure is measured differently to the 0.1% annual growth in 2023 in our GDP first quarterly estimate for October to December 2023, which uses average GDP.

2 . Monthly GDP

Real gross domestic product (GDP) is estimated to have fallen by 0.3% in the three months to December 2023, compared with the three months to September 2023. All main sectors fell in this period: services output by 0.2%, production output by 1.0%, and construction output by 1.3%.

On a quarterly basis this gives two consecutive falls in GDP, with a fall of 0.3% in Quarter 4 (Oct to Dec) 2023 following an unrevised fall of 0.1% in Quarter 3 (July to Sept) 2023. For further details, see our GDP first quarterly estimate: October to December 2023 bulletin.

Monthly GDP is estimated to have fallen by 0.1% in December 2023, following growth of 0.2% in November 2023 (revised down from a 0.3% growth in our previous publication) and a fall of 0.5% in October 2023 (revised down from a fall of 0.3% in our previous publication). For an overview of revisions in this release, see Section 7: Revisions to monthly GDP.

It is important to note that early estimates of GDP are subject to revision (positive and negative). For more information, see our Why GDP figures are revised article.

Figure 1: UK GDP is estimated to have fallen by 0.1% in December 2023, and in the three months to December 2023 has fallen by 0.3%

Monthly index, January 2007 to December 2023, UK

Figure 1: UK GDP is estimated to have fallen by 0.1% in December 2023, and in the three months to December 2023 has fallen by 0.3%

Monthly index, January 2007 to December 2023, UK
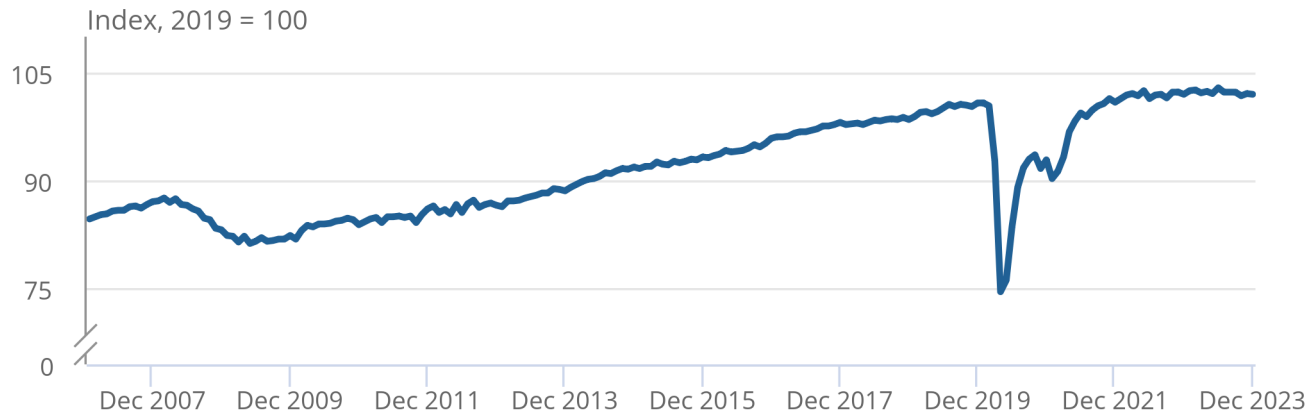
Source: GDP monthly estimate from the Office for National Statistics

Output in services fell by 0.1% in December 2023 and was the largest contributing sector to the fall in monthly GDP. Production output grew by 0.6% on the month, while construction fell by 0.5%.

Figure 2: The services sector was the main contributor to the 0.1% fall in GDP in December 2023

Contributions to monthly GDP growth, December 2022 to December 2023, UK

Figure 2: The services sector was the main contributor to the 0.1% fall in GDP in December 2023

Contributions to monthly GDP growth, December 2022 to December 2023, UK
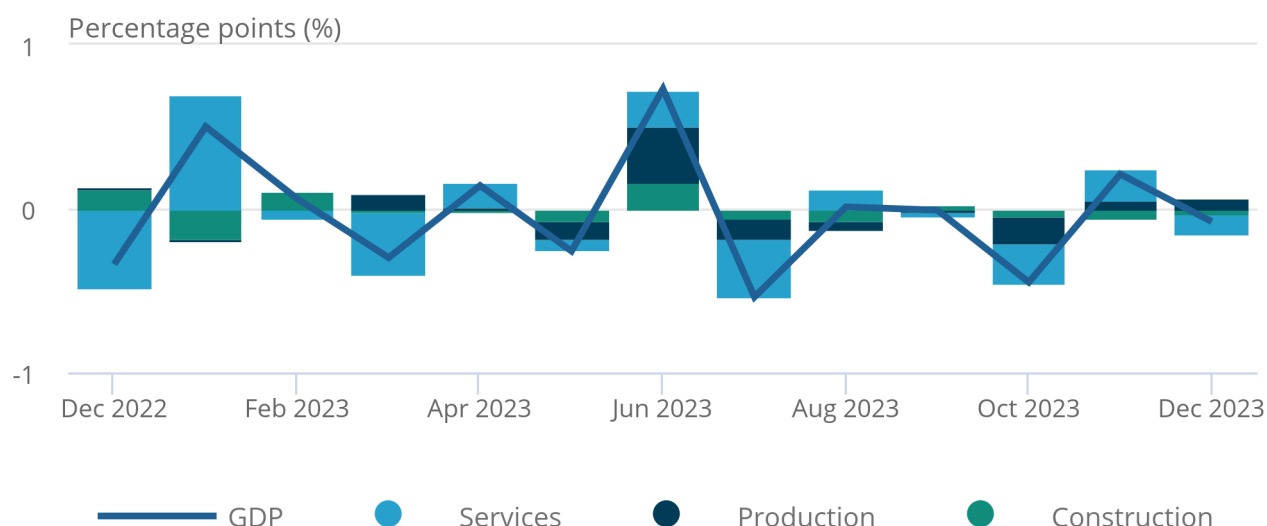
Source: GDP monthly estimate from the Office for National Statistics

GDP is estimated to have shown no growth in December 2023 compared with the same month last year. Looking more broadly, GDP is estimated to have fallen by 0.3% in the three months to December 2023 compared with the three months to December 2022.

Annual output GDP growth is estimated to be 0.4% in 2023. This figure is measured differently to the 0.1% annual growth in 2023 in our GDP first quarterly estimate: October to December 2023 bulletin, which uses average GDP. Services output grew by 0.3% in 2023 and was the largest contributor to output GDP annual growth over this period. Production output fell by 0.3% in 2023 and construction output grew by 2.0% in 2023.

This release includes revisions to monthly data from January 2023 to November 2023 and is consistent with the output data in our GDP first quarterly estimate: October to December 2023 bulletin published on the same day. For an overview of revisions in this release, see Section 7: Revisions to monthly GDP.

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3 . The services sector

Overall, the services sector is estimated to have fallen by 0.2% in the three months to December 2023 compared with the three months to September 2023, with 8 of the 14 subsectors declining over this period.

The largest negative contributors to services output in this three-month period were:

- a fall of 0.6% in the wholesale and retail trade; repair of motor vehicles and motorcycles subsector

- a fall of 0.8% in education

- a fall of 2.4% in other service activities

These falls were partially offset by growth in 5 of the 14 services subsectors over the same period, with the largest positive contribution coming from growth of 0.6% in administrative and support service activities.

On the month, services output is estimated to have fallen by 0.1% in December 2023 following a growth of 0.2% in November 2023 (revised down from a 0.4% growth in our previous publication). Of the 14 subsectors, 8 experienced falls on the month. Figure 3 shows both the monthly and the three-month contributions from the services sector to gross domestic product (GDP) in December 2023.

Figure 3: The wholesale and retail trade; repair of motor vehicles and motorcycles subsector was the largest contributor to the fall in services in December 2023 and the three months to December 2023

Monthly and three-month services contributions to GDP, December 2023

Figure 3: The wholesale and retail trade; repair of motor vehicles and motorcycles subsector was the largest contributor to the fall in services in December 2023 and the three months to December 2023

Monthly and three-month services contributions to GDP, December 2023
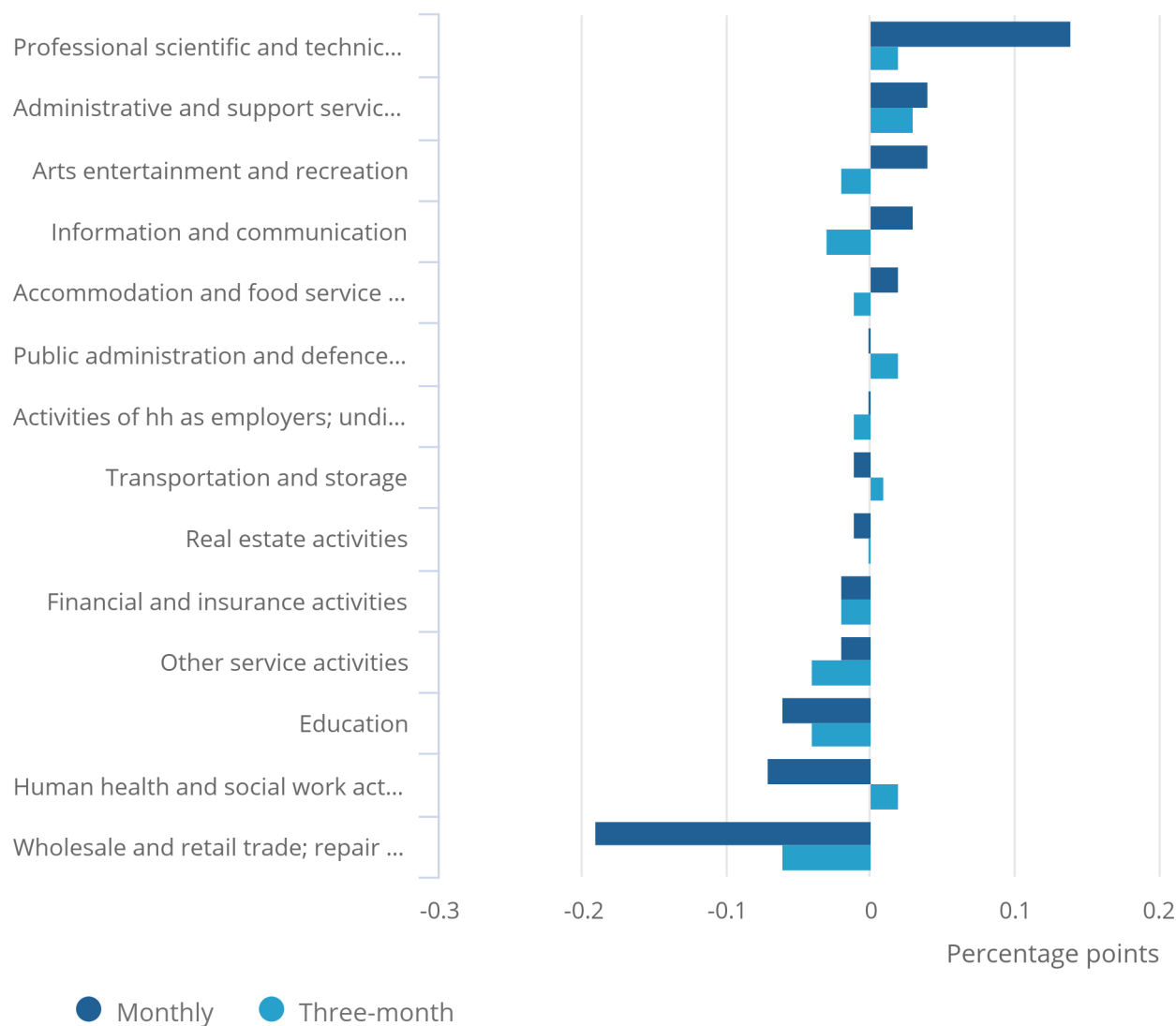
Source: GDP monthly estimate from the Office for National Statistics

The main driver to the 0.1% monthly fall in services in December 2023 was wholesale and retail trade; repair of motor vehicles and motorcycles, which saw a 1.9% fall on the month. This followed growth of 0.4% in November 2023. Two of the three industries within wholesale and retail trade; repair of motor vehicles and motorcycles fell in December 2023, with the largest contributor coming from retail trade, except of motor vehicles and motorcycles, which fell by 3.2%. For more information, see our Retail sales, Great Britain: December 2023 bulletin.

Human health and social work activities fell by 0.9% in December 2023 following growth of 0.2% in November 2023. Human health activities fell by 1.4% and was the largest contributor to this fall in December 2023. In December 2023 there were three days of industrial action by junior doctors and hospital dental trainees after no industrial action took place in November 2023. During the industrial action in December 2023, 86,329 inpatient procedures and outpatient appointments were rescheduled as reported by [NHS England](#).

Education also saw a fall on the month, down by 1.0%, with attendance levels at schools dropping compared with November 2023.

These falls were partially offset by a monthly growth of 1.7% in professional, scientific and technical activities, where six of the eight subsectors saw growth on the month. The largest contributions came from architectural and engineering activities; technical testing and analysis (up 3.4%), legal activities (up 2.6%) and scientific research and development (up 3.8%).

An overview of data sources used in our estimates of service output can be found in our [GDP(o) data sources catalogue](#).

The monthly business survey (MBS) is used for 42.9% of the services sector by industry weight. In December 2023 the turnover response rate for the MBS element of the services sector was 80.9%. We would expect this to increase over time as more responses are received, and any new data will be included in future monthly GDP releases. For context, the average turnover response rate for the services sector in 2022 now stands at 97.0%.

Consumer-facing services

Consumer-facing services fell by 0.7% in the three months to December 2023 compared with the three months to September 2023. The largest contribution to the fall over this period were falls of 2.1% in food and beverage service activities, 0.9% in retail trade, except of motor vehicles and motorcycles, and 3.4% in the other personal service activities industry.

Output in consumer-facing services fell by 0.8% in December 2023, following growth of 0.7% in November 2023 (Figure 4). The largest negative contribution in December 2023 came from retail trade, except of motor vehicles and motorcycles, which fell by 3.2% as published in our Retail sales, Great Britain: December 2023 bulletin. The largest positive contribution to consumer-facing services in December 2023 came from accommodation, which grew by 3.6% in December 2023.

Figure 4: Consumer-facing services fell by 0.8% in December 2023 and by 0.7% in the three months to December 2023

Monthly index of services, February 2020 to December 2023, UK

Figure 4: Consumer-facing services fell by 0.8% in December 2023 and by 0.7% in the three months to December 2023

Monthly index of services, February 2020 to December 2023, UK
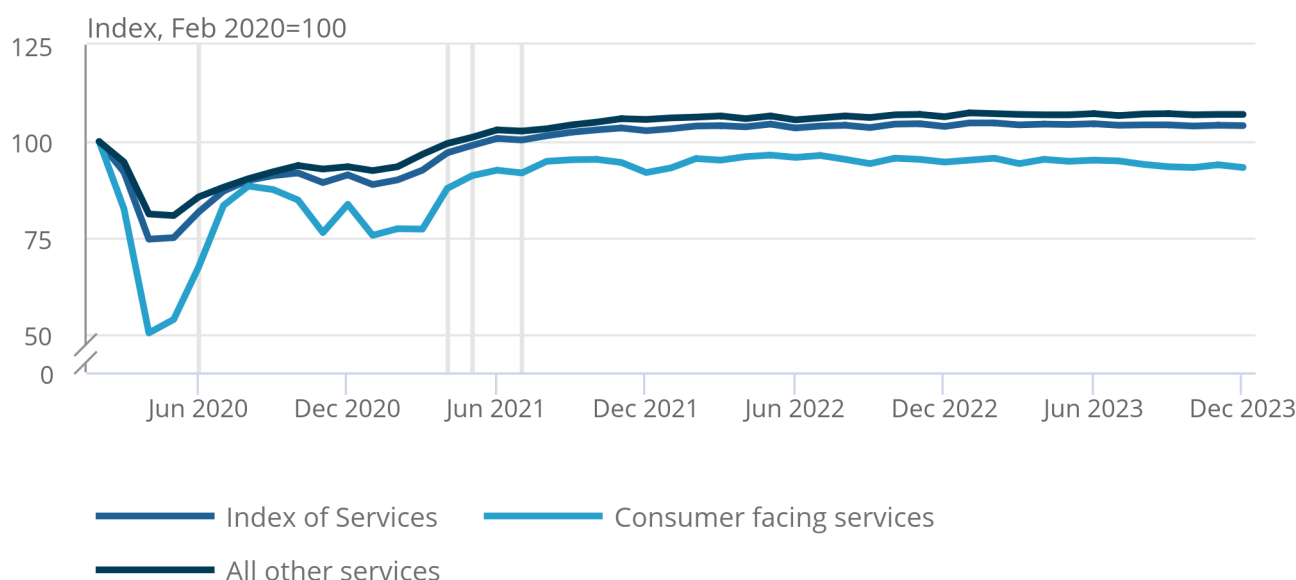
Consumer-facing services were 6.7% below their pre-coronavirus (COVID-19) levels (February 2020) in December 2023, with 10 of 13 industries lower (Figure 5).

Figure 5: Out of 13 consumer-facing service industries, 10 remain below their pre-coronavirus (COVID-19) pandemic levels (February 2020) in December 2023

Monthly consumer-facing services index, January 2019 to December 2023, UK

For more detailed breakdowns on services, see our Index of Services, UK: December 2023 bulletin.

4 . The production sector

Production output is estimated to have fallen by 1.0% in the three months to December 2023 compared with the three months to September 2023 (Figure 6). This was driven by a 0.9% fall in manufacturing, with 10 out of 13 manufacturing subsectors declining over this period. Electricity, gas, steam and air conditioning supply fell by 2.6%, mining and quarrying fell by 3.0%, and water supply, sewerage, waste management and remediation activities grew by 0.5% over the same period.

On the month, production output is estimated to have grown by 0.6% in December 2023, driven by growth in manufacturing output (Figure 6). This monthly growth in production follows a 0.5% growth in November 2023 (revised up from a 0.3% growth in our previous publication) and a fall of 1.4% in October (revised down from a fall of 1.3% in our previous publication).

Figure 6: Production output grew by 0.6% in December 2023, but fell by 1.0% in the three months to December 2023

Monthly index, January 2022 to December 2023, UK

Figure 6: Production output grew by 0.6% in December 2023, but fell by 1.0% in the three months to December 2023

Monthly index, January 2022 to December 2023, UK
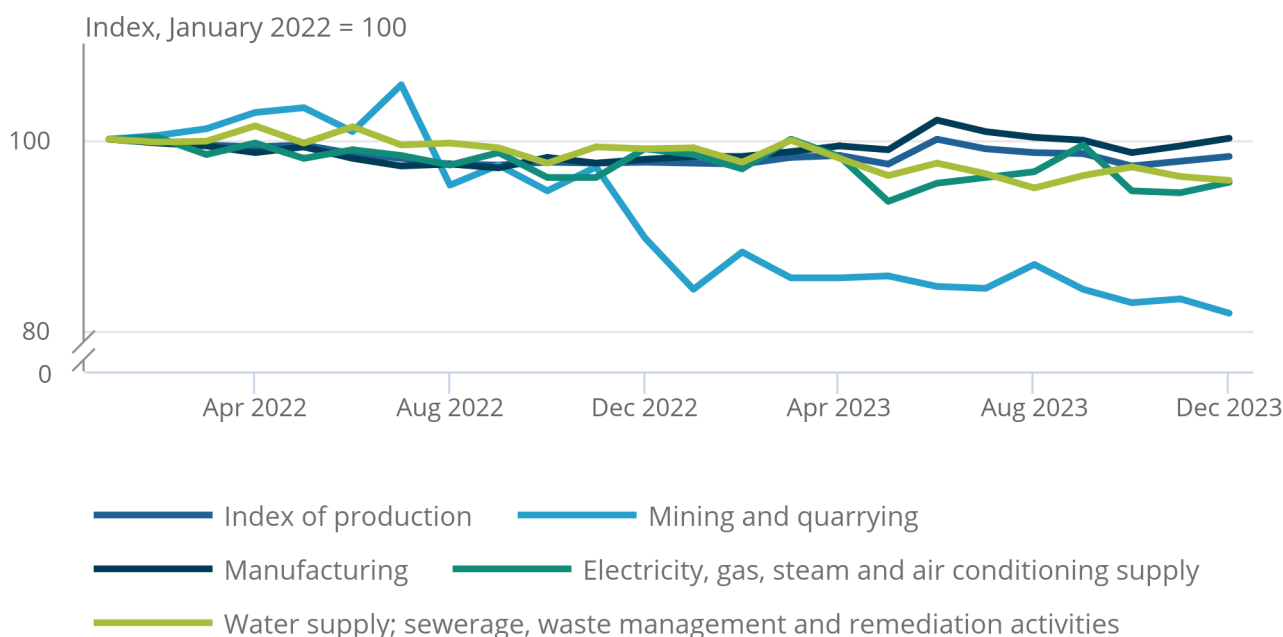
Source: GDP monthly estimate from the Office for National Statistics

Notes:

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

Mining and quarrying output fell by 1.8% in December 2023, after growth of 0.5% in November 2023. The December fall was driven by a 1.9% decline in output in the extraction of crude petroleum and natural gas industry.

Electricity, gas, steam and air conditioning supply grew by 1.1% in December 2023 after a fall of 0.2% in November 2023. The largest positive contribution in December 2023 came from manufacture of gas; distribution of gaseous fuels through mains; steam and aircon supply with growth of 13.3%. This was the strongest growth in this industry since December 2021, following four consecutive monthly falls in August to November 2023.

Water supply, sewerage, waste management and remediation activities fell by 0.4% in December 2023, mainly driven by a 2.1% fall in waste collection, treatment and disposal activities; materials recovery.

Manufacturing grew by 0.8% in December 2023, with growth in 9 of the 13 subsectors, following growth of 0.8% in November 2023. The largest positive contributions in December came from manufacture of transport equipment (up 2.3%), basic pharmaceutical products and pharmaceutical preparations (up 3.0%), and manufacture of basic metals and metal products (up 1.4%). Both the monthly and three-month contributions are shown in Figure 7.

Figure 7: Manufacturing output grew by 0.8% in December 2023, but fell by 0.9% in the three months to December 2023

Monthly and three-month manufacturing subsectors contributions to manufacturing output, December 2023, UK

Figure 7: Manufacturing output grew by 0.8% in December 2023, but fell by 0.9% in the three months to December 2023

Monthly and three-month manufacturing subsectors contributions to manufacturing output, December 2023, UK

Percentage points

● Monthly ● Three-month
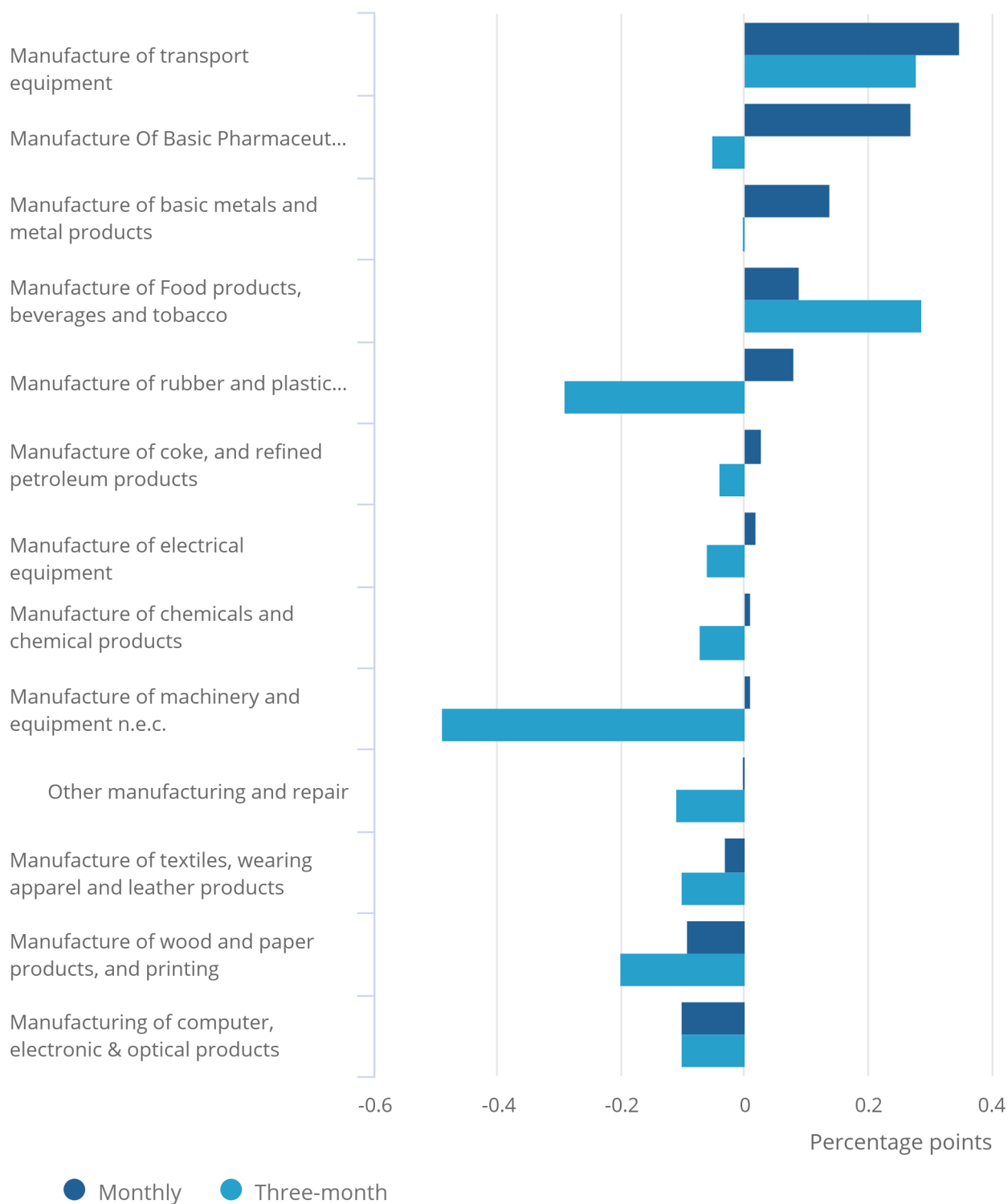
Source: GDP monthly estimate from the Office for National Statistics

Notes:

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

The monthly business survey (MBS) is used for 75.9% of the production sector by industry weight. In December 2023 the turnover response rate for the MBS element of the production sector was 79.7%. We would expect this to increase over time as more responses are received, and any new data will be included in future monthly gross domestic product (GDP) releases. For context, the average turnover response rate for the production sector in 2022 now stands at 96.9%.

For a full set of data sources used in monthly GDP, see our GDP(o) data source catalogue.

For more detailed breakdowns on production, see our Index of Production, UK: December 2023 bulletin.

5 . The construction sector

Construction output is estimated to have fallen 1.3% in the three months to December 2023 compared with the three months to September 2023. New work decreased by 5.0% over the period, while repair and maintenance rose by 4.0%. Within new work, the largest contributor to the decrease came from private new housing, which decreased by 8.0%.

In December 2023, monthly construction output is estimated to have decreased 0.5% in volume terms. This is the third consecutive fall in monthly construction output. The decrease in monthly output in December 2023 came solely from a decrease in new work (1.1% fall), with repair and maintenance increasing on the month (0.4%).

Three out of the nine sectors saw a decrease on the month. The main contributors to the monthly decrease at the sector level were infrastructure new work, and private housing repair and maintenance, which decreased 6.4% and 1.1%, respectively.

Figure 8: Monthly all work construction output saw a decrease in December 2023 and in the three months to December 2023

Monthly all work index, chained volume measure, seasonally adjusted, Great Britain, January 2010 to December 2023

Figure 8: Monthly all work construction output saw a decrease in December 2023 and in the three months to December 2023

Monthly all work index, chained volume measure, seasonally adjusted, Great Britain, January 2010 to December 2023
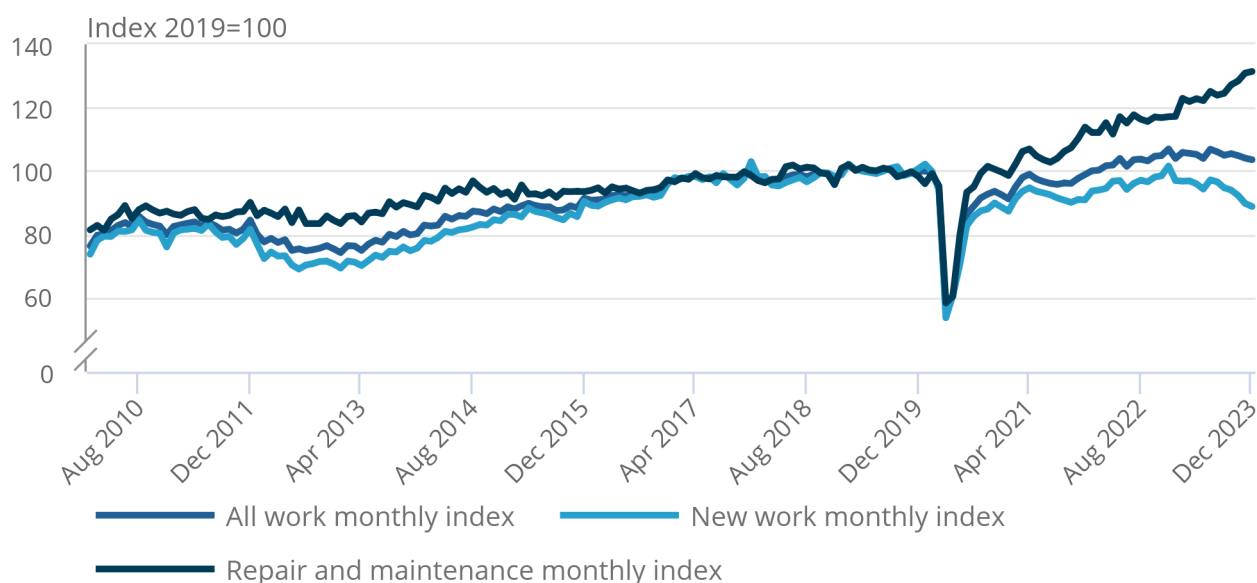
Construction data are sourced from our Monthly Business Survey (MBS). For December 2023, the MBS turnover response rate for construction was 74.8%. We would expect this to increase over time as more responses are received, and any new data will be included in future monthly gross domestic product (GDP) releases. For context, the average turnover response rate in 2022 now stands at 94.5%.

For further details on construction output growth rates, along with new orders in the construction industry and construction output prices, see our [Construction output in Great Britain: December 2023, new orders and Construction Output Price Indices, October to December 2023 bulletin](#).

6 . Cross-industry themes

There were some common themes that were anecdotally reported to have played a part in performance across different industries (as part of the Monthly Business Survey for production and services). However, it is difficult to quantify the exact impact.

Comments provided by businesses to the MBS for December 2023 suggested some industries may have been affected by changes in consumer behaviour this year in comparison with the previous year. For example, bringing forward expenditure to earlier months to take account of discounts. These industries include retail, wholesale, warehousing and postal and courier activities. Most of these sectors saw positive monthly growth in November 2023 followed by weakness in December 2023.

Similar to previous months, the lack of demand for construction products was also prevalent with monthly declines across mining and quarrying, manufacture of paints and varnishes, cement and plaster, and iron and steel in December 2023. This supports the three consecutive monthly falls in construction output across Quarter 4 (Oct to Dec) 2023.

The automotive industry saw increases in both the manufacturing and retail parts of the sector on the month in December 2023, and also strength across Quarter 4 2023. Anecdotal evidence to the survey suggest some of the supply side constraints experienced in the previous 12 to 18 months have reduced and helped the industry return to growth.

7 . Revisions to monthly GDP

This release gives data for December 2023 for the first time and revisions to monthly data from January 2023 to November 2023, consistent with our [Gross domestic product (GDP) first quarterly estimate: October to December 2023 bulletin](#) published on the same day. Table 1 shows the revisions to monthly GDP and main sectors for 2023, since the last monthly publication on 12 January 2024.

Table 1: Revisions to month-on-month growth for GDP and its sectors
Percentage points, January to November 2023, UK

	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023
GDP	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1
Services	-0.1	-0.1	0.0	0.0	0.1	0.1	0.0	0.0	-0.1	-0.2	-0.2
Production	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2
Construction	-0.2	-0.2	0.0	0.0	-0.1	0.1	-0.2	-0.2	-0.1	-0.2	-0.5

Source: Monthly GDP estimate from the Office for National statistics

Notes

1. Revisions are rounded to 1 decimal place and calculated based on the 1 decimal place indexes.

2. Further information on current and past revisions can be found in our Revision triangles dataset.

In services, the revisions in October and November are because of higher quality quarterly estimates for non-market health and education replacing earlier monthly estimates, as well as some late and updated Monthly Business Survey (MBS) data within information and communication. Other revisions to services mainly arise from seasonal adjustment now that a complete year of data are available for 2023.

In production, the revisions are mostly from the manufacturing sector and can be attributed to late and updated MBS data and seasonal adjustment changes now that a complete year of data are available for 2023.

In construction, an improvement has been made to the repair and maintenance deflator from January 2023 onwards. Other revisions are the result of late and updated MBS data and seasonal adjustment changes now that a complete year of data are available for 2023.

The next monthly GDP release on 13 March 2024 will publish data for January 2024 for the first time and no periods will be open for revision, in line with the [National Accounts Revisions Policy](#).

8 . Monthly GDP data

[Monthly gross domestic product by gross value added](link)
Dataset | Released 15 February 2024
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](link)
Dataset | Released 15 February 2024
Contributions to growth within monthly gross domestic product (GDP), UK.

[Monthly gross domestic product: time series](link)
Dataset MGDP | Released 15 February 2024
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](link)
Dataset | Released 15 February 2024
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](link)
Dataset | Released 15 February 2024
Comparison of gross domestic product (GDP) first estimates against estimates published later.

9 . Glossary

10 . Measuring the data

Further information on how we measure the data across our main data sources is available in the following releases:

- [Construction output in Great Britain: December 2023, new orders and Construction Output Price Indices, October to December 2023 bulletin](link)

- [Index of Production, UK: December 2023 bulletin](link)

- [Index of Services, UK: December 2023 bulletin](link)

The main data source for these statistics is the Monthly Business Survey (MBS), and response rates for each can be found in the following datasets:

- [Construction response rates](#)

- [Index of Production response rates](#)

- [Index of Services response rates](#)

The monthly [Gross domestic product (GDP) data sources catalogue](#) provides a full breakdown of the data used in this publication.

In the UK, we produce estimates of monthly and quarterly GDP. However, there are reasons why these would not provide the same estimate as to where the economy is relative to its pre-coronavirus (COVID-19) 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).

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 because of the use of the Annual Business Survey in their compilation.

Consumer-facing services industry classification

The industry breakdown used for consumer-facing services is based on the [UK Standard Industrial Classification](#) (SIC).

The following list contains the full SIC names of industries included in consumer-facing services and their corresponding shortened industry name where this has been used in Figure 5:

- Wholesale and retail trade and repair of motor vehicles and motorcycles — Sales and repairs of motor vehicles

- Retail trade, except of motor vehicles and motorcycles — Retail except motor vehicles

- Rail transport

- Accommodation

- Food and beverage service activities — Food and beverage

- Buying and selling, renting and operating of own or leased real estate, excluding imputed rent — Real estate activities

- Veterinary activities

- Travel agency, tour operator and other reservation service and related activities — Travel and tourism activities

- Gambling and betting services

- Sports activities and amusement and recreation activities — Sports, amusement and recreation

- Activities of membership organisations

- Other personal service activities

- Activities of households as employers of domestic personnel — Households as employers of domestic personnel

Office for Statistics Regulation review of GDP

The Office for Statistics Regulation (OSR) have completed a review of the practices around the preparation and release of information about revisions to estimates of GDP in our Impact of Blue Book 2023 article released on 1 September 2023, as announced by the OSR on 6 September 2023. The outcome of this review can be viewed on the OSR website. This review covered:

- processes and quality assurance in making revisions to GDP

- potential improvements to early estimates of GDP enabled through enhanced access to data

- communication of revisions to GDP, the story behind the most recent set of revisions in particular, and uncertainty in early estimates of GDP

We published a response to the OSR review into GDP in January 2024, which was positively received by the OSR .

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.

Monthly growth rates can be volatile. This indicator 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.

12 . Related links

[Construction output in Great Britain: December 2023, new orders and Construction Output Price Indices, October to December 2023](#)
Bulletin | Released 15 February 2024
Short-term measures of output by the construction industry, contracts awarded for new construction work in Great Britain and a summary of the Construction Output Price Indices (OPIs) in the UK for Quarter 4 (Oct to Dec) 2023.

[Index of Production, UK: December 2023](#)
Bulletin | Released 15 February 2024
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 2023](#)
Bulletin | Released 15 February 2024
Monthly movements in output for the services industries.

[GDP first quarterly estimate, UK: October to December 2023](#)
Bulletin | Released 15 February 2024
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.

[GDP revisions in Blue Book: 2023](#)
Article | Released 31 October 2023
GDP revisions in annual and quarterly rounds, focusing on revisions in Blue Book 2023. Compares revisions before and during the coronavirus (COVID-19) pandemic.

[Impact of Blue Book 2023 changes on gross domestic product](#)
Article | Released 1 September 2023
Impact of methodological and data improvements on current price and chain volume measure of quarterly gross domestic product (GDP), 1997 to 2021.

[Coronavirus and the effects on UK 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.

13 . Cite this statistical bulletin

Office for National Statistics (ONS), released 15 February 2024, ONS website, statistical bulletin, [GDP monthly estimate, UK: December 2023](#)

GVA1

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

seasonally adjusted 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 [6]	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
Section	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2019 weights	1000	7	136	11	98	15	12	62	794	102	41	30	63	82	131	75	52	49	58	77	15	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
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	90.0	90.7	102.3	100.1	102.2	105.0	101.6	87.4	88.1	84.4	68.4	62.2	106.0	98.4	99.5	96.0	84.8	94.8	79.6	70.0	71.2	82.7	77.9
2021	97.6	84.6	98.3	76.7	103.8	71.3	106.0	96.0	97.7	100.4	74.7	81.6	114.6	103.8	101.1	105.4	91.7	96.8	90.5	94.5	82.8	90.9	74.4
2022	101.9	85.8	95.0	75.9	100.4	63.4	106.4	102.5	103.2	101.0	84.9	101.2	121.8	104.8	101.7	111.3	97.8	100.5	100.2	104.8	97.5	98.9	79.9
2023	102.3	85.6	94.6	65.0	101.7	62.2	103.6	104.5	103.6	99.1	83.8	99.9	123.5	104.1	101.2	112.1	103.5	101.2	102.3	104.0	104.1	101.8	69.8
	ECY2	ECY3	ECY4	ECY5	ECY6	ECY7	ECY8	ECY9	ECYC	ECYD	ECYG	ECYH	ECYI	ECYJ	ECYK	ECYL	ECYP	ECYQ	ECYR	ECYS	ECYT	ECYU	ECYV
2021 Dec	100.9	84.9	96.8	73.3	103.2	63.3	106.3	98.3	102.0	102.1	82.0	84.2	116.9	106.4	101.2	107.0	94.5	98.6	95.9	114.5	92.2	94.5	85.5
2022 Jan	101.4	85.0	96.4	76.7	102.2	64.4	106.7	99.5	102.5	103.6	83.7	90.2	120.8	105.3	101.2	107.1	94.3	99.2	99.6	109.6	91.9	96.2	82.4
Feb	101.9	85.6	96.1	77.0	101.8	64.5	106.4	99.7	103.2	102.3	84.3	101.9	122.2	105.0	101.4	107.8	95.9	99.9	99.9	110.2	93.6	95.2	82.7
Mar	102.1	85.9	95.8	77.5	101.4	63.4	106.5	101.2	103.3	101.3	84.7	103.0	120.4	105.0	101.5	108.9	96.7	100.0	99.3	110.9	97.8	96.7	78.3
Apr	101.8	85.9	95.7	78.9	100.7	64.2	108.2	101.4	103.0	102.3	83.4	103.5	120.7	104.8	101.7	109.5	97.0	99.8	100.1	104.9	99.2	95.3	80.9
May	102.5	86.1	95.9	79.2	101.3	63.2	106.3	103.5	103.6	101.0	84.3	104.2	121.9	105.2	101.9	112.7	98.8	99.6	100.6	105.7	101.1	98.2	83.2
Jun	101.4	86.2	95.0	77.3	100.1	63.7	108.1	100.9	102.7	100.0	83.7	104.4	120.5	105.3	101.8	111.5	96.5	99.8	100.5	101.1	100.3	97.8	86.0
Jul	101.9	86.3	94.5	81.1	99.3	63.3	106.1	103.0	103.2	100.3	87.6	103.5	121.7	105.6	101.8	111.3	97.6	100.5	100.8	101.7	97.8	100.1	80.4
Aug	102.0	86.1	94.0	73.0	99.5	62.7	106.3	103.3	103.4	100.7	86.2	100.9	123.0	105.1	101.9	113.0	98.6	101.2	100.4	102.1	97.4	100.6	76.7
Sep	101.5	85.7	93.8	74.7	99.1	63.5	105.8	102.6	102.8	99.1	86.8	99.8	120.8	104.0	101.8	112.1	97.5	101.5	100.2	102.9	96.2	102.1	76.5
Oct	102.3	85.7	94.2	72.5	100.2	61.9	104.1	104.1	103.7	100.9	87.1	100.6	122.0	103.8	102.0	114.3	99.4	101.5	100.7	103.2	102.1	101.6	78.3
Nov	102.3	85.5	94.0	74.5	99.6	61.9	105.8	104.3	103.7	100.5	85.1	101.5	123.7	104.2	101.6	113.5	100.6	101.4	101.0	103.9	99.1	101.7	78.8
Dec	102.0	85.5	94.1	68.8	100.0	63.8	105.6	106.5	103.1	99.7	82.4	100.4	124.1	104.7	101.5	113.7	100.8	101.3	99.1	101.3	96.8	101.9	74.7
2023 Jan	102.5	85.5	94.0	64.7	100.3	63.4	105.8	103.5	104.0	100.3	87.9	100.8	125.6	105.2	101.5	112.3	102.4	101.3	101.6	102.6	99.9	103.5	71.7
Feb	102.6	85.6	93.9	67.7	100.3	62.4	104.2	105.3	104.0	99.8	85.1	101.0	125.3	105.3	101.5	112.6	103.8	100.3	101.1	103.1	101.5	105.5	69.5
Mar	102.2	85.6	94.6	65.6	100.9	64.5	106.6	105.0	103.5	98.3	83.7	99.0	123.7	105.0	101.7	112.5	102.6	100.4	102.3	102.8	103.6	103.7	70.8
Apr	102.4	85.5	94.8	65.6	101.5	63.3	104.6	104.7	103.7	99.1	83.6	101.5	124.5	104.7	101.5	112.1	103.3	100.6	101.9	102.7	103.9	103.8	72.4
May	102.1	85.5	93.9	65.8	101.0	60.2	102.7	103.5	103.6	98.9	83.3	99.7	124.7	104.0	101.4	112.1	102.3	101.9	102.4	103.0	105.8	102.1	73.5
Jun	102.9	85.5	96.4	64.9	104.2	61.5	104.1	106.4	103.8	99.5	83.8	100.7	125.1	105.3	101.2	111.0	104.9	101.1	103.0	104.8	104.2	102.4	72.6
Jul	102.3	85.6	95.4	64.8	102.9	61.8	102.9	105.6	103.4	99.2	82.7	99.9	122.2	103.6	100.9	111.9	103.7	101.3	101.2	103.6	111.3	102.9	71.6
Aug	102.3	85.7	95.1	66.7	102.4	62.2	101.3	104.5	103.5	99.6	83.0	98.9	122.4	103.8	101.1	112.3	103.3	101.5	104.0	104.1	103.1	100.3	70.8
Sep	102.3	85.8	95.0	64.7	102.0	64.0	102.6	104.9	103.5	98.8	82.9	99.7	122.5	103.7	100.6	112.0	103.3	101.6	104.0	105.7	102.4	100.5	68.8
Oct	101.8	85.8	93.7	63.6	100.7	60.9	103.6	104.3	103.2	99.0	83.0	99.1	120.8	103.7	100.9	111.3	104.0	101.7	103.1	104.9	102.2	98.4	66.3
Nov	102.1	85.8	94.2	63.9	101.5	60.8	102.5	103.6	103.6	99.4	83.2	99.1	122.1	103.6	100.9	111.9	103.7	101.8	102.4	105.1	104.0	99.8	64.6
Dec	102.0	85.8	94.7	62.7	102.3	61.5	102.1	103.1	103.3	97.5	83.1	99.7	122.6	103.2	100.8	113.7	104.5	101.9	101.4	104.1	107.0	98.3	64.4

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
2019	1.8	16.8	1.7	1.8	0.5	12.4	0.2	0.6	1.8	-0.6	2.8	1.6	9.1	-2.7	1.8	2.4	1.5	3.9	5.6	-1.4	3.7	-0.5	6.4
2020	-10.0	-9.3	2.3	0.1	2.2	5.0	1.6	-12.6	-11.9	-15.6	-31.6	-37.8	6.0	-1.6	-0.5	-4.0	-15.2	-5.2	-20.4	-30.0	-28.8	-17.3	-22.1
2021	8.4	-6.8	-3.9	-23.4	1.6	-32.1	4.4	9.8	10.9	18.9	9.2	31.3	8.1	5.4	1.6	9.8	8.2	2.0	13.7	35.0	16.3	9.9	-4.5
2022	4.4	1.5	-3.4	-1.0	-3.3	-11.2	0.3	6.8	5.6	0.6	13.7	24.0	6.3	1.0	0.6	5.6	6.6	3.9	10.7	10.9	17.8	8.9	7.4
2023	0.4	-0.2	-0.3	-14.3	1.2	-1.8	-2.6	2.0	0.3	-1.8	-1.4	-1.2	1.3	-0.7	-0.5	0.8	5.8	0.7	2.1	-0.8	6.7	2.9	-12.7

Percentage change, latest 3 months on previous 3 months

	ED3H	ED3I	ED3J	ED3K	ED3L	ED3M	ED3N	ED3O	ED3P	ED3Q	ED3R	ED3S	ED3T	ED3U	ED3V	ED3W	ED3X	ED3Y	ED3Z	ED42	ED43	ED44	ED9R
2021 Dec	1.3	0.3	-0.5	-5.3	-0.1	-2.2	0.8	1.5	1.6	-0.5	5.5	-10.5	1.2	3.1	0.3	-1.1	2.2	0.0	0.3	11.4	4.2	8.0	19.5
2022 Jan	1.0	-1.0	0.6	-7.7	0.9	4.6	0.8	3.1	0.9	-1.3	4.9	-14.0	1.9	2.0	0.1	0.9	0.8	0.8	1.5	6.2	1.8	1.3	23.4
Feb	0.6	-1.0	0.6	-1.9	0.2	7.0	0.6	3.1	0.4	-1.9	4.0	-8.2	2.9	0.4	0.1	1.4	-0.2	1.3	2.7	1.0	1.5	-2.8	13.6
Mar	0.8	-0.4	0.0	3.0	-0.7	5.1	0.0	3.2	0.7	-1.4	3.7	6.2	3.2	-0.9	0.1	2.1	0.4	1.6	3.9	-2.7	2.9	-1.8	1.4
Apr	0.7	0.6	-0.7	4.3	-1.5	1.6	0.5	2.4	0.8	-1.3	2.1	14.5	2.2	-1.1	0.3	1.7	1.8	1.2	2.8	-3.6	5.2	-0.8	-2.8
May	0.7	0.9	-0.7	3.8	-1.2	-0.8	0.5	2.8	0.7	-1.1	1.0	12.5	0.9	-0.6	0.4	2.8	2.7	0.6	1.5	-3.8	6.3	1.4	-3.3
Jun	0.1	0.7	-0.6	1.8	-1.0	-0.7	0.9	1.8	0.1	-1.3	-0.5	5.8	-0.1	0.0	0.5	3.1	1.9	0.1	0.8	-5.7	5.1	1.1	2.7
Jul	0.0	0.5	-0.8	1.8	-1.0	-1.0	-0.2	1.7	0.0	-1.5	1.2	1.2	0.2	0.4	0.3	2.9	1.1	0.1	0.9	-5.4	2.0	3.1	3.1
Aug	-0.3	0.3	-1.3	-1.8	-1.5	-0.5	-0.1	0.4	-0.2	-1.2	2.0	-0.6	0.6	0.3	0.1	1.4	0.1	0.7	0.6	-5.2	0.1	2.9	0.3
Sep	-0.1	0.0	-1.5	-2.8	-1.4	-0.8	-1.4	1.0	0.0	-1.1	3.7	-2.5	0.7	-0.2	0.0	0.8	0.5	1.3	0.1	-1.6	-2.1	4.0	-6.6
Oct	0.0	-0.4	-1.2	-7.3	-0.7	-1.1	-1.3	0.8	0.1	-0.2	1.7	-3.5	0.5	-1.0	0.0	1.1	0.9	1.4	-0.3	-0.1	-0.2	2.8	-7.2
Nov	0.3	-0.7	-0.5	-4.2	0.0	-1.3	-1.5	1.3	0.3	-0.2	0.6	-2.2	0.4	-1.3	0.0	1.2	1.7	1.0	0.0	1.7	0.6	2.3	-3.9
Dec	0.4	-0.5	0.0	-5.7	0.7	-1.0	-0.8	1.9	0.4	0.4	-2.3	-0.5	1.2	-0.6	-0.1	1.5	2.4	0.4	-0.2	0.5	2.3	0.8	-0.8
2023 Jan	0.3	-0.4	0.0	-5.6	0.4	0.5	0.3	1.4	0.3	0.0	-1.8	0.5	2.1	0.4	-0.4	0.1	2.8	-0.1	0.1	-0.2	0.1	0.9	-2.7
Feb	0.3	-0.1	0.0	-9.3	0.6	1.3	0.0	1.3	0.3	-0.2	-1.4	0.1	2.3	1.0	-0.3	-0.3	3.2	-0.5	0.0	-1.0	0.3	1.8	-7.5
Mar	0.2	0.0	0.1	-8.3	0.6	1.5	0.3	-0.4	0.3	-0.9	0.8	-0.6	1.3	0.9	-0.1	-1.2	2.7	-0.7	1.4	0.0	2.4	2.5	-8.5
Apr	0.1	0.1	0.4	-4.4	0.9	0.6	-0.6	0.3	0.1	-1.1	-1.2	-0.4	0.0	0.3	0.0	-0.7	1.9	-0.9	1.2	0.3	4.5	1.9	-5.5
May	-0.1	0.0	0.5	-2.1	0.9	-0.9	-0.6	-0.6	-0.1	-1.1	-1.9	-0.7	-0.6	-0.4	0.0	-0.6	0.4	-0.4	1.4	0.9	5.1	-0.4	0.3
Jun	0.0	0.0	0.9	-0.9	1.7	-2.8	-1.6	0.2	-0.1	-0.3	-2.3	0.4	-0.1	-1.1	-0.2	-0.7	0.5	0.1	0.6	1.0	2.9	-1.4	3.0
Jul	0.0	-0.1	0.9	-1.7	1.8	-3.5	-1.8	0.1	-0.1	0.1	-1.0	-0.4	-0.4	-1.3	-0.4	-0.7	0.4	0.6	0.2	1.3	4.0	-1.8	2.3
Aug	0.2	0.1	1.3	-0.3	2.0	-1.3	-1.8	1.0	0.0	0.7	-0.4	-0.2	-0.9	-1.0	-0.5	-0.4	1.2	0.7	0.7	0.9	1.7	-1.3	-0.8
Sep	-0.1	0.2	0.1	-0.1	0.2	1.7	-1.5	0.1	-0.2	0.1	-0.8	-1.1	-1.9	-0.3	-0.5	0.3	-0.1	0.7	0.8	0.5	0.9	-1.5	-3.3
Oct	-0.3	0.3	-0.7	-0.3	-1.0	2.0	-0.7	-0.5	-0.2	-0.1	-0.4	-0.8	-1.7	0.1	-0.3	0.2	-0.1	0.5	1.7	0.6	-4.2	-2.6	-5.4
Nov	-0.4	0.2	-1.4	-2.1	-1.7	0.1	0.2	-1.1	-0.2	-0.4	-0.2	-0.5	-1.2	0.1	-0.3	0.0	-0.2	0.4	0.4	1.0	-3.1	-2.3	-7.1
Dec	-0.3	0.2	-1.0	-3.0	-0.9	-2.6	0.5	-1.3	-0.2	-0.6	0.3	-0.2	-0.4	-0.2	0.0	0.2	0.6	0.3	-0.8	0.2	-1.2	-2.4	-7.5

1 The GVA output is designated as a National Statistic.
2 Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
3 Estimates cannot be regarded as accurate to the last digit shown.
4 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
5 A complete run of data is available on the ONS website.
6. 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.

GVA2

Monthly GDP based on GVA (Gross Value Added) [1]
Chained volume indices of gross value added at basic prices [2,3,4,5]   seasonally adjusted 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 [6]	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
Section	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2019 weights	1000	7	136	11	98	15	12	62	794	102	41	30	63	82	131	75	52	49	58	77	15	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
2021 Dec	9.0	-0.7	-10.1	-18.7	-6.9	-37.7	1.7	3.2	13.4	14.9	15.7	69.1	7.3	4.4	1.8	5.6	9.7	5.3	8.8	70.1	23.9	8.7	-1.1
2022 Jan	10.5	0.3	-8.3	-17.5	-5.2	-33.4	1.3	5.8	14.8	17.9	20.0	90.8	8.3	3.4	1.3	7.3	9.6	5.9	18.0	67.7	26.0	5.7	4.0
Feb	10.8	1.6	-6.6	-14.0	-3.9	-29.2	0.6	7.1	14.7	16.7	23.0	86.1	9.8	2.5	0.7	6.3	9.4	6.2	27.4	62.2	24.5	2.7	7.7
Mar	11.1	2.8	-5.4	-8.6	-3.5	-25.0	0.8	7.0	14.7	14.9	25.4	106.2	10.0	2.2	0.3	5.1	9.9	6.4	30.0	52.4	31.7	15.9	15.4
Apr	8.7	3.9	-4.8	-0.4	-3.9	-21.6	1.1	5.0	11.5	6.7	20.5	96.0	8.6	1.7	0.5	3.8	8.9	5.5	23.4	39.5	33.6	6.2	18.6
May	6.2	3.6	-4.2	5.0	-3.8	-19.8	1.3	4.9	8.2	0.8	17.4	58.1	6.4	1.5	0.7	4.6	7.8	4.1	13.8	26.8	30.2	5.8	13.1
Jun	3.8	2.7	-3.5	14.6	-3.9	-16.6	1.4	4.6	5.0	-3.0	14.1	25.9	5.0	1.7	0.6	4.6	6.6	2.7	6.8	14.7	24.7	5.4	3.7
Jul	3.1	1.8	-3.0	14.8	-3.8	-11.6	0.3	5.8	3.9	-3.9	14.5	11.1	4.9	2.4	0.8	4.7	5.9	2.3	4.4	8.5	19.5	15.0	3.6
Aug	2.4	1.0	-2.8	4.9	-3.6	-4.7	0.1	6.7	3.0	-4.1	13.1	3.0	4.9	2.6	0.8	4.2	5.3	2.6	4.5	3.2	15.6	14.7	9.7
Sep	2.1	0.6	-2.6	-3.5	-3.2	1.3	0.3	7.7	2.5	-4.2	12.8	-2.0	5.1	1.9	0.9	4.9	5.1	3.0	5.1	0.6	10.2	11.4	16.3
Oct	1.6	-0.3	-2.1	-9.2	-2.3	4.1	-0.3	8.2	1.8	-4.2	10.3	-3.8	4.9	0.3	0.8	6.8	4.7	3.6	5.0	-3.2	8.9	6.5	14.7
Nov	1.2	-0.5	-1.9	-4.2	-2.5	4.2	-0.6	7.8	1.2	-4.3	7.7	0.3	4.8	-1.2	0.6	7.0	4.3	3.6	4.9	-6.3	8.6	3.8	5.9
Dec	1.2	-0.3	-2.1	-3.8	-2.5	2.4	-1.3	8.1	1.2	-3.3	4.4	8.9	5.1	-1.7	0.5	7.7	5.3	3.4	4.5	-9.3	8.2	4.0	-3.4
2023 Jan	1.0	0.3	-2.6	-7.1	-2.8	0.0	-0.7	6.5	1.2	-3.1	3.3	12.4	5.1	-1.3	0.3	5.9	6.8	2.7	3.6	-9.0	7.1	6.0	-9.6
Feb	0.9	0.4	-2.5	-11.4	-2.1	-1.4	-1.2	5.9	1.1	-2.6	2.2	9.4	4.2	-0.5	0.3	5.2	7.9	1.8	2.1	-8.2	7.4	8.7	-13.8
Mar	0.6	0.1	-2.0	-14.4	-1.2	-1.1	-1.0	4.5	0.8	-2.9	1.5	1.9	3.1	0.0	0.2	4.2	7.7	1.0	2.1	-6.7	7.7	8.5	-12.9
Apr	0.5	-0.2	-1.5	-14.8	-0.4	-1.0	-1.8	4.2	0.5	-2.8	0.0	-2.3	2.8	0.1	0.1	3.4	7.0	0.5	2.0	-5.3	6.3	9.0	-12.1
May	0.1	-0.5	-1.4	-16.4	0.0	-1.4	-2.2	2.4	0.2	-2.7	-0.7	-3.4	2.7	-0.4	-0.2	1.7	5.4	0.7	2.0	-3.7	6.1	6.7	-10.6
Jun	0.6	-0.6	-0.5	-16.6	1.5	-3.2	-3.5	2.9	0.5	-1.9	-0.3	-3.3	3.1	-1.0	-0.4	0.5	6.3	1.0	1.8	0.0	5.5	5.8	-12.6
Jul	0.5	-0.8	0.1	-17.8	2.5	-3.5	-3.4	2.6	0.4	-1.2	-2.3	-3.8	2.2	-1.7	-0.7	-0.1	6.2	1.1	1.4	1.3	8.5	3.8	-12.8
Aug	0.7	-0.7	1.2	-15.1	3.6	-2.2	-3.8	3.0	0.5	-0.9	-3.1	-3.0	1.2	-1.7	-0.7	-0.2	6.6	0.8	2.1	2.5	7.8	2.4	-11.6
Sep	0.5	-0.4	1.1	-14.3	3.2	-0.7	-3.6	2.0	0.3	-0.8	-4.6	-1.9	0.4	-1.1	-0.9	-0.1	5.6	0.4	2.6	2.2	8.8	0.3	-9.6
Oct	0.2	-0.1	0.6	-11.5	2.1	-0.4	-2.8	1.2	0.1	-1.1	-4.3	-1.2	0.0	-0.5	-1.0	-1.1	5.1	0.2	3.3	2.1	4.1	-1.7	-11.0
Nov	0.2	0.2	0.3	-13.3	1.8	-0.8	-2.2	0.6	-0.1	-1.1	-3.8	-1.3	-0.3	-0.3	-1.0	-1.4	4.6	0.2	2.6	1.8	3.8	-2.2	-14.5
Dec	-0.3	0.3	0.1	-11.9	1.6	-2.3	-2.3	-1.3	-0.2	-1.7	-2.0	-1.6	-1.2	-0.7	-0.8	-1.4	3.8	0.4	2.1	1.9	5.1	-2.8	-15.7

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
2021 Dec	-0.5	-1.0	0.2	-0.8	0.0	3.3	-0.2	1.1	-0.7	-2.2	0.5	-11.4	-0.6	0.0	0.0	0.5	-1.2	0.3	0.3	0.4	0.0	-4.4	5.4
2022 Jan	0.5	0.1	-0.3	4.7	-1.0	1.8	0.4	1.2	0.5	1.5	2.1	7.1	3.3	-1.0	0.0	0.1	-0.2	0.6	3.8	-4.3	-0.3	1.8	-3.6
Feb	0.5	0.6	-0.3	0.4	-0.4	0.2	-0.3	0.2	0.7	-1.3	0.7	13.1	1.1	-0.3	0.2	0.6	1.7	0.7	0.3	0.6	1.8	-1.0	0.4
Mar	0.1	0.4	-0.3	0.7	-0.3	-1.8	0.1	1.5	0.1	-0.9	0.5	1.1	-1.5	0.0	0.1	1.1	0.8	0.1	-0.6	0.6	4.5	1.5	-5.4
Apr	-0.3	0.1	-0.2	1.7	-0.7	1.2	1.6	0.2	-0.3	1.0	-1.5	0.5	0.3	-0.2	0.3	0.5	0.3	-0.2	0.7	-5.4	1.4	-1.5	3.4
May	0.7	0.2	0.2	0.5	0.6	-1.6	-1.7	2.1	0.6	-1.3	1.0	0.6	1.0	0.4	0.2	3.0	1.9	-0.2	0.6	0.8	-1.0	3.1	2.8
Jun	-1.0	0.1	-0.9	-2.4	-1.2	0.9	1.7	-2.4	-0.9	-0.9	-0.7	0.3	-1.2	0.1	-0.1	-1.1	-2.3	0.2	-0.1	-4.4	2.2	-0.4	3.3
Jul	0.4	0.2	-0.5	4.9	-0.8	-0.7	-1.8	2.1	0.5	0.2	4.8	-0.9	1.1	0.3	0.0	-0.2	1.1	0.6	0.3	0.6	-2.6	2.3	-6.5
Aug	0.1	-0.2	-0.6	-10.0	0.2	-1.0	0.2	0.2	0.2	0.4	-1.7	-2.5	1.0	-0.5	0.0	1.6	1.1	0.7	-0.4	0.4	-0.4	0.6	-4.6
Sep	-0.5	-0.5	-0.1	2.3	-0.4	1.4	-0.5	-0.6	-0.6	-1.6	0.8	-1.0	-1.8	-1.1	-0.1	-0.8	-1.1	0.3	-0.2	0.8	-1.2	1.5	-0.4
Oct	0.8	0.0	0.3	-2.8	1.1	-2.6	-1.6	1.4	0.9	1.8	0.3	0.7	1.0	-0.1	0.2	1.9	1.9	0.0	0.5	0.3	6.1	-0.5	2.4
Nov	0.0	-0.2	-0.1	2.7	-0.6	0.0	1.7	0.2	0.0	-0.3	-2.3	0.9	1.4	0.3	-0.4	-0.7	1.2	-0.1	0.3	0.6	-2.9	0.2	0.6
Dec	-0.3	0.0	0.1	-7.7	0.4	3.1	-0.2	2.1	-0.6	-0.8	-3.1	-1.0	0.3	0.5	-0.1	0.2	0.3	-0.1	-1.8	-2.5	-2.4	0.1	-5.2
2023 Jan	0.5	-0.1	-0.1	-6.0	0.3	-0.6	0.1	-2.8	0.9	0.5	6.6	0.4	1.2	0.5	0.0	-1.3	1.6	0.0	2.5	1.3	3.3	1.6	-3.9
Feb	0.1	0.2	0.0	4.7	0.0	-1.5	-1.5	1.8	-0.1	-0.5	-3.2	0.2	-0.2	0.1	0.0	0.3	1.4	-0.9	-0.4	0.5	1.6	2.0	-3.1
Mar	-0.3	0.0	0.7	-3.1	0.5	3.2	2.3	-0.3	-0.5	-1.5	-1.7	-2.0	-1.2	-0.3	0.2	-0.1	-1.2	0.1	1.2	-0.3	2.1	-1.7	1.8
Apr	0.1	0.0	0.2	0.0	0.6	-1.8	-1.9	-0.3	0.2	0.8	-0.1	2.6	0.6	-0.3	-0.2	-0.4	0.7	0.1	-0.4	-0.1	0.3	0.1	2.3
May	-0.3	-0.1	-0.9	0.3	-0.5	-4.9	-1.8	-1.2	-0.1	-0.2	-0.4	-1.8	0.1	-0.7	-0.1	0.0	-0.9	0.2	0.0	1.5	1.8	-1.6	1.6
Jun	0.7	0.0	2.7	-1.3	3.2	2.1	1.3	2.8	0.3	0.6	0.7	1.0	0.4	-0.7	-0.2	-0.9	2.5	0.4	1.1	0.5	-1.5	0.3	-1.3
Jul	-0.5	0.1	-1.0	-0.2	-1.2	0.6	-1.1	-0.8	-0.4	-0.3	-1.3	-0.8	-2.4	0.2	-0.3	0.8	-1.2	0.2	-1.7	-1.2	6.8	0.5	-1.3
Aug	0.0	0.1	-0.4	2.9	-0.5	0.7	-1.6	-1.0	0.1	0.4	0.3	-0.9	0.2	0.3	0.2	0.3	-0.4	0.1	0.0	1.5	-7.4	-2.5	-1.1
Sep	0.0	0.1	-0.1	-3.0	-0.3	2.9	1.3	0.4	0.0	-0.8	-0.1	0.8	0.1	-0.2	-0.5	-0.2	0.1	0.1	0.0	1.5	-0.6	0.2	-2.9
Oct	-0.5	0.1	-1.4	-1.7	-1.3	-4.8	0.9	-0.6	-0.3	0.2	0.2	-0.7	-1.3	0.0	0.2	-0.7	0.6	0.1	-0.9	-0.8	-0.2	-2.1	-3.6
Nov	0.2	0.2	0.5	0.5	0.8	-0.2	-1.0	-0.7	0.2	0.4	0.2	0.0	1.1	-0.1	0.1	0.6	-0.3	0.1	-0.6	0.2	1.8	1.4	-2.6
Dec	-0.1	0.0	0.6	-1.8	0.8	1.1	-0.4	-0.5	-0.1	-1.9	-0.2	0.6	0.4	-0.3	-0.1	1.7	0.7	0.1	-1.0	-0.9	2.9	-1.5	-0.3

GVA3

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

seasonally adjusted 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 [6]	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
Section	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2019 weights	**1000**	**7**	**136**	**11**	**98**	**15**	**12**	**62**	**794**	**102**	**41**	**30**	**63**	**82**	**131**	**75**	**52**	**49**	**58**	**77**	**15**	**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
2021 Dec	8.6	0.1	-8.6	-21.6	-5.0	-33.7	-0.4	5.7	12.4	11.8	14.5	66.6	8.0	2.4	1.6	5.7	6.4	5.8	17.6	71.3	18.9	-15.2	4.4
2022 Jan	12.3	1.2	-5.9	-13.6	-3.1	-28.8	1.5	9.2	16.2	23.5	29.7	85.4	9.1	2.7	0.3	8.2	10.2	6.3	31.3	60.3	26.5	15.6	3.8
Feb	11.7	3.6	-5.3	-5.6	-3.5	-24.7	0.5	6.5	15.5	15.3	25.5	106.6	12.4	2.4	0.2	5.1	11.7	6.6	34.1	55.6	28.4	13.8	16.0
Mar	9.3	3.8	-5.1	-6.1	-3.8	-21.1	0.3	5.3	12.4	7.1	21.4	127.9	8.7	1.5	0.4	2.3	8.0	6.4	25.0	42.5	40.5	18.2	29.9
Apr	5.2	4.4	-3.9	12.2	-4.2	-18.8	2.6	3.4	6.9	-1.1	15.0	64.6	4.9	1.1	0.7	4.0	7.1	3.7	12.9	23.3	32.3	-9.2	11.7
May	4.2	2.7	-3.6	10.9	-3.5	-19.4	0.9	6.0	5.5	-3.0	15.9	17.8	5.8	1.8	0.8	7.5	8.3	2.3	5.2	16.8	19.5	12.0	2.0
Jun	2.0	1.1	-2.9	21.3	-4.1	-11.3	0.7	4.3	2.7	-5.0	11.4	8.2	4.4	2.2	0.4	2.3	4.4	2.1	2.8	5.1	23.0	16.8	-1.2
Jul	3.0	1.6	-2.4	12.9	-3.8	-2.5	-0.8	7.2	3.6	-3.7	16.3	8.0	4.7	3.3	1.2	4.3	5.1	2.5	5.2	4.2	16.1	16.2	11.1
Aug	2.2	0.3	-3.1	-14.2	-3.0	0.7	0.3	8.6	2.7	-3.5	11.8	-6.1	5.5	2.4	0.9	6.0	6.3	3.1	5.6	0.4	8.4	11.2	23.2
Sep	1.1	-0.1	-2.1	-7.0	-2.9	5.9	1.6	7.2	1.2	-5.3	10.5	-6.9	5.2	0.1	0.7	4.3	3.8	3.3	4.5	-2.6	6.3	7.2	15.6
Oct	1.6	-1.1	-1.0	-6.1	-1.0	5.7	-2.6	8.9	1.5	-4.0	8.6	1.9	4.0	-1.5	0.7	10.2	4.0	4.2	4.8	-7.2	12.1	1.5	6.7
Nov	0.9	-0.3	-2.6	0.8	-3.5	1.0	-0.6	7.2	1.0	-3.6	4.2	6.8	5.1	-2.1	0.4	6.6	5.1	3.2	5.5	-8.9	7.5	2.9	-2.9
Dec	1.1	0.7	-2.8	-6.1	-3.1	0.8	-0.6	8.3	1.1	-2.3	0.5	19.3	6.1	-1.6	0.3	6.3	6.7	2.7	3.3	-11.5	5.0	7.8	-12.6
2023 Jan	1.1	0.5	-2.5	-15.7	-1.8	-1.6	-0.9	3.9	1.5	-3.2	5.0	11.8	4.0	-0.2	0.3	4.8	8.6	2.1	2.0	-6.4	8.7	7.6	-13.0
Feb	0.6	0.1	-2.3	-12.1	-1.4	-3.2	-2.1	5.6	0.7	-2.4	0.9	-0.9	2.5	0.2	0.1	4.5	8.3	0.4	1.2	-6.4	8.5	10.8	-15.9
Mar	0.2	-0.3	-1.2	-15.4	-0.5	1.7	0.1	3.8	0.1	-3.0	-1.2	-3.9	2.8	0.0	0.2	3.3	6.1	0.4	3.0	-7.3	5.9	7.3	-9.6
Apr	0.6	-0.4	-0.9	-16.8	0.8	-1.4	-3.3	3.3	0.6	-3.1	0.2	-1.9	3.1	-0.1	-0.2	2.4	6.5	0.7	1.8	-2.1	4.8	9.0	-10.5
May	-0.3	-0.7	-2.0	-17.0	-0.3	-4.7	-3.4	0.0	-0.1	-2.0	-1.2	-4.3	2.3	-1.1	-0.5	-0.6	3.6	1.1	1.2	-1.4	7.8	4.0	-11.6
Jun	1.4	-0.8	1.5	-16.1	4.1	-3.5	-3.7	5.4	1.1	-0.6	0.2	-3.6	3.9	-1.9	-0.6	-0.4	8.7	1.3	2.5	3.7	3.9	4.7	-15.6
Jul	0.4	-0.8	1.0	-20.1	3.7	-2.4	-3.0	2.4	0.2	-1.0	-5.6	-3.5	0.4	-1.9	-0.9	0.6	6.3	0.9	0.4	1.9	13.9	2.9	-10.9
Aug	0.3	-0.5	1.2	-8.6	2.9	-0.7	-4.8	1.2	0.1	-1.1	-3.7	-2.0	-0.5	-1.2	-0.7	-0.7	4.7	0.3	3.6	2.0	5.9	-0.3	-7.7
Sep	0.8	0.1	1.2	-13.4	3.0	0.8	-3.0	2.2	0.6	-0.2	-4.5	-0.1	1.3	-0.3	-1.2	-0.1	5.9	0.1	3.9	2.7	6.5	-1.6	-10.0
Oct	-0.5	0.1	-0.5	-12.3	0.5	-1.5	-0.5	0.2	-0.5	-1.8	-4.6	-1.5	-1.0	-0.2	-1.2	-2.6	4.7	0.2	2.4	1.6	0.1	-3.1	-15.3
Nov	-0.3	0.4	0.1	-14.2	1.9	-1.7	-3.1	-0.7	-0.3	-1.2	-2.1	-2.4	-1.3	-0.6	-0.6	-1.4	3.2	0.3	1.5	1.2	4.9	-1.9	-18.0
Dec	0.0	0.4	0.6	-8.8	2.3	-3.6	-3.3	-3.2	0.1	-2.2	0.8	-0.8	-1.2	-1.4	-0.7	0.0	3.6	0.6	2.3	2.8	10.5	-3.5	-13.7

1 The GVA output is designated as a National Statistic.
2 Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
3 Estimates cannot be regarded as accurate to the last digit shown.
4 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
5 A complete run of data is available on the ONS website.
6. 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

REV1

Monthly GDP based on GVA (Gross Value Added) [1]
Revisions to growth of gross value added at basic prices [2]

seasonally adjusted 2019=100

Periods open for revision: 2023 Jan - 2023 Nov

Industry sections (SIC2007)

	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction [4]	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
Section	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2019 weights	1000	7	136	11	98	15	12	62	794	102	41	30	63	82	131	75	52	49	58	77	15	17	2

Percentage change, latest 3 months on previous 3 months [3,5]

	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
2021 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
2022 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
2023 Jan	-0.1	0.0	0.0	-0.3	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	0.2	0.0	0.0	-0.1	0.3	0.0	-0.4
Feb	-0.1	0.0	0.0	-0.7	0.1	-0.1	0.0	-0.3	0.0	-0.3	-0.2	-0.2	-0.1	0.0	0.0	-0.2	0.3	0.0	0.1	-0.2	0.6	0.0	-1.2
Mar	-0.1	0.0	0.1	-1.0	0.2	-0.1	0.1	-0.4	-0.1	-0.5	-0.3	-0.4	-0.3	0.0	0.0	-0.3	0.4	0.0	0.2	-0.3	0.7	0.0	-2.4
Apr	-0.1	0.0	0.0	-0.8	0.1	-0.1	0.1	-0.3	-0.1	-0.4	-0.4	-0.2	-0.5	0.1	0.0	-0.2	0.0	0.0	0.2	-0.1	0.3	-0.3	-2.8
May	-0.1	-0.1	0.1	-0.5	0.0	-0.3	0.3	-0.2	0.0	-0.2	-0.2	-0.1	-0.7	0.3	0.0	0.1	-0.1	0.0	0.2	0.0	0.1	-0.3	-2.3
Jun	0.0	0.0	0.0	-0.2	0.0	-0.4	0.0	-0.2	0.0	-0.1	0.0	0.1	-0.7	0.2	0.0	0.2	-0.1	0.0	0.4	0.2	0.0	0.4	-0.9
Jul	0.0	-0.1	0.0	-0.1	0.0	-0.4	0.0	-0.1	0.1	-0.1	0.0	0.0	-0.5	0.1	0.0	0.5	-0.1	0.0	0.4	0.3	0.1	0.4	0.1
Aug	0.0	0.0	0.0	-0.3	0.1	-0.2	-0.5	-0.2	0.1	0.0	-0.1	-0.2	-0.6	-0.1	0.0	0.6	0.1	-0.1	0.4	0.4	0.0	0.7	0.1
Sep	0.0	0.0	0.0	-0.3	0.1	-0.2	-0.4	-0.3	0.0	0.0	-0.2	-0.2	-0.5	0.0	-0.1	0.5	-0.3	0.0	0.1	0.4	-0.1	0.8	-1.3
Oct	-0.1	0.0	0.0	-0.3	0.1	-0.5	-0.4	-0.3	-0.1	-0.1	-0.3	-0.2	-0.5	0.0	-0.1	0.1	0.0	0.0	-0.4	0.0	0.0	0.6	-3.6
Nov	-0.2	-0.1	0.1	-0.2	0.2	-0.9	0.2	-0.5	-0.2	-0.2	-0.3	0.0	-0.5	0.2	-0.2	-0.1	-0.3	0.0	-1.1	-0.4	0.0	0.1	-5.7

Percentage change, latest 3 months on same 3 months a year ago [3,5]

	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
2021 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
2022 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
2023 Jan	0.0	0.0	0.0	-0.3	0.0	-0.1	0.0	-0.1	0.0	-0.2	0.0	-0.1	0.0	0.0	0.0	-0.1	0.2	0.0	0.1	-0.1	0.4	0.0	-0.4
Feb	-0.1	0.0	0.1	-0.6	0.1	-0.2	0.0	-0.3	-0.1	-0.2	-0.1	-0.2	-0.1	0.0	0.1	-0.3	0.4	0.0	0.1	-0.2	0.6	0.0	-1.2
Mar	-0.1	0.0	0.1	-0.9	0.2	-0.2	0.1	-0.4	-0.1	-0.5	-0.4	-0.4	-0.3	0.0	0.0	-0.3	0.4	0.0	0.3	-0.2	0.7	-0.1	-2.3
Apr	-0.1	0.0	0.0	-1.0	0.2	-0.3	0.2	-0.5	-0.1	-0.4	-0.4	-0.3	-0.6	0.1	0.1	-0.4	0.3	0.0	0.3	-0.1	0.5	-0.3	-3.1
May	-0.2	0.0	0.0	-1.0	0.2	-0.4	0.3	-0.5	-0.2	-0.5	-0.4	-0.3	-0.8	0.2	0.0	-0.2	0.1	0.0	0.4	-0.1	0.6	-0.4	-3.3
Jun	-0.1	0.0	0.0	-1.0	0.2	-0.6	0.1	-0.5	-0.2	-0.5	-0.4	-0.2	-0.9	0.2	0.0	0.0	0.3	0.0	0.5	0.0	0.7	-0.3	-3.0
Jul	-0.1	-0.1	0.0	-1.1	0.2	-0.6	0.1	-0.6	-0.1	-0.5	-0.5	-0.3	-1.0	0.1	0.0	0.3	0.1	0.0	0.8	0.1	0.7	0.1	-2.9
Aug	-0.2	-0.1	0.0	-1.2	0.3	-0.6	-0.1	-0.7	0.0	-0.5	-0.5	-0.4	-1.4	0.1	0.1	0.4	0.3	0.0	0.8	0.3	0.6	0.6	-3.2
Sep	-0.1	-0.1	0.0	-1.4	0.3	-0.8	-0.2	-0.8	-0.1	-0.6	-0.6	-0.5	-1.5	0.2	0.0	0.4	0.0	0.0	0.7	0.4	0.6	0.6	-4.5
Oct	-0.2	-0.1	0.0	-1.4	0.3	-1.1	-0.3	-0.9	-0.2	-0.7	-0.7	-0.5	-1.5	0.3	-0.1	0.4	0.1	0.0	0.3	0.2	0.6	0.6	-6.4
Nov	-0.3	-0.1	0.1	-1.5	0.4	-1.5	0.0	-1.1	-0.3	-0.7	-0.8	-0.4	-1.8	0.3	-0.2	0.2	-0.1	0.0	-0.2	-0.1	0.5	0.5	-8.5

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 15 february 2024

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

REV2

Monthly GDP based on GVA (Gross Value Added) [1]
Revisions to growth of gross value added at basic prices [2,3]

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 [4]	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
Section	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
2019 weights	**1000**	**7**	**136**	**11**	**98**	**15**	**12**	**62**	**794**	**102**	**41**	**30**	**63**	**82**	**131**	**75**	**52**	**49**	**58**	**77**	**15**	**17**	**2**

Percentage change, latest month on previous month [3,5]

	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
2021 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
2022 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
2023 Jan	-0.1	0.0	0.0	-1.0	0.1	-0.3	0.0	-0.2	-0.1	-0.5	-0.1	-0.2	-0.2	-0.1	0.0	-0.4	0.6	0.0	0.1	-0.2	0.9	0.1	-1.3
Feb	0.0	0.1	0.1	0.0	0.1	0.1	-0.1	-0.2	-0.1	-0.1	-0.4	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.2	0.0	-0.1	-0.1	-1.5
Mar	0.0	0.0	0.0	-0.1	-0.2	0.2	0.5	0.0	0.0	0.0	0.0	-0.1	-0.2	0.2	0.0	0.2	-0.2	0.0	0.0	0.0	-0.4	-0.2	-0.8
Apr	-0.1	0.0	0.0	-0.1	0.0	-0.5	-0.4	0.0	0.0	0.0	0.0	0.4	-0.5	0.0	0.0	-0.2	0.1	0.0	0.1	0.1	0.2	-0.3	-0.1
May	0.0	-0.1	0.0	0.0	0.0	-0.3	0.3	-0.1	0.1	0.0	0.0	-0.2	0.1	0.1	0.0	0.5	-0.3	0.0	0.1	0.1	0.4	0.3	0.3
Jun	0.0	0.0	0.0	-0.1	0.1	0.2	-0.5	0.1	0.1	0.0	0.1	-0.1	-0.1	-0.1	0.0	0.1	0.7	0.0	0.3	0.1	-0.5	0.4	0.4
Jul	0.0	0.0	0.0	-0.2	0.0	0.1	0.2	-0.2	0.0	0.0	-0.3	0.1	-0.5	-0.1	0.0	0.4	-0.9	0.0	0.2	0.1	0.0	0.2	-0.1
Aug	1.2	0.0	0.0	-0.3	0.1	-0.1	-0.6	-0.2	0.0	0.0	-0.1	-0.3	-0.2	0.0	0.0	0.0	0.5	0.0	-0.2	0.1	0.4	0.3	-1.2
Sep	-0.1	0.0	0.0	0.3	0.1	-0.5	0.3	-0.1	-0.1	-0.1	0.0	0.2	0.4	0.0	-0.3	-0.2	-0.3	0.0	-0.3	0.1	-0.4	0.0	-2.5
Oct	-0.2	0.0	-0.1	-0.2	-0.1	-0.2	0.1	-0.2	-0.2	0.0	0.0	-0.1	-0.4	0.1	0.1	0.0	-0.1	0.0	-0.8	-0.9	0.0	-0.1	-2.9
Nov	-0.1	0.0	0.2	-0.8	0.4	-0.4	0.0	-0.5	-0.2	-0.1	-0.3	0.0	-0.4	0.1	0.1	0.0	-0.4	0.0	-0.4	-0.2	0.4	-0.2	-2.0

Percentage change, latest month on same month a year ago [3,5]

	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
2021 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
2022 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
2023 Jan	-0.1	0.0	0.0	-0.9	0.1	-0.3	0.0	-0.3	-0.1	-0.4	-0.1	-0.3	-0.1	-0.1	-0.1	-0.4	0.6	0.0	0.1	-0.2	0.9	0.2	-1.2
Feb	-0.1	0.1	0.1	-0.9	0.2	-0.2	0.0	-0.5	-0.1	-0.5	-0.5	-0.3	-0.3	-0.1	0.0	-0.4	0.4	0.0	0.3	-0.2	0.8	0.0	-2.4
Mar	-0.1	0.1	0.1	-1.0	0.2	0.0	0.5	-0.5	-0.2	-0.5	-0.4	-0.4	-0.5	0.1	0.0	-0.2	0.2	0.0	0.3	-0.2	0.3	-0.2	-3.4
Apr	-0.2	0.0	0.1	-1.0	0.2	-0.5	0.1	-0.5	-0.2	-0.4	-0.4	-0.1	-1.0	0.1	0.0	-0.4	0.2	0.0	0.4	-0.1	0.6	-0.5	-3.4
May	-0.1	-0.1	0.1	-1.0	0.2	-0.7	0.4	-0.6	-0.1	-0.5	-0.4	-0.2	-0.8	0.3	0.0	0.0	0.0	0.0	0.4	0.0	1.0	-0.2	-3.1
Jun	-2.7	-0.1	0.1	-1.1	0.2	-0.5	0.0	-0.5	0.0	-0.6	-0.3	-0.3	-1.0	0.2	0.0	0.2	0.6	0.0	0.8	0.2	0.4	-0.2	-2.7
Jul	-0.1	0.0	0.1	-1.1	0.2	-0.6	0.1	-0.7	0.0	-0.5	-0.6	-0.3	-1.4	0.2	0.0	0.6	-0.2	0.0	0.9	0.3	0.5	0.5	-2.9
Aug	-0.1	-0.1	0.1	-1.5	0.3	-0.7	-0.5	-0.8	-0.1	-0.5	-0.7	-0.7	-1.6	0.1	0.1	0.5	0.3	0.0	0.8	0.4	0.9	0.7	-4.1
Sep	-0.2	-0.1	0.1	-1.3	0.4	-1.2	-0.2	-0.9	-0.2	-0.6	-0.7	-0.4	-1.4	0.2	-0.3	0.2	0.0	0.0	0.5	0.6	0.5	0.6	-6.4
Oct	-0.4	-0.2	0.0	-1.3	0.3	-1.4	0.0	-1.1	-0.3	-0.7	-0.6	-0.5	-1.8	0.3	-0.2	0.3	0.0	0.0	-0.4	-0.3	0.4	0.5	-8.7
Nov	-0.5	-0.1	0.2	-2.0	0.6	-1.8	0.1	-1.6	-0.4	-0.9	-0.9	-0.5	-2.2	0.4	0.0	0.3	-0.3	0.0	-0.8	-0.5	0.7	0.4	-10.3

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 15 february 2024

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

CONTRIB 1

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

seasonally adjusted 2019=100

Industry sections (SIC2007)

Section reference, weights and series codes

Industry section	Section	2019 weights	Code (3m on prev 3m)	Code (3m on same 3m a year ago)
Total GVA at basic prices	A-T	1000	EDMB	EDMY
Agriculture, forestry and fishing	A	7	EDMC	EDMZ
Total production industries	B-E	137	EDMD	EDNA
Mining & quarrying	B	11	EDME	EDNB
Manufacturing	C	99	EDMF	EDNC
Electricity gas, steam and air	D	15	EDMG	EDND
Water supply, sewerage etc	E	12	EDMH	EDNE
Construction [5]	F	64	EDMI	EDNF
Total service industries	G-T	792	EDMJ	EDNG
Wholesale and retail: repair of motor vehicles and motorcycles	G	105	EDMK	EDNH
Transport and storage	H	40	EDML	EDNI
Accommodation and food service activities	I	29	EDMM	EDNJ
Information and Communication	J	62	EDMN	EDNK
Financial and insurance activities	K	82	EDMO	EDNL
Real estate activities	L	131	EDMP	EDNM
Professional, scientific and technical activities	M	74	EDMQ	EDNN
Administrative and support service activities	N	51	EDMR	EDNO
Public administration and defence	O	48	EDMS	EDNP
Education	P	59	EDMT	EDNQ
Human health and social work activities	Q	76	EDMU	EDNR
Arts, entertainment and recreation	R	16	EDMV	EDNS
Other service activities	S	17	EDMW	EDNT
Activities of households as employers, undifferentiated goods and services	T	2	EDMX	EDNU

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
2021	Dec	1.35	0.00	-0.06	-0.04	-0.01	-0.02	0.01	0.09	1.32	-0.05	0.17	-0.33	0.09	0.26	0.04	-0.09	0.11	0.00	0.02	0.90	0.06	0.13	0.03
2022	Jan	0.97	-0.01	0.08	-0.07	0.09	0.04	0.01	0.18	0.71	-0.14	0.16	-0.44	0.14	0.17	0.01	0.07	0.04	0.04	0.08	0.50	0.02	0.02	0.03
	Feb	0.57	-0.01	0.08	-0.02	0.02	0.06	0.01	0.19	0.31	-0.20	0.13	-0.24	0.21	0.03	0.01	0.11	-0.01	0.06	0.15	0.08	0.02	-0.05	0.02
	Mar	0.76	0.00	0.00	0.02	-0.07	0.05	0.00	0.19	0.57	-0.15	0.12	0.17	0.24	-0.08	0.01	0.17	0.02	0.08	0.21	-0.23	0.04	-0.03	0.00
	Apr	0.66	0.00	-0.10	0.03	-0.15	0.02	0.01	0.14	0.61	-0.14	0.07	0.39	0.16	-0.09	0.04	0.14	0.09	0.06	0.15	-0.31	0.07	-0.01	0.00
	May	0.68	0.01	-0.09	0.03	-0.12	-0.01	0.01	0.17	0.59	-0.11	0.03	0.34	0.06	-0.05	0.06	0.23	0.13	0.03	0.09	-0.32	0.09	0.02	-0.01
	Jun	0.10	0.00	-0.08	0.01	-0.10	-0.01	0.01	0.11	0.07	-0.13	-0.02	0.17	0.00	0.00	0.06	0.24	0.09	0.00	0.04	-0.48	0.07	0.02	0.00
	Jul	0.01	0.00	-0.10	0.01	-0.10	-0.01	0.00	0.11	0.00	-0.16	0.04	0.04	0.02	0.04	0.04	0.23	0.05	0.00	0.05	-0.44	0.03	0.05	0.00
	Aug	-0.31	0.00	-0.17	-0.01	-0.15	-0.01	0.00	0.03	-0.17	-0.12	0.07	-0.02	0.04	0.03	0.02	0.12	0.00	0.03	0.03	-0.42	0.00	0.05	0.00
	Sep	-0.10	0.00	-0.19	-0.02	-0.14	-0.01	-0.02	0.06	0.02	-0.11	0.12	-0.08	0.05	-0.02	0.00	0.07	0.03	0.06	0.00	-0.13	-0.03	0.07	-0.01
	Oct	0.00	0.00	-0.15	-0.06	-0.06	-0.01	-0.02	0.05	0.11	-0.02	0.06	-0.11	0.04	-0.09	0.01	0.09	0.05	0.07	-0.01	-0.01	0.00	0.05	-0.01
	Nov	0.26	0.00	-0.06	-0.03	0.00	-0.01	-0.02	0.08	0.25	-0.02	0.02	-0.07	0.03	-0.11	0.00	0.10	0.08	0.05	0.00	0.13	0.01	0.04	-0.01
	Dec	0.41	0.00	0.00	-0.04	0.06	-0.01	-0.01	0.12	0.30	0.04	-0.08	-0.02	0.09	-0.05	-0.02	0.13	0.12	0.02	-0.01	0.04	0.03	0.01	0.00
2023	Jan	0.33	0.00	0.01	-0.04	0.04	0.00	0.00	0.09	0.24	0.00	-0.06	0.01	0.16	0.03	-0.05	0.01	0.14	0.00	0.01	-0.01	0.00	0.02	0.00
	Feb	0.29	0.00	0.00	-0.07	0.06	0.01	0.00	0.08	0.21	-0.02	-0.05	0.00	0.17	0.08	-0.04	-0.03	0.16	-0.02	0.00	-0.08	0.00	0.03	-0.01
	Mar	0.21	0.00	0.01	-0.06	0.06	0.01	0.00	-0.02	0.22	-0.09	0.03	-0.02	0.10	0.07	-0.02	-0.10	0.14	-0.04	0.08	0.00	0.03	0.04	-0.01
	Apr	0.12	0.00	0.06	-0.03	0.09	0.01	-0.01	0.02	0.05	-0.11	-0.04	-0.01	0.00	0.03	0.01	-0.06	0.10	-0.04	0.07	0.02	0.06	0.03	-0.01
	May	-0.09	0.00	0.06	-0.01	0.09	-0.01	-0.01	-0.04	-0.11	-0.12	-0.06	-0.02	-0.04	-0.04	0.00	-0.05	0.02	-0.02	0.08	0.07	0.07	-0.01	0.00
	Jun	0.02	0.00	0.11	-0.01	0.17	-0.03	-0.02	0.02	-0.11	-0.03	-0.08	0.01	-0.01	-0.09	-0.02	0.03	0.01	0.03	0.08	0.04	-0.03	0.00	0.00
	Jul	0.03	0.00	0.11	-0.01	0.18	-0.03	-0.02	0.01	-0.08	0.01	-0.03	-0.01	-0.03	-0.11	-0.05	-0.05	0.02	0.03	0.01	0.10	0.06	-0.03	0.00
	Aug	0.24	0.00	0.16	0.00	0.20	-0.01	-0.02	0.06	0.01	0.07	-0.01	-0.01	-0.07	-0.08	-0.06	-0.03	0.06	0.04	0.04	0.07	0.03	-0.02	0.00
	Sep	-0.14	0.00	0.02	0.00	0.02	0.02	-0.02	0.01	-0.17	0.01	-0.03	-0.03	-0.15	-0.03	-0.06	0.02	0.00	0.03	0.05	0.04	0.01	-0.03	0.00
	Oct	-0.27	0.00	-0.09	0.00	-0.10	0.02	-0.01	-0.03	-0.15	-0.01	-0.01	-0.02	-0.13	0.01	-0.04	0.01	0.00	0.03	0.10	0.05	-0.07	-0.05	-0.01
	Nov	-0.42	0.00	-0.18	-0.01	-0.17	0.00	0.00	-0.07	-0.16	-0.04	-0.01	-0.02	-0.09	0.00	-0.04	0.00	-0.01	0.02	0.03	0.08	-0.05	-0.04	-0.01
	Dec	-0.34	0.00	-0.13	-0.02	-0.09	-0.02	0.01	-0.08	-0.13	-0.06	0.01	-0.01	-0.03	-0.02	0.00	0.02	0.03	0.02	-0.04	0.02	-0.02	-0.04	-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
2021	Dec	8.97	0.00	-1.58	-0.20	-0.81	-0.60	0.02	0.20	10.35	1.48	0.48	1.23	0.54	0.39	0.25	0.46	0.47	0.26	0.48	3.88	0.29	0.15	0.00
2022	Jan	10.50	0.00	-1.30	-0.18	-0.61	-0.52	0.02	0.37	11.43	1.76	0.61	1.40	0.62	0.32	0.18	0.60	0.47	0.30	0.94	3.82	0.31	0.10	0.01
	Feb	10.84	0.01	-1.02	-0.14	-0.44	-0.44	0.01	0.45	11.39	1.64	0.69	1.40	0.74	0.23	0.10	0.53	0.46	0.31	1.34	3.60	0.30	0.05	0.01
	Mar	11.07	0.02	-0.82	-0.08	-0.39	-0.35	0.01	0.44	11.43	1.49	0.76	1.66	0.76	0.20	0.05	0.43	0.49	0.32	1.45	3.18	0.37	0.25	0.02
	Apr	8.67	0.02	-0.70	0.00	-0.43	-0.28	0.02	0.32	9.02	0.70	0.62	1.61	0.64	0.15	0.07	0.32	0.43	0.28	1.17	2.52	0.39	0.10	0.03
	May	6.21	0.02	-0.60	0.04	-0.41	-0.25	0.02	0.31	6.48	0.09	0.53	1.19	0.48	0.13	0.09	0.38	0.38	0.20	0.73	1.82	0.36	0.10	0.02
	Jun	3.81	0.02	-0.48	0.11	-0.41	-0.20	0.02	0.28	3.99	-0.33	0.43	0.66	0.37	0.14	0.08	0.37	0.32	0.13	0.38	1.04	0.30	0.09	0.01
	Jul	3.10	0.01	-0.41	0.11	-0.39	-0.13	0.00	0.36	3.14	-0.42	0.44	0.32	0.36	0.20	0.10	0.38	0.28	0.11	0.25	0.63	0.24	0.23	0.01
	Aug	2.43	0.01	-0.38	0.04	-0.37	-0.05	0.00	0.40	2.40	-0.44	0.41	0.09	0.36	0.22	0.11	0.34	0.25	0.13	0.25	0.24	0.20	0.22	0.01
	Sep	2.12	0.00	-0.34	-0.03	-0.33	0.01	0.00	0.46	2.00	-0.45	0.40	-0.06	0.37	0.16	0.12	0.39	0.24	0.15	0.28	0.05	0.13	0.18	0.02
	Oct	1.65	0.00	-0.28	-0.08	-0.23	0.04	0.00	0.49	1.44	-0.45	0.33	-0.12	0.36	0.03	0.10	0.54	0.23	0.17	0.27	-0.26	0.12	0.11	0.02
	Nov	1.20	0.00	-0.25	-0.03	-0.25	0.04	-0.01	0.46	0.99	-0.46	0.25	0.01	0.35	-0.10	0.08	0.55	0.21	0.17	0.27	-0.53	0.12	0.06	0.01
	Dec	1.18	0.00	-0.28	-0.03	-0.25	0.02	-0.02	0.49	0.97	-0.35	0.14	0.24	0.37	-0.15	0.06	0.61	0.26	0.16	0.25	-0.80	0.11	0.07	-0.01
2023	Jan	1.01	0.00	-0.34	-0.06	-0.28	0.00	-0.01	0.39	0.96	-0.32	0.11	0.33	0.37	-0.11	0.04	0.47	0.33	0.13	0.20	-0.77	0.10	0.10	-0.02
	Feb	0.92	0.00	-0.33	-0.09	-0.21	-0.01	-0.02	0.36	0.88	-0.27	0.07	0.26	0.31	-0.05	0.03	0.42	0.38	0.08	0.12	-0.69	0.10	0.14	-0.02
	Mar	0.63	0.00	-0.26	-0.11	-0.12	-0.01	-0.01	0.27	0.62	-0.30	0.05	0.06	0.23	0.00	0.03	0.34	0.37	0.05	0.12	-0.56	0.11	0.14	-0.02
	Apr	0.47	0.00	-0.19	-0.12	-0.04	-0.01	-0.02	0.26	0.40	-0.29	0.00	-0.07	0.21	0.00	0.01	0.27	0.34	0.03	0.11	-0.44	0.09	0.15	-0.02
	May	0.15	0.00	-0.18	-0.13	0.00	-0.01	-0.03	0.15	0.18	-0.28	-0.02	-0.10	0.20	-0.03	-0.02	0.14	0.27	0.04	0.12	-0.30	0.09	0.11	-0.02
	Jun	0.55	0.00	-0.06	-0.14	0.15	-0.03	-0.05	0.18	0.44	-0.20	-0.01	-0.10	0.23	-0.09	-0.06	0.04	0.31	0.05	0.10	0.00	0.08	0.10	-0.02
	Jul	0.49	0.00	0.02	-0.15	0.24	-0.03	-0.04	0.16	0.31	-0.12	-0.08	-0.12	0.16	-0.14	-0.09	-0.01	0.31	0.05	0.08	0.10	0.12	0.06	-0.02
	Aug	0.70	0.00	0.15	-0.12	0.35	-0.02	-0.05	0.19	0.37	-0.09	-0.11	-0.09	0.09	-0.14	-0.10	-0.01	0.32	0.04	0.12	0.19	0.11	0.04	-0.02
	Sep	0.51	0.00	0.14	-0.11	0.31	-0.01	-0.05	0.12	0.25	-0.08	-0.16	-0.06	0.03	-0.10	-0.12	0.00	0.28	0.02	0.15	0.17	0.13	0.01	-0.01
	Oct	0.22	0.00	0.08	-0.09	0.21	0.00	-0.03	0.08	0.06	-0.11	-0.15	-0.04	0.00	-0.05	-0.13	-0.09	0.26	0.01	0.19	0.16	0.06	-0.03	-0.02
	Nov	0.02	0.00	0.04	-0.10	0.17	-0.01	-0.03	0.04	-0.05	-0.11	-0.13	-0.04	-0.02	-0.03	-0.13	-0.12	0.23	0.01	0.15	0.14	0.06	-0.04	-0.02
	Dec	-0.25	0.00	0.01	-0.09	0.15	-0.02	-0.03	-0.08	-0.18	-0.18	-0.07	-0.05	-0.09	-0.06	-0.11	-0.11	0.19	0.02	0.12	0.14	0.07	-0.05	-0.02

1 The GVA output is designated as a National Statistic.
2 Estimates cannot be regarded as accurate to the last digit shown.
3 A complete run of data is available on the ONS website.
4 Contributions are based on output GVA growth
5 The construction growth rates calculated from this release may have small differences, because of rounding, to those in Construction Output in Great Britain releases.

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

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

seasonally adjusted 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, [5]	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

Contributon 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
2021	Dec	-0.51	-0.01	0.03	-0.01	0.00	0.03	0.00	0.06	-0.60	-0.23	0.02	-0.32	-0.05	0.00	0.00	0.04	-0.06	0.02	0.01	0.03	0.00	-0.07	0.01
2022	Jan	0.46	0.00	-0.05	0.04	-0.10	0.02	0.01	0.07	0.43	0.15	0.07	0.18	0.24	-0.09	-0.01	0.01	-0.01	0.03	0.21	-0.38	0.00	0.03	-0.01
	Feb	0.53	0.00	-0.04	0.00	-0.04	0.00	0.00	0.01	0.56	-0.13	0.02	0.35	0.08	-0.03	0.02	0.05	0.08	0.03	0.02	0.05	0.02	-0.02	0.00
	Mar	0.13	0.00	-0.04	0.01	-0.03	-0.02	0.00	0.09	0.08	-0.10	0.02	0.03	-0.11	0.00	0.01	0.08	0.04	0.01	-0.03	0.05	0.06	0.02	-0.01
	Apr	-0.27	0.00	-0.02	0.01	-0.07	0.01	0.02	0.01	-0.26	0.10	-0.05	0.01	0.02	-0.02	0.03	0.04	0.01	-0.01	0.04	-0.45	0.02	-0.02	0.00
	May	0.66	0.00	0.03	0.00	0.06	-0.01	-0.02	0.13	0.50	-0.14	0.03	0.02	0.07	0.03	0.02	0.24	0.09	-0.01	0.03	0.06	-0.01	0.05	0.00
	Jun	-0.99	0.00	-0.11	-0.02	-0.12	0.01	0.02	-0.15	-0.72	-0.09	-0.02	0.01	-0.09	0.01	-0.02	-0.09	-0.12	0.01	-0.01	-0.35	0.03	-0.01	0.01
	Jul	0.44	0.00	-0.07	0.04	-0.08	-0.01	-0.02	0.13	0.38	0.02	0.16	-0.03	0.08	0.02	0.00	-0.02	0.06	0.03	0.02	0.05	-0.04	0.04	-0.01
	Aug	0.10	0.00	-0.07	-0.08	0.02	-0.01	0.00	0.01	0.16	0.04	-0.06	-0.08	0.08	-0.04	0.00	0.13	0.05	0.03	-0.03	0.03	-0.01	0.01	-0.01
	Sep	-0.50	0.00	-0.02	0.02	-0.04	0.01	-0.01	-0.04	-0.45	-0.17	0.03	-0.03	-0.13	-0.09	-0.01	-0.07	-0.05	0.02	-0.01	0.06	-0.02	0.03	0.00
	Oct	0.82	0.00	0.04	-0.02	0.11	-0.02	-0.02	0.09	0.69	0.18	0.01	0.02	0.07	-0.01	0.03	0.16	0.09	0.00	0.03	0.02	0.09	-0.01	0.00
	Nov	0.01	0.00	-0.01	0.02	-0.06	0.00	0.02	0.01	0.02	-0.03	-0.08	0.03	0.11	0.03	-0.06	-0.05	0.06	0.00	0.02	0.05	-0.04	0.00	0.00
	Dec	-0.34	0.00	0.01	-0.06	0.04	0.03	0.00	0.13	-0.48	-0.08	-0.10	-0.03	0.02	0.04	-0.01	0.02	0.01	-0.01	-0.10	-0.19	-0.03	0.00	-0.01
2023	Jan	0.50	0.00	-0.01	-0.04	0.03	-0.01	0.00	-0.18	0.70	0.05	0.22	0.01	0.09	0.04	0.01	-0.11	0.08	0.00	0.14	0.10	0.05	0.03	-0.01
	Feb	0.06	0.00	0.00	0.03	0.00	-0.01	-0.02	0.11	-0.05	-0.05	-0.11	0.01	-0.02	0.01	0.00	0.02	0.07	-0.04	-0.03	0.04	0.02	0.03	0.00
	Mar	-0.30	0.00	0.09	-0.02	0.05	0.03	0.03	-0.02	-0.38	-0.15	-0.06	-0.06	-0.09	-0.02	0.02	-0.01	-0.06	0.00	0.07	-0.02	0.03	-0.03	0.00
	Apr	0.14	0.00	0.02	0.00	0.06	-0.02	-0.02	-0.02	0.14	0.08	0.00	0.08	0.05	-0.02	-0.02	-0.03	0.03	0.01	-0.03	-0.01	0.00	-0.03	0.00
	May	-0.26	0.00	-0.11	0.00	-0.05	-0.05	-0.02	-0.07	-0.07	-0.02	-0.01	-0.05	0.01	-0.06	-0.01	0.00	-0.05	0.01	0.00	0.12	0.03	-0.03	0.00
	Jun	0.73	0.00	0.34	-0.01	0.31	0.02	0.02	0.17	0.22	0.06	0.02	0.03	0.03	-0.06	-0.03	-0.08	0.13	0.02	0.06	0.04	-0.02	0.00	0.00
	Jul	-0.54	0.00	-0.13	0.00	-0.12	0.01	-0.01	-0.05	-0.36	-0.03	-0.04	-0.03	-0.18	0.02	-0.04	0.06	-0.06	0.01	-0.10	-0.09	0.10	0.01	0.00
	Aug	0.01	0.00	-0.05	0.02	-0.05	0.01	-0.02	-0.07	0.12	0.04	0.01	-0.03	0.01	0.02	0.02	0.03	-0.02	0.01	0.16	0.04	-0.12	-0.04	0.00
	Sep	-0.01	0.00	-0.01	-0.02	-0.03	0.03	0.02	0.03	-0.03	-0.08	0.00	0.02	0.01	-0.01	-0.06	-0.02	0.00	0.01	0.00	0.12	-0.01	0.00	0.00
	Oct	-0.45	0.00	-0.17	-0.01	-0.13	-0.05	0.01	-0.04	-0.24	0.02	0.01	-0.02	-0.10	0.00	0.03	-0.05	0.03	0.01	-0.05	-0.06	0.00	-0.04	0.00
	Nov	0.21	0.00	0.06	0.00	0.07	0.00	-0.01	-0.05	0.19	0.04	0.01	0.00	0.08	-0.01	0.01	0.05	-0.01	0.00	-0.04	0.02	0.03	0.02	0.00
	Dec	-0.08	0.00	0.07	-0.01	0.08	0.01	-0.01	-0.03	-0.12	-0.19	-0.01	0.02	0.03	-0.02	-0.01	0.14	0.04	0.00	-0.06	-0.07	0.04	-0.02	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
2021	Dec	8.64	0.00	-1.34	-0.23	-0.58	-0.52	-0.01	0.36	9.61	1.19	0.45	1.09	0.59	0.22	0.23	0.47	0.32	0.29	0.90	3.95	0.24	-0.32	0.01
2022	Jan	12.26	0.01	-0.91	-0.14	-0.35	-0.44	0.02	0.58	12.58	2.23	0.86	1.38	0.70	0.25	0.05	0.67	0.50	0.32	1.52	3.51	0.32	0.25	0.01
	Feb	11.67	0.02	-0.80	-0.05	-0.40	-0.35	0.01	0.42	12.03	1.52	0.76	1.73	0.92	0.22	0.03	0.43	0.57	0.33	1.61	3.32	0.34	0.22	0.02
	Mar	9.34	0.02	-0.76	-0.06	-0.43	-0.28	0.00	0.34	9.74	0.74	0.65	1.86	0.64	0.14	0.06	0.20	0.39	0.32	1.23	2.73	0.45	0.28	0.04
	Apr	5.18	0.03	-0.55	0.09	-0.45	-0.23	0.03	0.21	5.49	-0.12	0.46	1.26	0.36	0.10	0.10	0.33	0.34	0.18	0.69	1.58	0.38	-0.17	0.02
	May	4.24	0.02	-0.50	0.08	-0.36	-0.23	0.01	0.37	4.35	-0.32	0.48	0.48	0.43	0.15	0.11	0.60	0.40	0.11	0.30	1.19	0.24	0.19	0.00
	Jun	2.03	0.01	-0.40	0.14	-0.43	-0.12	0.01	0.26	2.16	-0.54	0.35	0.24	0.32	0.18	0.05	0.19	0.21	0.10	0.16	0.38	0.28	0.25	0.00
	Jul	3.03	0.01	-0.32	0.10	-0.39	-0.03	-0.01	0.44	2.91	-0.40	0.50	0.23	0.34	0.28	0.15	0.35	0.25	0.12	0.29	0.32	0.21	0.25	0.02
	Aug	2.23	0.00	-0.42	-0.13	-0.30	0.01	0.00	0.51	2.13	-0.37	0.37	-0.20	0.41	0.21	0.11	0.49	0.30	0.15	0.31	0.03	0.11	0.18	0.03
	Sep	1.12	0.00	-0.28	-0.06	-0.29	0.05	0.02	0.43	0.97	-0.56	0.33	-0.22	0.37	0.01	0.09	0.34	0.18	0.16	0.25	-0.21	0.09	0.12	0.02
	Oct	1.60	-0.01	-0.13	-0.05	-0.10	0.05	-0.03	0.53	1.21	-0.43	0.28	0.06	0.29	-0.13	0.10	0.79	0.20	0.20	0.26	-0.61	0.16	0.03	0.01
	Nov	0.88	0.00	-0.34	0.01	-0.35	0.01	-0.01	0.43	0.79	-0.38	0.14	0.19	0.37	-0.18	0.05	0.52	0.25	0.15	0.30	-0.77	0.10	0.05	0.00
	Dec	1.05	0.00	-0.36	-0.05	-0.31	0.01	-0.01	0.50	0.91	-0.24	0.02	0.48	0.44	-0.14	0.03	0.50	0.32	0.13	0.18	-1.01	0.07	0.13	-0.02
2023	Jan	1.09	0.00	-0.33	-0.13	-0.18	-0.02	-0.01	0.24	1.18	-0.34	0.17	0.32	0.30	-0.01	0.05	0.38	0.41	0.10	0.11	-0.53	0.12	0.12	-0.02
	Feb	0.62	0.00	-0.29	-0.10	-0.14	-0.03	-0.03	0.34	0.57	-0.25	0.03	-0.03	0.19	0.02	0.02	0.36	0.40	0.02	0.07	-0.54	0.12	0.18	-0.03
	Mar	0.19	0.00	-0.16	-0.12	-0.05	0.02	0.00	0.24	0.11	-0.30	-0.04	-0.12	0.21	0.00	0.03	0.27	0.30	0.02	0.17	-0.61	0.08	0.12	-0.01
	Apr	0.59	0.00	-0.12	-0.14	0.07	-0.01	-0.04	0.21	0.51	-0.32	0.01	-0.06	0.23	-0.01	-0.03	0.19	0.32	0.04	0.10	-0.17	0.07	0.15	-0.02
	May	-0.33	0.00	-0.26	-0.14	-0.03	-0.04	-0.04	0.00	-0.07	-0.21	-0.04	-0.13	0.17	-0.09	-0.06	-0.05	0.18	0.05	0.07	-0.11	0.11	0.07	-0.02
	Jun	1.40	0.00	0.19	-0.13	0.40	-0.03	-0.05	0.33	0.88	-0.06	0.01	-0.11	0.29	-0.16	-0.08	-0.04	0.43	0.06	0.14	0.28	0.06	0.08	-0.03
	Jul	0.41	0.00	0.12	-0.17	0.35	-0.02	-0.04	0.15	0.13	-0.11	-0.20	-0.11	0.03	-0.16	-0.12	0.05	0.31	0.04	0.02	0.14	0.20	0.05	-0.02
	Aug	0.31	0.00	0.15	-0.07	0.28	-0.01	-0.06	0.07	0.09	-0.11	-0.13	-0.06	-0.04	-0.10	-0.10	-0.05	0.24	0.02	0.20	0.15	0.08	0.00	-0.01
	Sep	0.81	0.00	0.15	-0.10	0.29	0.01	-0.04	0.14	0.51	-0.02	-0.16	0.00	0.10	-0.02	-0.15	-0.01	0.29	0.00	0.22	0.21	0.09	-0.03	-0.02
	Oct	-0.47	0.00	-0.06	-0.09	0.05	-0.01	-0.01	0.01	-0.42	-0.19	-0.16	-0.04	-0.07	-0.01	-0.15	-0.22	0.24	0.01	0.14	0.12	0.00	-0.05	-0.02
	Nov	-0.27	0.00	0.02	-0.11	0.18	-0.02	-0.04	-0.05	-0.25	-0.12	-0.07	-0.07	-0.10	-0.05	-0.08	-0.12	0.16	0.02	0.08	0.09	0.07	-0.03	-0.03
	Dec	-0.01	0.00	0.08	-0.06	0.22	-0.03	-0.04	-0.21	0.12	-0.22	0.03	-0.02	-0.09	-0.11	-0.09	0.00	0.19	0.03	0.13	0.22	0.15	-0.06	-0.02

1 The GVA output is designated as a National Statistic.
2 Estimates cannot be regarded as accurate to the last digit shown.
3 A complete run of data is available on the ONS website.
4 Contributions are based on output GVA growth
5 The construction growth rates calculated from this release may have small differences, because of rounding, to those in Construction Output in Great Britain releases.