

Statistical bulletin

GDP monthly estimate, UK: July 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:
13 September 2023

Next release:
12 October 2023

Notice

13 September 2023

There are no revisions to previously published data in this monthly release because of the regular [National Accounts revision policy](#). We will see the data revisions from our pre-announced changes highlighted in our [Impact of Blue Book 2023 article](#) in the Quarterly National Accounts release (to be published on 29 September), and also in the next monthly GDP release (published on 12 October).

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1 . Main points

- There are no revisions to previously published data in this monthly release because of the regular [National Accounts revision policy](#); we will see the data revisions from our pre-announced changes highlighted in our [Impact of Blue Book 2023 article](#) in the Quarterly National Accounts release (to be published on 29 September), and also in the next monthly GDP release (published on 12 October).
- For July 2023, monthly real gross domestic product (GDP) is estimated to have fallen by 0.5%, with falls in all three main sectors, following growth of 0.5% in June 2023.
- Looking at the broader picture, GDP increased by 0.2% in the three months to July 2023, with growth in all three main sectors.
- Services output was down 0.5% in July 2023, after growth of 0.2% in June 2023, and was the main contributor to the fall in GDP in July.
- Output in consumer-facing services showed no growth in July 2023, following growth of 0.5% in June 2023.
- Production output fell by 0.7% in July 2023, after growth of 1.8% in June 2023.
- The construction sector fell by 0.5% in July 2023, after growth of 1.6% in June 2023.

2 . Monthly GDP

Monthly real gross domestic product (GDP) is estimated to have fallen by 0.5% in July 2023 (Figure 1) following growth of 0.5% in June 2023. There are no revisions to previously published data in this monthly release because of the regular [National Accounts revision policy](#). We will see the data revisions from our pre-announced changes highlighted in our [Impact of Blue Book 2023 article](#) in the Quarterly National Accounts release (to be published on 29 September), and also in the next monthly GDP release (published on 12 October).

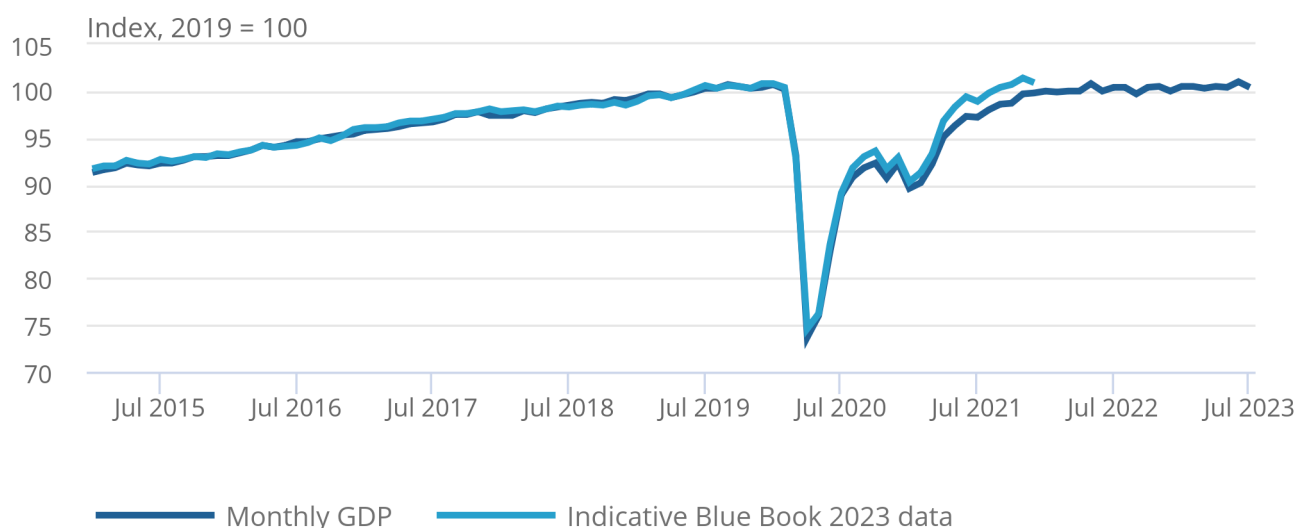
Looking over a broader picture, GDP showed 0.2% growth in the three months to July 2023 when compared with the three months to April 2023. Production grew by 0.6% and was the main contributing sector to the three-month growth. Services and construction output also increased in the three months to July, both by 0.1%.

Figure 1: UK GDP is estimated to have fallen by 0.5% in July 2023, following 0.5% growth in June 2023

Monthly index, January 2015 to July 2023, UK

Figure 1: UK GDP is estimated to have fallen by 0.5% in July 2023, following 0.5% growth in June 2023

Monthly index, January 2015 to July 2023, UK



Source: GDP monthly estimate from the Office for National Statistics

Notes:

1. The indicative Blue Book 2023 data provides an estimate from our [Impact of Blue Book 2023 article](#) for context. These will be incorporated in the Quarterly National Accounts release on 29 September and the next monthly GDP release on 12 October.
2. Indicative Blue Book 2023 data are only available up to December 2021.

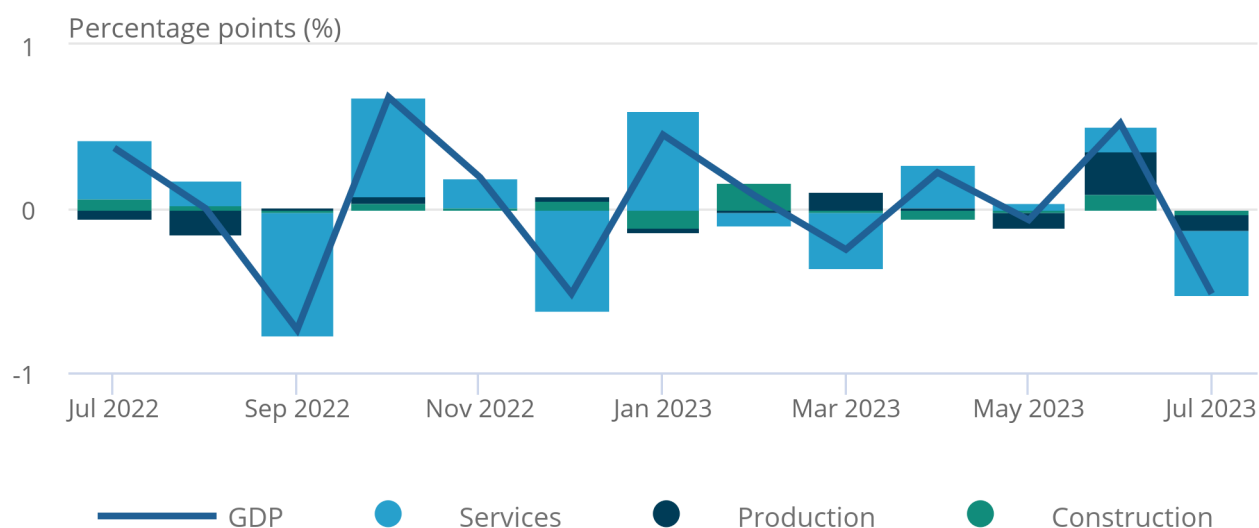
All of the main sectors fell in July 2023. Output in services sector fell by 0.5% and was the largest contributor to the fall in monthly GDP; production output fell by 0.7% and construction output fell by 0.5%. This is the first month since June 2022 that all three sectors contributed negatively to GDP on the month.

Figure 2: All of the main sectors contributed to the fall in GDP in July 2023

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

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



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.

Monthly GDP showed no growth in July 2023 compared with the same month last year. For comparison, monthly GDP grew by 0.9% between June 2022 and June 2023. The Platinum Jubilee in 2022, and the move of the May bank holiday, led to an additional working day in May 2022 and two fewer working days in June 2022. It should also be noted that May 2023, saw one fewer working day as there was an additional bank holiday for the coronation of King Charles III. This should be considered when interpreting seasonally adjusted movements involving these months.

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- View [all economic data](#).

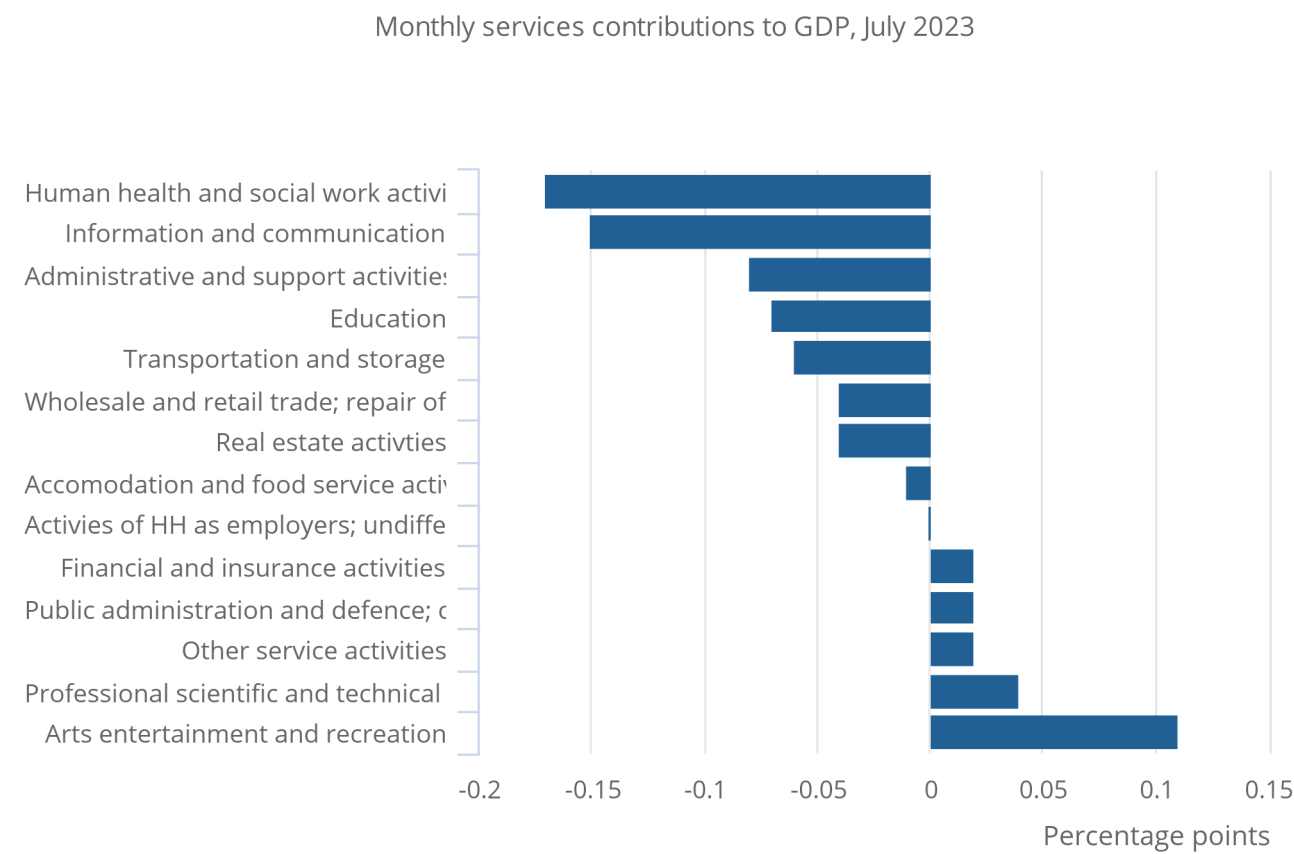
3 . The services sector

Services output fell by 0.5% in July 2023, following growth of 0.2% in June 2023. Overall, the services sector grew by 0.1% in the three months to July 2023 compared with the three months to April 2023. Figure 3 shows the monthly contributions from the services sector to gross domestic product (GDP) in July 2023.

Figure 3: Human health and social work activities was the largest contributor to the 0.5% fall in services output in July 2023

Monthly services contributions to GDP, July 2023

Figure 3: Human health and social work activities was the largest contributor to the 0.5% fall in services output in July 2023



Source: GDP monthly estimate from the Office for National Statistics

Notes:

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

The main contributor to the fall in monthly services output was the human health and social work activities sub-sector, which fell by 2.1% in July 2023. This was attributed entirely to a 3.4% fall in the human health activities industry. Industrial action was held in July by NHS senior doctors (two days) and radiographers (two days) for the first time while industrial action by junior doctors increased (five days in July, compared with three in June). [NHS England](#) reported that 65,557 appointments and procedures were cancelled because of the senior doctors strike and 101,977 acute inpatient and outpatient appointments were cancelled because of the industrial action by junior doctors.

The next largest contributor to the fall in services output in July 2023 was the 2.1% fall in information and communication, following on from three consecutive monthly growths in this sub-sector. Computer programming, consultancy and related activities was the largest contributing industry, falling by 3.4% in July after three consecutive monthly growths in April, May, and June 2023.

Administrative and support service activities also fell in July 2023, by 1.4%. The largest industry within this sub-sector was employment activities, which fell by 2.3% in July after a growth of 2.1% in June. This industry has had a decrease in monthly output in 9 of the last 12 months. Education also fell in July 2023, by 1.1%, where the sector saw two days of industrial action in England at the start of the month. Please note that education attendance is considered to be constant over the school year, so summer holidays and school leavers did not reduce the estimate of education output in July 2023.

The main offsetting positive contribution was from the arts, entertainment and recreation sub-sector, which grew by 6.6% in July 2023; this was its largest growth since May 2021. Sports activities and amusement and recreation activities grew by 12.4% and creative, arts and entertainment grew by 4.9%.

Consumer-facing services

Output in consumer-facing services showed no growth in July 2023, while all other services fell by 0.6%. The largest positive contributions to consumer-facing services in July 2023 came from the sports activities and amusement and recreation activities industry (up 12.4%) and wholesale and retail trade and repair of motor vehicles and motorcycles (up 2.2%).

The largest negative contributions came from retail trade, except of motor vehicles and motorcycles (down 1.2%) and travel agency, tour operator and other reservation service and related activities (down 3.2%).

On the three months to July, consumer-facing services have growth by 0.7%

More detailed breakdowns on services are available in our [Index of Services, UK: July 2023](#).

4 . The production sector

Production output fell by 0.7% in July 2023, following growth of 1.8% in June 2023 (Figure 4). The largest falling sub-sector was manufacturing, which fell by 0.8% in July 2023.

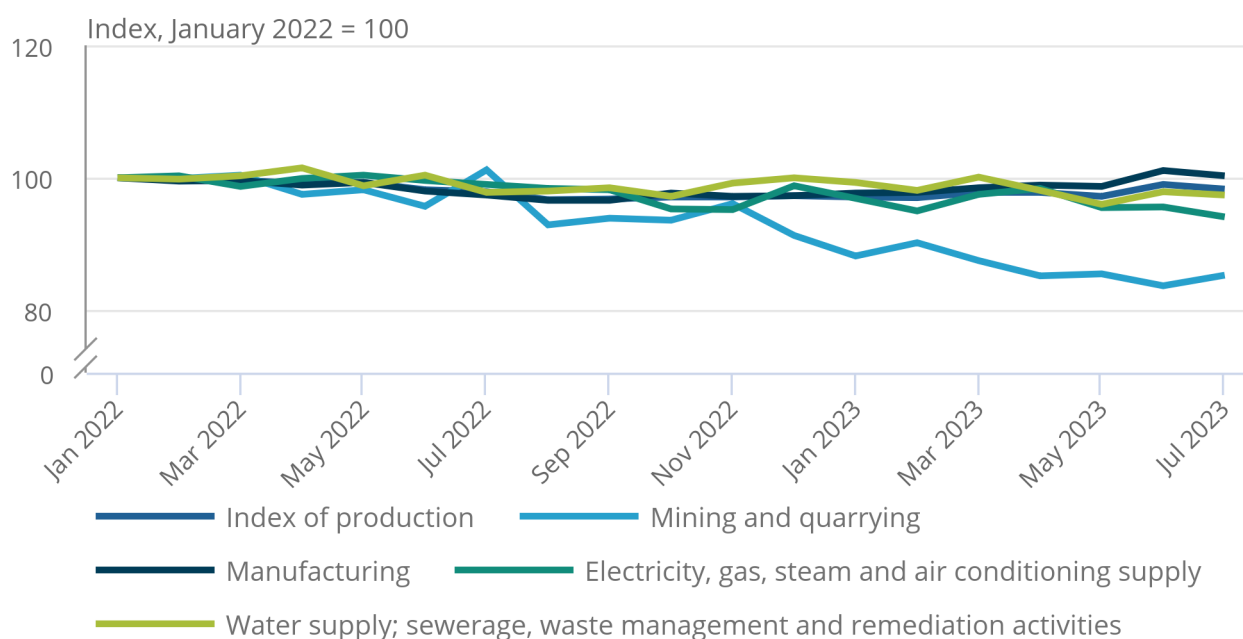
Overall, production output grew by 0.6% in the three months to July 2023, compared with the three months to April 2023. Manufacturing was also the main contributor to the three-month growth, where manufacturing output grew by 1.7% in the three months to July 2023.

Figure 4: Production output fell by 0.7% in July 2023, following growth of 1.8% in June 2023

Monthly index, January 2022 to July 2023

Figure 4: Production output fell by 0.7% in July 2023, following growth of 1.8% in June 2023

Monthly index, January 2022 to July 2023



Source: GDP monthly estimate from the Office for National Statistics

Notes:

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

Manufacturing's 0.8% fall was the main contributor to the monthly fall in production, with 9 of its 13 subsectors down on the month (Figure 5). This follows growth of 2.4% in June 2023, the strongest monthly growth since November 2020, where a number of businesses told us that output increased in June 2023 compared with May 2023 because of the additional bank holiday in May.

Manufacture of rubber and plastics products and other non-metallic mineral products was the largest contributor to the fall, down by 5.5%. This is followed by the manufacturing of computer, electronic and optical products, which was down 3.2% in July. The largest offsetting positive contribution within manufacturing came from manufacture of machinery and equipment not elsewhere classified (NEC), which grew by 2.8%.

Mining and quarrying was the only production sub-sector to see increased output in July 2023, growing by 1.9%, caused by growth of 2.9% in the extraction of crude petroleum and natural gas.

Electricity, gas, steam and air conditioning supply fell by 1.5% in July 2023, caused by a 2.5% fall in electric power generation, transmission and distribution.

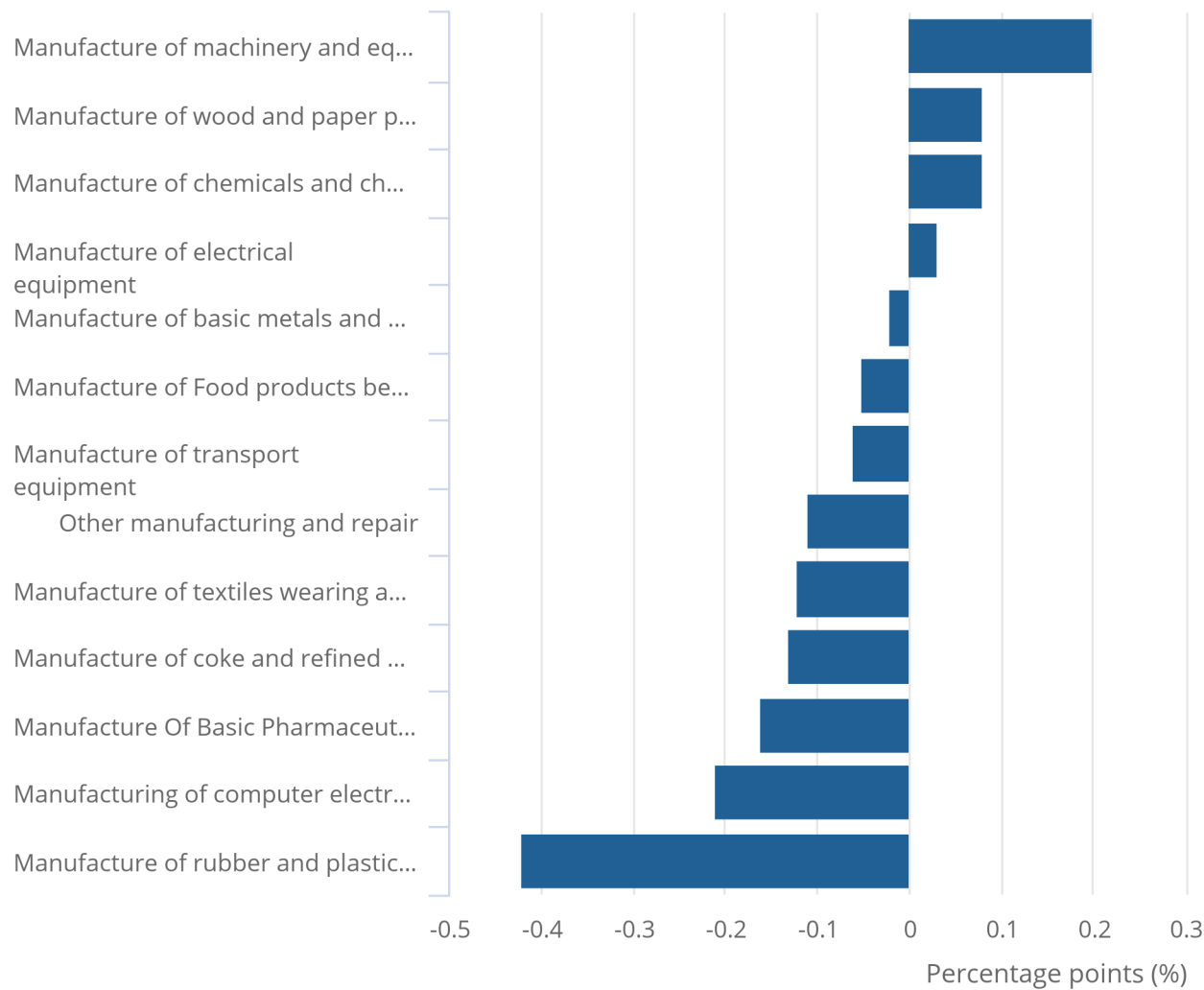
Water supply and sewerage fell by 0.5%, mainly attributed to a 1.6% fall in water collection, treatment and supply.

Figure 5: 9 out of 13 manufacturing sub-sectors contributed negatively to the 0.8% fall in manufacturing output in July 2023

Monthly manufacturing sub-sectors contributions to manufacturing output, July 2023, UK

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Monthly manufacturing sub-sectors contributions to manufacturing output, July 2023, UK



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.

More detailed breakdowns on production are available in our [Index of Production, UK: July 2023](#).

5 . The construction sector

Monthly construction output is estimated to have decreased 0.5% in volume terms in July 2023. This follows a 1.6% increase in June 2023, where businesses told us that extremely good weather and an additional working day, compared with May, because of the additional bank holiday for King Charles III coronation, had boosted output.

The decrease in monthly output came solely from a decrease in repair and maintenance (1.3% fall), with new work increasing (0.1%) on the month. Five out of the nine sectors saw a decrease on the month.

At the sector level, the main contributors to the monthly decrease were private housing repair and maintenance and private housing new work, which decreased by 3.9% and 2.2%, respectively.

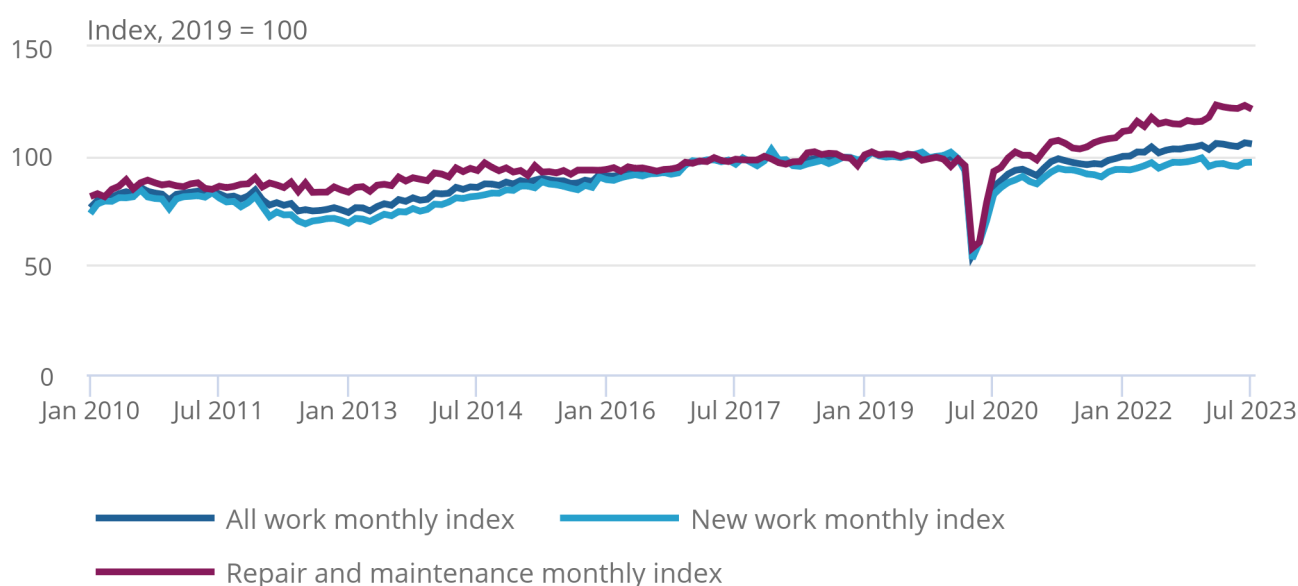
Anecdotal evidence received from returns for the [Monthly Business Survey \(MBS\) for construction and allied trades](#) suggested an effect from heavy rainfall and lower-than-average temperatures. The Met Office confirmed in their [Monthly climate summary \(PDF, 5.7MB\)](#) that July 2023 was the wettest July since 2009. Additional evidence also indicated a slow-down in the housing sector.

Figure 6: The monthly all work construction output index in July 2023 saw a decrease on the month

Monthly all work index, chained volume measure, seasonally adjusted, Great Britain, July 2011 to July 2023

Figure 6: The monthly all work construction output index in July 2023 saw a decrease on the month

Monthly all work index, chained volume measure, seasonally adjusted, Great Britain, July 2011 to July 2023



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

Further detail on construction output growth rates, along with new orders in the construction industry and construction output prices, can be found in our [Construction output in Great Britain: July 2023 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 of each theme.

The industrial action in July 2023 had an impact on different industries to varying degrees. The health sector (junior doctors, senior doctors and radiographers), education sector (teachers in England) and rail network all undertook notable industrial action and this was an important factor as to the monthly decline in these industries. To a lesser degree, anecdotal comments were received to suggest demand for employment agencies from the health sector were also negatively affected by the industrial action in the NHS.

July 2023 also had wetter weather than normal, as detailed in the Met Office's [July 2023 climate summary \(PDF, 4.8MB\)](#), following a particularly warm June, calling it "the warmest June in a series since 1884". The July report mentioned "the UK overall rainfall total was 170% of average overall, making this provisionally the wettest July since 2009 and sixth wettest July in the series". The wet weather was cited as a reason for lower output in retail, as described in our [Retail sales bulletin](#), and also in construction and outdoor accommodation venues.

7 . Monthly GDP data

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

Dataset | Released 13 September 2023

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 September 2023

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

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

Dataset MGDGP | Released 13 September 2023

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 September 2023

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 September 2023

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

[Health volume adjustments and contribution to GDP growth](#)

Dataset | Released 13 September 2023

Volume estimates for the NHS Test and Trace services and vaccine programmes and their impact on real GDP.

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: July 2023](#)
- [Index of Production, UK: July 2023](#)
- [Index of Services, UK: July 2023](#)

In the UK, we produce estimates of monthly and quarterly gross domestic product (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).

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

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.

Our [GDP\(O\) data sources catalogue](#) provides a full breakdown of the data used in this publication.

Additional bank holiday in May 2023 for the Coronation of King Charles III

There was an additional bank holiday for the coronation of King Charles III on Monday 8 May 2023. While adjustments are made for regular calendar effects, there was no explicit adjustment for this ad hoc event. However, the timing of the bank holiday indirectly affects the number of trading days, which could affect GDP estimates positively or negatively, depending on the sector.

Office for Statistics Regulation (OSR) review of GDP

The OSR will shortly be completing 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. This will cover the following:

- 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

10 . Strengths and limitations

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

Monthly growth rates can be volatile. Therefore, this indicator should be used with caution and alongside other measures, such as the three-month growth rate, when looking for an indicator of the medium-term trend of the economy. However, it is useful in highlighting one-off changes that can be masked by three-month growth rates.

The latest comparisons of month on same month a year ago should be treated with caution, given the impact of base effects on growth rates because of the economic impact of the coronavirus (COVID-19) pandemic throughout 2020 and 2021 (see our blog post, [Beware Base Effects](#), for more information). Such comparisons and growth rates can be found in our [accompanying dataset](#).

11 . Related links

[Construction output in Great Britain: July 2023](#)

Bulletin | Released 13 September 2023

Short-term measures of output by the construction industry, contracts awarded for new construction work in Great Britain.

[Index of Production, UK: July 2023](#)

Bulletin | Released 13 September 2023

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: July 2023](#)

Bulletin | Released 13 September 2023

Monthly movements in output for the services industries.

[GDP first quarterly estimate, UK: April to June 2023](#)

Bulletin | Released 11 August 2023

Revised quarterly estimate of gross domestic product (GDP) for the UK. Uses additional data to provide a more precise indication of economic growth than the first estimate

[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.

12 . Cite this bulletin

Office for National Statistics (ONS), released 13 September 2023, ONS website, statistical bulletin, [GDP monthly estimate, UK: July 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	135	11	97	15	12	62	796	104	40	30	63	82	132	73	51	49	60	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
2018	98.3	85.6	97.7	97.9	98.9	87.7	100.3	98.6	98.5	100.4	98.2	96.6	91.6	102.6	98.4	100.9	99.6	95.0	94.0	101.6	98.3	101.8	94.1
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	89.4	96.5	101.3	96.8	100.1	109.1	104.8	86.5	87.6	81.6	70.3	59.9	98.6	100.3	100.0	92.5	89.0	95.2	82.5	69.1	71.9	86.3	78.0
2021	96.1	102.1	108.6	85.5	109.8	114.6	112.9	97.8	93.7	84.6	77.9	78.4	104.4	105.5	99.9	101.7	99.1	97.4	92.3	82.2	83.7	78.7	73.9
2022	100.2	105.7	105.6	87.2	105.7	110.5	115.2	104.0	98.9	82.4	87.3	106.2	114.1	105.1	99.6	107.8	112.6	101.2	98.6	89.7	103.5	81.1	65.6
	ECY2	ECY3	ECY4	ECY5	ECY6	ECY7	ECY8	ECY9	ECYC	ECYD	ECYG	ECYH	ECYI	ECYJ	ECYK	ECYL	ECYP	ECYQ	ECYR	ECYS	ECYT	ECYU	ECYV
2021 Jul	97.2	103.7	108.8	81.9	110.2	114.7	114.4	97.7	95.1	86.8	78.0	92.3	105.2	104.4	99.5	102.1	99.5	98.4	99.0	83.0	83.8	74.9	77.2
Aug	98.0	104.9	109.4	97.1	110.1	110.3	113.2	97.3	96.1	86.5	79.3	103.3	105.9	104.4	99.6	102.5	100.0	98.6	97.7	86.7	88.3	77.3	67.4
Sep	98.6	104.7	108.3	93.7	109.6	108.3	111.3	97.8	96.9	86.3	81.5	104.2	103.5	105.5	99.5	105.2	102.6	99.1	96.4	90.6	90.0	82.0	68.6
Oct	98.7	104.8	107.2	90.0	108.8	102.9	115.0	97.5	97.3	86.7	81.6	98.8	107.2	106.1	99.4	103.1	105.8	98.5	95.2	93.5	92.5	81.2	70.8
Nov	99.7	104.6	107.5	87.7	108.5	108.9	115.0	99.3	98.4	85.8	84.9	98.4	107.2	106.6	99.5	105.5	107.9	99.7	98.0	95.1	97.1	83.1	74.4
Dec	99.8	104.6	107.5	85.6	108.5	109.7	115.7	100.2	98.4	83.7	85.2	92.2	108.2	106.7	99.6	106.0	108.7	100.1	98.4	98.2	97.6	83.0	77.2
2022 Jan	100.0	104.7	107.5	90.2	107.7	112.0	116.0	101.2	98.6	84.7	85.4	97.7	112.6	105.5	99.6	105.5	109.0	100.4	97.8	93.7	97.4	85.3	74.8
Feb	99.9	105.4	107.2	90.1	107.2	112.3	115.8	101.2	98.5	83.5	85.8	104.9	114.2	104.9	99.2	106.2	110.9	100.4	97.3	90.8	99.0	83.0	68.9
Mar	100.0	105.8	107.1	90.5	107.3	110.5	116.3	103.2	98.5	81.8	87.2	105.5	112.6	104.8	99.3	107.1	111.2	100.4	97.1	91.2	103.7	82.4	64.6
Apr	100.0	105.8	106.6	87.9	106.5	111.9	117.8	103.1	98.5	83.2	86.8	107.0	113.2	105.0	99.6	106.6	112.3	100.3	98.2	87.0	106.3	81.1	66.8
May	100.8	106.0	106.7	88.5	106.9	112.5	114.6	105.5	99.4	82.3	87.6	107.9	114.4	105.4	99.8	109.4	113.7	100.5	98.4	90.5	104.5	81.7	68.0
Jun	100.0	106.1	105.6	86.2	105.5	111.5	116.4	102.8	98.8	81.7	86.3	110.2	114.0	105.7	99.7	108.2	110.9	100.9	98.7	88.3	104.8	81.2	70.8
Jul	100.4	106.2	105.2	91.3	104.9	110.9	113.4	104.0	99.3	82.1	88.8	109.0	114.1	105.9	99.7	108.3	112.3	101.3	100.0	88.4	107.7	80.9	66.8
Aug	100.4	106.0	103.9	83.8	104.0	110.2	113.7	104.6	99.4	82.3	90.0	106.2	115.4	105.5	99.7	108.9	113.2	101.8	100.3	89.1	103.8	79.0	63.4
Sep	99.7	105.4	104.0	84.6	104.0	110.0	114.2	104.5	98.5	80.6	89.5	105.3	112.2	104.5	99.6	107.5	111.6	102.0	99.6	89.6	102.1	79.6	61.6
Oct	100.4	105.5	104.4	84.4	105.2	106.7	112.8	105.2	99.2	82.3	89.0	105.9	112.9	104.4	99.9	108.6	113.9	102.0	99.5	90.2	108.0	79.6	61.3
Nov	100.5	105.3	104.4	86.7	104.6	106.7	115.1	105.5	99.5	82.2	87.2	107.4	116.5	104.3	99.5	108.1	116.1	102.0	99.2	90.4	105.6	79.8	61.3
Dec	100.0	105.3	104.6	82.3	104.7	110.7	115.9	106.3	98.7	81.8	84.3	106.8	116.5	104.6	99.4	109.0	116.1	101.9	96.6	87.5	99.3	79.3	59.4
2023 Jan	100.5	105.3	104.4	79.5	105.2	108.6	115.2	104.4	99.5	82.6	86.6	106.5	117.4	104.9	99.5	108.7	117.2	102.0	98.8	88.5	103.9	80.4	60.4
Feb	100.5	105.4	104.3	81.3	105.3	106.4	113.8	107.1	99.4	82.4	86.2	106.9	117.1	105.1	99.5	108.4	117.7	100.9	97.2	89.0	105.7	82.0	61.0
Mar	100.3	105.4	105.1	78.9	106.1	109.2	116.1	106.9	98.9	81.1	84.8	106.4	116.0	104.9	99.6	108.4	116.6	101.0	97.4	88.5	107.1	81.0	62.2
Apr	100.5	105.5	105.2	76.8	106.5	110.2	113.8	106.1	99.3	82.2	85.2	108.8	117.5	104.8	99.5	107.5	117.2	101.2	97.9	88.3	106.5	81.5	62.2
May	100.4	105.5	104.5	77.1	106.3	107.0	111.3	105.8	99.3	81.9	85.0	107.2	117.6	104.6	99.3	107.6	116.3	101.3	98.4	90.1	109.1	80.7	62.2
Jun	101.0	105.6	106.4	75.5	108.8	107.0	113.5	107.5	99.5	82.6	85.0	108.8	119.1	104.4	99.2	107.1	117.0	101.6	98.7	89.4	108.5	81.5	61.6
Jul	100.4	105.7	105.7	76.9	108.0	105.4	112.9	107.0	99.0	82.2	83.6	108.3	116.6	104.6	98.9	107.6	115.4	102.0	97.6	87.5	115.7	82.5	61.0
Percentage change, latest year on previous year																							
	GDPQ	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3E4	L3E8	L3EG	L3EJ	L3EU	L3F2	L3F8	L3FN	L3FW	L3FY	L3G2	L3G9	L3GF	L3GJ
2018	1.6	-12.5	3.3	6.3	4.3	-3.2	1.1	-1.7	1.7	-0.7	3.2	-1.7	13.2	-0.9	1.4	0.5	0.1	0.9	4.6	-0.9	1.1	5.0	8.5
2019	1.7	16.9	2.3	2.2	1.2	14.0	-0.3	1.5	1.5	-0.4	1.9	3.5	9.2	-2.5	1.7	-0.9	0.5	5.3	6.4	-1.6	1.8	-1.7	6.3
2020	-10.6	-3.5	1.2	-3.2	0.1	9.1	4.8	-13.5	-12.4	-18.4	-29.7	-40.1	-1.4	0.3	0.0	-7.5	-11.0	-4.9	-17.5	-30.9	-28.2	-13.7	-22.1
2021	7.4	5.8	7.3	-11.7	9.7	5.1	7.8	13.1	7.0	3.7	10.8	30.9	5.9	5.2	-0.1	9.9	11.4	2.4	11.9	19.0	16.5	-8.8	-5

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)																						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 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	
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	135	11	97	15	12	62	796	104	40	30	63	82	132	73	51	49	60	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 Jul	17.4	9.8	14.0	-25.1	19.6	12.3	10.1	32.9	17.1	12.2	31.9	166.8	8.5	5.2	0.2	16.4	21.9	2.6	52.8	51.9	46.5	-5.5	50.4
Aug	11.4	9.4	7.1	-17.2	10.4	3.1	7.5	17.0	11.9	3.2	18.0	61.1	7.2	4.8	0.1	14.9	16.5	3.9	27.9	46.8	33.4	-12.3	11.7
Sep	8.2	8.9	3.9	-5.7	5.6	-2.3	6.4	8.5	9.1	1.5	11.8	27.1	6.6	4.9	-0.1	14.0	16.6	5.3	9.2	43.5	28.3	-15.3	-15.6
Oct	7.4	8.9	1.9	-0.5	2.7	-5.3	6.1	5.5	8.7	2.0	10.9	24.5	6.4	5.6	-0.3	12.9	18.5	5.8	0.4	45.4	28.5	-9.8	-24.1
Nov	8.1	8.8	-0.1	-2.9	0.0	-4.7	6.6	4.2	10.1	3.9	12.0	53.1	6.4	5.9	-0.4	12.5	20.4	6.5	-0.8	47.4	32.8	-4.5	-20.1
Dec	8.3	8.6	-1.5	-7.2	-1.5	-4.1	6.2	4.7	10.7	3.8	12.7	76.1	7.8	4.9	-0.5	10.7	19.4	6.7	1.5	50.9	31.9	-6.1	-12.1
2022 Jan	9.9	8.1	-1.7	-6.8	-1.8	-3.2	5.4	6.9	12.6	6.7	15.4	120.5	9.6	3.0	-0.8	11.1	19.6	7.1	11.7	49.7	34.4	1.3	-5.3
Feb	10.2	7.5	-1.6	-4.4	-1.7	-4.5	4.4	7.4	12.9	6.4	17.1	125.8	11.7	1.0	-1.1	9.8	19.7	6.9	21.5	45.3	32.0	3.0	-2.2
Mar	10.3	7.0	-1.6	0.3	-2.0	-5.0	4.1	6.6	13.1	5.9	18.7	154.6	12.3	-0.1	-1.2	8.8	19.9	6.6	26.2	37.1	38.2	12.6	0.7
Apr	8.1	6.7	-2.0	7.6	-3.0	-5.7	4.4	4.5	10.5	0.3	17.2	124.8	11.3	-0.5	-0.9	7.3	19.3	5.5	16.5	28.1	41.1	3.7	-1.4
May	6.0	6.1	-2.6	11.6	-3.7	-8.0	4.3	4.7	7.9	-3.8	17.2	77.4	9.7	-0.5	-0.6	7.5	18.0	4.3	7.1	20.1	38.4	2.2	-7.1
Jun	4.1	5.2	-2.7	19.8	-4.2	-8.7	3.8	4.6	5.5	-6.3	15.3	40.7	9.0	-0.1	-0.4	7.2	16.6	3.3	1.6	11.7	32.6	1.6	-15.7
Jul	3.6	3.8	-3.1	16.9	-4.5	-7.7	1.5	5.8	4.7	-6.2	14.7	24.0	9.3	0.6	-0.2	6.9	14.7	2.9	0.6	8.2	28.6	8.2	-17.4
Aug	2.9	2.4	-3.7	5.4	-5.0	-3.7	0.6	6.1	3.9	-5.7	13.2	13.5	9.0	1.0	-0.1	5.7	13.0	3.1	1.0	4.7	24.8	6.9	-14.1
Sep	2.3	1.4	-4.1	-4.8	-5.2	-0.7	0.7	6.9	3.2	-5.6	12.3	6.9	8.6	0.5	0.1	4.8	11.6	3.0	2.3	2.6	19.7	2.3	-10.1
Oct	1.7	0.8	-3.9	-10.0	-4.7	1.7	0.3	7.4	2.4	-5.5	10.8	3.6	7.6	-0.5	0.2	4.6	9.8	3.2	3.5	-0.7	15.9	-0.9	-9.9
Nov	1.2	0.7	-3.2	-5.8	-4.0	1.0	0.3	7.0	1.6	-5.3	7.2	5.7	7.5	-1.5	0.2	3.3	8.0	2.9	3.0	-3.2	12.9	-2.9	-13.9
Dec	0.9	0.6	-2.7	-3.8	-3.5	0.8	-0.5	6.8	1.1	-3.8	3.5	10.6	7.2	-1.9	0.1	3.5	7.3	2.6	1.2	-6.5	8.9	-3.5	-18.2
2023 Jan	0.5	0.6	-2.8	-5.7	-3.1	-1.4	-0.1	5.2	0.8	-3.0	1.0	11.2	6.8	-1.6	-0.1	2.8	7.3	1.9	0.1	-7.2	5.7	-4.7	-20.0
Feb	0.4	0.4	-2.8	-8.6	-2.5	-2.5	-0.8	5.0	0.7	-2.0	0.3	8.6	4.8	-0.8	0.0	2.7	6.8	1.3	-0.3	-6.2	5.1	-3.8	-18.2
Mar	0.5	0.1	-2.5	-11.5	-1.8	-3.2	-0.9	4.2	0.7	-1.6	-0.3	3.7	3.3	-0.1	0.2	2.1	6.2	0.9	0.4	-3.5	5.6	-2.9	-11.9
Apr	0.5	-0.2	-2.0	-11.7	-1.0	-2.7	-1.8	4.0	0.7	-1.1	-1.4	1.4	3.1	0.0	0.2	1.4	5.1	0.7	0.0	-1.2	3.4	-0.9	-7.5
May	0.2	-0.3	-1.8	-12.8	-0.6	-2.5	-2.1	2.2	0.4	-0.8	-2.5	0.6	3.2	-0.3	-0.1	0.1	3.8	0.8	0.0	-0.6	2.7	-0.8	-6.5
Jun	0.4	-0.4	-0.9	-12.7	0.8	-3.5	-2.9	2.6	0.5	-0.2	-2.1	-0.1	3.7	-0.7	-0.3	-0.6	4.0	0.8	-0.1	0.8	2.7	-0.2	-9.5
Jul	0.2	-0.4	-0.3	-13.7	1.8	-4.6	-1.9	2.6	0.1	0.2	-3.5	-0.9	3.1	-1.0	-0.6	-1.1	3.5	0.8	-0.8	-0.1	5.2	0.4	-10.1

Percentage change, latest month on previous month

	ECYX	ECYY	ECYZ	ECZ2	ECZA	ECZC	ECZD	ECZE	ECZG	ECZK	ECZN	ECZT	ECZU	ED2G	ED2H	ED2I	ED2J	ED2K	ED2L	ED2M	ED2N	ED2O	ED2P
2021 Jul	-0.2	1.3	0.2	19.1	-0.4	-4.7	0.6	-0.7	-0.2	-1.3	1.4	1.4	1.3	-0.7	-0.6	-1.3	1.4	0.5	-0.3	-1.2	2.9	1.9	-13.7
Aug	0.9	1.2	0.5	18.6	-0.1	-3.9	-1.0	-0.4	1.0	-0.3	1.6	12.0	0.6	0.0	0.1	0.5	0.5	0.2	-1.4	4.4	5.4	3.2	-12.7
Sep	0.6	-0.2	-1.0	-3.5	-0.5	-1.8	-1.7	0.5	0.9	-0.3	2.7	0.9	-2.3	1.0	-0.1	2.6	2.6	0.5	-1.3	4.5	1.9	6.1	1.8
Oct	0.1	0.1	-1.0	-3.9	-0.7	-5.0	3.3	-0.3	0.4	0.4	0.1	-5.2	3.6	0.6	-0.1	-2.0	3.1	-0.7	-1.2	3.2	2.8	-1.0	3.1
Nov	1.0	-0.3	0.2	-2.6	-0.3	5.8	0.0	1.8	1.1	-1.0	4.1	-0.3	0.0	0.5	0.1	2.3	2.0	1.2	2.9	1.7	5.0	2.3	5.2
Dec	0.1	0.1	0.0	-2.4	0.0	0.7	0.7	0.9	0.1	-2.5	0.4	-6.3	0.9	0.1	0.1	0.5	0.8	0.5	0.5	3.2	0.5	-0.1	3.7
2022 Jan	0.2	0.1	0.0	5.3	-0.8	2.1	0.2	1.0	0.1	1.2	0.2	6.0	4.1	-1.2	0.0	-0.4	0.2	0.2	-0.6	-4.6	-0.2	2.7	-3.2
Feb	-0.1	0.7	-0.3	-0.1	-0.5	0.3	-0.2	0.1	0.0	-1.4	0.5	7.4	1.4	-0.5	-0.4	0.6	1.7	0.0	-0.6	-3.0	1.6	-2.6	-7.8
Mar	0.1	0.3	-0.1	0.5	0.1	-1.6	0.4	2.0	0.0	-2.0	1.7	0.6	-1.4	-0.1	0.1	0.9	0.3	0.0	-0.1	0.4	4.7	-0.7	-6.2
Apr	0.0	0.0	-0.4	-2.9	-0.7	1.3	1.3	-0.1	0.0	1.7	-0.5	1.4	0.5	0.2	0.3	-0.4	1.0	0.0	1.1	-4.6	2.5	-1.5	3.3
May	0.8	0.2	0.1	0.7	0.4	0.5	-2.7	2.3	0.8	-1.1	0.9	0.9	1.1	0.4	0.2	2.6	1.3	0.2	0.3	4.1	-1.7	0.6	1.8
Jun	-0.7	0.1	-1.1	-2.6	-1.3	-0.8	1.6	-2.6	-0.5	-0.7	-1.4	2.1	-0.4	0.3	-0.1	-1.1	-2.5	0.4	0.2	-2.5	0.3	-0.5	4.1
Jul	0.4	0.2	-0.4	5.8	-0.6	-0.6	-2.6	1.2	0.4	0.5	2.9	-1.1	0.2	0.2	0.0	0.1	1.2	0.4	1.3	0.1	2.8	-0.4	-5.6
Aug	0.0	-0.3	-1.2	-8.2	-0.8	-0.7	0.3	0.6	0.2	0.3	1.3	-2.6	1.1	-0.4	0.0	0.6	0.9	0.5	0.3	0.9	-3.6	-2.3	-5.0
Sep	-0.7	-0.5	0.1	1.1	0.0	-0.2	0.5	-0.1	-0.9	-2.2	-0.6	-0.9	-2.8	-1.0	-0.1	-1.3	-1.5	0.2	-0.7	0.5	-1.6	0.7	-2.9
Oct	0.7	0.1	0.3	-0.3	1.1	-2.9	-1.2	0.7	0.7	2.1	-0.5	0.6	0.7	0.0	0.3	1.0	2.1	0.0	-0.2	0.7	5.7	0.0	-0.5
Nov	0.2	-0.3	0.0	2.7	-0.5	-0.1	2.0	0.2	0.2	0.0	-2.0	1.5	3.1	-0.1	-0.4	-0.5	1.9	0.0	-0.3	0.3	-2.2	0.2	0.0
Dec	-0.5	0.0	0.2	-5.1	0.1	3.8	0.7	0.8	-0.8	-0.5	-3.4	-0.6	0.0	0.3	-0.1	0.8	0.0	-0.1	-2.7	-3.2	-5.9	-0.6	-3.0
2023 Jan	0.4	0.0	-0.2	-3.3	0.4	-1.9	-0.7	-1.8	0.8	0.9	2.7	-0.3	0.8	0.3	0.1	-0.3	1.0	0.0	2.4	1.1	4.7	1.4	1.5
Feb	0.1	0.2	-0.1	2.3	0.1	-2.0	-1.2	2.6	-0.1	-0.3	-0.5	0.4	-0.2	0.2	0.0	-0.2	0.4	-1.0	-1.6	0.6	1.7	1.9	1.0
Mar	-0.2	0.0	0.8	-3.0	0.7	2.6	2.0	-0.2	-0.4	-1.5	-1.6	-0.5	-1.0	-0.1	0.1	0.0	-0.9	0.1	0.1	-0.6	1.4	-1.1	2.0
Apr	0.2	0.1	0.0	-2.7	0.4	1.0	-1.9	-0.7	0.3	1.3	0.4	2.3	1.3	-0.1	-0.1	-0.8	0.5	0.2	0.5	-0.2	-0.6	0.6	0.0
May	-0.1	0.0	-0.6	0.4	-0.1	-3.0	-2.2	-0.3	0.0	-0.4	-0.3	-1.5	0.1	-0.2	-0.1	0.1	-0.8	0.1	0.5	2.0	2.5	-1.0	0.0
Jun	0.5	0.1	1.8	-2.1	2.4	0.0	2.0	1.6	0.2	0.8	0.0	1.5	1.3	-0.2	-0.2	-0.4	0.7	0.3	0.3	-0.8	-0.6	0.9	-1.0
Jul	-0.5	0.1	-0.7	1.9	-0.8	-1.5	-0.5	-0.5	-0.5	-0.4	-1.6	-0.4	-2.1	0.2	-0.3	0.4	-1.4	0.4	-1.1	-2.1	6.6	1.3	-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

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	135	11	97	15	12	62	796	104	40	30	63	82	132	73	51	49	60	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 Jul	9.3	9.4	5.8	-19.7	9.0	2.0	8.3	12.2	9.7	1.0	14.5	47.1	6.1	4.3	-0.1	13.8	14.2	4.2	25.3	41.3	24.4	-25.2	9.6
Aug	8.0	9.3	4.3	2.7	5.6	-3.3	5.3	8.4	8.7	1.2	10.2	14.4	8.0	5.3	-0.1	14.4	16.4	5.3	6.3	44.5	30.5	-11.7	-23.6
Sep	7.4	8.2	1.7	1.2	2.4	-5.5	5.7	5.3	8.8	2.3	10.8	26.0	5.8	5.2	-0.2	14.0	19.4	6.4	-1.2	44.6	29.9	-7.7	-27.0
Oct	6.9	9.1	-0.4	-5.3	0.2	-7.3	7.3	3.0	8.7	2.4	11.5	35.5	5.5	6.4	-0.5	10.5	19.7	5.8	-3.5	47.1	25.5	-9.8	-21.4
Nov	10.0	9.1	-1.7	-4.6	-2.5	-1.5	6.7	4.3	13.0	7.1	13.7	138.2	7.9	6.1	-0.3	13.1	22.0	7.2	2.4	50.4	43.8	5.4	-11.0
Dec	8.2	7.7	-2.4	-11.6	-2.2	-3.4	4.5	6.9	10.5	2.1	12.8	84.0	10.2	2.4	-0.6	8.4	16.5	7.2	6.0	55.2	27.6	-12.2	-2.7
2022 Jan	11.6	7.6	-0.9	-4.0	-0.8	-4.6	5.1	9.7	14.5	11.2	20.0	148.5	10.7	0.6	-1.6	11.7	20.3	7.0	30.6	43.7	32.8	14.2	-1.6
Feb	10.8	7.2	-1.5	3.3	-2.0	-5.3	3.6	5.8	13.9	6.3	18.6	155.0	14.3	0.0	-1.2	9.4	22.3	6.5	31.9	37.5	35.8	11.1	-2.2
Mar	8.4	6.2	-2.4	2.0	-3.1	-5.1	3.6	4.6	11.0	0.7	17.5	160.0	11.9	-0.9	-1.0	5.6	17.2	6.2	17.2	30.5	46.5	12.4	7.1
Apr	5.1	6.6	-2.0	19.4	-3.9	-6.7	6.0	3.1	6.7	-5.5	15.5	79.8	7.8	-0.7	-0.5	7.1	18.6	4.0	3.9	17.5	41.1	-9.6	-7.6
May	4.6	5.4	-3.3	15.2	-4.0	-12.0	3.1	6.4	6.0	-6.1	18.5	33.9	9.6	0.0	-0.3	10.0	18.2	2.9	1.6	13.5	28.7	6.2	-17.2
Jun	2.8	3.6	-2.8	25.4	-4.7	-7.4	2.4	4.5	3.7	-7.1	12.2	21.1	9.7	0.5	-0.5	4.7	13.1	3.0	-0.7	5.0	28.6	10.5	-20.9
Jul	3.3	2.5	-3.3	11.4	-4.9	-3.3	-0.9	6.4	4.4	-5.3	13.8	18.1	8.5	1.4	0.2	6.1	12.8	2.9	0.9	6.4	28.5	8.0	-13.5
Aug	2.5	1.0	-5.0	-13.7	-5.6	-0.1	0.4	7.5	3.5	-4.8	13.5	2.8	9.0	1.1	0.1	6.2	13.2	3.2	2.7	2.8	17.6	2.3	-5.9
Sep	1.1	0.7	-4.0	-9.6	-5.1	1.5	2.6	6.8	1.6	-6.6	9.8	1.0	8.4	-0.9	0.0	2.2	8.7	2.9	3.4	-1.1	13.5	-2.9	-10.3
Oct	1.7	0.7	-2.6	-6.3	-3.3	3.8	-1.9	7.9	2.0	-5.1	9.1	7.2	5.4	-1.6	0.5	5.3	7.7	3.6	4.5	-3.5	16.7	-1.9	-13.4
Nov	0.9	0.7	-2.9	-1.2	-3.6	-2.1	0.1	6.2	1.1	-4.2	2.7	9.1	8.7	-2.1	0.0	2.5	7.6	2.4	1.2	-4.9	8.7	-4.0	-17.7
Dec	0.2	0.6	-2.7	-3.9	-3.5	0.9	0.2	6.1	0.3	-2.2	-1.1	15.8	7.6	-2.0	-0.2	2.9	6.7	1.8	-1.9	-10.8	1.8	-4.5	-23.0
2023 Jan	0.5	0.5	-2.9	-11.8	-2.3	-3.1	-0.7	3.2	0.9	-2.5	1.4	9.0	4.3	-0.6	-0.1	3.0	7.5	1.6	1.0	-5.5	6.7	-5.7	-19.3
Feb	0.6	0.0	-2.7	-9.7	-1.8	-5.2	-1.7	5.8	0.8	-1.3	0.5	1.9	2.6	0.1	0.3	2.1	6.1	0.6	0.0	-2.0	6.8	-1.3	-11.6
Mar	0.3	-0.3	-1.9	-12.8	-1.1	-1.2	-0.2	3.5	0.4	-0.8	-2.7	0.8	3.0	0.1	0.3	1.2	4.9	0.6	0.2	-2.9	3.3	-1.7	-3.8
Apr	0.6	-0.3	-1.4	-12.6	-0.1	-1.5	-3.3	2.9	0.7	-1.2	-1.8	1.7	3.8	-0.2	-0.1	0.9	4.4	0.9	-0.3	1.6	0.2	0.4	-6.9
May	-0.3	-0.4	-2.1	-12.9	-0.6	-4.9	-2.8	0.3	-0.1	-0.5	-3.0	-0.7	2.8	-0.7	-0.4	-1.6	2.2	0.8	0.0	-0.5	4.5	-1.2	-8.6
Jun	0.9	-0.4	0.7	-12.5	3.1	-4.0	-2.5	4.6	0.7	1.0	-1.6	-1.3	4.5	-1.2	-0.5	-1.0	5.5	0.7	0.0	1.3	3.5	0.3	-13.0
Jul	0.0	-0.5	0.4	-15.7	3.0	-5.0	-0.4	2.8	-0.3	0.1	-5.8	-0.6	2.2	-1.2	-0.9	-0.6	2.8	0.7	-2.4	-1.0	7.4	2.0	-8.7

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

	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 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	
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	135	11	97	15	12	62	796	104	40	30	63	82	132	73	51	49	60	77	15	17	2

Percentage change, latest month on previous month ³

2021	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
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
	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

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

2021	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
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
	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

1 The GVA output is designated as a National Statistic.
2 Estimates cannot be regarded as accurate to the last digit shown.
3 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
4 Monthly data from the construction survey are only available from January 2010, therefore the data prior to this period are derived using statistical methods from the available quarterly data, and should therefore be treated with some caution.

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

CONTRIB 1

Monthly GDP based on GVA (Gross Value Added) ¹
Contributions to growth of gross value added at basic prices ^{2,3,4,5}

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 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	Jul	4.81	0.02	0.02	-0.06	0.05	0.04	0.02	0.02	4.90	0.60	0.11	1.28	0.17	-0.04	-0.05	0.18	0.24	0.16	1.09	1.47	0.15	-0.08	0.03
	Aug	3.11	0.03	-0.09	0.02	-0.06	-0.08	0.03	-0.09	3.39	0.17	0.16	1.08	0.11	-0.08	-0.05	0.20	0.20	0.11	0.53	1.17	0.14	-0.09	0.01
	Sep	1.72	0.03	-0.05	0.13	-0.09	-0.15	0.01	-0.09	1.92	-0.16	0.18	0.69	0.03	-0.05	-0.07	0.19	0.22	0.07	0.06	0.86	0.12	-0.03	-0.02
	Oct	1.53	0.02	-0.12	0.13	-0.11	-0.18	0.00	-0.05	1.76	-0.12	0.19	0.42	0.06	0.03	-0.05	0.15	0.25	0.04	-0.14	0.91	0.12	0.09	-0.03
	Nov	1.54	0.01	-0.15	0.06	-0.12	-0.11	0.00	0.02	1.74	-0.10	0.19	0.15	0.06	0.11	-0.03	0.15	0.31	0.04	-0.15	0.96	0.13	0.12	-0.01
2022	Dec	1.52	0.00	-0.18	-0.02	-0.12	-0.05	0.02	0.08	1.69	-0.13	0.18	-0.10	0.17	0.14	-0.01	0.12	0.34	0.04	-0.03	1.00	0.13	0.08	0.01
	Jan	1.41	0.00	-0.10	-0.06	-0.11	0.04	0.03	0.16	1.40	-0.21	0.18	-0.18	0.23	0.08	0.01	0.15	0.29	0.07	0.11	0.55	0.11	0.06	0.01
	Feb	0.91	0.00	-0.03	-0.02	-0.10	0.06	0.02	0.15	0.80	-0.27	0.12	-0.06	0.35	-0.03	0.00	0.09	0.21	0.06	0.09	0.12	0.07	0.03	0.00
	Mar	0.55	0.01	-0.01	0.02	-0.10	0.06	0.01	0.17	0.40	-0.25	0.09	0.18	0.34	-0.11	-0.02	0.10	0.14	0.05	0.01	-0.38	0.06	0.02	-0.01
	Apr	0.13	0.01	-0.06	0.02	-0.11	0.02	0.01	0.13	0.05	-0.23	0.06	0.28	0.24	-0.11	-0.02	0.07	0.14	0.02	-0.04	-0.61	0.08	-0.03	-0.02
	May	0.34	0.01	-0.07	0.00	-0.08	0.00	0.00	0.18	0.22	-0.18	0.07	0.25	0.10	-0.05	0.01	0.13	0.14	0.01	0.00	-0.47	0.10	-0.03	-0.01
	Jun	0.30	0.00	-0.11	-0.03	-0.09	0.00	0.00	0.11	0.31	-0.11	0.03	0.16	0.04	0.02	0.04	0.13	0.10	0.01	0.07	-0.33	0.08	-0.04	0.00
	Jul	0.45	0.00	-0.13	-0.01	-0.10	0.00	-0.02	0.09	0.52	-0.09	0.04	0.09	0.05	0.06	0.04	0.15	0.04	0.03	0.10	-0.06	0.04	-0.02	0.00
	Aug	0.04	0.00	-0.23	-0.02	-0.18	-0.01	-0.02	-0.01	0.32	-0.04	0.05	0.05	0.07	0.05	0.02	0.06	-0.01	0.05	0.11	-0.10	0.01	-0.02	0.00
	Sep	-0.09	0.00	-0.23	-0.01	-0.17	-0.02	-0.03	0.03	0.14	-0.08	0.10	-0.04	0.00	0.00	0.00	0.01	0.00	0.06	0.10	0.04	-0.01	-0.03	-0.01
	Oct	-0.26	0.00	-0.21	-0.04	-0.12	-0.04	-0.01	0.04	-0.07	-0.04	0.08	-0.09	-0.04	-0.07	0.00	-0.02	0.03	0.06	0.05	0.06	-0.02	-0.03	-0.01
	Nov	-0.10	0.00	-0.08	-0.02	-0.02	-0.04	-0.01	0.07	-0.08	-0.05	0.01	-0.07	-0.04	-0.10	0.00	-0.03	0.08	0.04	-0.01	0.15	0.00	-0.01	-0.01
	Dec	0.14	0.00	0.01	-0.02	0.05	-0.03	0.01	0.08	0.05	0.05	-0.11	0.00	0.08	-0.07	-0.01	0.02	0.15	0.01	-0.10	0.04	0.00	0.00	-0.01
2023	Jan	0.20	0.00	0.04	-0.02	0.04	-0.01	0.02	0.04	0.12	0.06	-0.16	0.03	0.19	-0.02	-0.03	0.02	0.17	0.00	-0.10	-0.07	-0.02	0.01	0.00
	Feb	0.16	0.00	0.02	-0.05	0.04	0.01	0.01	0.05	0.08	0.07	-0.13	0.01	0.18	0.03	-0.02	0.05	0.15	-0.02	-0.12	-0.16	-0.03	0.01	0.00
	Mar	0.13	0.00	0.02	-0.06	0.06	0.00	0.00	0.03	0.09	-0.01	-0.04	0.00	0.09	0.04	-0.01	0.00	0.09	-0.04	-0.04	-0.07	0.02	0.03	0.00
	Apr	0.11	0.00	0.05	-0.05	0.10	0.00	-0.01	0.07	-0.02	-0.04	-0.03	0.01	0.00	0.02	0.01	-0.03	0.03	-0.05	-0.04	-0.02	0.05	0.03	0.00
	May	0.08	0.00	0.07	-0.04	0.11	0.00	-0.01	0.02	-0.01	-0.06	-0.03	0.02	0.00	-0.01	0.00	-0.06	-0.01	-0.02	0.02	0.06	0.07	0.01	0.00
	Jun	0.21	0.00	0.10	-0.04	0.15	0.00	-0.02	0.02	0.09	0.02	-0.04	0.05	0.07	-0.03	-0.02	-0.08	-0.01	0.00	0.03	0.06	0.04	0.00	0.00
	Jul	0.17	0.00	0.09	-0.03	0.16	-0.04	-0.02	0.00	0.07	0.04	-0.04	0.02	0.05	-0.03	-0.05	-0.05	-0.04	0.03	0.04	0.03	0.07	0.00	0.00

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	Jul	17.43	0.07	1.90	-0.22	1.90	0.20	0.14	1.71	13.75	1.32	0.93	1.93	0.61	0.49	0.03	1.27	1.04	0.15	2.83	3.76	0.47	-0.09	0.06
	Aug	11.45	0.07	0.96	-0.14	1.03	0.05	0.10	0.94	9.55	0.35	0.56	1.20	0.49	0.43	0.01	1.11	0.79	0.21	1.69	3.41	0.36	-0.20	0.02
	Sep	8.22	0.06	0.53	-0.04	0.56	-0.04	0.08	0.49	7.24	0.16	0.38	0.68	0.44	0.43	-0.02	1.03	0.78	0.27	0.63	3.21	0.32	-0.26	-0.03
	Oct	7.44	0.06	0.25	0.00	0.27	-0.08	0.08	0.32	6.96	0.21	0.36	0.64	0.42	0.48	-0.04	0.95	0.86	0.30	0.03	3.40	0.33	-0.16	-0.04
	Nov	8.10	0.06	-0.02	-0.02	0.00	-0.07	0.08	0.25	8.04	0.40	0.40	1.10	0.42	0.51	-0.05	0.93	0.95	0.33	-0.06	3.61	0.37	-0.07	-0.04
2022	Dec	8.34	0.06	-0.21	-0.05	-0.16	-0.06	0.08	0.28	8.48	0.39	0.43	1.32	0.52	0.43	-0.06	0.80	0.93	0.34	0.11	3.88	0.38	-0.10	-0.02
	Jan	9.90	0.06	-0.24	-0.07	-0.19	-0.05	0.07	0.41	9.95	0.70	0.51	1.69	0.63	0.27	-0.11	0.84	0.97	0.39	0.74	3.52	0.41	0.02	-0.01
	Feb	10.18	0.06	-0.23	-0.04	-0.17	-0.08	0.06	0.44	10.20	0.66	0.56	1.76	0.77	0.09	-0.15	0.76	0.99	0.38	1.26	3.26	0.39	0.05	0.00
	Mar	10.26	0.05	-0.23	0.00	-0.20	-0.09	0.06	0.40	10.33	0.61	0.61	2.01	0.82	-0.01	-0.17	0.69	1.00	0.36	1.47	2.76	0.46	0.17	0.00
	Apr	8.05	0.05	-0.28	0.06	-0.30	-0.10	0.06	0.27	8.26	0.03	0.56	1.85	0.74	-0.05	-0.11	0.57	0.97	0.30	0.98	2.14	0.49	0.05	0.00
	May	6.01	0.05	-0.35	0.09	-0.36	-0.14	0.05	0.28	6.24	-0.41	0.55	1.44	0.64	-0.05	-0.07	0.58	0.90	0.23	0.45	1.60	0.46	0.03	-0.01
	Jun	4.15	0.04	-0.37	0.14	-0.41	-0.15	0.05	0.28	4.35	-0.68	0.49	0.95	0.59	0.00	-0.05	0.55	0.82	0.17	0.10	0.97	0.41	0.02	-0.02
	Jul	3.57	0.03	-0.42	0.12	-0.44	-0.13	0.02	0.34	3.76	-0.66	0.48	0.63	0.60	0.06	-0.02	0.52	0.73	0.16	0.04	0.70	0.37	0.11	-0.03
	Aug	2.85	0.02	-0.49	0.04	-0.48	-0.06	0.01	0.36	3.10	-0.61	0.43	0.39	0.58	0.09	-0.01	0.43	0.66	0.16	0.06	0.41	0.32	0.09	-0.02
	Sep	2.29	0.01	-0.54	-0.04	-0.49	-0.01	0.01	0.40	2.54	-0.59	0.41	0.20	0.55	0.04	0.02	0.37	0.59	0.16	0.15	0.23	0.26	0.03	-0.01
	Oct	1.74	0.01	-0.51	-0.09	-0.44	0.02	0.00	0.42	1.90	-0.57	0.36	0.11	0.49	-0.04	0.03	0.35	0.51	0.17	0.23	-0.06	0.22	-0.01	-0.01
	Nov	1.20	0.01	-0.41	-0.05	-0.37	0.02	0.00	0.40	1.26	-0.55	0.24	0.17	0.48	-0.13	0.02	0.26	0.42	0.16	0.19	-0.31	0.18	-0.04	-0.02
	Dec	0.90	0.01	-0.35	-0.03	-0.32	0.01	-0.01	0.39	0.90	-0.39	0.12	0.30	0.47	-0.16	0.01	0.27	0.39	0.13	0.08	-0.63	0.13	-0.05	-0.02
2023	Jan	0.51	0.00	-0.40	-0.06	-0.30	-0.03	0.00	0.30	0.60	-0.31	0.04	0.32	0.44	-0.13	-0.01	0.22	0.39	0.10	0.01	-0.62	0.08	-0.06	-0.03
	Feb	0.44	0.00	-0.39	-0.10	-0.25	-0.05	-0.01	0.30	0.53	-0.21	0.01	0.25	0.31	-0.07	0.00	0.21	0.37	0.07	-0.02	-0.54	0.07	-0.05	-0.02
	Mar	0.48	0.00	-0.35	-0.13	-0.17	-0.07	-0.01	0.25	0.58	-0.16	-0.01	0.11	0.22	-0.01	0.02	0.17	0.33	0.05	0.02	-0.29	0.08	-0.04	-0.01
	Apr	0.50	0.00	-0.28	-0.13	-0.09	-0.06	-0.02	0.24	0.53	-0.11	-0.05	0.04	0.21	0.00	0.02	0.11	0.28	0.04	0.00	-0.09	0.05	-0.01	-0.01
	May	0.18	0.00	-0.25	-0.15	-0.06	-0.05	-0.03	0.13	0.30	-0.08	-0.10	0.02	0.21	-0.02	-0.01	0.01	0.21	0.04	0.00	-0.05	0.04	-0.01	-0.01
	Jun	0.39	0.00	-0.13	-0.14	0.08	-0.08	-0.03	0.15	0.36	-0.02	-0.08	0.00	0.25	-0.06	-0.04	-0.05	0.22	0.04	-0.01	0.06	0.04	0.00	-0.01
	Jul	0.21	0.00	-0.04	-0.16	0.17	-0.10	-0.02	0.15	0.10	0.02	-0.14	-0.03	0.21	-0.09	-0.07	-0.09	0.19	0.04	-0.05	0.00	0.08	0.01	-0.01

CONTRIB 2 Monthly GDP based on GVA (Gross Value Added) ¹
Contributions to growth of gross value added at basic prices ^{2,3,4,5}

seasonally adjusted 2019=100

Section	Industry sections (SIC2007)																					
	Total GVA at basic prices	Agriculture, forestry and fishing	Total production industries	Mining & quarrying	Manufacturing	Electricity gas, steam and air	Water supply, sewerage etc	Construction	Total service industries	Wholesale and retail: repair of motor vehicles and motorcycles	Transport and storage	Accommodation and food service activities	Information and Communication	Financial and insurance activities	Real estate activities	Professional, scientific and technical activities	Administrative and support service activities	Public administration and defence	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities
	A-T	A	B-E	B	C	D	E	F	G-T	G	H	I	J	K	L	M	N	O	P	Q	R	S
2019 weights	1000	7	137	11	99	15	12	64	792	105	40	29	62	82	131	74	51	48	59	76	16	17

Contribution to growth, latest month on previous month

		EDKH	EDKI	EDKJ	EDKK	EDKL	EDKM	EDKN	EDKO	EDKP	EDKQ	EDKR	EDKS	EDKT	EDKU	EDKV	EDKW	EDKX	EDKY	EDKZ	EDLA	EDLB	EDLC	EDLD
2021	Jul	-0.18	0.01	0.02	0.10	-0.04	-0.07	0.01	-0.04	-0.18	-0.14	0.05	0.04	0.08	-0.06	-0.08	-0.10	0.07	0.02	-0.02	-0.12	0.04	0.02	-0.02
	Aug	0.86	0.01	0.07	0.11	-0.01	-0.06	-0.01	-0.02	0.82	-0.03	0.05	0.33	0.04	0.00	0.01	0.04	0.03	0.01	-0.10	0.42	0.07	0.04	-0.02
	Sep	0.60	0.00	-0.13	-0.02	-0.05	-0.03	-0.02	0.03	0.74	-0.03	0.09	0.03	-0.15	0.08	-0.01	0.20	0.13	0.03	-0.09	0.44	0.03	0.08	0.00
	Oct	0.13	0.00	-0.13	-0.03	-0.07	-0.07	0.04	-0.02	0.31	0.04	0.00	-0.16	0.23	0.05	-0.02	-0.16	0.16	-0.03	-0.08	0.33	0.04	-0.01	0.00
	Nov	0.99	0.00	0.03	-0.02	-0.02	0.08	0.00	0.10	0.87	-0.10	0.14	-0.01	0.00	0.04	0.01	0.17	0.11	0.06	0.19	0.18	0.07	0.03	0.01
	Dec	0.13	0.00	0.00	-0.01	0.00	0.01	0.01	0.05	0.07	-0.24	0.01	-0.18	0.06	0.01	0.01	0.04	0.04	0.02	0.03	0.34	0.01	0.00	0.01
2022	Jan	0.16	0.00	0.00	0.04	-0.07	0.03	0.00	0.06	0.10	0.12	0.01	0.16	0.26	-0.10	0.00	-0.03	0.01	0.01	-0.04	-0.45	0.00	0.04	0.00
	Feb	-0.07	0.01	-0.04	0.00	-0.04	0.00	0.00	0.00	-0.03	-0.14	0.02	0.21	0.10	-0.04	-0.05	0.05	0.09	0.00	-0.04	-0.29	0.02	-0.04	-0.01
	Mar	0.08	0.00	-0.01	0.00	0.01	-0.02	0.01	0.12	-0.04	-0.20	0.06	0.02	-0.09	-0.01	0.02	0.07	0.02	0.00	-0.01	0.03	0.07	-0.01	-0.01
	Apr	-0.03	0.00	-0.05	-0.02	-0.06	0.02	0.02	-0.01	0.04	0.17	-0.02	0.04	0.03	0.01	0.03	-0.03	0.06	0.00	0.07	-0.42	0.04	-0.02	0.00
	May	0.82	0.00	0.01	0.01	0.03	0.01	-0.03	0.14	0.68	-0.10	0.03	0.03	0.08	0.03	0.02	0.20	0.07	0.01	0.02	0.36	-0.03	0.01	0.00
	Jun	-0.74	0.00	-0.13	-0.02	-0.12	-0.01	0.02	-0.15	-0.43	-0.07	-0.05	0.07	-0.03	0.03	-0.01	-0.08	-0.14	0.02	0.02	-0.22	0.00	-0.01	0.00
	Jul	0.37	0.00	-0.05	0.05	-0.06	-0.01	-0.03	0.07	0.36	0.05	0.10	-0.04	0.01	0.02	0.01	0.00	0.07	0.02	0.08	0.01	0.04	-0.01	-0.01
	Aug	0.00	0.00	-0.15	-0.07	-0.07	-0.01	0.00	0.03	0.15	0.02	0.05	-0.08	0.08	-0.03	0.00	0.05	0.05	0.03	0.02	0.08	-0.06	-0.03	-0.01
	Sep	-0.74	0.00	0.01	0.01	0.00	0.00	0.01	-0.01	-0.76	-0.21	-0.02	-0.03	-0.19	-0.09	-0.01	-0.10	-0.08	0.01	-0.04	0.04	-0.03	0.01	0.00
	Oct	0.68	0.00	0.04	0.00	0.10	-0.04	-0.02	0.04	0.60	0.20	-0.02	0.02	0.05	0.00	0.04	0.08	0.11	0.00	-0.01	0.06	0.09	0.00	0.00
	Nov	0.19	0.00	0.00	0.02	-0.05	0.00	0.02	0.01	0.18	0.00	-0.07	0.04	0.21	-0.01	-0.05	-0.04	0.11	0.00	-0.02	0.02	-0.04	0.00	0.00
	Dec	-0.52	0.00	0.03	-0.04	0.01	0.05	0.01	0.05	-0.62	-0.05	-0.12	-0.02	0.00	0.02	-0.02	0.07	0.00	0.00	-0.17	-0.29	-0.09	-0.01	0.00
2023	Jan	0.45	0.00	-0.03	-0.04	0.04	-0.04	-0.01	-0.11	0.60	0.09	0.10	-0.01	0.06	0.02	0.01	-0.02	0.06	0.00	0.14	0.09	0.07	0.02	0.00
	Feb	0.08	0.00	-0.02	0.02	0.01	-0.04	-0.01	0.16	-0.08	-0.03	-0.02	0.01	-0.02	0.01	0.00	-0.02	0.02	-0.05	-0.10	0.05	0.03	0.03	0.00
	Mar	-0.25	0.00	0.11	-0.03	0.07	0.05	0.02	-0.01	-0.35	-0.15	-0.06	-0.01	-0.07	-0.01	0.01	0.00	-0.05	0.00	0.01	-0.05	0.02	-0.02	0.00
	Apr	0.22	0.00	0.01	-0.03	0.04	0.02	-0.02	-0.05	0.27	0.13	0.02	0.07	0.09	-0.01	-0.01	-0.06	0.03	0.01	0.03	-0.01	-0.01	0.01	0.00
	May	-0.07	0.00	-0.09	0.00	-0.01	-0.06	-0.03	-0.02	0.04	-0.04	-0.01	-0.05	0.01	-0.02	-0.02	0.01	-0.05	0.01	0.03	0.16	0.04	-0.01	0.00
	Jun	0.52	0.00	0.25	-0.02	0.22	0.00	0.02	0.10	0.16	0.08	0.00	0.05	0.09	-0.01	-0.02	-0.03	0.04	0.02	0.02	-0.06	-0.01	0.01	0.00
	Jul	-0.52	0.00	-0.09	0.02	-0.07	-0.03	-0.01	-0.03	-0.40	-0.04	-0.06	-0.01	-0.15	0.02	-0.04	0.04	-0.08	0.02	-0.07	-0.17	0.11	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	Jul	9.25	0.07	0.78	-0.16	0.88	0.03	0.11	0.69	7.78	0.11	0.46	0.96	0.41	0.38	-0.02	1.02	0.68	0.22	1.54	3.01	0.28	-0.48	0.01
	Aug	7.99	0.07	0.58	0.02	0.56	-0.05	0.07	0.48	6.95	0.13	0.34	0.41	0.53	0.45	-0.01	1.04	0.76	0.27	0.44	3.25	0.34	-0.19	-0.04
	Sep	7.45	0.06	0.23	0.01	0.24	-0.09	0.07	0.31	7.01	0.25	0.36	0.68	0.38	0.45	-0.03	1.03	0.89	0.32	-0.08	3.36	0.34	-0.13	-0.05
	Oct	6.90	0.06	-0.05	-0.04	0.02	-0.11	0.09	0.18	6.92	0.25	0.38	0.81	0.37	0.55	-0.07	0.78	0.93	0.29	-0.25	3.58	0.30	-0.16	-0.04
	Nov	9.98	0.06	-0.24	-0.03	-0.26	-0.02	0.09	0.26	10.23	0.72	0.47	1.83	0.53	0.53	-0.04	0.99	1.05	0.37	0.17	3.88	0.49	0.08	-0.02
	Dec	8.18	0.05	-0.33	-0.09	-0.23	-0.05	0.06	0.41	8.33	0.22	0.43	1.32	0.66	0.21	-0.08	0.65	0.82	0.36	0.41	4.18	0.34	-0.21	0.00
2022	Jan	11.61	0.06	-0.13	-0.04	-0.08	-0.08	0.07	0.58	11.40	1.13	0.65	1.90	0.73	0.06	-0.22	0.90	1.02	0.39	1.68	3.20	0.41	0.20	0.00
	Feb	10.80	0.06	-0.22	0.03	-0.21	-0.10	0.05	0.36	10.93	0.65	0.61	2.06	0.95	0.00	-0.16	0.73	1.11	0.36	1.71	2.77	0.44	0.16	0.00
	Mar	8.42	0.05	-0.33	0.02	-0.31	-0.09	0.05	0.29	8.69	0.08	0.58	2.05	0.77	-0.08	-0.13	0.45	0.88	0.33	1.02	2.33	0.54	0.17	0.01
	Apr	5.10	0.05	-0.27	0.14	-0.38	-0.11	0.08	0.19	5.32	-0.61	0.50	1.46	0.51	-0.06	-0.06	0.54	0.92	0.21	0.26	1.37	0.49	-0.15	-0.01
	May	4.60	0.04	-0.45	0.11	-0.40	-0.22	0.04	0.38	4.80	-0.67	0.58	0.83	0.63	0.00	-0.03	0.75	0.90	0.15	0.11	1.12	0.36	0.08	-0.03
	Jun	2.77	0.03	-0.37	0.17	-0.45	-0.12	0.03	0.26	2.97	-0.76	0.39	0.57	0.62	0.05	-0.06	0.36	0.65	0.16	-0.05	0.44	0.36	0.13	-0.03
	Jul	3.33	0.02	-0.44	0.09	-0.47	-0.05	-0.01	0.37	3.52	-0.57	0.45	0.50	0.55	0.12	0.03	0.47	0.65	0.16	0.06	0.55	0.37	0.10	-0.02
	Aug	2.46	0.01	-0.66	-0.13	-0.53	0.00	0.00	0.43	2.82	-0.51	0.45	0.08	0.58	0.09	0.01	0.48	0.67	0.17	0.18	0.25	0.24	0.03	-0.01
	Sep	1.10	0.01	-0.52	-0.09	-0.48	0.02	0.03	0.39	1.30	-0.69	0.33	0.03	0.53	-0.08	0.01	0.17	0.45	0.15	0.22	-0.11	0.19	-0.04	-0.01
	Oct	1.65	0.01	-0.34	-0.05	-0.31	0.05	-0.02	0.45	1.59	-0.53	0.31	0.21	0.35	-0.14	0.06	0.40	0.41	0.19	0.28	-0.34	0.24	-0.03	-0.02
	Nov	0.85	0.01	-0.37	-0.01	-0.33	-0.03	0.00	0.36	0.90	-0.43	0.10	0.26	0.56	-0.18	0.00	0.19	0.41	0.12	0.08	-0.47	0.13	-0.06	-0.02
	Dec	0.20	0.00	-0.34	-0.03	-0.32	0.01	0.00	0.36	0.21	-0.22	-0.04	0.43	0.49	-0.17	-0.03	0.22	0.36	0.10	-0.12	-1.07	0.03	-0.06	-0.03
2023	Jan	0.49	0.00	-0.41	-0.14	-0.23	-0.07	-0.01	0.19	0.71	-0.26	0.05	0.26	0.28	-0.05	-0.01	0.23	0.40	0.08	0.06	-0.47	0.10	-0.08	-0.02
	Feb	0.63	0.00	-0.38	-0.11	-0.17	-0.11	-0.02	0.34	0.67	-0.14	0.02	0.06	0.17	0.01	0.04	0.17	0.33	0.03	0.00	-0.17	0.10	-0.02	-0.01
	Mar	0.30	0.00	-0.26	-0.15	-0.11	-0.03	0.00	0.21	0.35	-0.08	-0.11	0.02	0.20	0.01	0.03	0.10	0.26	0.03	0.01	-0.24	0.05	-0.02	0.00
	Apr	0.56	0.00	-0.19	-0.14	-0.01	-0.03	-0.04	0.17	0.58	-0.12	-0.07	0.05	0.25	-0.02	-0.01	0.07	0.24	0.04	-0.02	0.13	0.00	0.01	-0.01
	May	-0.33	0.00	-0.29	-0.15	-0.05	-0.11	-0.03	0.02	-0.04	-0.05	-0.12	-0.02	0.19	-0.06	-0.05	-0.13	0.12	0.04	0.00	-0.04	0.07	-0.02	-0.01
	Jun	0.93	0.00	0.10	-0.14	0.30	-0.09	-0.03	0.27	0.54	0.10	-0.06	-0.04	0.30	-0.10	-0.06	-0.08	0.30	0.04	0.00	0.10	0.05	0.00	-0.02
	Jul	0.04	0.00	0.06	-0.18	0.28	-0.11	0.00	0.17	-0.21	0.01	-0.23	-0.02	0.15	-0.10	-0.10	-0.05	0.15	0.04	-0.14	-0.08	0.12	0.03	-0.01