

Statistical bulletin

# GDP monthly estimate, UK: January 2024

Gross domestic product (GDP) measures the value of goods and services produced in the UK. It estimates the size of and growth in the economy.



Contact:  
Gross Domestic Product team  
[gdp@ons.gov.uk](mailto:gdp@ons.gov.uk)  
+44 1633 455284

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# 1 . Main points

- Monthly real gross domestic product (GDP) is estimated to have grown by 0.2% in January 2024, following a fall of 0.1% in December 2023.
- Real GDP is estimated to have fallen by 0.1% in the three months to January 2024, compared with the three months to October 2023.
- Services output grew by 0.2% in January 2024 and was the largest contributor to the rise in GDP, but in the three months to January 2024 services output showed no growth.
- Production output fell by 0.2% in January 2024, and in the three months to January 2024 production output also fell by 0.2%.
- Construction output grew by 1.1% in January 2024, but in the three months to January 2024 construction output fell by 0.9%.

## 2 . Monthly GDP

Real gross domestic product (GDP) is estimated to have fallen by 0.1% in the three months to January 2024, compared with the three months to October 2023. Services output showed no growth in this period, while production output fell by 0.2% and construction output also fell, by 0.9%.

Monthly GDP is estimated to have grown by 0.2% in January 2024, following a fall of 0.1% in December 2023. There are no periods open for revision in this publication.

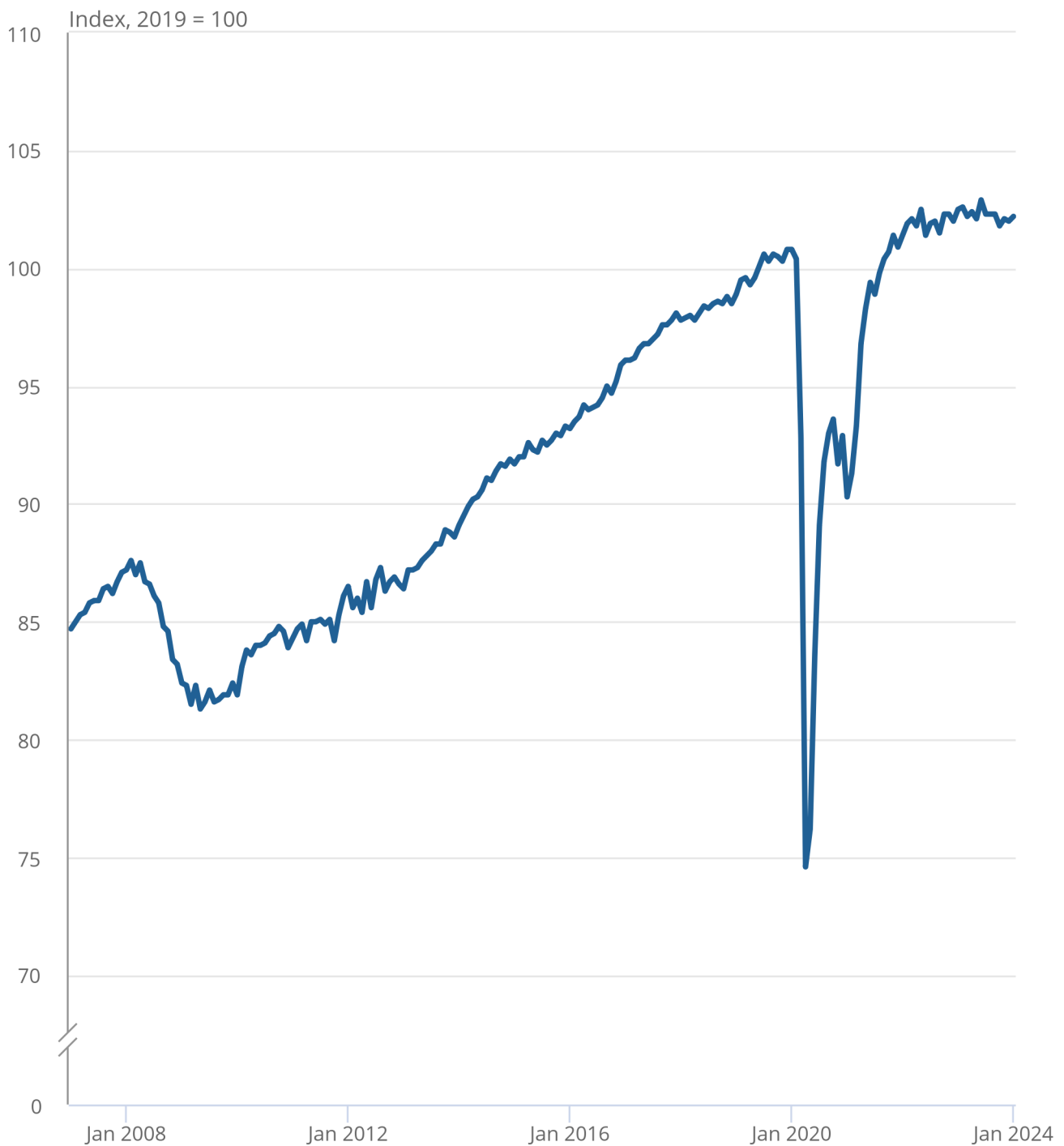
It is important to note that early estimates of GDP are subject to revision (positive and negative), please see our [Why GDP figures are revised](#) article for more information.

**Figure 1: UK GDP is estimated to have grown by 0.2% in January 2024, but in the three months to January 2024 has fallen by 0.1%**

Monthly index, UK, January 2007 to January 2024

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Monthly index, UK, January 2007 to January 2024



Source: GDP monthly estimate from the Office for National Statistics

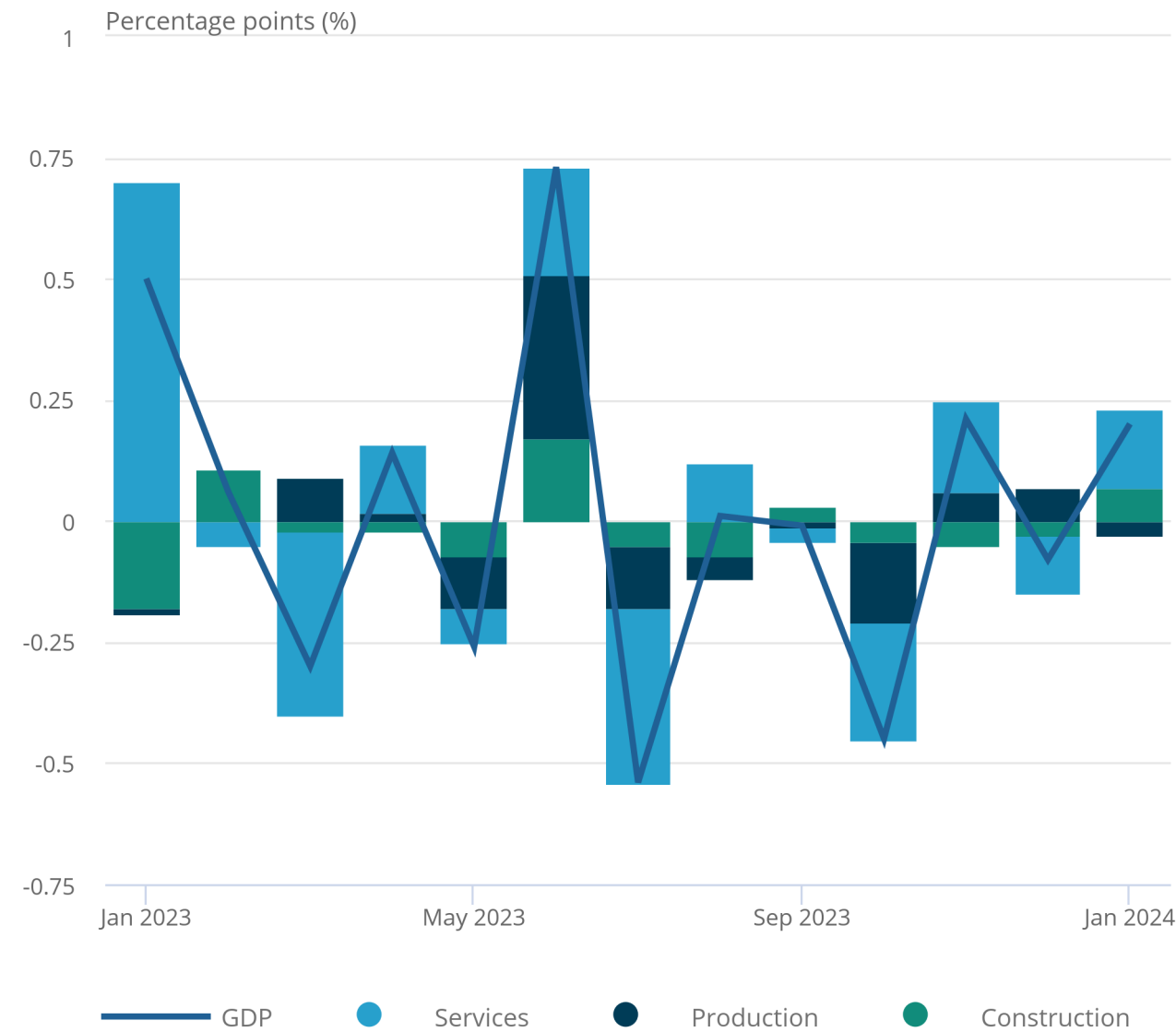
Services output grew by 0.2% in January 2024 after a fall of 0.1% in December 2023, and was the largest contributor to the growth in monthly GDP. Construction output also grew in January 2024, by 1.1%, after a fall in December 2023, of 0.5%. While production output fell by 0.2% in January 2024 after a growth of 0.6% in December 2023.

Figure 2: The services sector was the main contributor to the 0.2% growth in GDP in January 2024

Contributions to monthly GDP growth, UK, January 2023 to January 2024

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Contributions to monthly GDP growth, UK, January 2023 to January 2024



Source: GDP monthly estimate from the Office for National Statistics

Notes:

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

GDP is estimated to have fallen by 0.3% in January 2024 compared with the same month last year and, looking over the longer term, GDP is estimated to have fallen by 0.2% in the three months to January 2024 compared with the three months to January 2023.

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- View [all economic data](#).

### 3 . The services sector

Overall, the services sector is estimated to have shown no growth in the three months to January 2024 compared with the three months to October 2023, with 6 of the 14 subsectors declining over this period.

Education was the largest negative contributor to services output in this three-month period, falling by 1.7%. Wholesale and retail trade; repair and maintenance of motor vehicles and motorcycles, and finance and insurance activities also fell by 0.4% and 0.5%, respectively.

These falls were offset by growth in 6 of the 14 services subsectors over the same period, with the largest positive contribution coming from growth of 0.8% in professional, scientific and technical activities.

On the month, services output is estimated to have grown by 0.2% in January 2024, following a fall of 0.1% in December 2023, with 9 of the 14 subsectors experiencing growth in January 2024. Figure 3 shows both the monthly and the three-month contributions from the services sector to gross domestic product (GDP) in January 2024.



**Figure 3: The wholesale and retail trade; repair of motor vehicles and motorcycles sub-sector was the largest contributor to the growth in services in January 2024**

Monthly and three-month services contributions to GDP, UK, January 2024

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Monthly and three-month services contributions to GDP, UK, January 2024



Notes:

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

The largest contribution to the 0.2% growth in services in January 2024 was wholesale and retail trade; repair of motor vehicles and motorcycles, which saw a 1.9% growth on the month, following a 1.9% fall in December 2023. The largest contribution came from retail trade, except of motor vehicles and motorcycles, which grew by 3.4%. More information on this can be found in our [Retail sales, Great Britain: January 2024](#) publication. Wholesale trade, excluding motor vehicles and motorcycles grew by 1.8% while wholesale and retail trade and repair of motor vehicles and motorcycles fell by 3.1%.

Human health and social work activities grew by 0.6% in January 2024 following a 0.9% fall in December 2023. Human health activities grew by 0.9%, mainly caused by growth in the market sector, and was the largest contributor to this growth in January 2024. Education also saw growth on the month, up by 0.7%, following three consecutive monthly declines.

These growths were partially offset by a monthly fall of 0.9% in professional, scientific and technical activities, where five of the eight industries saw falls on the month. The largest contributions came from legal activities (down 3.5%), architectural and engineering activities; technical testing and analysis (down 2.6%), and accounting, bookkeeping and auditing activities; tax consultancy (down 1.8%).

Information and communication fell by 0.7% in January 2024, mainly attributed to a 9.5% fall in motion picture, video and TV programme production, sound recording and music publishing activities.

An overview of data sources used in our estimates of service output can be found in our [data sources catalogue](#). The Monthly Business Survey (MBS) is used for 42.9% of the services sector by industry weight. In January 2024, the turnover response rate for the MBS element of the services sector was 85.3%. 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 service sector in 2022 now stands at 97.0%.

## Consumer-facing services

Consumer-facing services showed no growth in the three months to January 2024 compared with the three months to October 2023. The largest positive contribution over this period was a 5.2% growth in sports activities and amusement and recreation activities, while the largest negative contributor was buying and selling, renting and operating of own or leased real estate, excluding imputed rental, which fell by 1.1%.

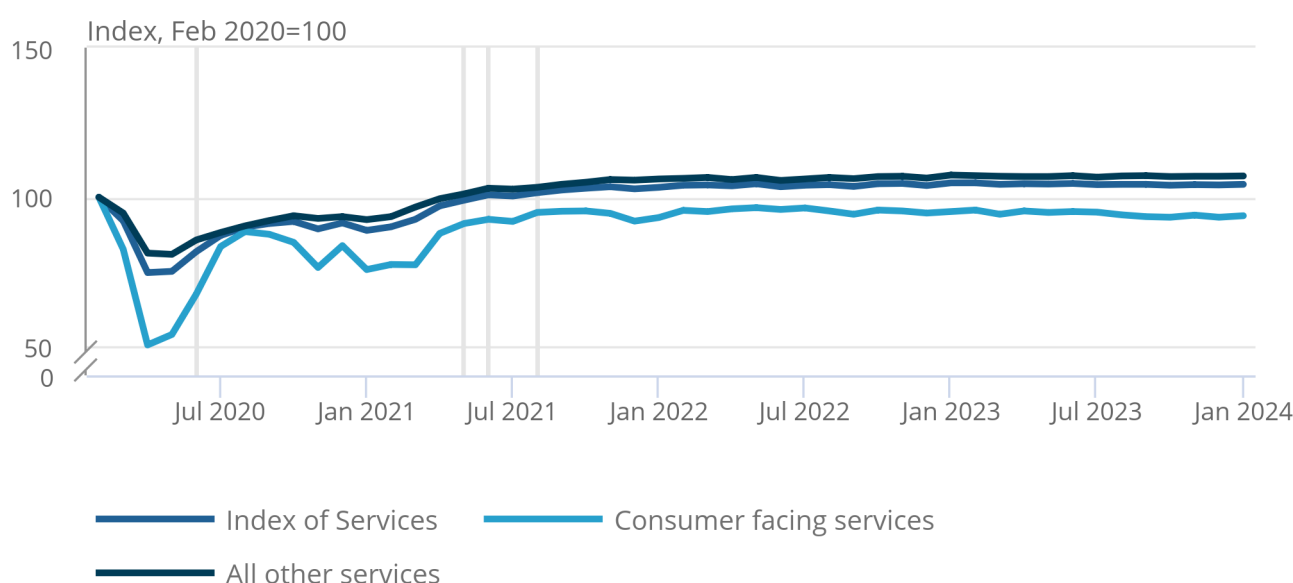
Output in consumer-facing services grew by 0.6% in January 2024, following a fall of 0.8% in December 2023 (Figure 4). The largest positive contribution in January 2024 came from retail trade, except of motor vehicles and motorcycles, which grew by 3.4% as published in our [Retail sales, Great Britain: January 2024 bulletin](#). The largest negative contribution to consumer-facing services in January 2024 came from the wholesale and retail trade and repair of motor vehicles and motorcycles industry, which fell by 3.1% in January 2024.

**Figure 4: Consumer-facing services grew by 0.6% in January 2024 but showed no growth in the three months to January 2024**

Monthly index of services, UK, February 2020 to January 2024

Figure 4: Consumer-facing services grew by 0.6% in January 2024 but showed no growth in the three months to January 2024

Monthly index of services, UK, February 2020 to January 2024



Source: GDP monthly estimate from the Office for National Statistics

### Notes:

1. Consumer-facing services refer to a subset of industries within the services sector that are predominantly consumed by households, for example, retail trade and food and beverage services. A full list of industries included is provided in [Section 9: Measuring the data](#).
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 202

More detailed breakdowns on services are available in the [Index of Services, UK: January 2024](#).



## 4 . The production sector

Production output is estimated to have fallen by 0.2% in the three months to January 2024 compared with the three months to October 2023, driven by a 3.3% fall in mining and quarrying. The fall in mining and quarrying over this period was mainly caused by declines in the extraction of crude petroleum and natural gas (down 2.8%) as well as other mining and quarrying (down 7.3%), which saw a large fall on the month in January 2024.

Manufacturing output grew by 0.3% in the three months to January 2024, compared with the three months to October 2023. Electricity, gas, steam and air conditioning supply, and water supply; sewerage, waste management and remediation activities fell by 1.6% and 1.0%, respectively, over the same period.

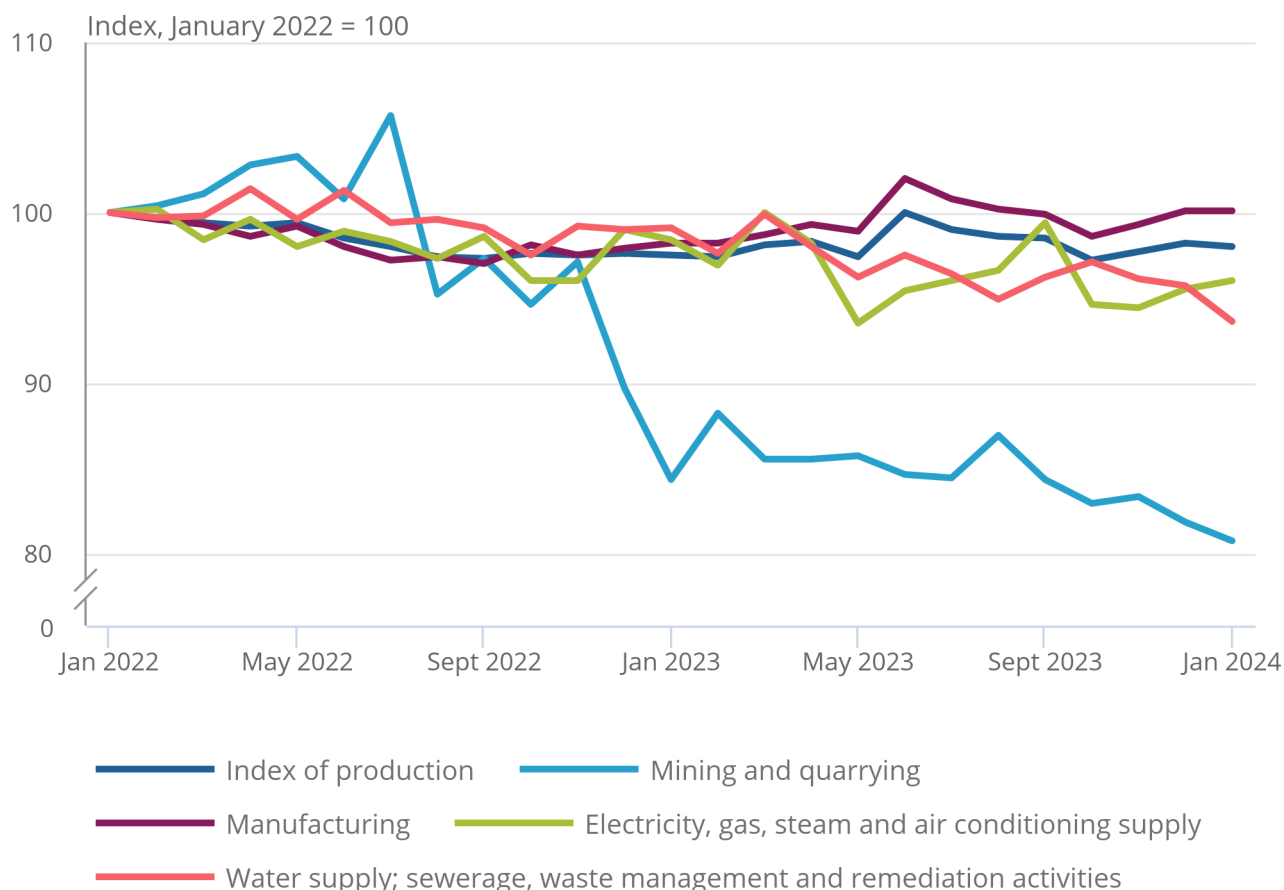
On the month, production output is estimated to have fallen by 0.2% in January 2024, driven by a fall of 2.2% in water supply; sewerage, waste management and remediation activities. This monthly fall in production follows two months of growth in November and December 2023 (0.5% in November and 0.6% in December) and a fall of 1.4% in October.

**Figure 5: Production output fell by 0.2% in January 2024 and by 0.2% in the three months to January 2024**

Monthly index, UK, January 2022 to January 2024

Figure 5: Production output fell by 0.2% in January 2024 and by 0.2% in the three months to January 2024

Monthly index, UK, January 2022 to January 2024



Source: GDP monthly estimate from the Office for National Statistics

**Notes:**

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

Mining and quarrying output fell by 1.3% in January 2024, after a fall of 1.8% in December 2023. The January 2024 fall was driven by a 11.4% decline in other mining and quarrying.

Mining and quarrying output is estimated to be 19.3% below its level in January 2022. The decline since January 2022 can be mainly attributed to the extraction of crude petroleum and natural gas. The Department for Energy Security and Net Zero (DESNZ) [energy trends publication](#) reports reduced investment in the mature North Sea basin as a reason for the recent downward trend in this industry. Figure 6 shows the longer-term downwards trend in mining and quarrying output.

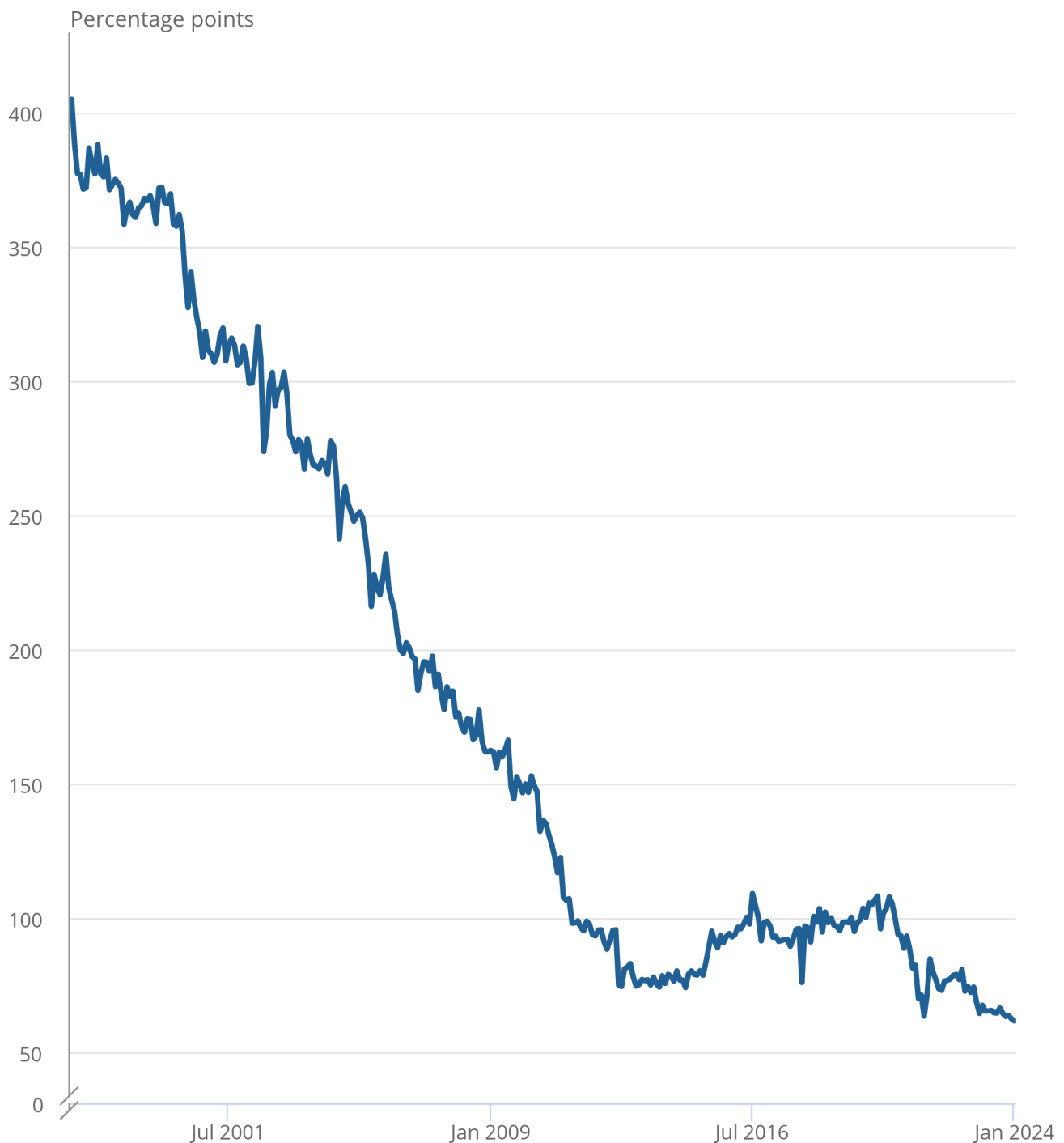
**Figure 6: Mining and quarrying has declined by 19.3% since January 2022, which follows the downward trend of the longer-term time series**

Monthly index, UK, January 1997 to January 2024



Figure 6: Mining and quarrying has declined by 19.3% since January 2022, which follows the downward trend of the longer-term time series

Monthly index, UK, January 1997 to January 2024



Source: GDP monthly estimate from the Office for National Statistics

Electricity, gas, steam and air conditioning supply grew by 0.5% in January 2024 after growth of 1.1% in December 2023. Electric power generation, transmission and distribution grew by 1.0%. This was partially offset by manufacture of gas; distribution of gaseous fuels through mains; steam and aircon supply. This fell by 1.4% after growth of 13.3% in December 2023, which was the strongest growth in this industry since December 2021.

Water supply; sewerage, waste management and remediation activities fell by 2.2% in January 2024 and was the largest contributor to the fall in production output in this period. This was mainly caused by falls in sewerage (down 3.5%), and waste collection, treatment and disposal activities; materials recovery (down 2.1%).

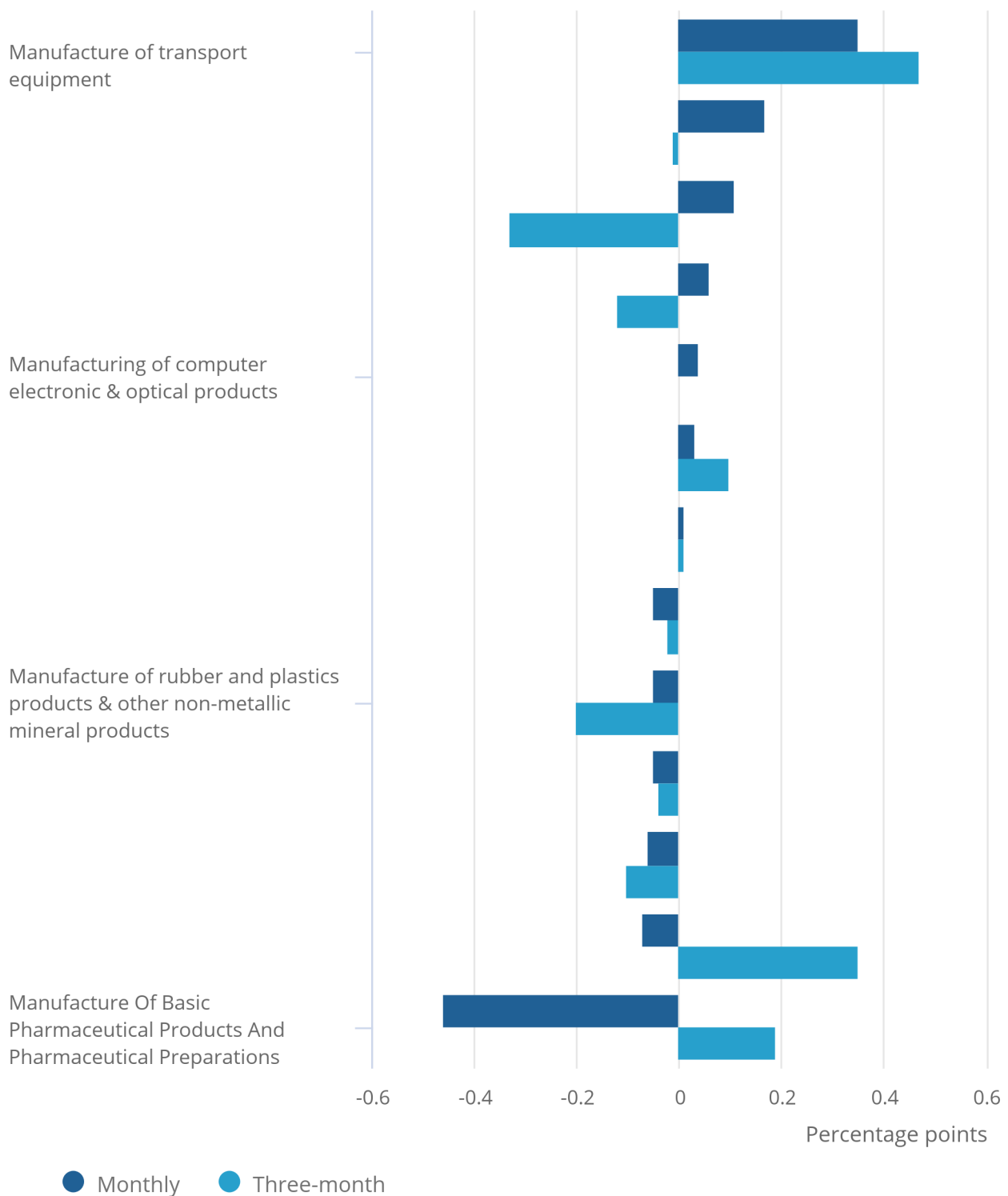
Manufacturing showed no growth in January 2024, with growth in 7 of the 13 subsectors offset by falls in the other 6 subsectors, after growth of 0.8% in December 2023. The largest positive contributions in January 2024 came from manufacture of transport equipment (up 2.3%), other manufacturing and repair (up 1.8%), and manufacture of machinery and equipment not elsewhere classified (n.e.c.) (up 1.7%). The largest negative contributor came from manufacture of basic pharmaceutical products and pharmaceutical preparations (down 5.1%). Both the monthly and three-month contributions are shown in Figure 7.

**Figure 7: Manufacturing showed no growth in January 2024 but grew by 0.3% in the three months to January 2024**

Monthly and three-month manufacturing subsectors contributions to Manufacturing output, UK, January 2024

# Figure 7: Manufacturing showed no growth in January 2024 but grew by 0.3% in the three months to January 2024

Monthly and three-month manufacturing subsectors contributions to Manufacturing output, UK, January 2024



**Source: GDP monthly estimate from 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 January 2024, the turnover response rate for the MBS element of the production sector was 83.0%. We would expect this to increase over time as more responses from businesses are received and any new data will be included in future monthly gross domestic product (GDP) releases in-line with the National Accounts Revisions Policy. For context the average turnover response rate for the production sector in 2022 now stands at 96.9%. A full set of data sources used in monthly GDP can be found in our [data source catalogue](#).

More detailed breakdowns on production are available in the [Index of Production, UK: January 2024](#).

## 5 . The construction sector

Construction output is estimated to have fallen 0.9% in the three months to January 2024 compared with the three months to October 2023. New work decreased 4.5% over the period, while repair and maintenance rose by 4.0%. Within new work, the largest contributor to the decrease came from infrastructure new work, which decreased by 9.3%.

In January 2024, monthly construction output is estimated to have increased 1.1% in volume terms. This follows three consecutive falls in monthly construction output.

The increase in monthly output in January 2024 came from increases in both new work (1.1%) and repair and maintenance (1.2%).

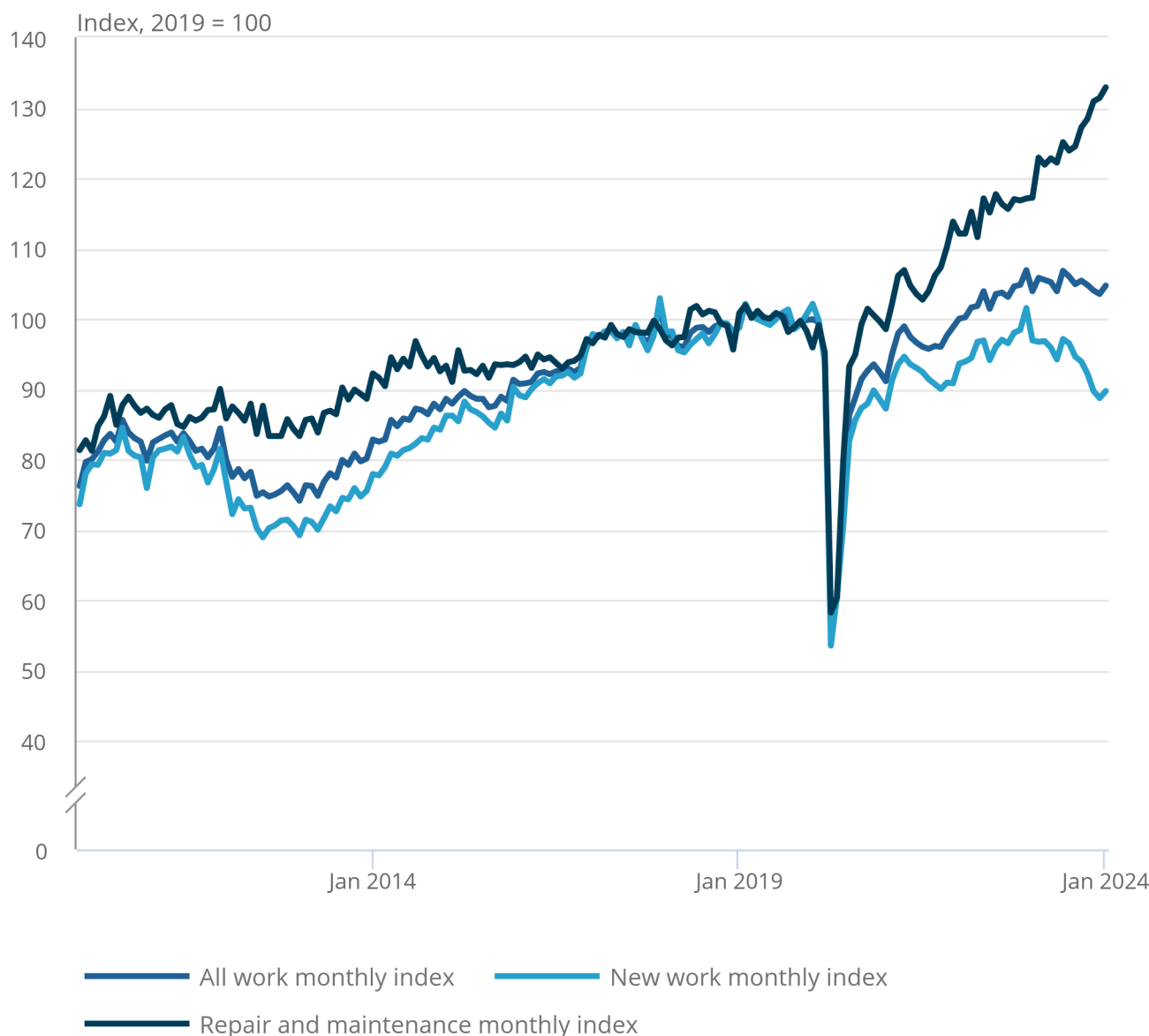
Six out of the nine construction sectors saw an increase on the month; the main contributors to the monthly increase were private new housing, and non-housing repair and maintenance, which increased 2.6% and 1.9%, respectively.

**Figure 8: The monthly all work construction output index increased by 1.1% in January 2024 but fell by 0.9% in the three months to January 2024**

Monthly all work index, chained volume measure, seasonally adjusted, Great Britain, January 2010 to January 2024

### Figure 8: The monthly all work construction output index increased by 1.1% in January 2024 but fell by 0.9% in the three months to January 2024

Monthly all work index, chained volume measure, seasonally adjusted, Great Britain, January 2010 to January 2024



**Source: Construction output and employment from the Office for National Statistics**

Construction data are sourced from our Monthly Business Survey. For January 2024, the survey turnover response rate for construction was 75.0%. 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 94.6%.

Further detail on construction output growth rates can be found in our [Construction output in Great Britain: January 2024](#) bulletin.

## 6 . Cross-industry themes

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

Comments provided to the MBS for January 2024 suggested some industries saw supply chains impacted by disruption in the Red Sea. These comments to the survey centred in the wholesale and warehousing industries.

Further analysis on the Business Insights and Conditions Survey (BICS) suggested [the conflict in the Middle East also impacted industries in the manufacturing sector](#). While unable to quantify the impact this was cited as the main reason for global supply chain disruption in January 2024 by a range of manufacturing industries, including the manufacture of textiles, rubber and plastic products, food products and electrical equipment.

Like recent months, industrial action was again cited as a reason this month, which may have negatively impacted output. In January 2024, there were six days of industrial action by junior doctors and hospital dental trainees after three days of industrial action took place in December 2023. NHS England reported that [113,779 inpatient procedures and outpatient appointments were rescheduled during the industrial action in January 2024](#). Industrial action was also cited as a reason in the rail sector and while the industrial action had ceased, the Screen Actors Guild strikes in America were cited as a factor which may have reduced film and TV production this month.

## 7 . Monthly GDP data

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

Dataset | Released 13 March 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](#)

Dataset | Released 13 March 2024

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

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

Dataset MGDGP | Released 13 March 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](#)

Dataset | Released 13 March 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](#)

Dataset | Released 13 March 2024

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

## 8 . Glossary

## 9 . Measuring the data

Further information on measuring the data across our main data sources is available in the following releases:



- [Construction output in Great Britain: January 2024.](#)
- [Index of Production, UK: January 2024.](#)
- [Index of Services, UK: January 2024](#)

The main data source for these statistics is the Monthly Business Survey (MBS) and response rates for each are:

- [Construction response rates](#)
- [Index of Production response rates](#)
- [Index of Services response rates](#)

The [Monthly 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 as to 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 estimate 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 given 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:

- Wholesale and retail trade and repair of motor vehicles and motorcycles
- Retail trade, except of motor vehicles and motorcycles
- Rail transport
- Accommodation
- Food and beverage service activities
- Buying and selling, renting and operating of own or leased real estate, excluding imputed rental
- Veterinary activities
- Travel agency, tour operator and other reservation service and related activities
- Gambling and betting services
- Sports activities and amusement and recreation activities
- Activities of membership organisations
- Other personal service activities
- Activities of households as employers of domestic personnel

## 10 . 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.

## 11 . Related links

### [Construction output in Great Britain: January 2024](#)

Bulletin | Released 13 March 2024

Short-term measures of output by the construction industry

### [Index of Production, UK: January 2024](#)

Bulletin | Released 13 March 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: January 2024](#)

Bulletin | Released 13 March 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 article](#)

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.

### [Why GDP figures are revised](#)

Article | Released 12 February 2024

Learn more about how gross domestic product (GDP) figures are revised over time between the monthly, quarterly and annual estimates.

### [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.

## 12 . Cite this statistical bulletin

Office for National Statistics (ONS), released 13 March 2024, ONS website, statistical bulletin, [GDP monthly estimate, UK: January 2024](#)

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	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
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	102.2	102.3	84.3	101.9	122.2	103.0	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	98.2	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	100.7	101.9	104.2	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	103.3	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	103.4	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
2024 Jan	102.2	86.0	94.5	61.9	102.3	61.8	99.9	104.2	103.5	99.3	83.3	99.0	121.7	102.9	100.8	112.7	105.1	102.0	102.1	104.8	108.0	98.7	65.1
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						

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	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
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	0.0	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
2024 Jan	-0.2	0.5	0.4	-9.3	2.0	-2.6	-4.0	-1.1	-0.2	-1.4	-2.2	-1.7	-1.9	-1.4	-0.7	-0.4	3.1	0.5	1.4	2.0	7.8	-3.4	-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
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	2.7	0.5	-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	0.0	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
2024 Jan	0.2	0.2	-0.2	-1.3	0.0	0.5	-2.2	1.1	0.2	1.9	0.2	-0.6	-0.7	-0.4	0.0	-0.9	0.6	0.1	0.7	0.6	1.0	0.4	1.0

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: 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	
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
2024	Jan	-0.3	0.6	0.5	-4.3	2.0	-2.5	-5.6	0.7	-0.5	-1.0	-5.2	-1.8	-3.1	-2.2	-0.7	0.4	2.6	0.7	0.6	2.1	8.1	-4.7	-9.3

1 The GVA output is designated as a National Statistic.

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

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

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

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

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

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

Industry sections (SIC2007)																							
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction <sup>4</sup>	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers, undifferentiated goods and services
Section	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
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 <sup>3,5</sup>																							
2021 Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023 Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Percentage change, latest 3 months on same 3 months a year ago <sup>3,5</sup>																							
2021 Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023 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

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

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	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 <sup>3,5</sup>																							
2021	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
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	
2023	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
Percentage change, latest month on same month a year ago <sup>3,5</sup>																							
2021	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
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	
2023	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
	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		

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](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	
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
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	0.22	-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	-0.06	0.03	0.01	0.03	0.08	0.04	-0.03	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
2024	Jan	-0.08	0.00	-0.02	-0.02	0.03	-0.01	-0.01	-0.06	0.00	-0.04	0.01	0.00	0.02	-0.04	0.00	0.07	0.05	0.01	-0.10	-0.01	0.05	-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
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	-0.04	-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
2024	Jan	-0.20	0.00	0.05	-0.07	0.20	-0.02	-0.05	-0.07	-0.18	-0.15	-0.08	-0.05	-0.14	-0.12	-0.09	-0.03	0.16	0.03	0.08	0.16	0.11	-0.06	-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

	Industry sections (SIC2007)																							Activities of households as employers, undifferentiated goods and services
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities		
Section	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
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 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
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	0.09	-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	-0.02	-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	0.00	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	0.01	0.02	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	-0.17	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
2024	Jan	0.20	0.00	-0.03	-0.01	0.00	0.00	-0.03	0.07	0.16	0.18	0.01	-0.02	-0.05	-0.03	0.00	-0.07	0.03	0.00	0.04	0.05	0.02	0.01	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
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	-0.01
	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
2024	Jan	-0.30	0.00	0.07	-0.03	0.19	-0.02	-0.07	0.05	-0.42	-0.10	-0.18	-0.05	-0.24	-0.18	-0.09	0.03	0.14	0.03	0.03	0.17	0.12	-0.08	-0.01