

Statistical bulletin

GDP monthly estimate, UK: May 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.

Contact:
Ben Graham
gdp@ons.gov.uk
[+44 1633 455284](tel:+441633455284)

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Notice

13 July 2023

A change was made to correct the sub-title and unit of Figure 6, this was previously showing as a duplicate of the Figure 7 sub-title and unit in error.

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1 . Main points

- Monthly real gross domestic product (GDP) is estimated to have fallen by 0.1% in May 2023 after growth of 0.2% in April 2023, which is unrevised from the previous publication.
- Looking at the broader picture, GDP has shown no growth in the three months to May 2023.
- Production output fell by 0.6% in May 2023 after a fall of 0.2% in April 2023, revised up from a fall of 0.3% in the previous publication; this sector was the main contributor to the fall in monthly GDP in May.
- The construction sector fell by 0.2% in May 2023 following a fall of 0.9% in April 2023, revised down from a fall of 0.6% in the previous publication.
- Services output showed no growth in May 2023 following growth of 0.3% in April 2023, unrevised from the previous publication.
- Output in consumer-facing services fell by 0.2% in May 2023 following growth of 1.1% in April 2023, revised up from growth of 1.0% in the previous publication.
- Revisions for the period January to April 2023 are included in this publication.

2 . Monthly gross domestic product (GDP)

Monthly real gross domestic product (GDP) is estimated to have fallen by 0.1% in May 2023 (Figure 1) following growth of 0.2% in April 2023. Monthly GDP is now estimated to be 0.2% above its pre-coronavirus (COVID-19) levels (February 2020). The King's Coronation on 6 May 2023 led to an additional bank holiday on Monday 8 May. More information on this bank holiday is in [Section 6: Cross-industry themes](#) and [Section 10: Measuring the data](#).

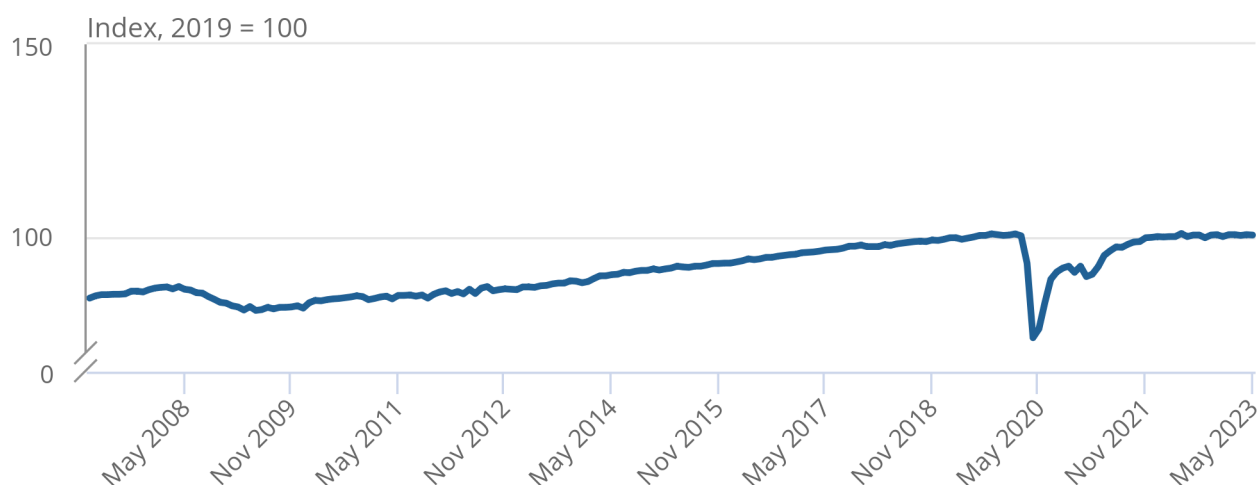
Looking more broadly, GDP showed no growth in the three months to May 2023 when compared with the three months to February 2023. Services also showed no growth in the three months to May, while production grew by 0.4% and construction grew by 0.2%.

Figure 1: UK GDP is estimated to have fallen by 0.1% in May 2023

Monthly index, January 2007 to May 2023, UK

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Monthly index, January 2007 to May 2023, UK



Source: GDP monthly estimate from the Office for National Statistics

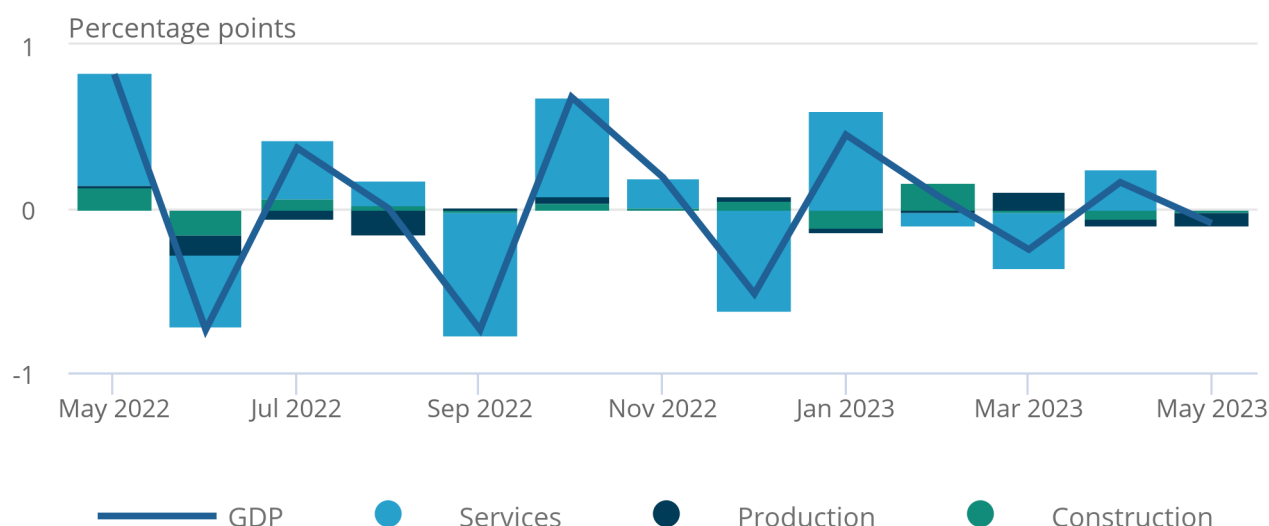
Output by the services sector showed no growth in May 2023. Production output fell by 0.6% and construction output fell by 0.2%.

Figure 2: The production sector was the main contributor to the fall in GDP in May 2023

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

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Contributions to monthly GDP growth, May 2022 to May 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 fell by 0.4% in May 2023 compared with the same month last year. For comparison, monthly GDP grew by 0.5% between April 2022 and April 2023. The Platinum Jubilee, 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. This should be considered when interpreting the seasonally-adjusted movements involving May and June 2022.

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- View [all economic data](#).

3 . The services sector

Service output showed no growth in May 2023, following growth of 0.3% in April 2023. Overall, the services sector showed no growth in the three months to May 2023 compared with the three months to February 2023. Figure 3 shows the monthly contributions from the services sector to gross domestic product (GDP) in May 2023.

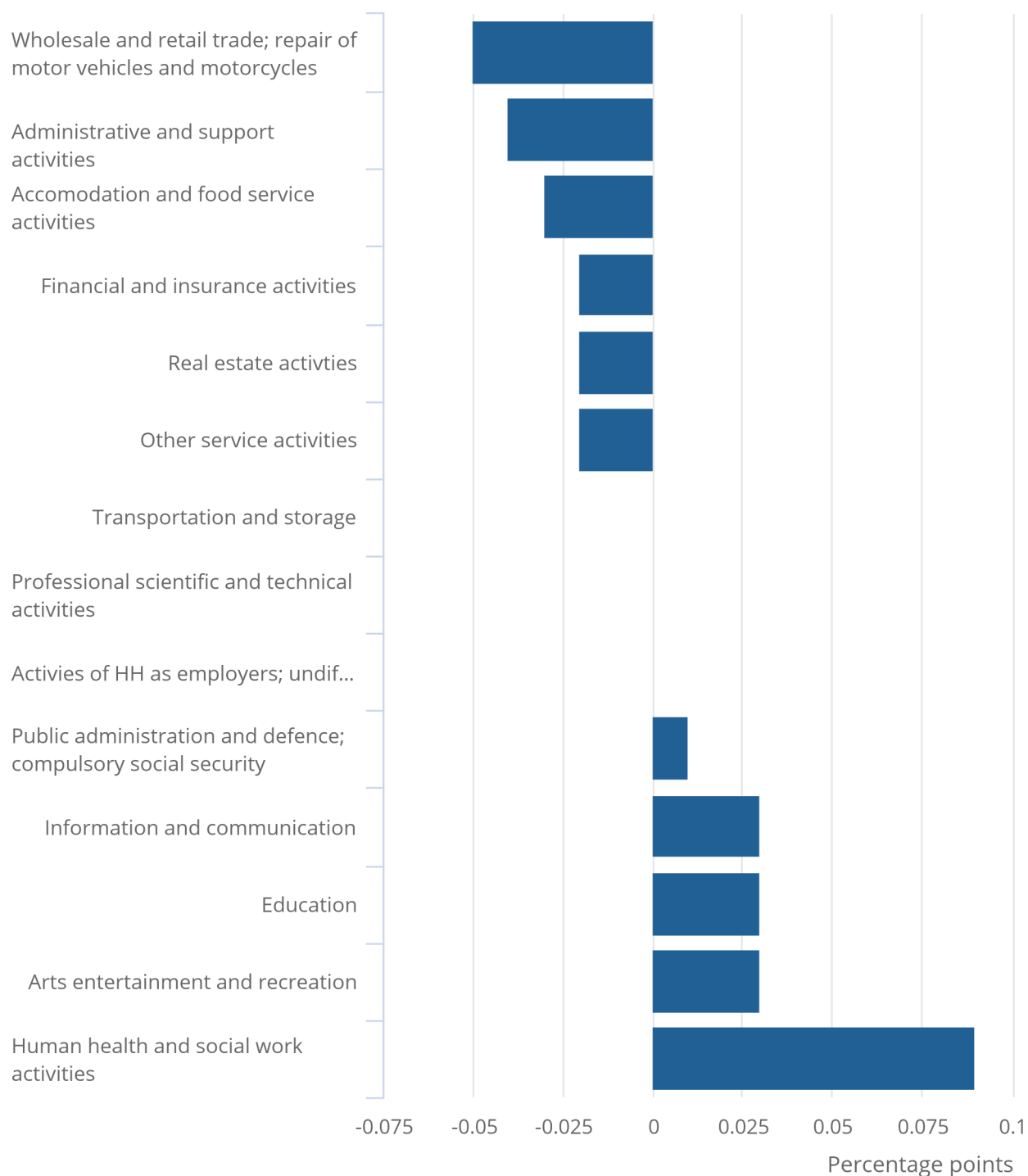
Figure 3: Services growth showed no growth in May 2023

Monthly services contributions to GDP , May 2023



Figure 3: Services growth showed no growth in May 2023

Monthly services contributions to GDP, May 2023



Notes:

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

Although there was no overall change in total services output in May 2023, within the sector the largest increase was a 1.1% increase in human health and social work activities. This was largely caused by an increase of 1.8% in human health activities after falls in March and April 2023. There was no industrial action by junior doctors in May 2023, compared with four days of industrial action in April 2023. There were two days of industrial action by nurses in England in May, compared with none in April.

There was also increased output from arts, entertainment and recreation (up 1.8%), education (up 0.5%) and information and communication (up 0.4%). The growth in arts, entertainment and recreation output was caused by growth of 3.5% in creative arts and entertainment activities (after a fall of 4.1% in April) and continued growth in sports activities and amusement and recreation activities (up 1.7%).

These increases were offset by a fall in wholesale and retail trade and repair of motor vehicles and motorcycles, which fell by 0.5%, largely caused by a fall of 1.4% in wholesale trade, excluding motor vehicles and motorcycles. Administration and support services fell by 0.7%, largely caused by a fall of 3.5% in employment activities. There was anecdotal evidence from the monthly business survey that there was less demand for recruitment services in May 2023, which is supported by our [Vacancies and jobs in the UK: July 2023 bulletin](#), which shows the 12th consecutive fall in vacancies. Accommodation and food services fell by 0.9% in May 2023, with falls in both accommodation (down 0.4%) and food and beverage services (down 1.1%).

NHS Test and Trace and coronavirus (COVID-19) vaccination programme activity increased by 20% in May 2023 after a rise of 99% in April 2023 but remains significantly lower than its peak towards the end of 2021. A full record of the volume estimates of Test and Trace and vaccination programmes, along with their contribution to GDP growth, can be found in the [accompanying dataset](#). For information on our measurements of COVID-19 testing, see our [Measuring the economic output of COVID-19 testing, tracing and vaccinations methodology](#).

Consumer-facing services

Output in consumer-facing services fell by 0.2% in May 2023 after growth of 1.1% in April 2023, revised up from 1.0% in the previous publication. Looking at the broader picture, consumer-facing services grew by 0.2% in the three months to May 2023. Consumer facing services were 8.8% below their pre-coronavirus levels (February 2020) in May 2023, while all other services were 2.0% above, as shown in Figure 4.

The largest contribution to the fall in consumer-facing services in May 2023 came from food and beverage service activities, which fell by 1.1% in May after growth of 2.4% in April.

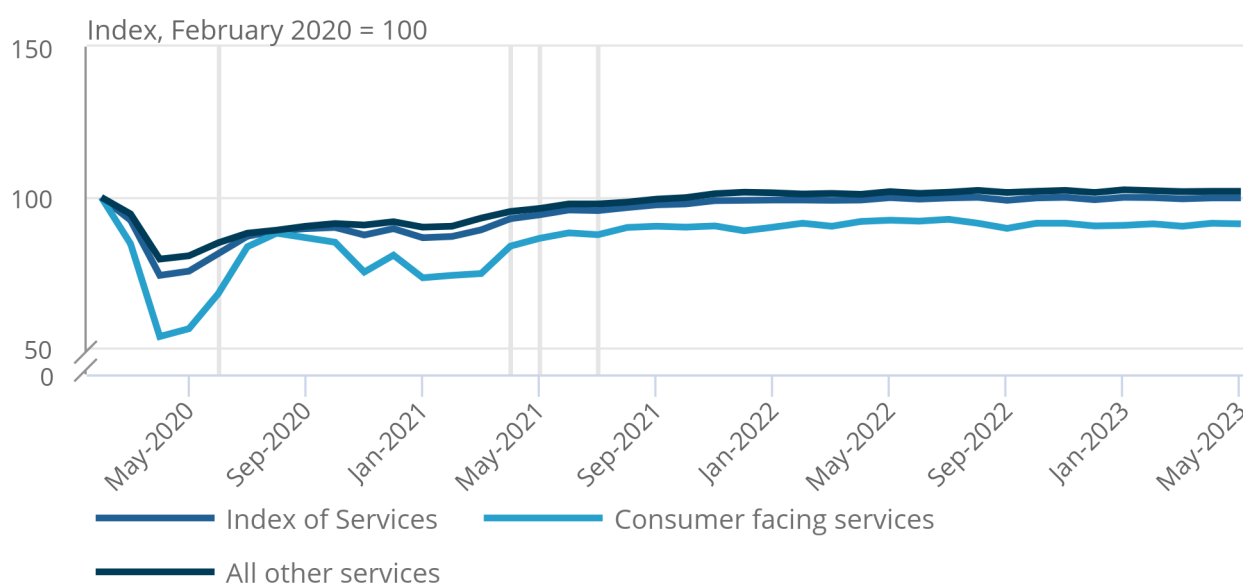
The next largest contribution came from buying and selling, renting and operating of own or leased real estate, which fell 0.7% after a similar fall in April 2023.

Figure 4: Output in consumer-facing services fell by 0.2% in May 2023 and remains 8.8% below pre-coronavirus pandemic levels

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

Figure 4: Output in consumer-facing services fell by 0.2% in May 2023 and remains 8.8% below pre-coronavirus pandemic levels

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



Source: GDP monthly estimate from the Office for National Statistics

Notes:

1. Consumer-facing services refer to retail trade, accommodation, food and beverage serving activities, travel and transport, and entertainment and recreation (Standard Industrial Classification 2007 codes 45, 47, 49.1-2, 55, 56, 68.1-2, 75, 79, 92, 93, 94, 96 and 97).
2. Vertical grey lines represent (from left to right): Hospitality reopening on 1 June 2020, outdoor hospitality reopening on 12 April 2021, indoor hospitality reopening on 17 May 2021, and social distancing restrictions easing on 19 July 2021.

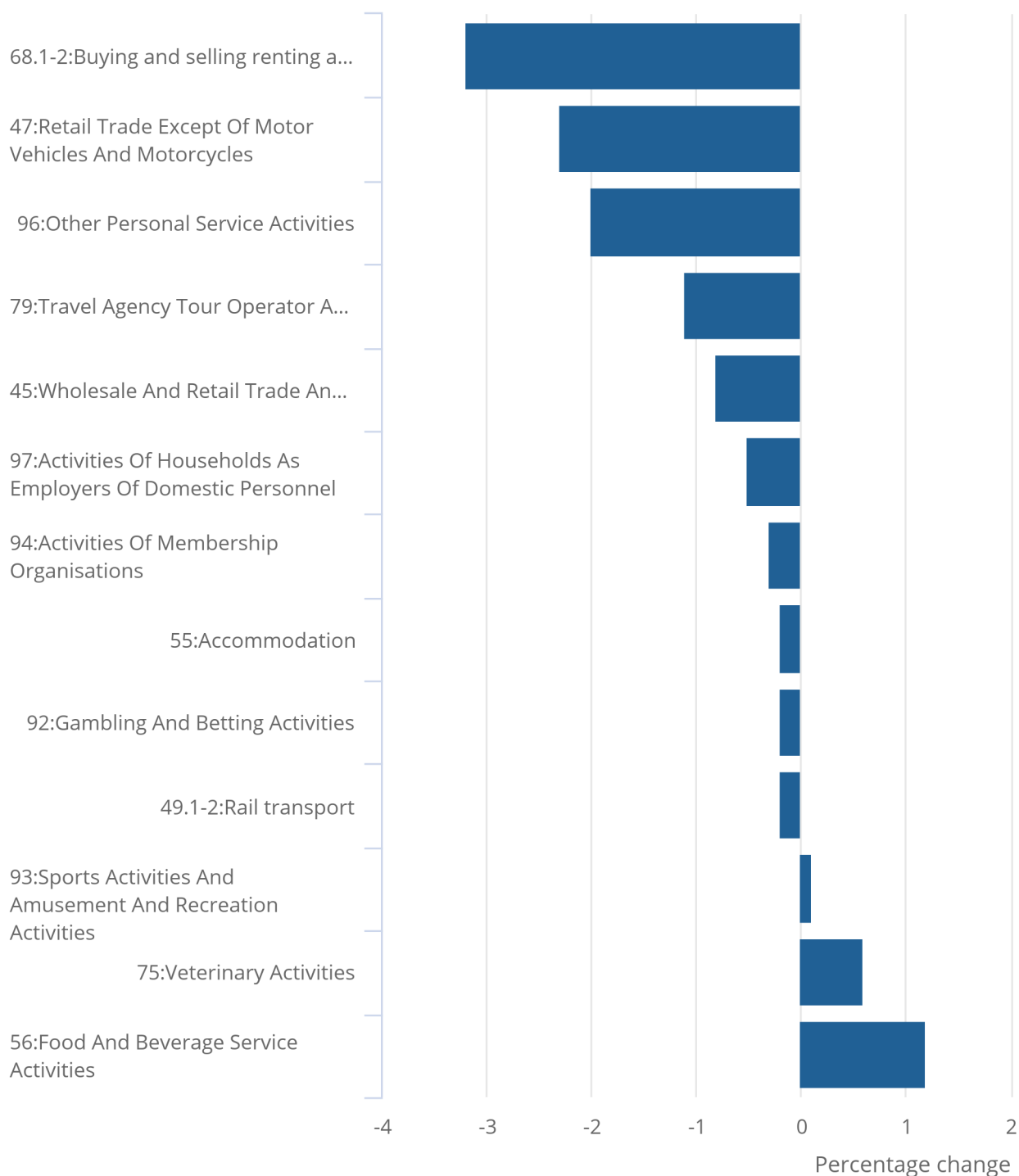
Consumer-facing services were 8.8% below their pre-coronavirus levels (February 2020) in May 2023, with 10 of 13 industries lower than February 2020 (Figure 5). Within consumer-facing services, the largest contributors to this decline between February 2020 and May 2023 were buying and selling, renting and operating of own or leased real estate, excluding imputed rent and retail trade, excluding motor vehicles and motorcycles which have seen output decrease by 14.4% and 8.7%, respectively. The largest positive contributor within consumer-facing services was food and beverage service activities, which has grown by 8.7% between February 2020 and May 2023.

Figure 5: 10 of 13 consumer-facing service industries remain below their pre-coronavirus levels (February 2020) in May 2023

Service industries contributions to consumer-facing services growth, February 2020 to May 2023, UK

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Service industries contributions to consumer-facing services growth, February 2020 to May 2023, UK



Source: GDP monthly estimate from the Office for National Statistics

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

4 . The production sector

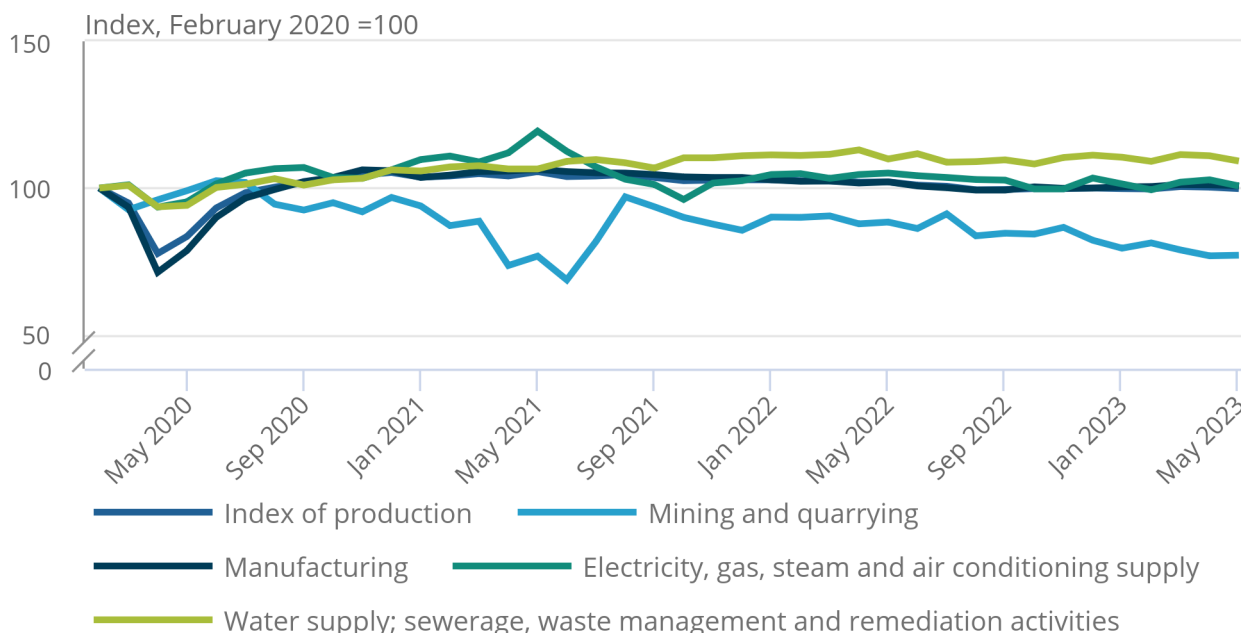
Production output fell by 0.6% in May 2023, following a fall of 0.2% in April 2023, revised up from a fall of 0.3% in the previous publication. Electricity, gas, steam and air conditioning supply fell by 2.0% and was the largest contributor to the fall in production output in May 2023. Overall, production output grew 0.4% in the three months to May 2023, compared with the three months to February 2023, with growth of 0.8% in manufacturing being the largest positive contributor to growth in production output in that period.

Figure 6: Production output fell by 0.6% in May 2023

Monthly index, February 2020 to May 2023, UK

Figure 6: Production output fell by 0.6% in May 2023

Monthly index, February 2020 to May 2023, UK



Source: GDP monthly estimate from the Office for National Statistics

Notes:

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

Mining and quarrying was the only production sub-sector to see increased output in May 2023. It increased by 0.3%, attributed to growth of 0.6% in the extraction of crude petroleum and natural gas.

Electricity, gas, steam and air conditioning supply was the largest negative contributor, falling 2.0% after growth of 0.7% in April (revised up from 0.6% in our previous publication) and growth of 2.6% in March (revised up from 1.1% in our previous publication).

Water supply and sewerage fell by 1.7% in May 2023, with falls of 2.6% in sewerage, 1.6% in waste collection, treatment, and disposal activities and 0.5% in water collection, treatment, and supply.

Manufacturing fell by 0.2% in May 2023 after a fall of 0.1% in April 2023, revised up from a fall of 0.3% in the previous publication.

Figure 7 shows that the manufacturing sector saw falls in 8 of its 13 subsectors. Manufacture of wood and paper products, and printing and other manufacturing and repair, were the largest negative contributors falling by 3.0% and 1.7% respectively.

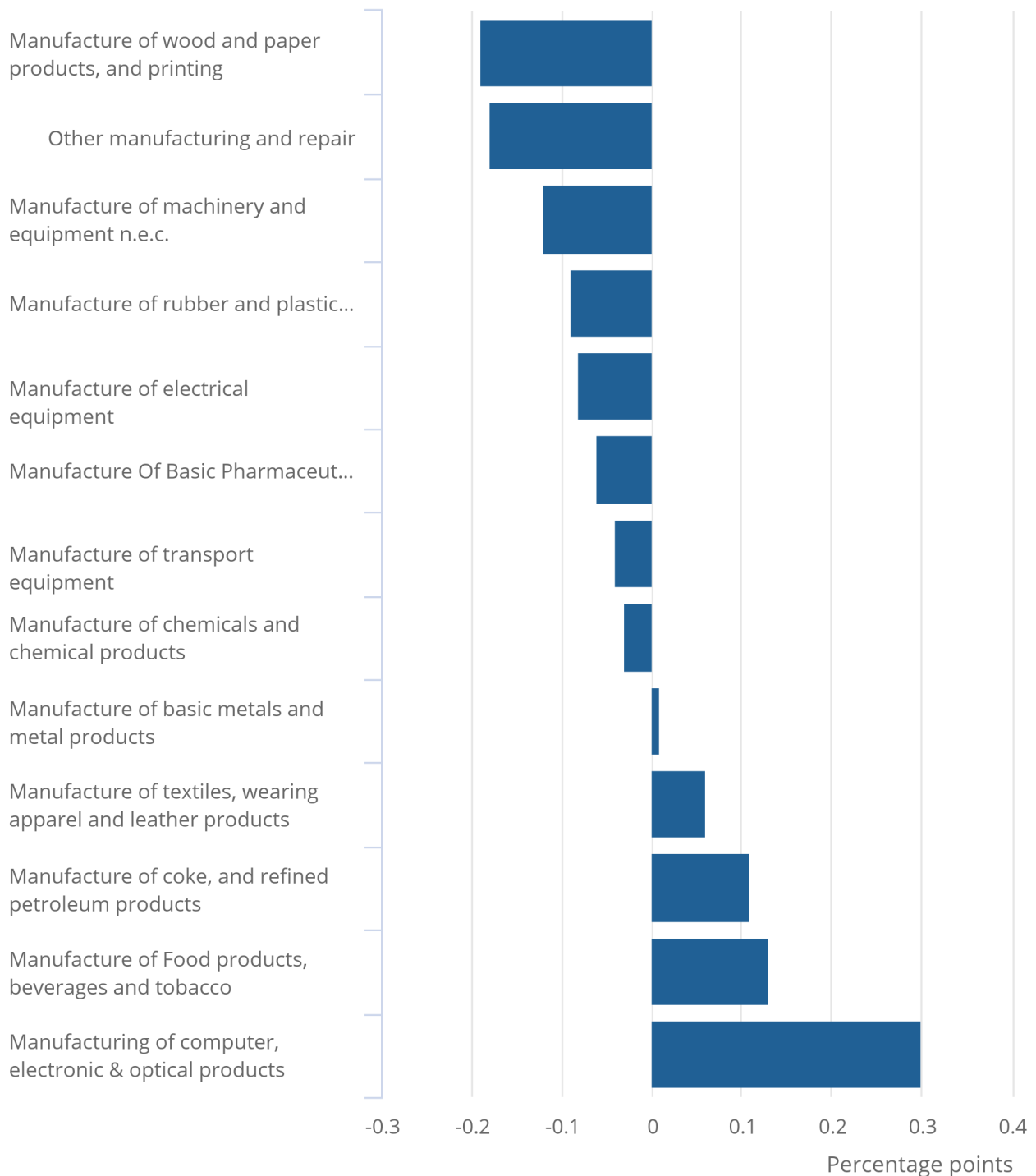
Growth was seen in 5 of the 13 subsectors, with manufacturing of computer, electronic and optical products being the largest positive contributor, growing by 4.8% in May 2023 after a fall of 4.4% in April.

Figure 7: Manufacturing fell by 0.2% in May 2023

Monthly manufacturing subsectors contributions to manufacturing output, May 2023, UK

Figure 7: Manufacturing fell by 0.2% in May 2023

Monthly manufacturing subsectors contributions to manufacturing output, May 2023, UK



Source: GDP monthly estimate from the Office for National Statistics

5 . The construction sector

We estimate monthly construction output to have decreased 0.2% in volume terms in May 2023; this is the third consecutive fall in the month-on-month series.

The decrease in monthly output came from a decrease in new work (0.4% fall), with repair and maintenance showing no growth (0.0%) on the month. Four out of the nine sectors saw a decrease on the month.

At the sector level, the main contributors to the monthly decrease were seen in non-housing repair and maintenance and private housing new work, which decreased 2.5% and 1.7%, respectively.

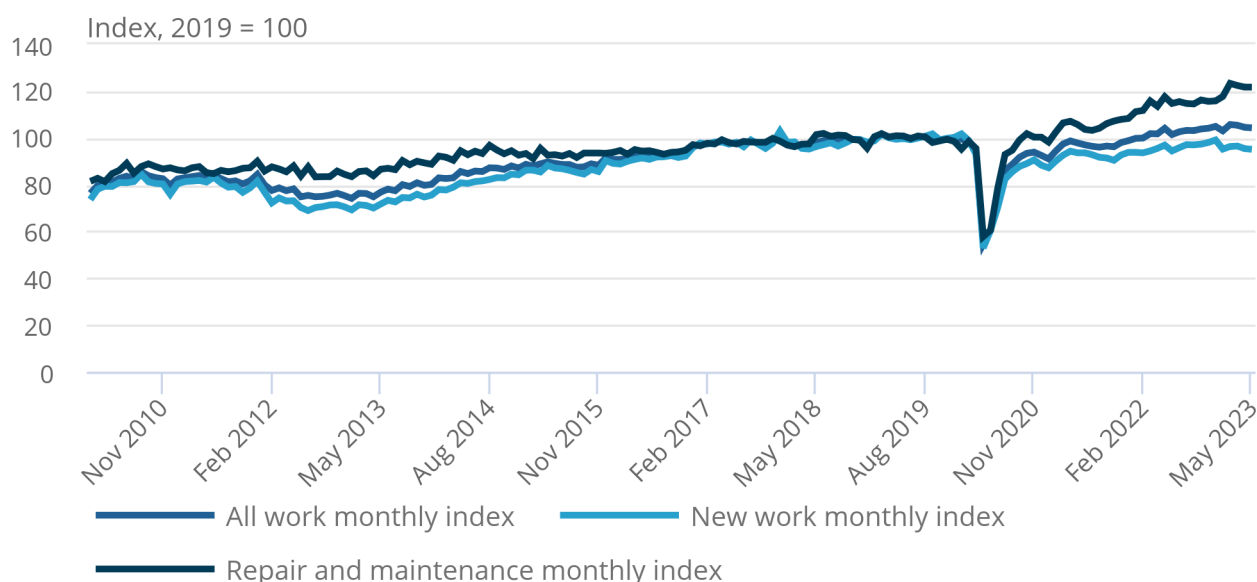
Anecdotal evidence received from our [Monthly Business Survey for Construction and allied trades \(MBS\)](#) continued to indicate a slow-down in private housing, referring to customers' economic worries. Despite this, some businesses across other sectors continued to report an easing in inflation.

Figure 8: The monthly all work construction output index in May 2023 saw a decrease of 0.2% on the month

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

Figure 8: The monthly all work construction output index in May 2023 saw a decrease of 0.2% on the month

Monthly all work index, chained volume measure, seasonally adjusted, Great Britain, January 2010 to May 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: May 2023 bulletin](#).

6 . Cross-industry themes

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

A range of manufacturing industries and businesses within construction cited the additional bank holiday for the Coronation of King Charles III on Monday 8 May as a reason for reduced output. On the positive side, we had comments suggesting industries in the arts, entertainment and recreation sector benefitted from the extra bank holiday. There were also comments on both increased and reduced output received in the accommodation and food services sector.

There was also anecdotal evidence, reported on monthly business survey returns, to suggest that industrial action in May 2023 had an impact on different industries of varying degrees. The health sector (nurses), rail network, education sector and the civil service all saw industrial action take place in May 2023 and this should be considered when interpreting monthly movements in these industries. We also had some anecdotal evidence to suggest that the rail network industrial action had an adverse impact in terms of footfall for food and beverage service activities.

7 . Revisions to monthly gross domestic product (GDP)

This release gives data for May 2023 for the first time, and April 2023 is also open for revision. Revisions to monthly data from January 2023 to March 2023 published in our [GDP quarterly national accounts, UK: January to March 2023 bulletin](#) on 30 June 2023 are also included.

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

	Jan-2023	Feb-2023	Mar-2023	Apr-2023
GDP	-0.1	0.1	0.1	0.0
Services	0.0	0.0	0.1	0.0
Production	0.1	0.0	0.1	0.1
Construction	-0.2	0.0	-0.4	-0.3

Source: Monthly GDP estimate from Office for National Statistics

Notes

1. Revisions are rounded to one decimal place and calculated based on the one decimal place indexes.
2. Further information on current and past revisions can be found in our Revision triangles dataset.

The next monthly GDP release on 11 August 2023 will have April and May 2023 open for revision in line with our [National Accounts Revision Policy](#).

8 . Monthly gross domestic product (GDP) data

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

Dataset | Released 13 July 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 July 2023

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

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

Dataset | Released 13 July 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 July 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 July 2023

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

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

Dataset | Released 13 July 2023

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

9 . Glossary

10 . 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: May 2023.](#)
- [Index of Production, UK: May 2023.](#)
- [Index of Services, UK: May 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 estimates of GDP are based only on 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 (see 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 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

An additional bank holiday was announced 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.

11 . 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 (see our [Beware Base Effects blog post](#)) on growth rates because of the economic impact of the coronavirus (COVID-19) pandemic throughout 2020 and 2021. Such comparisons and growth rates can be found in our [accompanying dataset](#).

12 . Related links

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

Bulletin | Released 13 July 2023

Short-term measures of output by the construction industry, contracts awarded for new construction work in Great Britain and a summary of the Construction Output Price Indices (OPIs) in the UK for Quarter 2 (Apr to June) 2022.

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

Bulletin | Released 13 July 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: May 2023](#)

Bulletin | Released 13 July 2023

Monthly movements in output for the services industries.

[GDP quarterly national accounts, UK: January to March 2023](#)

Bulletin | Released 30 June 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.

[Coronavirus and the effects on UK GDP](#)

Article | Released 6 May 2020

How the global coronavirus (COVID-19) pandemic and the wider containment efforts are expected to impact on UK gross domestic product (GDP) as well as some of the challenges that national statistical institutes are likely to face.

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

Article | Released 11 November 2021

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

13 . Cite this statistical bulletin

Office for National Statistics (ONS), released 13 July 2023, ONS website, statistical bulletin [GDP monthly estimate, UK: May 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	Accommodation and storage	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	99.0	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	86.0	87.6	81.6	70.3	59.9	86.6	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	98.0	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 May	96.3	100.6	110.4	76.8	111.4	127.8	111.1	99.1	93.7	87.7	73.9	80.6	104.4	105.4	100.0	99.5	96.2	97.7	96.8	79.7	81.2	76.9	82.1
Jun	97.3	102.3	108.6	68.8	110.7	120.4	113.7	98.4	95.3	87.9	77.0	91.0	103.9	105.1	100.2	103.4	98.1	97.9	99.4	84.0	81.5	73.5	89.5
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	104.9	77.0	105.9	110.0	115.7	105.9	99.2	82.2	84.8	108.6	117.6	104.8	99.4	108.0	117.5	101.1	97.9	87.8	107.1	81.6	59.4
May	100.4	105.6	104.3	77.2	105.6	107.8	113.8	105.7	99.2	81.8	84.9	107.5	118.0	104.6	99.2	108.0	116.8	101.2	98.5	88.8	109.1	80.5	57.9
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	1.0	-1.7	1.7	-0.7	3.2	-1.7	13.2	-0.9	1.4	0.0	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	0.0	1.5	1.5	-0.4	1.9	3.5	9.2	-2.5	1.7	-1.0	0.5	5.3	6.4	-1.6	1.8	-2.0	6.3
2020	-10.6	-3.5	1.2	-3.2	0.1	9.1	5.0	-13.5	-12.4	-18.4	-29.7	-40.1	-1.4	0.3	0.0	-8.0	-11.0	-4.9					

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

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 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	
	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 May	16.9	7.1	22.8	-16.9	30.6	17.4	11.1	41.3	14.1	23.9	34.8	99.2	7.0	6.4	-0.2	12.8	20.0	-0.6	56.1	16.0	26.0	6.0	27.0
Jun	24.3	10.5	23.3	-26.4	32.4	18.5	11.9	56.5	22.5	27.4	52.3	402.6	10.5	6.7	0.2	18.1	28.8	1.0	75.2	55.7	55.1	17.6	67.6
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	-2.1	-11.7	-1.2	-2.7	-1.2	4.0	0.7	-1.1	-1.5	1.4	3.1	0.0	0.1	1.5	5.2	0.7	0.0	-1.4	3.6	-0.8	-8.9
May	0.1	-0.3	-1.9	-12.7	-1.0	-2.4	-0.8	2.1	0.3	-0.9	-2.7	0.6	3.3	-0.3	-0.2	0.4	4.0	0.7	0.0	-1.3	2.8	-0.9	-10.0

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 May	1.3	1.3	1.4	4.3	0.6	6.6	0.0	-0.9	1.5	-0.4	-1.6	35.4	-0.6	-0.3	0.0	-0.1	1.6	1.3	2.5	7.7	7.8	-14.4	13.6
Jun	1.0	1.8	-1.6	-10.5	-0.7	-5.8	2.4	-0.8	1.7	0.3	4.1	13.0	-0.5	-0.2	0.1	3.9	2.0	0.2	2.6	5.4	0.3	-4.4	9.0
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	0.2	-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	0.1	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	-0.2	-2.4	-0.1	0.7	-0.3	-0.9	0.3	1.3	0.0	2.1	1.4	-0.1	-0.2	-0.4	0.8	0.1	0.6	-0.8	0.0	0.6	-4.4
May	-0.1	0.1	-0.6	0.3	-0.2	-2.0	-1.7	-0.2	0.0	-0.5	0.1	-0.9	0.4	-0.2	-0.2	0.1	-0.7	0.1	0.5	1.1	1.8	-1.3	-2.6

1 The GVA output is designated as a National Statistic.

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

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

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

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

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

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

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)																						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	
	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	
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	
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	May	26.8	10.6	26.4	-22.5	35.2	25.3	13.2	62.4	24.8	32.6	57.5	607.0	12.0	6.4	0.2	19.2	34.5	1.2	80.9	60.5	77.1	12.3	86.1
	Jun	17.6	9.5	11.5	-33.0	17.3	10.9	8.8	33.0	17.8	7.6	31.6	267.4	7.7	5.0	0.5	16.5	19.1	2.3	63.8	55.6	48.0	5.4	75.9
	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
2022	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	0.5	-0.3	-1.6	-12.4	-0.6	-1.7	-1.7	2.7	0.7	-1.2	-2.2	1.5	3.9	-0.2	-0.2	1.3	4.7	0.8	-0.2	0.9	0.8	0.5	-11.0
	May	-0.4	-0.3	-2.3	-12.8	-1.2	-4.2	-0.6	0.2	-0.1	-0.6	-3.1	-0.3	3.1	-0.8	-0.6	-1.2	2.6	0.7	0.0	-1.9	4.4	-1.4	-14.9

1 The GVA output is designated as a National Statistic.

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

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

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

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

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

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

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 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	
	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 ^{3,5}

2021	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	
	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	-0.1	-0.1	0.1	0.2	0.1	0.0	-0.1	-0.2	0.0	0.0	-0.3	-0.2	-0.2	0.1	0.0	-0.2	0.1	0.0	0.0	-0.1	0.6	-0.1	0.5
	Feb	0.1	0.1	0.0	-0.1	0.0	-0.7	0.2	0.0	0.0	-0.1	0.1	0.3	0.4	0.1	-0.1	-0.1	0.2	0.1	0.1	-0.1	0.4	-0.1	-0.5
	Mar	0.1	0.0	0.1	-1.6	0.0	1.5	0.3	-0.4	0.1	-0.1	0.1	0.3	0.1	0.0	0.0	0.5	0.4	0.1	0.0	-0.3	-0.1	0.2	-0.5
	Apr	0.0	0.0	0.1	-0.5	0.2	0.1	-0.2	-0.3	0.0	0.3	-0.5	0.3	0.1	-0.2	0.0	-0.1	-0.1	0.0	-0.2	0.1	-0.2	-0.1	0.0

Percentage change, latest month on same month a year ago ^{3,5}

2021	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	
	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	-0.1	0.1	0.2	0.2	0.0	-0.1	-0.2	0.0	0.0	-0.3	-0.1	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.6	-0.1	0.4
	Feb	0.0	0.0	0.0	0.1	0.1	-0.6	0.2	-0.2	0.0	0.0	-0.1	0.1	0.2	0.1	0.0	-0.3	0.2	0.0	0.1	-0.2	0.9	-0.1	0.0
	Mar	0.0	0.0	0.1	-1.2	0.2	0.8	0.5	-0.6	0.0	-0.1	0.0	0.4	0.3	0.0	-0.1	0.2	0.7	0.1	0.1	-0.5	0.7	0.0	-0.5
	Apr	0.0	0.0	0.3	-1.8	0.3	1.0	0.3	-0.9	0.0	0.2	-0.5	0.7	0.4	-0.2	0.0	0.1	0.6	0.1	-0.1	-0.5	0.6	0.0	-0.4

1 The GVA output is designated as a National Statistic.

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

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

4 Monthly data from the construction survey are only available from January 2010, therefore the data prior to this period are derived using statistical methods from the available quarterly data, and should therefore be treated with some caution.

5 Revisions to periods highlighted in Grey are consistent with the Quarterly National Accounts published on 30 June 2023

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

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
2021	May	4.29	0.02	0.07	-0.10	0.13	0.07	0.01	0.35	3.95	0.85	0.06	0.53	0.23	0.08	-0.06	0.30	0.20	0.13	0.83	1.18	0.02	-0.02	-0.01
	Jun	6.18	0.02	0.04	-0.13	0.14	0.07	0.01	0.23	6.06	1.17	0.13	1.17	0.25	0.02	-0.07	0.26	0.23	0.18	1.49	1.49	0.11	0.11	0.03
	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
	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
2022	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	0.09	0.00	0.04	-0.05	0.08	0.00	0.00	0.07	-0.03	-0.04	-0.03	0.01	0.01	0.02	0.00	-0.02	0.04	-0.05	-0.04	-0.04	0.05	0.03	0.00
	May	0.03	0.00	0.05	-0.04	0.07	0.01	0.00	0.01	-0.04	-0.07	-0.04	0.02	0.01	-0.01	-0.01	-0.04	0.00	-0.03	0.02	0.00	0.07	0.01	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	May	16.86	0.05	2.94	-0.14	2.77	0.28	0.15	2.08	11.52	2.33	0.98	1.07	0.51	0.62	-0.03	1.02	0.96	-0.04	2.79	1.40	0.29	0.09	0.04
	Jun	24.26	0.08	3.11	-0.24	3.03	0.31	0.17	2.68	18.27	2.79	1.38	2.31	0.78	0.67	0.04	1.45	1.36	0.06	3.69	4.04	0.54	0.26	0.08
	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
	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
2022	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	0.48	0.00	-0.29	-0.13	-0.11	-0.06	-0.01	0.24	0.53	-0.11	-0.06	0.04	0.21	0.00	0.01	0.12	0.28	0.03	0.00	-0.11	0.05	-0.01	-0.01
	May	0.13	0.00	-0.27	-0.14	-0.09	-0.05	-0.01	0.13	0.27	-0.09	-0.11	0.02	0.22	-0.02	-0.02	0.03	0.22	0.04	0.00	-0.11	0.04	-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

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
2021	May	1.30	0.01	0.19	0.02	0.06	0.10	0.00	-0.06	1.16	-0.05	-0.05	0.64	-0.04	-0.03	-0.01	-0.01	0.08	0.06	0.17	0.66	0.09	-0.23	0.02
	Jun	1.03	0.01	-0.21	-0.06	-0.07	-0.10	0.03	-0.05	1.36	0.03	0.13	0.32	-0.03	-0.02	0.02	0.30	0.10	0.01	0.18	0.49	0.00	-0.06	0.01
	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
	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
2022	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
	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	0.01	-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	0.16	0.00	-0.03	-0.02	-0.01	0.02	0.00	-0.06	0.25	0.13	0.00	0.06	0.09	-0.01	-0.02	-0.03	0.05	0.01	0.03	-0.06	0.00	0.01	0.00
	May	-0.09	0.00	-0.08	0.00	-0.02	-0.04	-0.02	-0.01	0.00	-0.05	0.00	-0.03	0.03	-0.02	-0.02	0.00	-0.04	0.01	0.03	0.09	0.03	-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	May	26.81	0.08	3.55	-0.21	3.30	0.42	0.19	2.91	20.12	3.24	1.47	2.64	0.90	0.65	0.03	1.54	1.59	0.08	3.92	4.37	0.69	0.19	0.09
	Jun	17.60	0.07	1.58	-0.29	1.70	0.18	0.12	1.71	14.31	0.86	0.93	2.32	0.55	0.47	0.07	1.30	0.93	0.13	3.21	4.00	0.48	0.08	0.09
	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
2023	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
	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	0.50	0.00	-0.23	-0.14	-0.06	-0.04	-0.02	0.16	0.56	-0.12	-0.09	0.05	0.26	-0.02	-0.02	0.10	0.26	0.04	-0.01	0.07	0.01	0.01	-0.01
May	-0.41	0.00	-0.32	-0.14	-0.11	-0.09	-0.01	0.01	-0.10	-0.06	-0.12	-0.01	0.21	-0.06	-0.07	-0.10	0.15	0.04	0.00	-0.16	0.07	-0.02	-0.02	