

Statistical bulletin

GDP monthly estimate, UK : August 2022

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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1 . Main points

- Gross domestic product (GDP) is estimated to have fallen by 0.3% in August 2022, after growth of 0.1% in July 2022 (revised down from a growth of 0.2% in our previous publication).
- There has been a continued slowing in the underlying three-month on three-month growth, where GDP also fell by 0.3% in the three months to August compared with the three months to May 2022.
- Production fell by 1.8% in August 2022 after a fall of 1.1% in July 2022 (revised down from a fall of 0.3% in our previous publication) and was the main contributor to the fall in GDP; this fall was mainly because of a decrease of 1.6% in manufacturing.
- Services fell by 0.1% in August 2022, after growth of 0.3% in July 2022 (revised down from a 0.4% growth in our previous publication); human health and social work activities, and arts, entertainment and recreation activities fell by 1.3% and 5.0% respectively and were the largest contributors to the small fall in services in August, partially offset by growth of 1.2% in professional, scientific and technical activities.
- Construction grew by 0.4% in August 2022, after growth of 0.1% in July 2022 (revised up from a fall of 0.8% in our previous publication); the increase in monthly construction output in August came solely from a 1.9% increase in new work, as repair and maintenance saw a decrease of 2.0% on the month.
- Output in consumer-facing services fell by 1.8% in August 2022, after growth of 0.7% in July 2022 (revised up from growth of 0.6% in our previous publication).

2 . Monthly GDP

Monthly real gross domestic product (GDP) is estimated to have fallen by 0.3% in August 2022 (Figure 1) following growth of 0.1% in July 2022 (revised down from a growth of 0.2% in our previous publication).

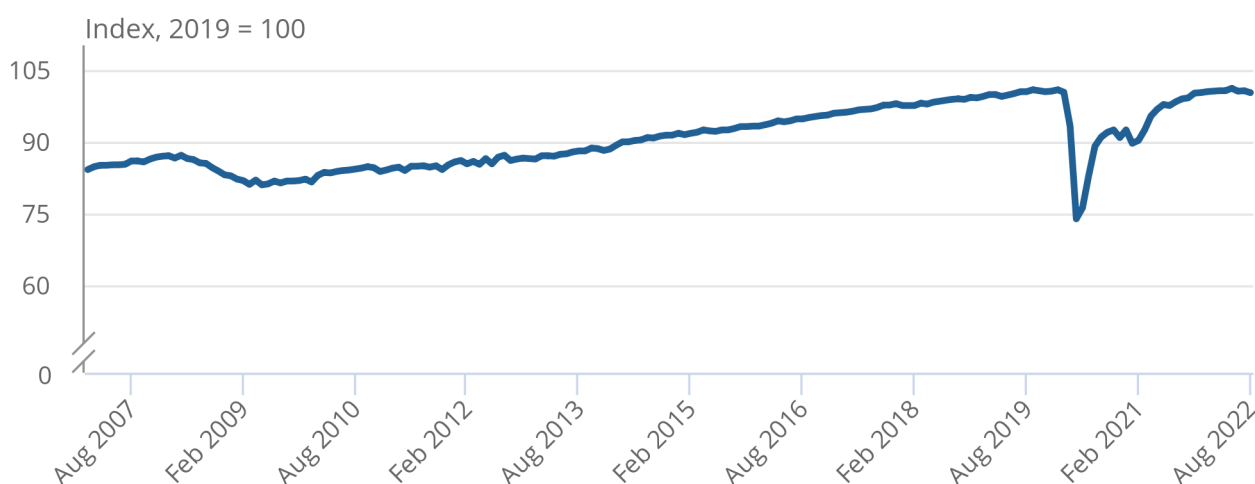
Monthly GDP is now estimated to be at the same level as its pre-coronavirus levels (February 2020).

Figure 1: UK GDP is estimated to have fallen by 0.3% in August 2022

Monthly index, January 2007 to August 2022, UK

Figure 1: UK GDP is estimated to have fallen by 0.3% in August 2022

Monthly index, January 2007 to August 2022, UK



Source: Office for National Statistics – GDP monthly estimate

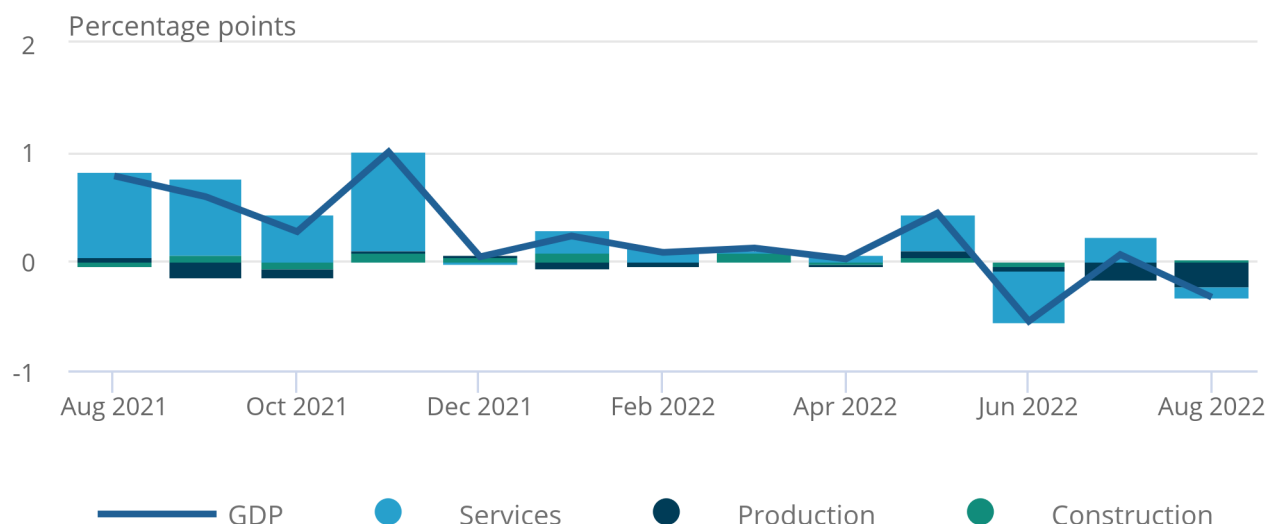
The [production](#) sector fell by 1.8% in August 2022 and was the main driver of the fall in GDP. [Services](#) also fell by 0.1% in August 2022 while [construction](#) grew by 0.4%, its second consecutive increase after growth of 0.1% in July 2022 (revised up from a 0.8% fall in our previous publication) (Figure 2).

Figure 2: Production was the main contributor to the negative GDP growth in August 2022

Contributions to monthly GDP growth, August 2021 to August 2022, UK

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Contributions to monthly GDP growth, August 2021 to August 2022, UK



Source: Office for National Statistics – GDP monthly estimate

Notes:

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

GDP fell by 0.3% in the three months to August 2022 compared with the previous three months to May 2022, with a 1.5% fall in production, 0.1% fall in services and flat growth in construction.

Monthly GDP grew by 2.0% between August 2021 and August 2022, down from 3.1% between July 2021 and July 2022 (revised up from 2.3% in our previous publication).

More about economy, business and jobs

- All ONS analysis, summarised in our [economy, business and jobs roundup](#).
- Explore the latest trends in employment, prices and trade in our [economic dashboard](#).
- View [all economic data](#).

3 . The services sector

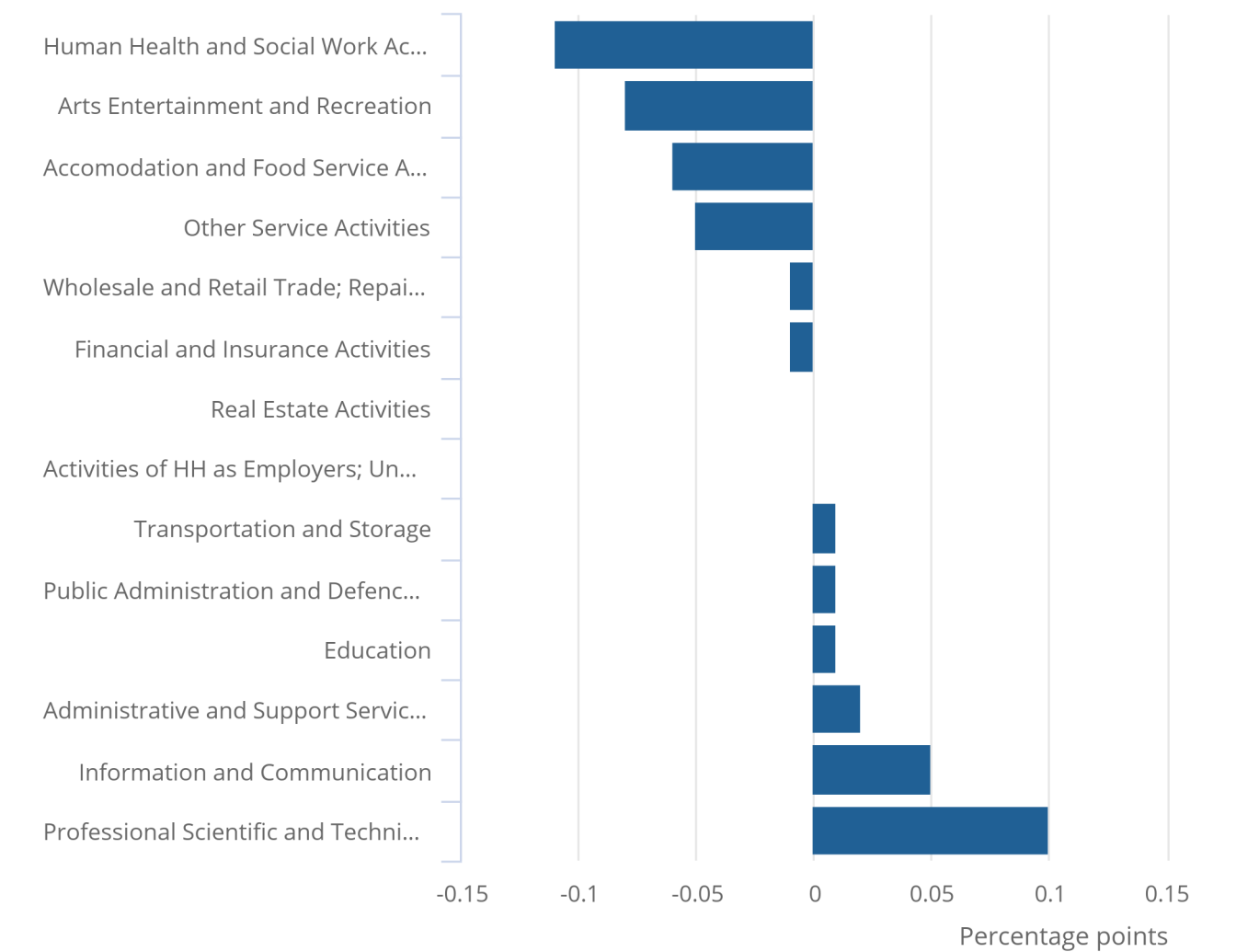
Services fell by 0.1% in August 2022, following growth of 0.3% in July 2022 (revised down from 0.4% growth in our previous publication). Figure 3 shows the contributions from the services sector to gross domestic product (GDP) in August 2022.

Figure 3: Services fell by 0.1% in August 2022, following a growth of 0.3% in July 2022 (revised down from a 0.4% growth in our previous publication)

Monthly services contributions to GDP, August 2022, UK

Figure 3: Services fell by 0.1% in August 2022, following a growth of 0.3% in July 2022 (revised down from a 0.4% growth in our previous publication)

Monthly services contributions to GDP, August 2022, UK



Source: Office for National Statistics – GDP monthly estimate

Notes:

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

Human health and social work activities fell by 1.3% in August 2022 and was the largest negative contributor to the services fall. This was entirely driven by human health activities, which fell by 1.9% in the month. There were downward contributions in all areas of human health activities, slightly offset by a growth in GP services. Further details of the impact of the NHS Test and Trace services and vaccination programme follow.

The second-largest negative contribution within services came from arts, entertainment and recreation, which fell by 5.0% in August 2022. This fall was almost entirely driven by sports activities and amusement and recreation activities, which fell by 9.4% in the month after a strong July, which included a number of large sporting events. There was also a 7.0% fall in libraries, archives, museums and other cultural activities in August, which were less popular than expected.

These falls were offset by a rise in professional, scientific and technical activities, of 1.2%, after two consecutive falls. This sub-sector saw growth in all eight industries.

NHS Test and Trace services and vaccine programmes

[NHS Test and Trace and COVID-19 vaccination programme](#) activity decreased by 28% in August 2022, driven by decreases in both testing and vaccine activity.

- Coronavirus (COVID-19) testing volumes for August fell by 25% from July; this was driven both by decreases in laboratory-processed testing and lateral flow (LFD) testing.
- Tracing volumes fell to zero in March 2022 for England and remain there; all contact tracing within the UK stopped as of June 2022.
- Vaccine volumes fell by 46% compared with July 2022.

Overall, the NHS Test and Trace and the COVID-19 vaccination programme contributed negative 0.1 percentage points to monthly GDP growth.

Table 1: Volume estimates for Test and Trace saw a small increase while vaccines continued to fall in August 2022

	January 2022 to August 2022		
	NHS Test and Trace	Vaccine programmes	Total
Jan-22	2690	330	3020
Feb-22	1410	120	1530
Mar-22	1460	170	1630
Apr-22	810	300	1120
May-22	580	180	760
Jun-22	450	90	550
Jul-22	500	70	570
Aug-22	370	40	410
Monthly growth between July 2022 and August 2022 (%)	-25%	-46%	-28%

Source: Office for National Statistics - GDP monthly estimate, NHS England

Notes

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

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

Consumer-facing services

Output in consumer-facing services fell by 1.8% in August 2022, following growth of 0.7% in July 2022 (revised up from 0.6% in our previous publication). Consumer-facing services were 8.9% below their pre-coronavirus levels (February 2020) in August 2022, while all other services were 2.1% above (Figure 4).

The largest negative contributing industry was sports activities and amusement and recreation activities, which fell by 9.4% in the month. This follows a strong July growth of 12.7% in which a number of large sporting events took place.

The second-largest contributor to the fall in consumer-facing services was retail trade, except of motor vehicles and motorcycles, which fell by 1.6% in August 2022. This is the largest fall for the industry since December 2021; the industry has now fallen nine times in the last 10 months. The ONS publication [Retail sales, Great Britain: August 2022](#) notes a downward trend in the industry since summer 2021 following the lifting of restrictions on hospitality; and that in recent months, rising prices and cost of living are also affecting sales volumes.

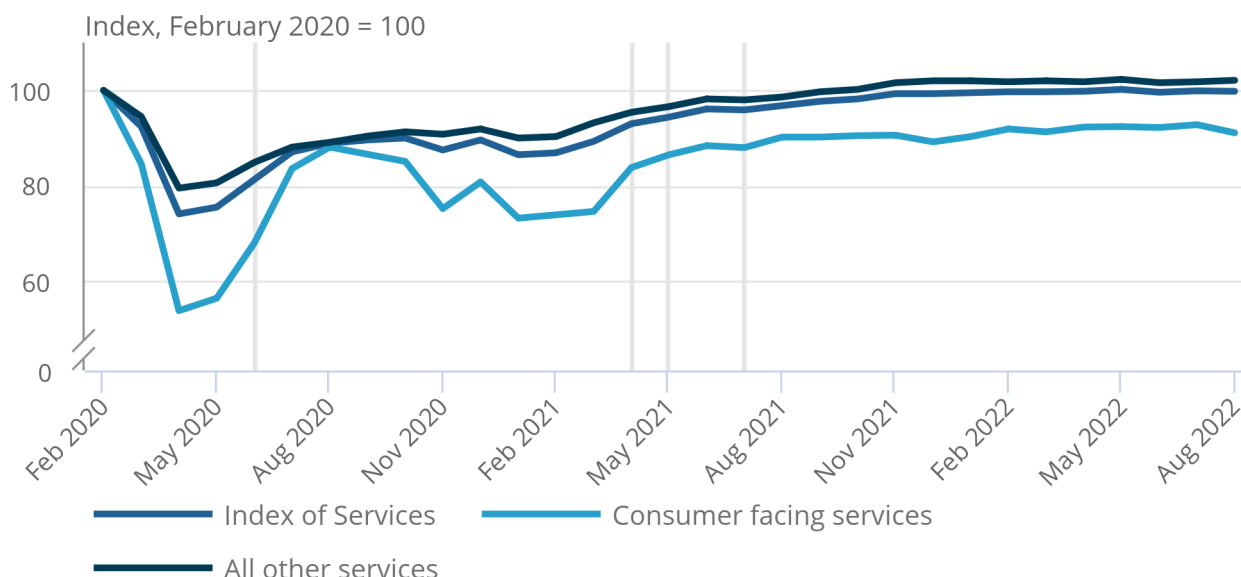
These falls were partially offset by a rise in veterinary activities of 4.6% in August 2022 after two consecutive falls of 1.3% in July and 1.3% in June.

Figure 4: Output in consumer-facing services fell by 1.8% in August 2022 and remains 8.9% below pre-coronavirus levels

Monthly Index of Services, February 2020 to August 2022, UK

Figure 4: Output in consumer-facing services fell by 1.8% in August 2022 and remains 8.9% below pre-coronavirus levels

Monthly Index of Services, February 2020 to August 2022, UK



Source: Office for National Statistics – GDP monthly estimate

Notes:

1. Consumer-facing services refer to retail trade, food and beverage serving activities, travel and transport, and entertainment and recreation (Standard Industrial Classification 2007 codes: 45, 47, 49.1, 49.2, 55, 56, 68.1, 68.2, 75, 79, 92, 93, 94, 96 and 97).
2. Vertical grey lines represent (from left to right); Hospitality reopening on 1 June 2020, outdoor hospitality reopening on 12 April 2021, indoor hospitality reopening on 17 May 2021, and social distancing restrictions easing on 19 July 2021.

Overall, services fell by 0.1% in the three months to August 2022 compared with the previous three months to May 2022, with negative growth seen in 7 of the 14 services sectors, partially offset by positive contributions in the other seven services sectors.

More detailed breakdowns on services are available in the [Index of Services, UK: August 2022](#).

4 . The production sector

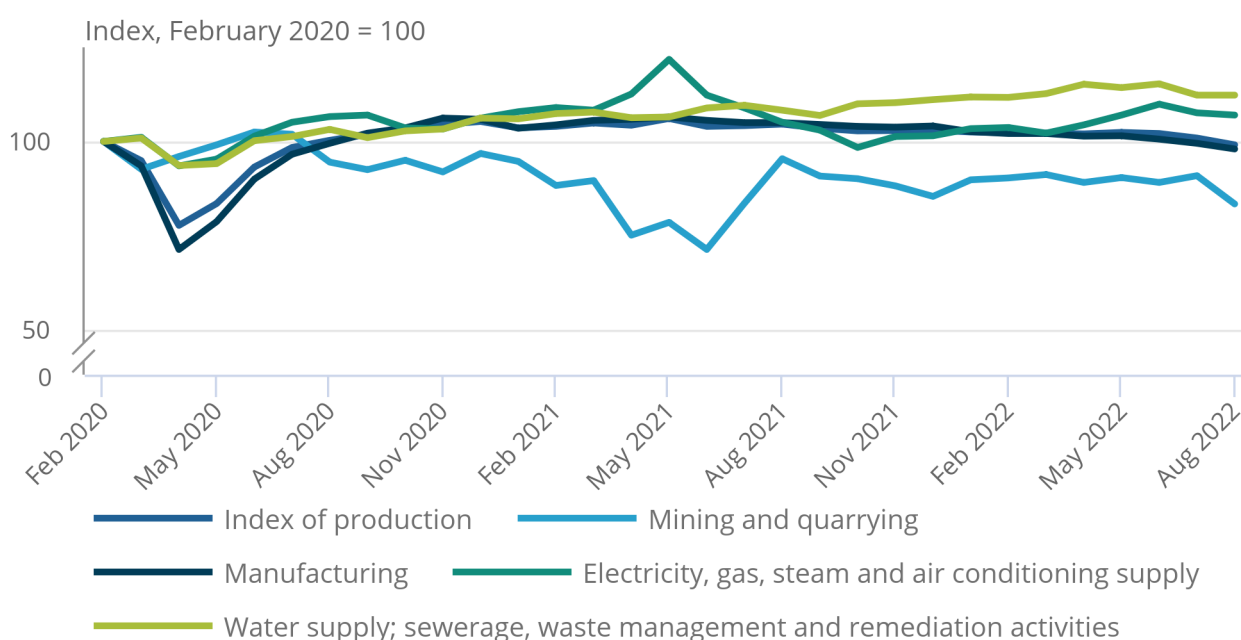
Production output fell by 1.8% in August 2022, with negative growth in three of the four sectors. This is the sector's third consecutive fall, after falling by 1.1% in July 2022 (revised down from a fall of 0.3% in our previous publication).

Figure 5: Production output fell by 1.8% in August 2022, with negative growth in three of the four sectors

Monthly index, February 2020 to August 2022, UK

Figure 5: Production output fell by 1.8% in August 2022, with negative growth in three of the four sectors

Monthly index, February 2020 to August 2022, UK



Source: Office for National Statistics – GDP monthly estimate

Notes:

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

Manufacturing was the main driver of negative production growth, falling by 1.6% on the month. Notable falls were seen in the manufacture of basic pharmaceutical products and pharmaceutical preparations (down 6.0%), manufacture of transport equipment (down 3.0%) and manufacture of basic metals and metal products (down 2.8%). Manufacture of chemicals and chemical products saw growth of 1.1% and made the largest positive contribution to manufacturing, though not enough to significantly offset falls elsewhere.

Within manufacture of transport equipment, the manufacture of motor vehicles, trailers and semi-trailers accounts for most of the fall, decreasing by 6.2%. Manufacture of basic iron and steel was the main driver within manufacture of basic metals and metal products, falling by 16.9% on the month.

Mining and quarrying was the second-largest contributor to negative production growth in August 2022, falling by 8.2%. This was wholly driven by extraction of crude petroleum and natural gas, which decreased by 10.6% on the month as a result of more planned maintenance than usual in the sub-sector.

Electricity, gas, steam and air conditioning supply fell by 0.6%, with a 1.2% fall in electric power generation, transmission and distribution being slightly offset by manufacture of gas, which grew by 0.4%. According to anecdotal evidence from the Department for Business, Energy and Industrial Strategy (BEIS), demand in August was 2.4% lower than that seen in August 2021. In August 2022 average temperatures were 2.2 degrees Celsius higher than in August 2021. The estimated drop may also indicate some changes in consumer behaviour in response to recent price rises. This is further shown in our recent [Consumer price inflation, UK: August 2022](#) bulletin where electricity prices rose by 54% in the 12 months to August 2022.

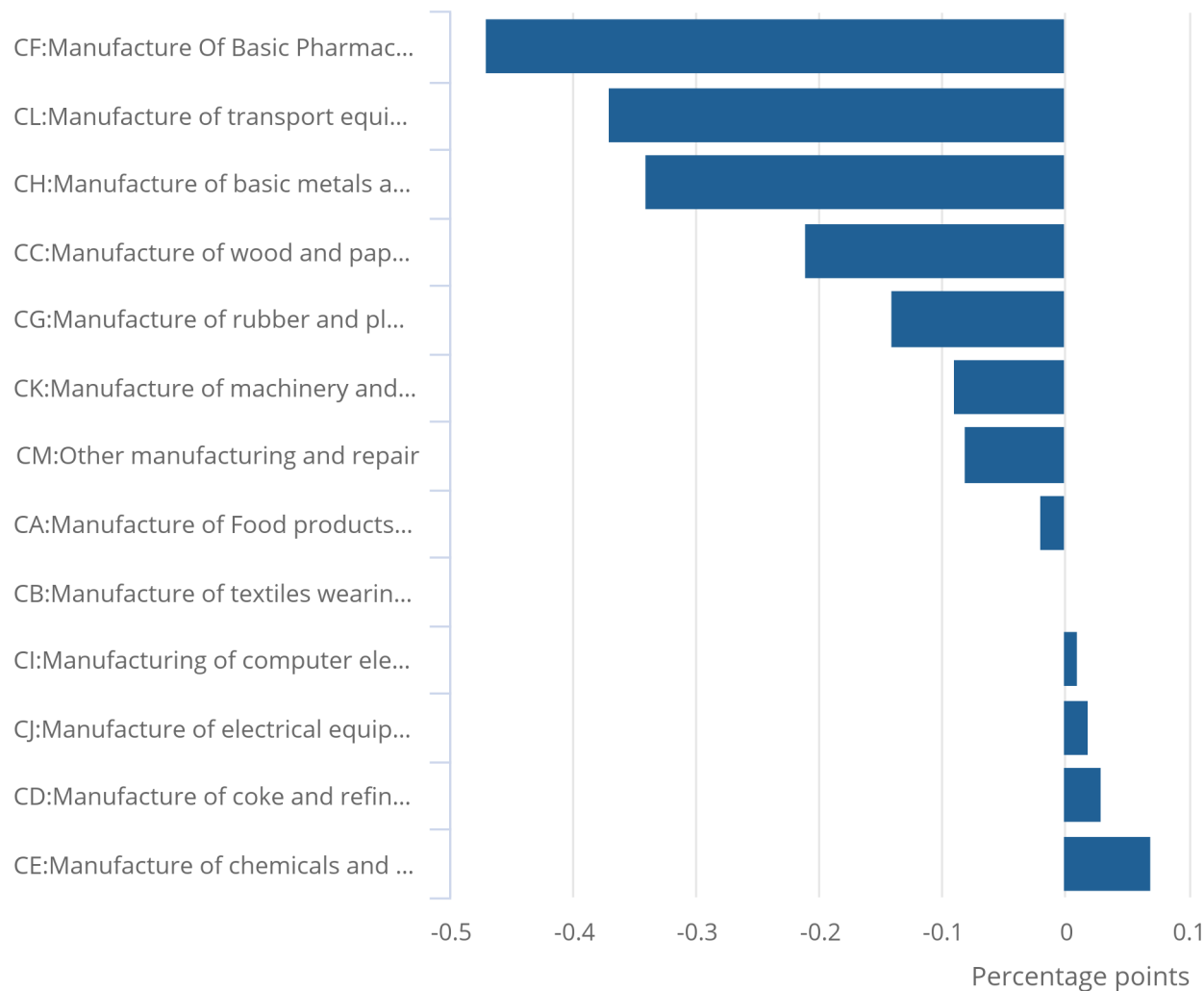
Water supply and sewerage was broadly flat in August 2022, with a fall in sewerage of 1.3% cancelled out by 1.4% growth in waste collection, treatment and disposal activities; materials recovery.

Figure 6: Manufacturing was the main driver of negative production growth, falling by 1.6% on the month

Monthly manufacturing subsectors' contributions to manufacturing output, August 2022, UK

Figure 6: Manufacturing was the main driver of negative production growth, falling by 1.6% on the month

Monthly manufacturing subsectors' contributions to manufacturing output, August 2022, UK



Source: Office for National Statistics – GDP monthly estimate

Notes:

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

Overall, production decreased by 1.5% in the three months to August 2022, compared with the previous three months to May 2022, driven primarily by manufacturing, which fell by 2.2%. There were also declines in mining and quarrying, and water supply and sewerage, which fell by 2.7% and 0.7% respectively. Electricity, gas, steam and air conditioning supply was the only sector that saw growth, up by 3.5% over the same period.

More detailed breakdowns on production are available in the [Index of Production, UK: August 2022](#).

5 . The construction sector

Monthly construction output increased by 0.4% in volume terms in August 2022. This is the second consecutive monthly growth following the upwardly revised increase to 0.1% in July 2022. August 2022 is the second highest monthly value in level terms (£15,011 million) with May 2022 remaining at the highest level since records began in January 2010 (£15,035 million).

The 0.4% growth in construction output in August 2022 represents an increase of £60 million in monetary terms compared with July 2022, with 3 out of the 9 sectors seeing an increase on the month.

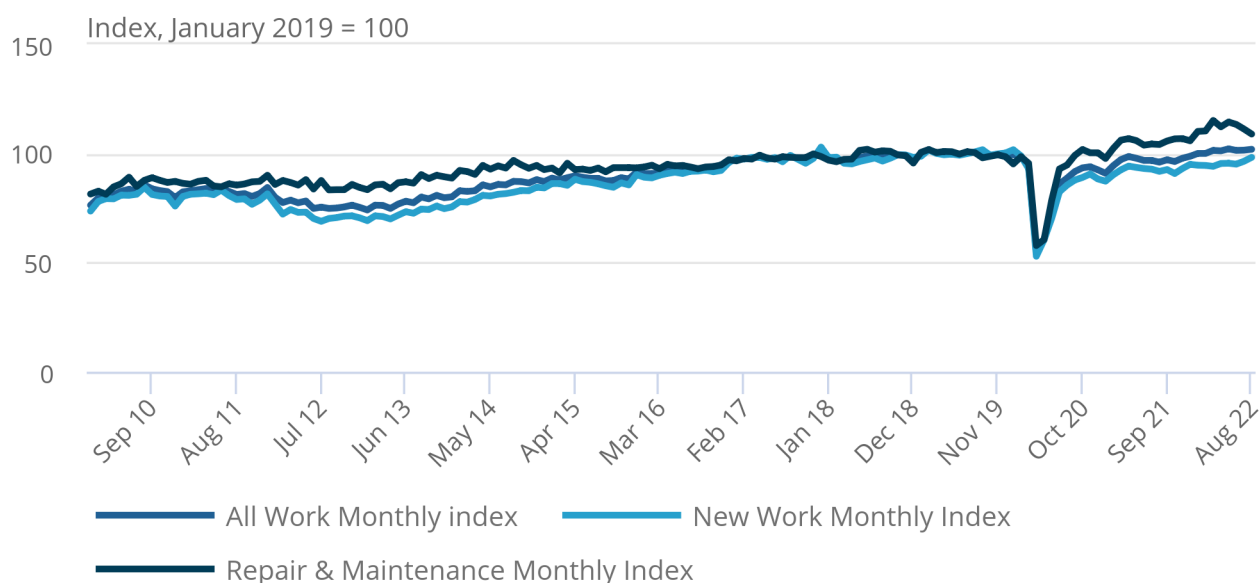
The increase in monthly construction output in August 2022 came solely from an increase in new work (1.9%) as repair and maintenance saw a decrease (2.0%) on the month. At the sector level, the main contributors to the increase seen in August 2022 were infrastructure, private industrial and private housing new work, which increased 5.3%, 4.3% and 1.7% respectively.

Figure 7: The monthly all work construction output index in August 2022 saw an increase on the month, solely coming from an increase in new work (1.9%)

Monthly all work index, chained volume measure, seasonally adjusted, Great Britain, January 2010 to August 2022

Figure 7: The monthly all work construction output index in August 2022 saw an increase on the month, solely coming from an increase in new work (1.9%)

Monthly all work index, chained volume measure, seasonally adjusted, Great Britain, January 2010 to August 2022



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

Notes:

- Indexes are rounded to one decimal place.

Alongside the monthly increase, construction output saw a slight increase of 0.1% in the three months to August 2022. This came solely from an increase seen in new work (1.6%) as repair and maintenance saw a decrease (2.4%). This is the 10th consecutive period of growth in the three-month on three-month series, however, the slowest rate of growth since the three months to October 2021, which saw a fall of 0.7%.

Further detail on construction output growth rates can be found in [Construction output in Great Britain: August 2022](#).

6 . Cross-industry themes

There were some common themes that were anecdotally reported (as part of the Monthly Business Survey) to have played a part in performance across different industries. However, it is often difficult to quantify these effects.

Staff shortages continued to be an issue for businesses with difficulties being reported by businesses working in road haulage, hire of catering equipment, repair and maintenance of motor vehicles, hotels, restaurants and coffee shops, and employment agencies.

There were mixed comments on the availability of semiconductors with businesses in wireless telecommunications, the manufacture of radio equipment and the wholesale of electronic and telecommunications equipment reporting shortages. However, there were also comments from businesses in the manufacture of computers and the manufacture of motor vehicles that suggested the shortage in supply was easing.

7 . Revisions to GDP

This release gives data for August 2022 for the first time. It also incorporates revisions to monthly data from January 1997 to June 2022, as published in our [Quarterly national accounts bulletin](#) on 30 September 2022. July 2022 is also open to revision, taking on updated survey data and seasonal adjustment reviews. Table 2 shows the revisions to monthly gross domestic product (GDP) and its sectors for April 2022 to July 2022, since the last monthly publication on 12 September 2022.

Table 2: Revision to month-on-month growth for GDP and its sectors
Percentage points, April to July 2022

	Apr-22	May-22	Jun-22	Jul-22
GDP	0.2	0.0	0.1	-0.1
Services	0.4	0.2	-0.1	-0.1
Production	-0.1	-0.9	0.6	-0.8
Construction	-0.4	-0.9	0.7	0.9

Source: Office for National Statistics - GDP monthly estimate

Notes

1. Revisions are calculated on growth rates rounded to one decimal place.

The downward revision in July for production was driven by manufacturing where revised survey data have been received. The upward construction revisions were caused by a mixture of survey revisions and seasonal adjustment.

A wide range of improvements to sources and methods have been incorporated into the accounts in this monthly GDP estimate as part of Blue Book 2022 as detailed in our [Impact of Blue Book 2022 changes on gross domestic product](#) article. These include:

- measuring the insurance industry using Solvency II regulatory data for the first time
- completing the transition to the improved Financial Survey of Pension Schemes
- a package of better sources and methods that improve the international comparability of the UK GDP estimates
- estimating 2020 for the first time using the supply and use tables (SUTs) framework, which looks at the supply of goods and services on a very detailed level, how they are used in the economy, and their associated prices

These improvements have previously been reflected in the [September quarterly national accounts estimate](#) with which the monthly GDP estimate has now aligned with from January 1997 to June 2022.

8 . Monthly GDP data

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

Dataset | Released 12 October 2022

The gross value added (GVA) tables showing the monthly and annual growths and indices as published within the monthly gross domestic product (GDP) statistical bulletin.

[Contributions to monthly GDP](#)

Dataset | Released 12 October 2022

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

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

Dataset MGDGP | Released 12 October 2022

Monthly estimate of gross domestic product (GDP) containing constant price gross value added (GVA) data for the UK.

[Monthly GDP and main sectors to four decimal places](#)

Dataset | Released 12 October 2022

Monthly index values for monthly gross domestic product (GDP) and the main sectors in the UK to four decimal places.

[Revisions triangles for monthly GDP](#)

Dataset | Released 12 October 2022

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

9 . Glossary

Contribution to growth

Contribution to growth indicates how many percentage points a sector or industry is adding or removing from a given growth rate, usually headline gross domestic product (GDP) growth.

Gross domestic product (GDP)

A measure of the economic activity produced by a country or region. GDP growth is the main indicator of economic performance. There are three approaches used to measure GDP:

- the output approach
- the expenditure approach
- the income approach

Index numbers

Data relative to a given base value, which typically refers to a year.

Rolling three-month growth

Rolling three-month growth takes the average level of three consecutive months (for example, April, May and June), and compares it with the average level of the previous three months (for example, January, February and March). The rolling three-month growth rate is often used alongside the monthly growth rate, as the latter can be more volatile.

For further definitions, please see the [Glossary of economic terms](#).

10 . Measuring the data

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

- Construction output in Great Britain: August 2022
- Index of Production, UK: August 2022
- Index of Services, UK: August 2022

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

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

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

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

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

We are aware of reclassifications or relocations of companies that may impact these published estimates of GDP and associated breakdowns. We are monitoring the data and will seek to implement any resulting changes into the national accounts as soon as possible.

11 . Strengths and limitations

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

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

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. Such comparisons and growth rates can be found in our [accompanying dataset: Monthly gross domestic product by gross value added](#).

12 . Related links

[Construction output in Great Britain: August 2022](#)

Bulletin | Released 12 October 2022

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: August 2022](#)

Bulletin | Released 12 October 2022

Movements in the volume of production for the UK production industries: manufacturing, mining and quarrying, energy supply, and water and waste management.

[Index of Services, UK: August 2022](#)

Bulletin | Released 12 October 2022

Monthly movements in output for the services industries.

[Coronavirus and the effects on GDP](#)

Article | Released 6 May 2020

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

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

Article | Released 11 November 2021

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

13 . Cite this statistical bulletin

Office for National Statistics (ONS), released 12 October 2022, ONS website, bulletin, [GDP monthly estimate, UK: August 2022](#)

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
2017	96.7	97.8	94.6	92.1	94.8	90.6	99.2	100.3	96.9	101.1	95.1	98.3	80.9	103.6	97.0	100.4	99.5	94.1	89.9	102.5	97.2	97.0	86.7
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	96.2	102.2	108.8	86.0	109.8	115.1	112.9	97.9	93.9	84.6	78.2	78.9	104.0	105.6	100.0	101.0	99.0	97.0	92.3	84.4	86.5	78.3	74.0
	ECY2	ECY3	ECY4	ECY5	ECY6	ECY7	ECY8	ECY9	ECYC	ECYD	ECYG	ECYH	ECYI	ECYJ	ECYK	ECYL	ECYP	ECYQ	ECYR	ECYS	ECYT	ECYU	ECYV
2020 Aug	90.8	96.0	104.9	94.6	104.3	114.1	107.5	89.8	88.4	85.5	71.9	90.3	98.0	99.2	99.7	89.7	85.9	93.7	91.9	60.0	67.6	87.5	88.2
Sep	91.8	96.8	106.5	92.6	107.0	114.5	105.3	92.9	89.1	84.3	73.5	82.7	97.8	100.2	99.8	92.3	86.0	93.2	97.5	62.6	69.3	88.9	94.1
Oct	92.3	96.0	107.6	95.1	108.5	110.9	107.2	94.7	89.5	84.6	73.2	72.9	101.6	99.7	99.9	93.3	88.3	93.1	98.6	63.5	73.7	90.1	90.1
Nov	90.7	95.9	109.3	92.0	111.3	110.5	107.7	95.2	87.1	80.1	74.7	41.3	99.4	100.5	99.8	93.2	88.4	93.0	95.7	63.3	67.5	78.9	83.6
Dec	92.3	97.2	110.1	96.8	111.0	113.6	110.7	93.7	89.1	81.9	75.6	50.1	98.2	104.2	100.2	97.7	93.3	93.4	92.9	63.3	76.5	94.6	79.3
2021 Jan	89.5	97.4	108.3	94.8	108.5	115.5	110.5	92.1	86.0	76.0	70.9	39.7	101.4	105.0	101.2	94.0	90.4	93.8	74.9	65.3	73.2	74.9	76.0
Feb	90.1	98.4	108.7	88.4	109.4	116.7	112.0	95.7	86.4	78.3	71.9	41.4	99.6	105.1	100.4	96.3	90.4	94.2	73.7	66.5	73.2	74.9	70.8
Mar	92.3	99.7	109.7	89.7	110.7	115.9	112.4	98.6	88.8	81.1	74.1	40.8	100.5	106.0	100.3	100.7	94.8	94.4	83.1	71.0	71.9	73.3	60.4
Apr	95.2	99.3	109.1	75.2	110.9	120.5	110.8	99.9	92.5	88.0	75.3	59.7	105.0	105.9	100.0	99.1	94.6	95.8	94.4	75.6	76.8	89.8	72.6
May	96.6	100.7	110.9	78.5	111.6	130.3	111.0	99.2	93.9	87.7	74.2	80.8	104.3	105.5	100.0	99.3	96.2	97.1	96.8	82.2	82.1	76.3	82.1
Jun	97.6	102.4	108.8	71.3	110.6	120.2	113.6	98.2	95.6	88.2	77.2	91.3	104.1	105.3	100.2	103.1	98.4	97.5	99.4	86.6	82.2	73.1	89.8
Jul	97.4	103.9	109.0	83.7	110.0	116.6	114.3	98.1	95.3	86.8	78.8	92.8	105.1	104.7	99.7	101.2	99.3	98.1	99.1	85.4	85.3	74.7	77.2
Aug	98.2	105.1	109.4	95.5	110.0	112.4	112.9	97.4	96.3	86.4	80.2	103.9	105.7	104.6	99.7	101.4	99.7	98.2	97.8	89.2	90.7	76.9	67.4
Sep	98.8	104.9	108.3	90.9	109.5	110.2	111.5	98.4	97.1	85.5	82.5	104.9	103.2	105.5	99.7	104.5	102.2	98.3	96.5	93.4	94.5	80.9	68.6
Oct	99.0	105.0	107.5	90.2	108.9	105.3	114.7	97.7	97.6	86.5	82.7	99.5	106.1	106.1	99.6	102.2	105.3	97.8	95.8	96.7	99.9	80.6	71.1
Nov	100.0	104.7	107.6	88.3	108.8	108.4	115.0	99.2	98.8	86.2	85.5	99.2	106.1	106.9	99.5	104.6	107.8	98.9	98.2	98.7	104.2	82.2	74.1
Dec	100.1	104.8	107.7	85.5	109.0	108.6	115.8	100.1	98.7	84.0	85.4	92.8	107.1	106.8	99.5	105.0	108.5	99.4	98.2	101.9	103.1	82.3	77.5
2022 Jan	100.3	105.0	107.2	89.9	107.5	110.6	116.5	101.4	99.0	84.8	85.7	97.7	110.1	106.1	99.4	105.8	109.6	99.6	97.9	97.5	107.0	84.6	75.7
Feb	100.4	105.5	106.9	90.3	107.0	111.0	116.4	101.4	99.2	83.8	85.5	105.0	111.8	105.4	99.0	108.2	113.4	99.8	97.5	93.3	109.4	82.7	69.5
Mar	100.5	105.9	106.9	91.3	107.0	109.4	117.5	102.8	99.2	83.0	86.6	105.8	110.3	105.2	99.1	110.6	112.2	99.9	97.4	93.6	110.3	83.7	63.7
Apr	100.5	106.0	106.7	89.2	106.2	111.7	120.1	102.6	99.3	83.4	86.1	106.1	111.2	105.7	99.3	109.0	114.3	99.8	98.1	91.4	113.1	83.4	67.1
May	101.0	106.2	107.1	90.4	106.3	114.5	119.2	103.5	99.7	82.4	86.7	106.0	112.5	106.2	99.4	111.1	116.0	99.8	98.3	92.3	108.7	83.8	69.2
Jun	100.4	106.2	106.8	89.2	105.4	117.6	120.2	102.7	99.1	81.8	85.4	108.3	111.4	106.5	99.2	109.8	113.2	99.9	98.5	90.7	108.7	83.1	73.2
Jul	100.5	105.9	105.6	91.0	104.3	115.2	117.1	102.8	99.4	81.6	86.3	108.1	111.8	107.1	99.2	109.6	115.0	100.0	99.6	90.9	110.1	81.3	69.8
Aug	100.1	105.6	103.7	83.5	102.6	114.5	117.1	103.2	99.3	81.5	86.7	106.2	112.6	106.9	99.2	111.0	115.5	100.1	99.8	89.8	104.6	78.1	67.4
Percentage change, latest year on previous year	GDPQ	L3BB	L3BG	L3BH	L3BN	L3DM	L3DQ	L3DW	L3E2	L3E4	L3E8	L3EG	L3EJ	L3EU	L3F2	L3F8	L3FN	L3FW	L3FY	L3G2	L3G9	L3GF	L3GJ
2017	2.5	4.6	-0.2	-7.8	1.2	-7.1	0.6	4.3	2.8	2.6	1.3	4.7	3.7	6.6	0.1	2.0	4.6	2.3	0.6	3.0	9.3	5.8	-1.4
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</					

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 ^a	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
2020 Aug	-12.7	-5.5	2.2	3.9	0.3	10.5	5.2	-16.4	-14.9	-16.1	-34.4	-40.5	-2.5	-0.6	-0.3	-11.4	-14.4	-5.5	-23.3	-42.6	-37.0	-13.2	-29.0
Sep	-9.9	-5.8	4.7	-2.0	4.2	12.1	5.8	-10.4	-10.4	-15.1	-29.0	-21.0	-2.2	-1.4	-0.3	-10.5	-13.9	-6.5	-10.9	-40.0	-32.2	-8.5	-14.4
Oct	-8.8	-6.8	5.7	-3.1	6.1	8.8	6.0	-7.6	-11.4	-15.1	-26.6	-16.7	-1.6	-1.9	-0.3	-9.6	-13.7	-7.4	-4.5	-38.2	-30.3	-13.2	-8.5
Nov	-8.9	-7.3	6.4	-3.7	7.9	3.3	6.8	-5.6	-11.8	-16.3	-24.8	-33.6	-1.1	-1.3	0.0	-8.2	-13.9	-7.3	-3.1	-37.6	-30.0	-17.6	-12.0
Dec	-8.6	-6.8	7.3	0.4	9.0	1.0	8.3	-5.2	-11.7	-15.9	-22.9	-44.4	-0.9	0.2	0.4	-6.4	-12.9	-6.5	-5.0	-37.6	-28.1	-16.1	-18.7
2021 Jan	-9.6	-6.5	6.9	-1.1	8.1	3.0	8.6	-6.3	-12.8	-17.7	-22.2	-56.1	-0.7	2.4	0.7	-5.9	-14.4	-5.2	-12.9	-38.1	-29.0	-19.8	-25.1
Feb	-9.8	-5.7	5.6	-3.7	6.1	6.6	8.1	-6.0	-12.8	-16.6	-21.0	-56.6	-1.4	3.9	0.5	-4.1	-15.2	-4.0	-19.2	-37.7	-27.4	-19.8	-28.2
Mar	-7.5	-4.1	6.2	-6.0	7.1	8.1	7.1	-2.6	-10.4	-12.6	-15.9	-55.3	-1.2	4.4	0.0	-2.4	-12.2	-3.2	-13.5	-33.4	-23.9	-23.5	-27.1
Apr	4.0	1.8	14.9	-12.3	19.3	12.0	9.2	18.0	1.0	6.1	6.6	-21.9	2.2	5.8	-0.4	5.2	1.5	-2.3	14.7	-14.2	-6.2	-7.9	-9.6
May	17.0	7.2	23.1	-15.4	30.7	18.2	11.1	41.2	14.3	23.9	35.0	100.0	6.9	6.6	-0.2	12.3	20.0	-1.1	56.2	18.7	27.9	5.8	27.2
Jun	24.5	10.7	23.6	-24.5	32.5	19.5	11.7	56.4	22.8	27.5	52.8	404.1	10.5	6.9	0.3	17.7	28.9	0.4	75.2	60.1	57.2	17.2	68.0
Jul	17.7	10.0	14.3	-23.1	19.5	13.6	10.0	33.0	17.4	12.4	32.6	167.7	8.5	5.4	0.2	15.9	21.9	2.1	52.8	56.4	48.4	-6.0	50.6
Aug	11.7	9.5	7.2	-16.2	10.3	4.2	7.3	17.1	12.2	3.3	19.0	61.9	7.2	5.0	0.2	14.0	16.4	3.5	28.0	51.2	35.8	-12.7	11.8
Sep	8.4	9.1	3.9	-6.6	5.5	-0.6	6.4	9.0	9.3	1.2	13.1	27.9	6.4	5.1	0.0	13.0	16.3	4.7	9.3	47.8	32.4	-15.9	-15.6
Oct	7.7	9.1	1.9	-2.0	2.7	-3.4	6.0	5.8	9.0	1.6	12.2	25.4	5.9	5.7	-0.1	11.9	18.0	5.1	0.8	50.0	35.4	-10.5	-24.0
Nov	8.4	9.0	0.0	-3.7	0.1	-3.6	6.5	4.4	10.5	3.7	13.3	54.2	5.5	6.0	-0.2	11.6	19.9	5.6	-0.4	52.4	41.8	-5.5	-20.1
Dec	8.7	8.8	-1.3	-7.0	-1.2	-3.8	6.1	4.7	11.1	4.1	13.5	77.4	6.7	5.1	-0.4	9.7	19.0	6.0	1.8	56.4	41.1	-7.0	-12.0
2022 Jan	10.3	8.3	-1.6	-7.0	-1.6	-3.5	5.6	7.0	13.1	7.1	16.0	120.9	8.1	3.3	-0.9	10.7	19.8	6.4	11.7	55.4	44.7	0.3	-4.9
Feb	10.6	7.6	-1.6	-5.1	-1.6	-4.5	4.7	7.6	13.5	6.9	17.5	125.2	10.0	1.3	-1.2	10.8	21.0	6.2	21.6	50.1	43.4	2.1	-1.5
Mar	10.8	7.1	-1.7	-0.5	-2.1	-4.9	4.6	6.7	13.8	6.8	18.8	153.0	10.2	0.2	-1.4	11.5	21.7	6.0	26.3	40.3	49.7	12.5	0.9
Apr	8.6	6.7	-2.1	6.9	-3.3	-6.0	5.6	4.3	11.2	1.1	16.7	123.2	9.2	-0.2	-1.1	10.7	21.5	5.3	16.6	30.6	50.0	4.9	-1.7
May	6.3	6.1	-2.7	11.3	-4.1	-8.5	6.7	3.7	8.3	-3.1	16.1	75.3	7.8	-0.1	-0.9	10.6	19.9	4.3	7.1	21.2	44.0	4.8	-7.0
Jun	4.3	5.2	-2.5	19.4	-4.6	-7.3	7.2	3.9	5.7	-6.1	13.9	38.2	6.9	0.5	-0.8	9.4	18.7	3.1	1.5	12.2	37.1	4.6	-14.3
Jul	3.5	3.6	-2.8	15.9	-4.9	-5.4	5.2	4.6	4.7	-6.4	12.3	21.8	7.1	1.3	-0.7	8.9	17.1	2.4	0.4	7.8	31.3	10.8	-14.8
Aug	2.7	2.0	-3.4	5.2	-5.5	-0.5	4.0	5.2	3.7	-6.3	9.4	12.1	6.7	1.9	-0.7	8.1	15.5	2.1	0.5	3.9	25.3	7.9	-10.2

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
2020 Aug	2.0	1.2	1.9	-7.2	3.1	1.4	1.9	3.1	2.0	-0.5	5.6	44.0	-1.2	-1.0	0.0	0.0	-1.4	-0.8	16.2	2.1	0.4	-12.5	25.2
Sep	1.1	0.9	1.6	-2.1	2.6	0.4	-2.1	3.5	0.8	-1.4	2.2	-8.4	-0.3	1.1	0.1	3.0	0.1	-0.5	6.1	4.4	2.4	1.5	6.6
Oct	0.6	-0.8	1.0	2.7	1.4	-3.2	1.8	1.9	0.5	0.4	-0.5	-11.9	3.9	-0.5	0.2	1.1	2.7	-0.1	1.1	1.4	6.4	1.3	-4.2
Nov	-1.8	-0.2	1.6	-3.3	2.5	-0.4	0.6	0.6	-2.8	-5.4	2.1	-43.3	-2.2	0.8	-0.2	-0.1	0.1	-0.1	-2.9	-0.5	-8.4	-12.4	-7.1
Dec	1.8	1.4	0.7	5.3	-0.3	2.8	2.8	-1.6	2.3	2.3	1.2	21.3	-1.2	3.7	0.4	4.8	5.5	0.5	-2.9	0.0	13.3	19.9	-5.1
2021 Jan	-3.0	0.2	-1.6	-2.1	-2.3	1.7	-0.2	-1.7	-3.4	-7.2	-6.1	-20.8	3.3	0.7	1.0	-3.8	-3.2	0.4	-19.4	3.2	-4.3	-20.8	-4.2
Feb	0.7	1.1	0.4	-6.7	0.9	1.0	1.3	3.8	0.5	3.0	1.4	4.3	-1.8	0.1	-0.8	2.5	0.0	0.4	-1.6	1.8	0.1	0.0	-6.9
Mar	2.4	1.3	0.9	1.5	1.2	-0.7	0.4	3.0	2.7	3.6	3.0	-1.3	0.9	0.9	-0.1	4.5	4.9	0.2	12.8	6.8	-1.9	-2.1	-14.7
Apr	3.2	-0.4	-0.6	-16.2	0.2	4.0	-1.4	1.4	4.2	8.6	1.6	46.2	4.5	0.0	-0.2	-1.6	-0.2	1.6	13.5	6.6	6.9	22.6	20.3
May	1.4	1.4	1.7	4.5	0.6	8.1	0.2	-0.7	1.6	-0.4	-1.4	35.3	-0.7	-0.4	0.0	0.2	1.7	1.3	2.6	8.6	6.9	-15.1	13.1
Jun	1.0	1.7	-1.9	-9.2	-0.9	-7.8	2.3	-1.0	1.8	0.5	4.0	13.0	-0.2	-0.2	0.2	3.8	2.3	0.4	2.7	5.4	0.1	-4.2	9.3
Jul	-0.2	1.4	0.2	17.4	-0.5	-3.0	0.6	-0.1	-0.3	-1.5	2.1	1.7	0.9	-0.6	-0.6	-1.8	1.0	0.6	-0.3	-1.4	3.8	2.3	-14.0
Aug	0.8	1.2	0.3	14.1	0.0	-3.6	-1.2	-0.7	1.0	-0.5	1.7	12.0	0.6	0.0	0.1	0.1	0.4	0.1	-1.3	4.5	6.4	2.9	-12.7
Sep	0.6	-0.2	-1.0	-4.8	-0.5	-2.0	-1.3	1.1	0.9	-1.0	2.8	1.0	-2.4	0.8	0.0	3.1	2.4	0.1	-1.3	4.7	4.2	5.3	1.8
Oct	0.3	0.1	-0.7	-0.7	-0.5	-4.5	2.9	-0.8	0.5	1.2	0.2	-5.1	2.8	0.6	-0.2	-2.2	3.0	-0.5	-0.7	3.5	5.7	-0.4	3.6
Nov	1.0	-0.3	0.1	-2.1	-0.1	3.0	0.3	1.5	1.1	-0.4	3.5	-0.4	0.0	0.7	-0.1	2.3	2.4	1.2	2.5	2.1	4.3	2.0	4.3
Dec	0.0	0.1	0.1	-3.2	0.2	0.1	0.7	0.9	0.0	-2.5	-0.1	-6.4	0.9	-0.1	0.0	0.4	0.7	0.5	0.0	3.3	-1.0	0.1	4.5
2022 Jan	0.2	0.2	-0.4	5.2	-1.4	1.9	0.6	1.3	0.3	0.8	0.3	5.3	2.8	-0.7	-0.1	0.8	1.0	0.2	-0.3	-4.3	3.7	2.7	-2.4
Feb	0.1	0.5	-0.3	0.5	-0.5	0.3	-0.1	0.0	0.2	-1.2	-0.2	7.4	1.5	-0.6	-0.5	2.3	3.5	0.2	-0.4	-4.4	2.3	-2.2	-8.1
Mar	0.1	0.3	0.0	1.0	0.0	-1.4	0.9	1.4	0.0	-1.0	1.3	0.8	-1.4	-0.2	0.1	2.2	-1.1	0.0	-0.2	0.4	0.8	1.2	-8.4
Apr	0.0	0.1	-0.2	-2.3	-0.7	2.1	2.3	-0.2	0.1	0.6	-0.6	0.3	0.8	0.5	0.2	-1.4	1.8	-0.1	0.8	-2.4	2.5	-0.3	5.3
May	0.4	0.2	0.4	1.4	0.1	2.5	-0.8	0.9	0.4	-1.2	0.7	-0.1	1.2	0.5	0.2	1.9	1.5	0.0	0.2	1.0	-3.9	0.4	3.2
Jun	-0.5	0.0	-0.3	-1.4	-0.8	2.8	0.9	-0.7	-0.6	-0.8	-1.5	2.2	-1.0	0.3	-0.2	-1.1	-2.5	0.0	0.2	-1.7	0.0	-0.8	5.8
Jul	0.1	-0.3	-1.1	2.0	-1.1	-2.1	-2.6	0.1	0.3	-0.3	1.0	-0.2	0.4	0.5	0.0	-0.2	1.6	0.1	1.0	0.3	1.3	-2.2	-4.6
Aug	-0.3	-0.3	-1.8	-8.2	-1.6	-0.6	0.0	0.4	-0.1	-0.1	0.4	-1.8	0.7	-0.1	0.0	1.2	0.4	0.1	0.2	-1.3	-5.0	-3.9	-3.5

1 The GVA output is designated as a National Statistic.

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

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

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

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

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

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: 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
2020 Aug	-9.5	-6.2	5.6	-2.3	5.0	14.8	6.5	-10.7	-12.0	-14.4	-28.1	-7.5	-1.6	-2.5	-0.7	-11.9	-14.2	-7.2	-9.1	-39.8	-34.0	-12.3	-10.0
Sep	-8.9	-6.3	5.7	-8.3	6.6	10.4	5.5	-7.5	-11.5	-15.9	-25.8	-17.0	-3.5	-1.4	-0.2	-8.9	-14.3	-7.1	-2.6	-38.3	-30.9	-14.3	-4.4
Oct	-8.2	-7.9	5.8	1.6	6.8	1.8	6.2	-4.6	-10.8	-14.8	-25.9	-25.6	0.4	-1.8	0.0	-8.1	-12.7	-7.9	-1.7	-36.7	-25.8	-12.9	-11.2
Nov	-9.7	-7.7	7.8	-4.0	10.5	-1.7	8.9	-4.7	-13.1	-18.1	-22.6	-58.2	0.0	-0.6	0.3	-7.7	-14.6	-6.8	-4.9	-37.8	-33.1	-25.3	-19.9
Dec	-8.1	-4.9	8.4	3.8	9.6	2.8	10.0	-6.3	-11.1	-14.9	-19.9	-49.2	-3.1	3.0	0.8	-3.5	-11.5	-4.9	-8.4	-38.5	-25.3	-9.9	-24.7
2021 Jan	-11.1	-7.0	4.4	-2.8	4.3	8.1	6.9	-7.9	-14.2	-20.2	-23.9	-60.8	1.1	4.8	1.2	-6.4	-17.0	-3.9	-25.6	-38.0	-28.7	-24.5	-30.3
Feb	-10.1	-5.0	4.0	-11.7	4.4	9.0	7.4	-3.8	-13.1	-14.8	-19.2	-59.6	-2.3	4.0	-0.4	-2.4	-17.1	-3.1	-23.9	-36.8	-28.3	-25.5	-29.6
Mar	-0.9	0.0	10.5	-3.2	13.0	7.1	6.9	4.2	-3.4	-1.3	-2.1	-41.2	-2.2	4.5	-0.9	1.8	-1.3	-2.6	18.0	-24.6	-12.4	-20.2	-18.9
Apr	29.3	11.7	34.3	-21.8	48.5	20.5	13.5	81.4	25.5	49.0	75.2	508.9	11.9	9.0	0.1	18.0	34.3	-1.2	82.6	54.4	46.2	36.3	43.6
May	27.1	10.8	27.0	-20.8	35.4	27.7	13.2	62.5	25.1	32.6	58.0	609.0	12.0	6.5	0.2	19.0	34.5	0.6	80.9	65.4	79.1	11.4	86.1
Jun	17.9	9.6	11.6	-30.5	17.3	10.7	8.7	32.7	18.2	7.9	32.0	268.4	7.9	5.1	0.5	16.2	19.4	1.8	63.9	60.3	49.3	4.8	76.5
Jul	9.5	9.5	6.0	-17.9	8.8	3.7	8.2	12.7	10.0	1.1	15.7	47.9	5.9	4.5	0.0	12.9	14.0	3.9	25.4	45.3	26.6	-25.3	9.6
Aug	8.2	9.5	4.3	1.0	5.5	-1.5	5.0	8.5	8.9	1.1	11.5	15.0	7.8	5.5	0.1	13.0	16.0	4.9	6.5	48.7	34.1	-12.2	-23.6
Sep	7.6	8.3	1.6	-1.8	2.3	-3.8	5.9	5.9	9.0	1.4	12.2	26.8	5.5	5.2	-0.1	13.2	18.8	5.5	-1.0	49.1	36.4	-8.9	-27.0
Oct	7.2	9.3	0.0	-5.2	0.4	-5.1	7.0	3.2	9.1	2.2	13.0	36.6	4.4	6.4	-0.4	9.5	19.2	5.0	-2.8	52.1	35.5	-10.5	-21.1
Nov	10.3	9.3	-1.5	-4.0	-2.3	-1.9	6.7	4.2	13.4	7.6	14.6	140.0	6.8	6.3	-0.3	12.2	21.8	6.4	2.6	56.0	54.3	4.2	-11.4
Dec	8.4	7.8	-2.2	-11.7	-1.7	-4.4	4.6	6.8	10.8	2.6	13.0	85.2	9.0	2.5	-0.7	7.5	16.3	6.4	5.7	61.1	34.9	-13.0	-2.3
2022 Jan	12.1	7.8	-1.0	-5.2	-0.9	-4.2	5.4	10.1	15.1	11.5	20.8	146.2	8.6	1.1	-1.7	12.6	21.3	6.2	30.7	49.3	46.2	12.9	-0.4
Feb	11.4	7.2	-1.6	2.2	-2.2	-4.9	4.0	6.0	14.7	7.0	18.9	153.6	12.3	0.4	-1.4	12.3	25.5	6.0	32.3	40.3	49.4	10.4	-1.7
Mar	8.9	6.2	-2.5	1.7	-3.3	-5.6	4.5	4.3	11.7	2.3	16.9	159.1	9.7	-0.7	-1.2	9.8	18.4	5.9	17.1	31.9	53.5	14.2	5.6
Apr	5.5	6.7	-2.2	18.6	-4.3	-7.3	8.4	2.7	7.3	-5.2	14.4	77.6	5.9	-0.2	-0.8	10.0	20.7	4.1	3.9	20.8	47.3	-7.2	-7.6
May	4.5	5.4	-3.5	15.2	-4.7	-12.2	7.3	4.3	6.1	-6.0	16.9	31.2	7.8	0.6	-0.6	11.9	20.6	2.8	1.5	12.3	32.4	9.8	-15.7
Jun	2.9	3.6	-1.8	25.0	-4.7	-2.1	5.8	4.7	3.7	-7.2	10.7	18.7	7.0	1.1	-1.0	6.6	15.0	2.4	-0.9	4.7	32.3	13.7	-18.4
Jul	3.1	2.0	-3.2	8.7	-5.2	-1.2	2.5	4.8	4.2	-6.1	9.5	16.6	6.4	2.3	-0.4	8.3	15.8	2.0	0.5	6.5	29.2	8.8	-9.5
Aug	2.0	0.5	-5.2	-12.6	-6.7	1.8	3.7	6.0	3.1	-5.7	8.1	2.3	6.5	2.2	-0.5	9.5	15.8	2.0	2.0	0.6	15.4	1.6	0.0

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

	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 3 months on previous 3 months ^{3,5}

2020 Jul	-1.6	3.3	4.0	2.3	4.6	3.0	1.0	0.2	-2.8	-4.8	-6.7	2.5	1.6	1.8	0.7	0.8	1.0	-1.9	-0.4	-27.6	-2.8	5.0	0.9
Aug	-1.7	2.4	2.8	-1.7	4.0	1.0	1.4	0.3	-2.8	-8.1	10.6	7.2	-0.3	-0.5	-0.3	-0.9	1.3	-2.8	-1.8	-20.3	-2.2	1.6	0.1
Sep	-1.1	1.2	1.0	0.7	1.8	-0.6	0.7	0.3	-1.7	-7.7	25.3	9.6	-1.5	-2.4	-0.9	-2.1	0.6	-3.3	-2.8	-1.5	-0.5	-1.9	0.9
Oct	-1.1	0.9	0.8	0.1	1.3	0.1	0.7	0.2	-1.6	-5.1	13.5	6.5	-1.2	-3.4	-0.8	-2.5	-2.3	-2.8	-1.7	-1.1	-0.9	1.8	4.0
Nov	-0.7	1.1	1.1	1.7	1.5	0.6	-0.3	0.2	-1.2	-2.7	4.1	4.1	-0.6	-2.6	-0.4	-2.1	-1.6	-1.8	-0.7	-0.6	-0.5	3.6	4.7
Dec	-0.1	1.7	1.5	0.8	1.8	0.5	1.2	0.0	-0.4	-1.5	-0.6	0.4	0.1	-0.3	0.0	-0.3	0.7	-0.8	-0.3	0.4	2.1	-0.5	0.4
2021 Jan	0.4	1.6	1.5	2.5	1.7	0.1	1.4	0.0	0.1	-0.4	-1.2	-1.9	0.0	2.4	0.2	1.2	3.0	-0.2	0.0	1.0	2.7	-8.4	-6.6
Feb	0.4	0.9	1.1	2.1	1.1	0.2	1.9	0.1	0.3	0.0	-1.3	-3.7	0.3	3.4	0.2	1.6	2.8	0.1	0.2	1.3	1.5	-12.8	-14.9
Mar	0.1	-0.6	0.2	-0.6	0.2	1.0	0.5	0.0	-0.1	1.0	-0.8	-2.9	0.0	2.3	0.1	0.6	0.5	0.0	0.5	0.0	-2.1	-8.0	-19.6
Apr	-0.2	-1.0	-0.4	-2.1	-0.4	1.6	-0.4	0.1	-0.1	0.7	0.0	-1.9	-0.1	1.0	0.0	0.3	-0.4	0.5	0.6	1.5	-2.9	-5.1	-18.1
May	0.2	-0.8	-0.4	-2.4	-0.6	3.0	-0.7	-0.3	0.4	0.4	0.9	-3.2	-0.2	1.5	0.1	0.6	-0.3	1.5	0.9	6.2	-1.8	-3.0	-6.1
Jun	1.0	-0.3	-0.1	0.3	-0.4	3.3	-0.3	-0.2	1.5	-0.7	1.5	-6.1	0.0	2.2	0.1	1.4	0.2	2.7	0.5	13.8	-0.1	-2.7	14.7
Jul	1.2	-0.4	0.0	0.4	-0.6	3.0	0.4	-0.4	1.7	-0.4	1.0	-6.0	-0.2	1.9	0.2	1.2	0.1	3.0	0.2	15.7	0.3	-0.5	26.3
Aug	1.1	-0.7	-0.6	-0.9	-0.9	0.9	0.6	0.0	1.7	0.4	0.9	-3.4	-0.1	0.3	0.0	0.8	0.2	2.4	0.3	14.7	0.1	0.4	17.4
Sep	0.8	-0.8	-1.0	-6.0	-1.1	0.0	0.1	0.4	1.2	0.7	0.7	-1.5	-0.2	-0.5	-0.1	-0.1	0.2	1.2	1.1	10.7	0.5	0.3	-3.2
Oct	0.6	-0.8	-1.0	-5.0	-0.7	-1.2	-0.4	0.3	1.0	0.5	-0.1	-0.7	0.0	-0.1	-0.1	-1.1	0.1	0.2	1.6	10.2	2.2	-0.2	-14.1
Nov	0.4	-0.5	-0.9	-1.6	-1.0	-1.1	-0.9	0.2	0.7	-0.3	-1.2	-0.1	-0.1	1.1	0.0	-2.2	0.1	0.1	1.9	7.4	4.8	-0.1	-14.9
Dec	0.3	-0.3	-0.9	3.0	-1.3	-1.2	-0.7	0.0	0.7	-0.4	-2.7	0.3	0.6	1.9	0.1	-2.8	0.4	0.5	1.4	6.6	6.4	0.0	-5.3
2022 Jan	0.2	0.0	-1.7	3.9	-2.6	0.1	-0.8	0.5	0.6	-0.5	-3.3	0.8	0.6	1.1	0.1	-1.0	1.0	1.5	0.8	3.0	9.5	-0.6	-0.3
Feb	0.2	0.1	-1.7	4.2	-2.8	0.6	0.4	0.8	0.4	-0.2	-3.7	1.1	0.9	-0.4	0.0	1.5	1.3	1.6	-0.5	1.0	8.7	-2.4	-1.8
Mar	-0.1	0.1	-1.9	3.3	-3.0	0.7	1.2	0.7	0.2	0.1	-3.3	0.8	-0.1	-1.9	-0.2	4.7	1.2	1.2	-1.3	-2.0	8.0	-4.3	-6.7
Apr	0.0	0.2	-1.0	1.9	-1.8	0.0	1.1	-0.1	0.2	0.3	-2.3	-0.1	0.0	-1.6	-0.2	4.9	1.2	0.5	-1.3	-1.1	2.0	-6.5	-6.8
May	0.1	0.2	-1.0	0.2	-1.6	0.6	0.4	-1.0	0.4	0.2	-1.4	-0.8	-0.1	0.0	-0.1	4.3	1.1	0.1	-0.1	-0.1	0.0	-7.3	-1.9
Jun	0.3	0.2	-0.7	-0.7	-1.1	1.2	-0.3	-1.2	0.6	-0.5	-1.0	-0.8	0.6	1.7	0.1	2.1	1.2	-0.1	1.3	1.9	-2.1	-7.7	7.5
Jul	0.1	0.0	-1.0	-0.7	-1.6	2.2	-0.4	-0.6	0.4	-0.7	-1.0	-0.7	0.3	2.1	0.2	1.5	0.7	-0.1	1.5	0.7	-2.3	-5.2	11.8

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

2020 Jul	-1.4	6.2	10.2	14.9	9.8	12.4	7.0	3.7	-3.9	-10.8	-17.9	1.6	5.4	5.5	1.8	-0.2	8.3	-6.8	-1.2	-31.3	-2.2	8.3	1.6
Aug	-2.0	8.5	10.6	13.4	10.4	11.6	7.5	3.0	-4.6	-13.4	-14.0	3.5	4.9	4.0	1.3	-0.8	8.2	-8.0	-2.0	-33.5	-2.4	7.9	2.0
Sep	-2.5	10.7	10.7	14.2	10.7	11.0	7.1	1.8	-5.3	-14.7	-11.2	5.3	4.2	2.5	1.0	-1.8	7.3	-8.8	-2.3	-35.6	-3.3	7.4	3.0
Oct	-2.8	12.0	10.7	13.1	11.0	10.0	6.6	1.1	-5.6	-14.9	-10.3	7.0	4.1	1.1	0.9	-2.3	5.7	-9.4	-2.4	-36.5	-4.2	8.6	4.3
Nov	-2.9	12.8	10.6	12.0	11.3	8.1	6.6	0.9	-5.7	-14.6	-9.7	6.1	3.7	0.4	1.2	-2.4	5.0	-9.0	-1.7	-37.6	-3.6	7.8	4.5
Dec	-2.6	12.5	10.7	12.1	11.8	6.8	7.3	0.8	-5.4	-13.9	-9.2	4.8	3.4	1.2	1.6	-1.8	5.4	-8.0	-1.4	-37.4	-1.8	4.6	2.2
2021 Jan	-2.5	10.8	10.1	10.3	11.0	6.2	7.5	0.8	-5.1	-12.2	-8.0	2.6	2.7	2.7	1.6	-1.2	4.3	-6.8	-1.1	-37.3	-1.3	0.6	-2.9
Feb	-2.5	8.4	9.0	8.3	10.0	6.0	5.9	0.8	-4.9	-10.5	-7.0	2.0	2.2	3.4	1.4	-0.1	2.8	-5.7	-1.0	-37.2	-2.3	-1.2	-8.8
Mar	-2.9	6.3	7.5	5.5	8.6	5.8	4.2	0.6	-5.2	-8.9	-5.6	1.5	1.1	2.8	0.8	-0.2	1.3	-5.1	-0.8	-39.5	-3.5	-1.9	-15.6
Apr	-2.6	5.0	6.5	2.1	8.1	5.2	2.9	0.6	-4.6	-10.0	2.5	1.7	0.5	2.0	0.1	0.1	1.6	-4.3	-1.0	-34.5	-4.5	-6.2	-23.2
May	-1.9	3.7	5.1	-0.2	6.8	5.4	2.4	0.3	-3.4	-11.3	15.9	-0.4	-0.9	1.8	-0.4	-0.7	2.5	-3.0	-1.6	-18.1	-3.8	-11.9	-26.0
Jun	-0.2	2.3	3.0	0.8	3.8	4.8	2.1	0.1	-0.7	-9.6	26.9	-23.5	-1.6	1.9	-0.6	-0.4	2.5	-1.3	-1.7	17.2	-0.9	-16.8	-12.6
Jul	0.4	1.3	2.0	0.6	2.0	5.3	2.3	-0.1	0.3	-5.2	13.8	-15.9	-1.5	2.1	-0.4	0.3	0.9	0.6	-0.5	22.4	-0.9	-12.7	0.2
Aug	1.2	0.5	1.3	0.4	1.1	4.7	1.5	0.1	1.4	-2.0	4.8	-10.1	-0.6	2.7	-0.1	1.1	1.2	2.1	0.8	27.3	-1.1	-10.8	-1.5
Sep	1.7	0.0	0.6	-4.2	0.5	4.4	1.4	0.3	2.2	-0.4	0.7	-10.1	-0.1	3.8	0.2	1.8	2.0	3.3	1.9	30.1	0.2	-10.5	-10.1
Oct	2.2	-0.5	0.1	-3.5	-0.1	3.3	1.2	0.1	2.9	0.5	-0.5	-11.7	-0.2	5.4	0.3	1.7	3.3	3.6	2.5	34.5	2.8	-14.0	-15.0
Nov	2.3	-1.2	-0.8	-2.9	-1.3	2.7	0.8	0.0	3.3	0.5	-0.8	-16.1	-0.1	6.5	0.4	0.9	3.2	4.1	3.1	36.5	5.4	-15.8	-17.7
Dec	2.2	-2.2	-1.8	-1.9	-2.5	2.8	-0.5	0.2	3.4	0.8	-1.6	-14.4	0.3	6.0	0.4	-0.8	1.6	4.7	3.5	38.9	5.5	-11.1	-16.0
2022 Jan	2.0	-2.3	-3.1	-1.6	-4.3	3.2	-1.1	0.6	3.5	0.4	-2.7	-10.5	0.3	4.2	0.2	-0.7	1.2	5.4	3.6	37.9	11.7	-6.7	-11.2
Feb	1.9	-2.1	-3.7	-0.7	-5.3	3.1	-0.6	0.9	3.5	0.4	-3.6	-7.6	0.6	2.5	0.2	0.8	1.5	5.7	3.1	35.7	15.0	-5.3	-5.7
Mar	2.1	-1.3	-3.8	1.9	-5.8	2.5	0.2	1.0	3.7	-0.2	-4.5	-8.3	0.3	1.7	0.1	3.6	2.4	5.8	1.8	32.7	19.4	-7.2	-2.2
Apr	2.2	-1.0	-3.6	2.6	-5.6	1.7	0.5	0.5	3.7	0.0	-5.5	-6.8	0.4	1.4	0.0	4.3	2.9	5.3	1.6	29.4	18.4	-8.4	0.7
May	1.8	-1.0	-4.2	2.5	-6.2	0.8	0.4	0.0	3.3	0.2	-6.1	-3.2	0.6	1.1	-0.1	4.6	3.1	4.3	1.8	23.6	17.4	-9.8	-1.3
Jun	1.4	-0.8	-4.4	1.1	-6.4	0.6	0.2	-0.1	2.7	0.0	-7.1	-1.2	0.9	1.2	0.0	4.3	3.3	3.0	2.3	16.8	15.4	-12.4	-6.9
Jul	1.0	-0.8	-4.6	1.5	-6.6	0.9	-0.3	0.2	2.3	-0.4	-7.5	-0.6	0.8	1.5	0.0	4.7	3.5	2.1	2.7	12.4	13.2	-14.3	-10.5

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

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 ^{3,5}

2020 Jul	-0.5	0.2	-0.1	7.2	-0.6	-1.8	-0.2	0.0	-0.5	-2.8	10.5	-0.3	-1.5	-1.3	-0.6	-1.2	2.6	-1.5	-1.1	-0.4	4.3	-3.2	-0.1
Aug	-0.5	-0.1	0.1	-2.4	0.0	1.4	2.2	0.1	-0.5	-1.0	3.5	-0.7	-0.1	-1.7	-0.2	-0.2	-2.3	-1.0	-0.4	-0.3	-1.9	-1.5	0.9
Sep	-0.3	0.3	0.8	1.2	1.3	0.0	-2.7	0.1	-0.5	-0.9	-0.7	4.1	-0.1	-0.5	-0.2	-1.5	-1.7	-0.5	-0.1	-0.4	-2.8	3.4	2.3
Oct	-0.2	0.8	0.1	-0.8	0.0	0.0	1.3	0.0	-0.2	-0.8	-1.5	0.4	0.5	-1.3	0.1	-0.5	0.0	-0.1	0.0	0.0	3.2	6.4	2.3
Nov	0.3	0.6	0.6	0.9	0.6	0.4	0.8	0.0	0.1	0.5	1.1	-2.2	-0.6	1.2	0.0	1.4	2.4	0.0	0.0	0.3	0.8	-6.5	-1.3
Dec	0.5	1.3	1.1	3.2	1.1	-0.8	1.4	-0.1	0.5	-0.6	-1.3	-2.7	0.4	3.4	0.1	1.1	2.5	0.1	-0.2	1.2	2.2	-13.1	-8.2
2021 Jan	-0.1	-1.4	-0.3	-1.3	-0.4	0.7	-0.4	0.2	-0.1	0.6	-0.5	-0.4	0.3	0.0	0.1	-0.4	-2.1	0.0	0.4	-0.2	-2.2	0.6	-8.0
Feb	-0.3	-0.4	-0.4	-1.2	-0.4	0.8	-0.3	0.2	-0.3	0.3	0.5	-0.2	-0.3	-1.1	-0.1	-0.1	0.0	0.1	0.1	-0.3	-2.0	-0.3	-7.3
Mar	-0.3	0.0	-0.3	-2.4	-0.2	0.4	-0.3	-0.9	-0.2	1.2	0.0	0.3	-0.5	1.1	0.0	-0.2	0.4	-0.2	0.4	-1.4	0.0	-2.4	-7.1
Apr	0.6	-0.2	0.0	1.2	-0.1	0.9	-0.2	1.0	0.9	-1.7	1.5	-2.6	0.9	1.2	0.1	1.5	-0.2	1.6	0.1	7.1	0.6	-1.6	5.5
May	0.7	0.2	0.6	0.4	0.2	3.6	0.2	-0.7	0.9	-0.3	-0.6	-2.6	-0.5	1.3	0.3	0.2	0.2	1.5	0.1	7.4	0.1	0.6	18.2
Jun	0.2	-0.4	-0.5	2.0	-0.6	-1.7	0.5	-0.4	0.5	1.0	0.7	-0.3	-0.3	-0.3	-0.2	-0.2	0.0	0.5	-0.2	4.7	-0.2	0.5	15.0
Jul	0.0	-0.4	-0.7	-4.9	-0.8	0.3	0.3	0.9	0.0	-0.1	0.3	-0.2	0.2	-0.8	0.0	0.5	0.0	0.5	0.0	-0.3	-0.2	0.0	-9.8
Aug	0.7	-0.3	-0.1	-2.4	0.1	0.2	-0.6	0.1	0.9	0.5	-0.2	-0.7	0.0	-0.1	-0.2	-0.1	0.5	-0.1	1.0	7.9	0.7	-0.4	-9.5
Sep	-0.2	-0.1	-0.4	-2.5	-0.2	-1.0	-0.7	-0.4	0.0	0.0	0.5	0.7	-0.5	0.6	0.0	-1.4	-0.3	-0.1	1.3	-0.1	0.9	0.0	-4.8
Oct	0.0	-0.1	0.0	4.9	-0.3	-1.6	1.3	0.1	0.0	-0.5	-2.1	-0.2	0.4	1.0	0.2	-1.1	-0.7	-0.5	-0.6	2.1	2.9	0.2	0.5
Nov	0.2	-0.1	-0.9	0.8	-1.2	1.5	-2.0	0.1	0.4	-0.5	-0.6	-0.3	0.2	0.8	0.0	-0.5	1.5	1.3	1.1	1.8	3.2	0.3	0.9
Dec	0.2	0.3	-0.3	-0.2	-0.4	-0.1	0.2	0.2	0.4	1.0	-1.0	1.3	1.0	0.0	-0.1	-1.0	0.2	0.8	0.1	1.5	0.4	-0.6	1.6
2022 Jan	-0.4	-0.2	-1.3	3.0	-2.4	0.4	1.6	0.8	-0.3	-1.2	-1.9	0.4	-1.2	-1.5	0.1	3.8	-0.1	0.1	-1.2	-3.6	10.3	-1.8	-3.5
Feb	0.1	0.1	0.2	0.9	0.2	0.0	-0.1	-0.1	0.2	0.2	-0.9	-0.6	0.9	-1.0	-0.2	1.8	1.2	0.1	-0.8	0.4	-6.0	-2.5	-5.3
Mar	0.0	0.1	-0.3	-0.9	-0.3	-0.2	0.1	-0.7	0.1	1.4	0.4	-0.2	-1.0	0.1	-0.1	1.5	-0.4	0.0	-0.1	-0.6	-0.5	-1.4	-3.4
Apr	0.2	0.0	-0.1	-0.7	-0.1	0.1	-0.2	-0.4	0.4	-1.5	-0.4	-0.5	0.3	1.3	0.2	-0.1	1.0	-0.1	1.1	2.6	2.1	-4.7	7.2
May	0.0	0.1	-0.9	0.3	-1.6	1.9	-0.3	-0.9	0.2	-0.2	-1.0	0.1	1.3	1.1	0.1	1.1	0.2	-0.1	0.4	-0.7	-1.8	-0.8	5.5
Jun	0.1	-0.1	0.6	0.4	0.8	-0.3	0.4	0.7	-0.1	0.0	0.1	0.1	-0.8	0.2	0.1	-0.2	-0.4	-0.1	0.4	0.1	-2.7	-1.4	4.6
Jul	-0.1	-0.4	-0.8	-1.5	-1.2	1.3	-0.5	0.9	-0.1	-0.2	-0.2	-1.3	-1.1	0.1	-0.2	0.6	0.5	0.0	0.0	-0.5	0.1	0.3	-0.3

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

2020 Jul	-2.0	9.0	10.6	17.0	10.3	10.8	7.0	2.8	-4.7	-14.4	-13.0	2.9	4.7	4.1	1.6	-1.1	9.4	-7.7	-1.8	-34.7	-0.8	8.7	1.7
Aug	-2.5	10.3	10.8	13.4	10.6	12.2	8.4	1.5	-5.2	-14.5	-10.2	6.3	4.3	2.1	0.6	-1.6	7.2	-9.7	-3.2	-34.6	-3.1	6.8	2.7
Sep	-3.1	12.5	10.7	12.5	11.3	10.0	6.0	1.0	-5.9	-15.2	-10.2	7.3	3.7	1.2	0.9	-2.7	5.2	-9.1	-2.0	-37.6	-5.9	6.7	4.6
Oct	-3.0	13.0	10.5	13.3	11.1	8.1	5.6	0.7	-5.7	-14.9	-10.3	7.6	4.2	0.1	1.1	-2.7	4.6	-9.4	-1.8	-37.5	-3.5	12.4	5.3
Nov	-2.8	12.8	10.7	10.2	11.8	6.4	8.5	1.0	-5.6	-13.7	-8.6	3.1	3.5	0.1	1.5	-2.0	5.2	-8.2	-1.2	-37.6	-1.5	4.6	3.8
Dec	-2.3	11.5	11.2	13.0	12.3	5.7	8.0	0.7	-5.0	-13.3	-8.4	3.5	2.5	3.4	1.9	-1.0	6.3	-6.4	-1.4	-37.3	-0.4	-3.1	-2.3
2021 Jan	-2.5	7.8	8.3	7.9	9.1	6.3	5.9	0.8	-4.8	-9.9	-6.8	1.5	2.1	4.5	1.5	-0.7	1.6	-5.8	-1.0	-36.9	-2.2	0.2	-9.8
Feb	-2.7	6.0	7.5	4.4	8.5	5.8	3.6	0.9	-4.9	-8.3	-5.7	1.3	1.8	2.3	0.8	1.2	0.4	-4.9	-0.7	-37.5	-4.3	-0.8	-14.6
Mar	-3.6	4.9	6.8	4.3	8.0	5.3	3.0	-0.1	-5.9	-8.1	-3.3	1.6	-0.3	1.7	0.2	-1.1	2.0	-4.7	-0.8	-44.5	-4.2	-5.6	-25.1
Apr	-0.7	3.5	4.2	-1.9	6.6	4.3	2.0	1.4	-1.8	-15.1	40.9	-11.6	-0.1	1.7	-0.6	-0.3	3.9	-3.2	-2.5	6.9	-4.8	-19.3	-39.0
May	-0.4	2.4	3.3	-2.2	4.6	6.0	2.1	0.0	-1.0	-12.1	30.6	-30.2	-2.4	2.1	-0.7	-0.5	1.7	-1.1	-2.1	18.6	0.6	-15.7	-14.6
Jun	0.5	1.0	1.8	5.5	1.2	4.0	2.1	-0.8	0.5	-4.6	14.5	-22.8	-2.0	1.9	-0.6	-0.2	2.1	0.3	-0.8	25.2	1.5	-15.3	15.2
Jul	0.9	0.4	1.2	-2.8	1.0	5.8	2.6	0.4	1.0	-1.7	2.9	-9.3	-0.1	2.3	0.1	1.7	-0.8	2.5	0.5	23.0	-3.6	-9.1	-1.9
Aug	2.1	0.1	1.0	-2.9	1.0	4.3	-0.2	0.4	2.5	-0.2	-1.1	-7.5	0.0	3.9	0.2	1.8	2.4	3.5	1.9	33.3	-0.4	-9.4	-10.4
Sep	2.1	-0.4	-0.3	-6.8	-0.5	3.4	1.8	-0.1	3.0	0.6	0.2	-13.7	-0.3	5.0	0.3	2.0	4.2	4.0	3.1	33.6	4.4	-13.2	-15.7
Oct	2.3	-1.3	-0.3	-0.9	-0.8	1.8	1.8	0.1	3.3	0.9	-0.4	-15.7	-0.4	7.4	0.4	1.3	3.4	3.5	2.5	36.6	4.0	-19.7	-18.9
Nov	2.3	-2.0	-1.7	-0.9	-2.6	2.9	-1.1	0.2	3.7	-0.1	-2.3	-18.4	0.4	7.0	0.4	-0.6	2.1	4.8	3.7	39.2	7.9	-13.9	-18.8
Dec	1.9	-3.2	-3.2	-3.8	-4.1	3.5	-2.2	0.5	3.4	1.6	-2.0	-7.2	1.0	3.5	0.2	-2.9	-0.5	5.6	4.1	40.8	5.0	-2.4	-9.4
2022 Jan	1.8	-1.8	-4.3	0.0	-6.3	3.2	-0.1	1.2	3.4	-0.2	-3.6	-7.0	-0.4	2.0	0.2	1.8	1.8	5.7	2.8	33.8	22.3	-5.9	-4.7
Feb	2.2	-1.2	-3.6	2.2	-5.6	2.4	0.2	0.9	3.8	-0.2	-5.2	-8.2	1.0	2.1	0.1	3.7	3.2	5.7	1.8	32.6	18.0	-8.4	-2.8
Mar	2.4	-1.1	-3.6	3.6	-5.6	1.8	0.7	1.0	4.0	0.1	-4.6	-9.7	0.4	1.1	-0.1	5.4	2.1	6.0	1.1	31.4	17.9	-7.3	1.7
Apr	1.9	-0.9	-3.8	1.8	-5.7	1.1	0.6	-0.3	3.3	0.2	-6.6	-4.6	-0.2	1.2	0.1	3.6	3.5	4.2	1.9	24.9	19.2	-9.4	3.6
May	1.2	-0.9	-5.3	1.7	-7.3	-0.3	0.0	-0.6	2.7	0.2	-7.1	-0.6	1.6	0.9	-0.1	4.8	3.6	2.6	2.2	15.9	15.0	-12.9	-7.1
Jun	1.0	-0.7	-4.2	-0.4	-6.0	1.2	-0.1	0.6	2.1	-0.7	-7.4	-0.2	1.1	1.4	0.1	4.5	3.1	2.1	2.8	10.7	12.2	-15.8	-16.5
Jul	0.8	-0.6	-4.3	2.6	-6.3	2.2	-0.8	0.5	1.9	-0.7	-8.0	-1.2	-0.3	2.4	-0.1	4.7	3.8	1.6	2.9	10.7	12.4	-14.6	-7.5

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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.

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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
2020	Aug	8.11	0.01	2.08	0.05	1.80	0.15	0.08	1.03	4.99	1.96	0.55	1.09	0.10	0.06	-0.11	0.05	0.36	-0.13	1.38	-0.63	0.06	0.22	0.03
	Sep	16.80	0.04	2.81	-0.04	2.56	0.19	0.10	2.14	11.81	2.18	1.13	2.47	0.31	0.11	-0.02	0.49	0.76	-0.17	2.64	0.95	0.33	0.54	0.09
	Oct	10.97	0.03	1.71	-0.09	1.65	0.10	0.06	1.39	7.84	0.87	0.73	1.80	0.22	-0.01	0.01	0.40	0.39	-0.13	2.29	0.74	0.26	0.20	0.08
	Nov	4.68	0.01	0.94	-0.08	1.01	0.00	0.01	0.76	2.97	-0.16	0.35	0.22	0.12	0.03	0.03	0.30	0.14	-0.09	1.37	0.49	0.12	0.00	0.04
	Dec	1.41	0.00	0.64	-0.02	0.66	-0.03	0.03	0.32	0.45	-0.34	0.15	-0.80	0.10	0.15	0.04	0.34	0.21	-0.03	0.41	0.24	0.07	-0.08	0.00
2021	Jan	-0.89	0.00	0.37	0.00	0.34	0.00	0.04	0.08	-1.45	-0.68	0.04	-1.21	0.03	0.30	0.08	0.26	0.21	0.00	-0.61	0.23	0.04	-0.11	-0.02
	Feb	-1.05	0.01	0.16	0.00	0.06	0.04	0.05	-0.03	-1.26	-0.53	-0.04	-0.69	0.01	0.39	0.10	0.25	0.20	0.04	-1.26	0.23	0.07	-0.08	-0.03
	Mar	-1.24	0.02	-0.01	-0.03	-0.07	0.06	0.04	0.06	-1.34	-0.47	-0.10	-0.45	0.05	0.33	0.09	0.18	0.10	0.05	-1.38	0.51	0.00	-0.25	-0.03
	Apr	1.91	0.02	-0.01	-0.08	0.01	0.06	0.02	0.28	1.65	0.39	0.00	0.12	0.14	0.21	-0.02	0.30	0.14	0.08	-0.31	0.86	0.03	-0.06	-0.02
	May	4.51	0.02	0.11	-0.10	0.14	0.10	0.00	0.34	4.12	0.86	0.08	0.54	0.24	0.09	-0.06	0.30	0.21	0.11	0.83	1.37	0.04	-0.03	-0.01
2022	Jun	6.46	0.02	0.09	-0.13	0.15	0.10	0.00	0.23	6.29	1.19	0.15	1.17	0.27	0.02	-0.07	0.28	0.25	0.15	1.49	1.69	0.13	0.10	0.03
	Jul	5.04	0.02	0.05	-0.05	0.04	0.06	0.01	0.03	5.09	0.63	0.13	1.28	0.18	-0.04	-0.03	0.20	0.25	0.15	1.09	1.63	0.15	-0.09	0.03
	Aug	3.20	0.03	-0.10	0.02	-0.08	-0.08	0.02	-0.08	3.49	0.18	0.19	1.09	0.11	-0.08	-0.03	0.17	0.20	0.12	0.53	1.26	0.14	-0.09	0.01
	Sep	1.71	0.03	-0.09	0.11	-0.11	-0.14	0.01	-0.07	1.92	-0.20	0.21	0.70	0.01	-0.05	-0.05	0.14	0.20	0.07	0.07	0.90	0.15	-0.04	-0.02
	Oct	1.50	0.02	-0.14	0.10	-0.11	-0.17	0.00	-0.04	1.74	-0.17	0.21	0.43	0.03	0.02	-0.04	0.11	0.22	0.03	-0.12	0.95	0.18	0.08	-0.03
	Nov	1.58	0.01	-0.15	0.05	-0.10	-0.11	0.00	0.03	1.76	-0.12	0.20	0.16	0.01	0.10	-0.04	0.14	0.30	0.02	-0.13	1.03	0.21	0.11	-0.01
	Dec	1.61	0.00	-0.15	-0.01	-0.08	-0.07	0.03	0.06	1.78	-0.08	0.17	-0.10	0.11	0.14	-0.02	0.12	0.34	0.03	-0.03	1.10	0.19	0.07	0.01
	Jan	1.49	0.00	-0.10	-0.04	-0.09	0.00	0.03	0.14	1.50	-0.14	0.15	-0.18	0.17	0.10	-0.03	0.18	0.32	0.06	0.09	0.61	0.15	0.06	0.01
	Feb	0.98	0.00	-0.06	-0.01	-0.11	0.03	0.03	0.15	0.92	-0.23	0.08	-0.08	0.28	0.00	-0.03	0.19	0.28	0.07	0.07	0.13	0.11	0.03	0.01
	Mar	0.69	0.00	-0.07	0.02	-0.15	0.04	0.02	0.17	0.60	-0.21	0.05	0.17	0.26	-0.09	-0.04	0.32	0.23	0.06	0.01	-0.41	0.10	0.03	-0.01
	Apr	0.34	0.01	-0.08	0.02	-0.15	0.02	0.02	0.12	0.31	-0.19	0.02	0.26	0.20	-0.09	-0.05	0.30	0.23	0.03	-0.03	-0.63	0.09	0.00	-0.02
	May	0.41	0.01	-0.05	0.02	-0.12	0.02	0.03	0.12	0.34	-0.15	0.04	0.22	0.10	-0.03	-0.01	0.28	0.18	0.01	0.00	-0.49	0.06	0.01	-0.01
	Jun	0.23	0.00	-0.02	-0.01	-0.10	0.06	0.03	0.06	0.19	-0.15	0.01	0.12	0.06	0.04	0.02	0.13	0.13	0.00	0.05	-0.32	0.02	0.00	0.00
	Jul	0.15	0.00	-0.04	0.00	-0.12	0.07	0.01	0.05	0.15	-0.17	0.00	0.05	0.05	0.09	0.02	0.07	0.07	0.00	0.07	-0.14	-0.03	-0.01	0.01
	Aug	-0.32	0.00	-0.19	-0.02	-0.20	0.05	-0.01	0.00	-0.11	-0.16	-0.01	0.05	0.04	0.09	0.00	-0.01	0.02	0.01	0.09	-0.18	-0.04	-0.05	0.01

Contribution to growth, latest 3 months on same 3 months a year ago

		EDMY	EDMZ	EDNA	EDNB	EDNC	EDND	EDNE	EDNF	EDNG	EDNH	EDNI	EDNJ	EDNK	EDNL	EDNM	EDNN	EDNO	EDNP	EDNQ	EDNR	EDNS	EDNT	EDNU
2020	Aug	-12.67	-0.04	0.29	0.04	0.03	0.16	0.06	-1.02	-11.90	-1.68	-1.40	-1.22	-0.16	-0.05	-0.04	-0.84	-0.72	-0.27	-1.40	-3.29	-0.55	-0.23	-0.06
	Sep	-9.90	-0.04	0.64	-0.02	0.41	0.18	0.07	-0.65	-9.84	-1.56	-1.17	-0.63	-0.14	-0.11	-0.03	-0.78	-0.71	-0.32	-0.65	-3.09	-0.48	-0.15	-0.03
	Oct	-8.84	-0.05	0.77	-0.03	0.60	0.13	0.07	-0.47	-9.08	-1.55	-1.06	-0.50	-0.10	-0.16	-0.04	-0.71	-0.70	-0.36	-0.27	-2.94	-0.45	-0.23	-0.02
	Nov	-8.89	-0.05	0.88	-0.04	0.78	0.05	0.08	-0.35	-9.36	-1.67	-0.98	-1.00	-0.07	-0.10	0.00	-0.61	-0.71	-0.35	-0.18	-2.91	-0.45	-0.32	-0.02
	Dec	-8.63	-0.05	1.00	0.00	0.88	0.02	0.10	-0.32	-9.26	-1.61	-0.89	-1.32	-0.06	0.02	0.05	-0.47	-0.68	-0.32	-0.30	-2.93	-0.42	-0.29	-0.04
2021	Jan	-9.62	-0.04	0.81	-0.01	0.71	0.04	0.09	-0.36	-10.46	-1.94	-0.86	-1.61	-0.04	0.19	0.09	-0.43	-0.75	-0.25	-0.89	-4.32	-0.44	-0.34	-0.05
	Feb	-9.76	-0.04	0.67	-0.03	0.54	0.09	0.09	-0.35	-10.46	-1.79	-0.80	-1.65	-0.09	0.31	0.07	-0.30	-0.80	-0.19	-1.31	-4.33	-0.42	-0.34	-0.06
	Mar	-7.54	-0.03	0.76	-0.04	0.64	0.11	0.08	-0.15	-8.50	-1.32	-0.58	-1.49	-0.07	0.36	-0.01	-0.18	-0.64	-0.16	-0.85	-3.82	-0.35	-0.39	-0.05
	Apr	3.98	0.01	1.86	-0.09	1.73	0.18	0.11	0.98	0.79	0.61	0.21	-0.43	0.15	0.51	-0.06	0.40	0.08	-0.13	0.83	-1.45	-0.08	-0.13	-0.01
	May	17.03	0.06	2.98	-0.13	2.78	0.29	0.15	2.08	11.66	2.33	0.99	1.08	0.50	0.64	-0.03	0.99	0.96	-0.07	2.79	1.64	0.31	0.09	0.04
	Jun	24.53	0.08	3.15	-0.22	3.03	0.32	0.16	2.67	18.50	2.80	1.39	2.32	0.78	0.69	0.04	1.43	1.37	0.02	3.69	4.36	0.56	0.25	0.08
	Jul	17.73	0.07	1.94	-0.20	1.89	0.22	0.13	1.72	14.01	1.33	0.95	1.94	0.61	0.51	0.04	1.23	1.05	0.12	2.83	4.09	0.49	-0.10	0.06
	Aug	11.71	0.07	0.98	-0.13	1.02	0.07	0.10	0.95	9.80	0.36	0.60	1.22	0.49	0.45	0.03	1.05	0.78	0.19	1.69	3.72	0.39	-0.21	0.02
	Sep	8.45	0.06	0.53	-0.05	0.54	-0.01	0.08	0.52	7.44	0.13	0.43	0.70	0.42	0.44	0.00	0.95	0.76	0.24	0.63	3.52	0.36	-0.27	-0.03
	Oct	7.69	0.06	0.26	-0.01	0.27	-0.05	0.08	0.34	7.18	0.17	0.40	0.66	0.39	0.49	-0.02	0.87	0.84	0.26	0.05	3.74	0.40	-0.17	-0.04
	Nov	8.40	0.06	0.00	-0.03	0.01	-0.05	0.08	0.26	8.31	0.38	0.44	1.13	0.37	0.52	-0.03	0.86	0.93	0.29	-0.03	3.99	0.48	-0.09	-0.04
	Dec	8.67	0.06	-0.18	-0.05	-0.13	-0.06	0.08	0.28	8.78	0.42	0.46	1.34	0.44	0.44	-0.06	0.73	0.92	0.30	0.13	4.30	0.48	-0.11	-0.02
2022	Jan	10.27	0.06	-0.23	-0.07	-0.17	-0.06	0.07	0.42	10.29	0.75	0.50	1.70	0.54	0.30	-0.12	0.82	0.99	0.34	0.74	3.73	0.54	0.00	-0.01
	Feb	10.63	0.06	-0.23	-0.05	-0.17	-0.08	0.06	0.46	10.63	0.72	0.54	1.77	0.66	0.12	-0.17	0.84	1.06	0.33	1.26	3.43	0.53	0.03	0.00
	Mar	10.79	0.05	-0.25	-0.01	-0.22	-0.09	0.06	0.41	10.86	0.71	0.58	2.01	0.68	0.02	-0.19	0.91	1.10	0.32	1.48	2.87	0.60	0.18	0.00
	Apr	8.57	0.05	-0.30	0.06	-0.33	-0.10	0.07	0.26	8.81	0.12	0.51	1.84	0.61	-0.02	-0.15	0.84	1.08	0.28	0.99	2.24	0.60	0.07	0.00
	May	6.29	0.05	-0.38	0.09	-0.41	-0.15	0.09	0.23	6.61	-0.34	0.49	1.41	0.51	-0.01	-0.11	0.82	1.00	0.22	0.45	1.63	0.54	0.07	-0.01
	Jun	4.31	0.04	-0.34	0.15	-0.45	-0.13	0.09	0.23	4.53	-0.67	0.42	0.90	0.45	0.05	-0.10	0.72	0.94	0.16	0.10	0.99	0.46	0.07	-0.02
	Jul	3.51	0.03	-0.38	0.12	-0.48	-0.09	0.07	0.27	3.72	-0.69	0.37	0.58	0.46	0.12	-0.08	0.68	0.86	0.12	0.02	0.65	0.40	0.14	-0.02
	Aug	2.67	0.02	-0.46	0.04	-0.54	-0.01	0.05	0.30	2.92	-0.68	0.29	0.35	0.43	0.16	-0.08	0.62	0.79	0.11	0.04	0.33	0.33	0.10	-0.02

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
2020	Aug	2.04	0.01	0.30	-0.09	0.34	0.03	0.03	0.19	1.54	-0.05	0.17	0.94	-0.08	-0.09	0.00	0.00	-0.07	-0.04	0.86	0.11	0.00	-0.25	0.04
	Sep	1.11	0.01	0.25	-0.02	0.30	0.01	-0.03	0.22	0.63	-0.13	0.07	-0.25	-0.02	0.10	0.02	0.22	0.00	-0.02	0.37	0.22	0.03	0.03	0.01
	Oct	0.64	-0.01	0.16	0.03	0.16	-0.06	0.02	0.12	0.37	0.04	-0.02	-0.32	0.26	-0.05	0.02	0.08	0.13	-0.01	0.07	0.08	0.07	0.02	-0.01
	Nov	-1.83	0.00	0.25	-0.04	0.29	-0.01	0.01	0.04	-2.12	-0.51	0.07	-1.04	-0.15	0.07	-0.02	-0.01	0.01	-0.01	-0.19	-0.02	-0.10	-0.21	-0.01
2021	Dec	1.79	0.01	0.11	0.06	-0.03	0.05	0.04	-0.10	1.77	0.21	0.04	0.29	-0.08	0.33	0.06	0.36	0.27	0.02	-0.19	0.00	0.15	0.30	-0.01
	Jan	-3.01	0.00	-0.23	-0.02	-0.23	0.03	0.00	-0.10	-2.73	-0.73	-0.21	-0.33	0.21	0.06	0.14	-0.29	-0.16	0.02	-1.34	0.24	-0.05	-0.36	-0.01
	Feb	0.66	0.01	0.05	-0.05	0.09	0.02	0.02	0.23	0.36	0.29	0.04	0.06	-0.13	0.01	-0.11	0.19	0.00	0.02	-0.09	0.14	0.00	0.00	-0.01
	Mar	2.44	0.01	0.13	0.01	0.12	-0.01	0.01	0.19	2.15	0.36	0.10	-0.02	0.06	0.08	-0.01	0.36	0.24	0.01	0.72	0.55	-0.02	-0.03	-0.02
	Apr	3.20	0.00	-0.08	-0.11	0.02	0.06	-0.02	0.08	3.31	0.86	0.05	0.59	0.30	0.00	-0.03	-0.13	-0.01	0.08	0.84	0.56	0.08	0.30	0.02
	May	1.42	0.01	0.23	0.03	0.06	0.13	0.00	-0.04	1.24	-0.04	-0.05	0.64	-0.04	-0.03	0.00	0.01	0.08	0.07	0.18	0.76	0.08	-0.24	0.02
	Jun	1.04	0.01	-0.26	-0.05	-0.09	-0.13	0.03	-0.06	1.44	0.06	0.13	0.31	-0.02	-0.02	0.03	0.29	0.11	0.02	0.18	0.51	0.00	-0.06	0.01
	Jul	-0.17	0.01	0.03	0.09	-0.05	-0.05	0.01	0.00	-0.22	-0.15	0.07	0.04	0.06	-0.05	-0.07	-0.14	0.05	0.03	-0.02	-0.13	0.05	0.03	-0.02
	Aug	0.78	0.01	0.04	0.09	0.00	-0.05	-0.02	-0.04	0.04	-0.05	0.06	0.33	0.04	0.79	0.01	0.01	0.02	0.01	-0.09	0.43	0.08	0.04	-0.02
	Sep	0.59	0.00	-0.13	-0.03	-0.05	-0.03	-0.02	0.06	0.70	-0.10	0.10	0.03	-0.16	0.07	0.00	0.23	0.12	0.00	-0.09	0.47	0.06	0.07	0.00
	Oct	0.27	0.00	-0.08	0.00	-0.05	-0.06	0.04	-0.05	0.43	0.11	0.01	-0.16	0.18	0.05	-0.02	-0.17	0.15	-0.03	-0.05	0.36	0.08	-0.01	0.00
	Nov	1.00	0.00	0.01	-0.01	-0.01	0.04	0.00	0.09	0.92	-0.04	0.12	-0.01	0.00	0.06	-0.01	0.18	0.12	0.06	0.17	0.23	0.06	0.03	0.01
	Dec	0.04	0.00	0.01	-0.02	0.02	0.00	0.01	0.05	-0.02	-0.24	0.00	-0.18	0.06	0.00	0.01	0.03	0.04	0.02	0.00	0.36	-0.02	0.00	0.01
2022	Jan	0.23	0.00	-0.06	0.04	-0.13	0.03	0.01	0.08	0.22	0.09	0.01	0.14	0.18	-0.06	-0.01	0.06	0.05	0.01	-0.02	-0.42	0.06	0.04	0.00
	Feb	0.08	0.00	-0.04	0.00	-0.04	0.00	0.00	0.00	0.13	-0.12	-0.01	0.21	0.10	-0.05	-0.05	0.17	0.19	0.01	-0.02	-0.41	0.04	-0.03	-0.01
	Mar	0.12	0.00	0.00	0.01	0.00	-0.02	0.01	0.08	0.03	-0.10	0.04	0.02	-0.09	-0.02	0.01	0.17	-0.06	0.00	-0.01	0.03	0.01	0.02	-0.01
	Apr	0.02	0.00	-0.03	-0.02	-0.07	0.03	0.03	-0.01	0.06	0.06	-0.02	0.01	0.05	0.04	0.02	-0.11	0.10	0.00	0.05	-0.21	0.04	0.00	0.01
	May	0.44	0.00	0.05	0.01	0.01	0.04	-0.01	0.05	0.34	-0.12	0.02	0.00	0.08	0.04	0.02	0.15	0.09	0.00	0.01	0.09	-0.07	0.01	0.00
	Jun	-0.55	0.00	-0.04	-0.01	-0.07	0.04	0.01	-0.04	-0.47	-0.08	-0.05	0.07	-0.07	0.02	-0.02	-0.09	-0.14	0.00	0.02	-0.15	0.00	-0.01	0.01
	Jul	0.06	0.00	-0.15	0.02	-0.10	-0.03	-0.03	0.01	0.23	-0.03	0.03	-0.01	0.02	0.05	0.00	-0.02	0.09	0.01	0.07	0.02	0.02	-0.03	-0.01
	Aug	-0.33	0.00	-0.22	-0.07	-0.14	-0.01	0.00	0.02	-0.10	-0.01	0.01	-0.06	0.05	-0.01	0.00	0.10	0.02	0.01	0.01	-0.11	-0.08	-0.05	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
2020	Aug	-9.50	-0.04	0.75	-0.02	0.49	0.22	0.08	-0.67	-9.54	-1.49	-1.13	-0.22	-0.10	-0.20	-0.09	-0.88	-0.72	-0.36	-0.55	-3.04	-0.52	-0.21	-0.02
	Sep	-8.86	-0.04	0.77	-0.09	0.64	0.16	0.07	-0.47	-9.11	-1.65	-1.02	-0.51	-0.22	-0.11	-0.02	-0.66	-0.72	-0.35	-0.15	-2.97	-0.46	-0.26	-0.01
	Oct	-8.15	-0.06	0.80	0.02	0.67	0.03	0.08	-0.28	-8.61	-1.52	-1.03	-0.76	0.03	-0.15	0.00	-0.60	-0.65	-0.39	-0.10	-2.81	-0.38	-0.23	-0.02
	Nov	-9.66	-0.05	1.06	-0.04	1.02	-0.03	0.11	-0.29	-10.37	-1.83	-0.88	-1.74	0.00	-0.05	0.03	-0.57	-0.77	-0.33	-0.29	-2.94	-0.50	-0.47	-0.04
	Dec	-8.07	-0.03	1.15	0.04	0.94	0.05	0.12	-0.39	-8.80	-1.48	-0.76	-1.46	-0.19	0.25	0.11	-0.26	-0.61	-0.23	-0.51	-3.03	-0.39	-0.18	-0.05
2021	Jan	-11.14	-0.05	0.53	-0.02	0.38	0.11	0.08	-0.45	-11.58	-2.19	-0.92	-1.77	0.06	0.37	0.14	-0.47	-0.90	-0.19	-1.76	-4.38	-0.44	-0.41	-0.06
	Feb	-10.08	-0.03	0.48	-0.08	0.40	0.12	0.08	-0.22	-10.70	-1.55	-0.71	-1.77	-0.14	0.32	-0.04	-0.17	-0.91	-0.15	-1.59	-4.26	-0.43	-0.43	-0.06
	Mar	-0.92	0.00	1.31	-0.02	1.18	0.10	0.08	0.25	-2.79	-0.13	-0.07	-0.89	-0.15	0.38	-0.12	0.14	-0.07	-0.13	0.94	-2.74	-0.16	-0.34	-0.03
	Apr	29.30	0.09	4.42	-0.20	4.25	0.35	0.20	3.53	20.96	4.49	1.82	1.97	0.92	0.93	0.01	1.50	1.61	-0.08	3.98	3.99	0.49	0.55	0.06
	May	27.14	0.09	3.63	-0.19	3.31	0.46	0.18	2.91	20.36	3.24	1.49	2.65	0.89	0.67	0.03	1.52	1.59	0.04	3.92	4.72	0.71	0.17	0.09
	Jun	17.90	0.07	1.60	-0.27	1.70	0.18	0.12	1.69	14.62	0.89	0.94	2.33	0.56	0.48	0.08	1.27	0.95	0.11	3.22	4.35	0.49	0.07	0.09
	Jul	9.54	0.07	0.81	-0.15	0.86	0.06	0.11	0.72	8.02	0.12	0.50	0.98	0.40	0.40	0.00	0.95	0.67	0.20	1.55	3.31	0.30	-0.48	0.01
	Aug	8.19	0.07	0.58	0.01	0.55	-0.02	0.06	0.49	7.15	0.12	0.38	0.43	0.52	0.47	0.01	0.94	0.74	0.25	0.45	3.56	0.38	-0.20	-0.04
	Sep	7.64	0.06	0.22	-0.01	0.23	-0.06	0.07	0.35	7.17	0.15	0.40	0.70	0.36	0.45	-0.01	0.97	0.86	0.28	-0.07	3.70	0.41	-0.15	-0.05
	Oct	7.25	0.06	-0.01	-0.04	0.04	-0.08	0.09	0.19	7.21	0.23	0.43	0.84	0.29	0.55	-0.05	0.70	0.90	0.25	-0.21	3.96	0.42	-0.17	-0.04
	Nov	10.34	0.06	-0.22	-0.03	-0.24	-0.03	0.09	0.25	10.59	0.77	0.50	1.85	0.45	0.55	-0.04	0.92	1.04	0.33	0.19	4.32	0.60	0.06	-0.02
	Dec	8.45	0.05	-0.30	-0.09	-0.18	-0.07	0.06	0.40	8.58	0.26	0.44	1.34	0.59	0.22	-0.09	0.58	0.81	0.32	0.40	4.63	0.43	-0.22	0.00
	2022	Jan	12.08	0.06	-0.14	-0.05	-0.09	-0.08	0.07	0.60	11.85	1.17	0.63	1.90	0.59	0.10	-0.24	0.97	1.08	0.34	1.69	3.44	0.57	0.18
Feb		11.43	0.06	-0.24	0.02	-0.23	-0.09	0.05	0.37	11.56	0.73	0.58	2.07	0.82	0.03	-0.18	0.97	1.28	0.32	1.74	2.84	0.60	0.15	0.00
Mar		8.91	0.05	-0.36	0.02	-0.34	-0.10	0.06	0.27	9.23	0.24	0.52	2.06	0.64	-0.07	-0.16	0.78	0.95	0.31	1.01	2.34	0.63	0.19	0.01
Apr		5.55	0.05	-0.30	0.14	-0.43	-0.13	0.11	0.16	5.82	-0.58	0.44	1.43	0.39	-0.02	-0.10	0.76	1.03	0.22	0.26	1.58	0.57	-0.12	-0.01
May		4.53	0.04	-0.48	0.12	-0.47	-0.23	0.09	0.26	4.88	-0.65	0.50	0.76	0.51	0.06	-0.08	0.90	1.03	0.15	0.10	1.00	0.41	0.13	-0.02
Jun		2.89	0.03	-0.25	0.18	-0.46	-0.04	0.07	0.27	2.92	-0.78	0.33	0.51	0.45	0.10	-0.13	0.51	0.76	0.13	-0.06	0.40	0.41	0.18	-0.03
Jul		3.13	0.01	-0.43	0.07	-0.51	-0.02	0.03	0.28	3.38	-0.65	0.30	0.46	0.42	0.20	-0.05	0.63	0.80	0.10	0.03	0.54	0.38	0.12	-0.01
Aug		2.00	0.00	-0.70	-0.12	-0.65	0.03	0.05	0.35	2.47	-0.60	0.25	0.07	0.43	0.19	-0.07	0.72	0.80	0.10	0.13	0.05	0.21	0.02	0.00