

Statistical bulletin

GDP monthly estimate, UK: September 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.



Release date: 11 November 2022 Next release: To be announced

Table of contents

- 1. Main points
- 2. Monthly GDP
- 3. The services sector
- 4. The production sector
- 5. The construction sector
- 6. Cross-industry themes
- 7. Revisions to GDP
- 8. Monthly GDP data
- 9. Glossary
- 10. Measuring the data
- 11. Strengths and limitations
- 12. Related links
- 13. Cite this bulletin

1. Main points

- Gross domestic product (GDP) is estimated to have fallen by 0.6% in September 2022, after a fall of 0.1% in August 2022 (revised from a fall of 0.3% in our previous publication) driven by a fall in the services sector.
- Looking at the quarterly picture, GDP fell by 0.2% in the three months to September 2022 compared with the three months to June 2022.
- Services fell by 0.8% in September 2022 after growth of 0.1% in August 2022 (revised from a fall of 0.1% in our previous publication); the largest contribution to the fall came from a 3.2% fall in information and communication activity, and a 2.0% fall in wholesale and retail trade, and repair of motor vehicles and motorcycles.
- Output in consumer-facing services fell by 1.7% in September 2022, after a fall of 1.6% in August 2022 (revised from a fall of 1.8% in our previous publication).
- Production grew by 0.2% in September 2022, after a fall of 1.4% in August 2022 (revised from a 1.8% fall in our previous publication); electricity, gas, steam and air conditioning supply grew by 1.5% and was the largest contributor to growth in production in September 2022.
- Construction grew by 0.4% in September 2022, after growth of 0.6% in August 2022 (revised from growth of 0.4% in our previous publication); the monthly increase came from increases in both new work (0.6%), and repair and maintenance (0.2%).

Estimates for September 2022 are affected by the bank holiday for the State Funeral of Her Majesty Queen Elizabeth II, where some businesses may have closed or operated differently on this day.

2. Monthly GDP

Monthly real gross domestic product (GDP) is estimated to have fallen by 0.6% in September 2022 (Figure 1) following a fall of 0.1% in August 2022 (revised up from a fall of 0.3% in our previous publication). It is now estimated to be 0.2% below its pre-coronavirus (COVID-19) levels (February 2020).

There was an additional bank holiday on 19 September 2022 for the State Funeral of Her Majesty Queen Elizabeth II and many businesses closed or operated differently on this day. As this was a one-off event, its impact does not get removed from our seasonally adjusted estimates. This should be considered when interpreting the seasonally adjusted movements in September 2022. Unlike normal bank holidays, there was not a shift to leisure and tourism activities because of the widespread nature of business closures. Therefore, while it is very difficult to separate the bank holiday impact from other factors affecting the economy, we estimate that at least half of this month's fall in GDP is because of this bank holiday. More information on our seasonal adjustment approach is available in Section 10: Measuring the data.

Figure 1: UK GDP is estimated to have fallen by 0.6% in September 2022

Monthly index, January 2007 to September 2022, UK

Figure 1: UK GDP is estimated to have fallen by 0.6% in September 2022

Monthly index, January 2007 to September 2022, UK



Source: Office for National Statistics - GDP monthly estimate

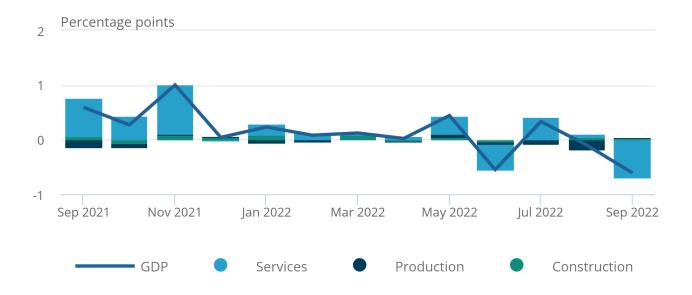
The service sector fell by 0.8% in September 2022 and was the main driver of the fall in GDP. Production rose by 0.2% in September 2022 and construction grew by 0.4%, its third consecutive increase after growth of 0.6% in August 2022 and 0.2% in July 2022 (Figure 2).

Figure 2: Services was the main contributor to the negative GDP growth in September 2022

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

Figure 2: Services was the main contributor to the negative GDP growth in September 2022

Contributions to monthly GDP growth, September 2021 to September 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

Looking more broadly, GDP fell by 0.2% in the three months to September 2022 compared with the three months to June 2022 with a 1.5% fall in production, a 0.6% rise in construction and flat growth in services. These figures are consistent with the quarterly output measure within the latest GDP first quarterly estimate, UK: July to September 2022 bulletin.

Monthly GDP grew 1.3% in September 2022 compared with the same month last year down from 2.5% in August 2022 versus August 2021 (revised from 2.0% in our previous publication).

More about economy, business and jobs

- All ONS analysis, summarised in our <u>economy</u>, <u>business and jobs roundup</u>.
- Explore the latest trends in employment, prices and trade in our economic dashboard.
- View <u>all economic data</u>.

3. The services sector

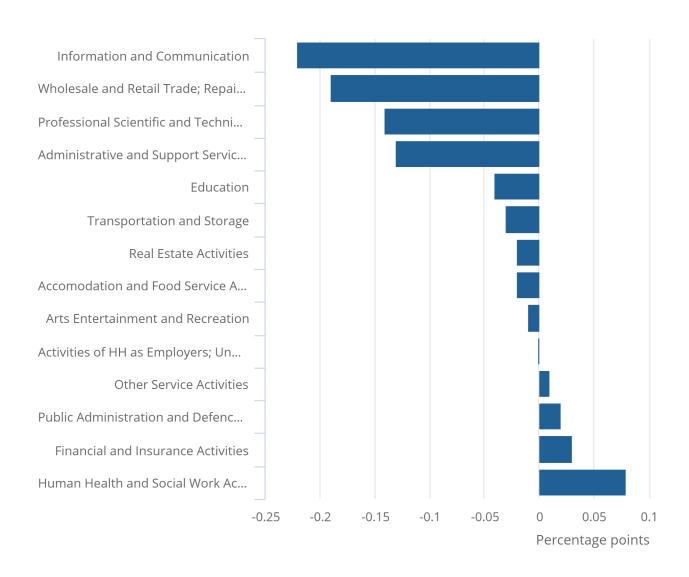
Services fell by 0.8% in September 2022, following growth of 0.1% in August 2022 (revised up from a 0.1% fall in our previous publication). Figure 3 shows the contributions from the services sector to gross domestic product (GDP) in September 2022.

Figure 3: Services fell by 0.8% in September 2022

Monthly services contributions to GDP, September 2022, UK

Figure 3: Services fell by 0.8% in September 2022

Monthly services contributions to GDP, September 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.

Information and communication fell by 3.2% in September 2022 and was the biggest contributor to the fall in services on the month. Computer programming, consultancy and related activities fell by 3.9% in September 2022. It was the main driver of the fall in information and communication, followed closely by motion picture, video & tv programme production, sound recording and music publishing activities, which fell by 18.0%.

The second-largest negative contribution within services came from wholesale and retail trade; repair of motor vehicles and motorcycles, which fell by 2.0% in September 2022. All three industries contributed negatively. Wholesale and retail trade, and repair of motor vehicles and motorcycles fell by 3.3%, with the <u>Society of Motor Manufacturers and Traders (SMMT) September 2022</u> reporting new registrations were only 4.6% above last September, which was the weakest since 1998. Wholesale and retail trade, except motor vehicles and motorcycles, fell by 2.2% and 1.4%, respectively.

These falls were partially offset by a rise in human health and social work activities, which grew by 0.9% in September 2022. The growth in this sub-sector was entirely driven by human health activities industry, which grew by 1.5% on the month. There were rises in GPs and critical care volumes in the month, as well as the first growth in the NHS Test and Trace and Vaccine programme since March 2022.

NHS Test and Trace services and vaccine programmes

NHS Test and Trace and COVID-19 vaccination programme activity grew by 71% in September 2022 (Figure 4). This was driven by an increase in vaccine activity because of the autumn booster campaign, partially offset by a fall in testing volumes. Despite this growth on the month, levels remain significantly below the highs seen at the end of 2021 as shown in Figure 4. More specifically in September 2022:

- testing volumes fell by 58% from August 2022; laboratory-processed testing and lateral flow devise (LFD) testing volumes both fell strongly and so both contributed to this fall
- 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 grew by 251% in September 2022, this growth was driven by the autumn booster programme

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

Figure 4: NHS Test and Trace and COVID-19 vaccination programme activity grew by 71% in September 2022 but remain significantly below the highs seen at the end of 2021

Monthly chain volume data in £ million, September 2022, UK

Figure 4: NHS Test and Trace and COVID-19 vaccination programme activity grew by 71% in September 2022 but remain significantly below the highs seen at the end of 2021

Monthly chain volume data in £ million, September 2022, UK



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

Notes:

1. Data are chain volumes in £ millions unless labelled otherwise.

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 <u>accompanying dataset</u>.

Consumer-facing services

Output in consumer-facing services fell by 1.7% in September 2022, following a fall of 1.6% in August 2022 (revised up from 1.8% in previous publication). Consumer-facing services were 10.0% below their pre-coronavirus (COVID-19) levels (February 2020) in September 2022, while all other services were 1.9% above (Figure 4).

The largest negative contributing industry was retail trade, except for motor vehicles and motorcycles, which fell by 1.4% in the month. This follows a contraction of 1.7% in August 2022 (revised down from negative 1.6% in previous publication) and this industry has now fallen 10 times in the last 11 months. Our Retail sales, Great Britain: September 2022 bulletin notes that retailers continue to mention the effect of rising prices and the cost of living on sales volumes, data for September 2022 are also affected by the bank holiday for the State Funeral of Her Majesty Queen Elizabeth II, when many retailers closed.

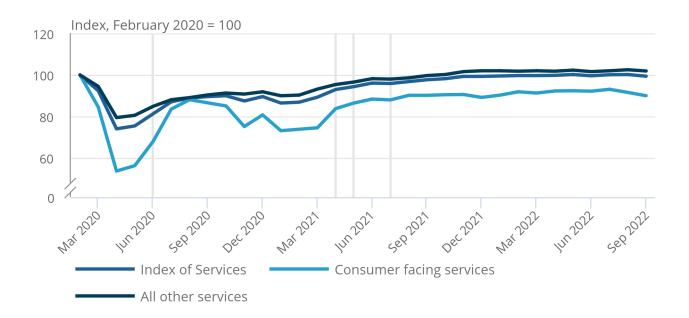
The second-largest contributor to the fall in consumer-facing services was buying and selling, renting and operating of own or leased real estate, excluding imputed rent, which fell by 0.9% in September 2022.

Figure 5: Output in consumer-facing services fell by 1.7% in September 2022 and remains 10.0% below pre-coronavirus pandemic levels

Monthly index of services, February 2020 to September 2022, UK

Figure 5: Output in consumer-facing services fell by 1.7% in September 2022 and remains 10.0% below pre-coronavirus pandemic levels

Monthly index of services, February 2020 to September 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 remained at the same level in the three months to September 2022 compared with the three months to June 2022, with negative growth seen in 7 of the 14 services sectors offset by positive contributions in the other seven services sectors.

More detailed breakdowns on services are available in the Index of Services, UK: September 2022.

4. The production sector

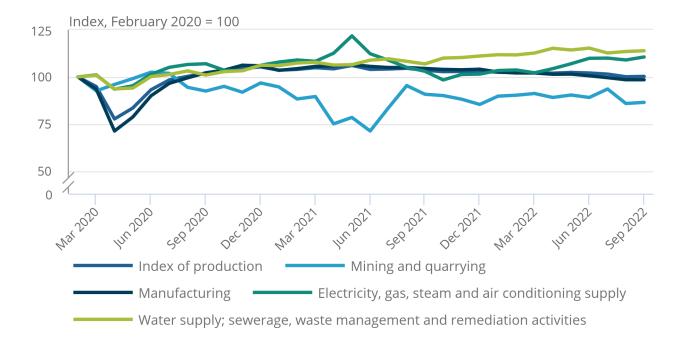
Production output grew by 0.2% in September 2022, with positive growth in three of the four sub-sectors. This is the sector's first growth since May 2022.

Figure 6: Production output grew by 0.2% in September 2022, with growth in three of the four sectors

Monthly index, February 2020 to September 2022, UK

Figure 6: Production output grew by 0.2% in September 2022, with growth in three of the four sectors

Monthly index, February 2020 to September 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.

Electricity, gas, steam and air conditioning supply was the main driver of production growth, rising by 1.5% on the month. Electric power generation, transmission and distribution saw growth of 4.4%, the largest since December 2020. According to anecdotal evidence from the Department for Business, Energy and Industrial Strategy (BEIS) demand was up 10.6% in September 2022 from August 2022, also noting that the number of heating days in September 2022 was 1.7 compared to 0.6 in September 2021. Manufacture of gas, distribution of gaseous fuels through mains, and steam and aircon supply saw a notable fall of 3.6%, though not enough to offset growth in electric power generation, transmission, and distribution.

Mining and quarrying was the second-largest contributor to positive production growth in September 2022, growing by 0.7%. This was wholly driven by extraction of crude petroleum and natural gas, which increased by 1.0% on the month.

Manufacturing was broadly flat on the month (Figure 6) with the largest negative contributor, manufacture of basic metals and metal products, falling by 3.4%. Notable falls were also seen in the manufacture of chemicals and chemical products (down 3.0%) and manufacturing of computer, electronic & optical products (down 2.7%).

The largest positive contributors to manufacturing were the manufacture of basic pharmaceutical products and pharmaceutical preparations, which saw growth of 9.3% in September 2022. Also contributing positively was manufacture of transport equipment, which rose by 2.7% on the month, <u>Society of Motor Manufacturers and Traders (SMMT) September 2022</u> comments on the strongest September for commercial vehicle production since September 2011.

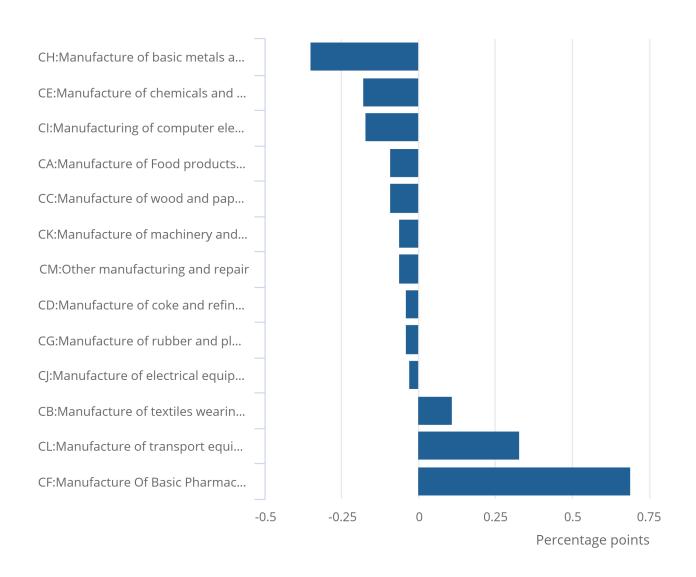
Water supply and sewerage fell by 0.3% in September 2022, with a growth in sewerage of 3.5% cancelled out by 2.4% fall in water collection, treatment and supply.

Figure 7: Manufacturing growth was flat in September 2022

Monthly Manufacturing Subsectors contributions to Manufacturing output, September 2022, UK

Figure 7: Manufacturing growth was flat in September 2022

Monthly Manufacturing Subsectors contributions to Manufacturing output, September 2022, UK



Source: Office for National Statistics - GDP monthly estimate

Notes:

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

Overall, production decreased by 1.5% in the three months to September 2022, compared with the three months to June 2022, driven primarily by manufacturing, which fell by 2.3%. There has been a downward trend in manufacturing, since its last three-month on three-month growth in July 2021. There were also declines in mining and quarrying, and water supply and sewerage, which fell by 1.0% and 1.4%, respectively. Electricity, gas, steam and air conditioning supply was the only sector that saw growth, up by 2.6% over the same period.

More detailed breakdowns on production are available in the <u>Index of Production</u>, <u>UK: September 2022</u>.

5. The construction sector

Monthly construction output increased by 0.4% in September 2022. This is the third consecutive monthly growth following the small, upwardly revised increases to 0.6% and 0.2% in August 2022 and July 2022, respectively.

The 0.4% growth in construction output in September 2022 represents an increase of £66 million in monetary terms compared with August 2022, with five out of the nine sectors seeing an increase on the month.

The increase came from rises in both new work (0.6%), and repair and maintenance (0.2%) on the month (Figure 7). At the sector level, the main contributors were infrastructure, and public housing repair and maintenance, which increased 2.8% and 11.3%, respectively.

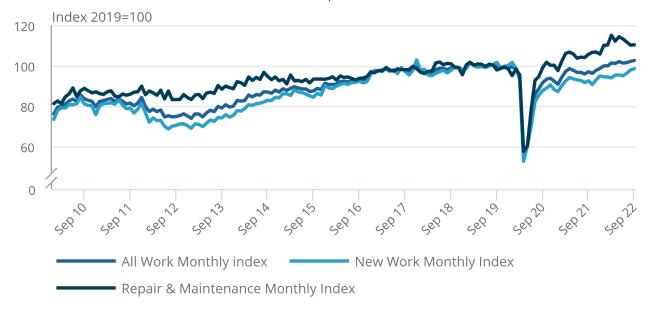
Anecdotal evidence gathered from businesses over the month to the Monthly Business Survey for Construction and Allied Trades suggested there has been increased narrative around the cost of living crisis. This is as it continues to be a major factor as businesses and households are spending particularly less on repair and maintenance work. Many firms suggested that the high prices for construction materials meant some repair and maintenance projects were being put on hold (whether temporarily or permanently). In contrast, some new projects were continuing as costings were agreed prior to the recent price increases, and as such the construction firms were having to absorb these.

Figure 8: The monthly all work construction output index in September 2022 saw an increase on the month, coming from increases in both new work (0.6%) and repair and maintenance (0.2%)

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

Figure 8: The monthly all work construction output index in September 2022 saw an increase on the month, coming from increases in both new work (0.6%) and repair and maintenance (0.2%)

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



Source: Office for National Statistics – Construction: Output and Employment

Notes:

- 1. Indexes are rounded to one decimal place.
- 2. Monthly output records began in January 2010.

Further detail on construction output growth rates, along with new orders in the construction industry and construction output prices, can be found in our <u>Construction output in Great Britain: September 2022, new orders and Construction Output Price Indices, July to September 2022 bulletin.</u>

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.

Some businesses reported challenging conditions, with the price of energy and the price of fuel continuing to be cited as particular difficulties. Others reported an impact on their turnover following industrial action with strikes being carried out across various sectors. Many businesses also reported currency exchange as an issue that affected them, with a weaker pound making it less affordable to import inputs. Finally, many businesses reported that the additional bank holiday led to a drop in their turnover because there were fewer trading days in the month.

7. Revisions to GDP

This release gives data for September 2022 for the first time. It also gives revisions to July and August 2022 consistent with <u>GDP first quarterly estimate</u>, <u>UK: July to September 2022</u> released on the same day. Table 2 shows the revisions to monthly gross domestic product (GDP) and its sectors for July to August 2022, since the last monthly publication on 12 October 2022.

Table 1: Contributions to revisions to GDP growth, by sectors Percentage points, July to August 2022, UK

	Jul-22	Aug-22
GDP	0.2	0.2
Services	0.2	0.2
Production	0.5	0.4
Construction	0.1	0.2

Source: Office for National Statistics - GDP monthly estimate

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.

A number of factors have contributed towards the upwards revisions. Within services we have revised non-market data for public administration, education and health upwards as a result of previous forecasts being replaced with business returns. In production, some of our volume estimates from the Department for Business, Energy and Industrial Strategy (BEIS) have been revised up. Across both services and production we have also seen some revisions resulting from later survey data and the latest seasonally adjusted estimates.

8. Monthly GDP data

Monthly gross domestic product by gross value added

Dataset | Released 11 November 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 11 November 2022

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

Monthly gross domestic product: time series

Dataset MGDP | Released 11 November 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 11 November 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 11 November 2022

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

Health volume adjustments and contribution to GDP growth

Dataset | Released 11 November 2022

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

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.

Real GDP

Real GDP excludes any inflationary issues and reflects the changes in volume terms. This can also be referred to as volume estimates of GDP.

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: September 2022, new orders and Construction Output Price Indices, July to September 2022
- Index of Production, UK: September 2022
- Index of Services, UK: September 2022

There have been large movements in UK gross domestic product (GDP) over the course of the coronavirus (COVID-19) 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 why these would not provide the same estimate for where the economy is relative to its pre-coronavirus levels. This primarily reflects that monthly estimates of GDP are based on only the output measure of GDP, while quarterly estimates of GDP reflect the average of the three approaches (output, income and expenditure).

However, the coronavirus pandemic has brought many <u>measurement challenges</u> 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 <u>Measuring monthly and quarterly UK gross domestic product during the coronavirus (COVID-19) pandemic</u>.

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.

Additional bank holiday in September 2022 for the State Funeral of Queen Elizabeth II

For the State Funeral of Queen Elizabeth II there was an additional bank holiday on 19 September 2022. This additional bank holiday led to one fewer working day in September 2022. Therefore, this should be considered when interpreting the movements involving September 2022. Previous experience of additional, or substitute, bank holidays in 2002 and 2012 highlighted that such events might lead to more volatile movements in the monthly path of GDP. For more information, see our <u>Guide to interpreting monthly gross domestic product methodology</u>.

As part of our usual seasonal adjustment practice, prior adjustments are made for calendar effects (where statistically significant), such as returns that do not comply with the standard trading period, regular bank holidays, and Easter. Adjustments for repeating and predictable effects are estimated and removed from the final seasonally adjusted series, for example a permanent change in the seasonal pattern. Adjustments for effects that do not repeat are estimated and removed during the seasonal adjustment process, but are then put back into the final seasonally adjusted series, for example the effect of extreme weather or one-off quantifiable events.

The additional bank holiday in September 2022 is not regular, so there is not an explicit adjustment to account for it as part of the seasonal adjustment process. However, indirectly, the timing of the bank holiday will affect the number of trading days in the period where it falls. There is likely to be some impact on our GDP estimates (positive or negative depending on the sector) in September 2022 because of the additional bank holiday. This is an ad hoc effect, so it does not get removed from our GDP seasonally adjusted estimates.

In our figures, we reviewed the trading day patterns of all industries, considering the timing of the additional bank holiday, ensuring the genuine activity from the bank holiday was reflected in our published GDP seasonally adjusted estimates. We will continue to review our seasonal adjustment parameters on a regular basis.

Users are therefore likely to find an effect related to one fewer working day in September in the seasonally adjusted series. Caution should be taken when interpreting the seasonally adjusted movements involving September 2022.

11 . Strengths and limitations

Quality and methodology information on strengths, limitations, appropriate uses, and how the data were created is available in the <u>Gross domestic product (GDP) QMI</u>.

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.

12. Related links

GDP first quarterly estimate, UK: July to September 2022

Bulletin | Released 11 November 2022

First quarterly estimate of gross domestic product (GDP). Contains current and constant price data on the value of goods and services to indicate the economic performance of the UK.

Construction output in Great Britain: September 2022, new orders and Construction Output Price Indices, July to September 2022

Bulletin | Released 11 November 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: September 2022

Bulletin | Released 11 November 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: September 2022

Bulletin | Released 11 November 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 bulletin

Office for National Statistics (ONS), released 11 November 2022, ONS website, bulletin, <u>GDP monthly estimate</u>, <u>UK: September 2022</u>

												Industry section	ons (SIC2007)										
	Total GVA at	Agriculture,	Total			Electricity	Water supply,		Total	Wholesale and retail: repair of		Accommodation and food	Information	Financial		Professional, scientific	Administrative and support a			Human health	Arts,	Other	Activities of households as employers,
	basic prices	forestry and fishing	production industries	Mining & quarrying	Manufacturing	gas, steam and air	sewerage etc	Construction ⁶	service industries	motor vehicles and motorcycles	Transport and storage	service activities	and Communication	and insurance activities	Real estate activities	and technical activities	service activities	and defence	Education	and social work activities	entertainment and recreation	service activities	undifferentiated goods and services
Section 2019 weights	A-T 1000	A 7	B-E 135	В 11	C 97	D 15	12	F 62	G-T 796	G 104	H 40	30	J 63	K 82	132	M 73	N 51	O 49	P 60	Q 77	R 15	S 17	T
· ·	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 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 Jun	101.0 100.4	106.2 106.2	107.1 106.8	90.4 89.2	106.2 106.3 105.4	114.5 117.6	119.2 120.2	103.5 102.7	99.7 99.1	82.4 81.8	86.7 85.4	106.0 108.3	112.5 111.4	106.2 106.5	99.4 99.2	111.1 109.8	116.0 113.2	99.8 99.9	98.3 98.5	92.3 90.7	108.7 108.7	83.8 83.1	69.2 73.2
Jul	100.7	106.4	106.1	93.6	104.3	117.8	117.5	103.0	99.6	82.1	86.9	108.5	112.0	106.6	99.3	110.2	115.0	100.3	99.8	90.9	111.9	81.4	68.3
Aug	100.6	106.2	104.6	86.0	103.2	116.6	118.3	103.6	99.7	82.1	87.5	106.4	112.8	106.8	99.3	111.2	115.8	100.9	100.2	90.5	108.3	79.1	64.9
Sep	100.0	105.7	104.9	86.6	103.2	118.3	118.7	104.0	98.8	80.5	86.7	105.8	109.2	107.2	99.1	109.3	113.1	101.2	99.6	91.4	107.6	79.7	66.8
Percentage change, la																							
2017	GDPQ 2.5	L3BB 4.6	L3BG -0.2	L3BH -7.8	L3BN 1.2	L3DM -7.1	L3DQ 0.6	L3DW 4.3	L3E2 2.8	L3E4 2.6	L3E8 1.3	L3EG 4.7	L3EJ 3.7	L3EU 6.6	L3F2 0.1	L3F8 2.0	L3FN 4.6	L3FW 2.3	L3FY 0.6	L3G2 3.0	L3G9 9.3	L3GF 5.8	L3GJ -1.4
2017 2018 2019	1.6 1.7	-12.5 16.9	3.3 2.3	6.3 2.2	4.3 1.2	-3.2 14.0	1.1 -0.3	-1.7 1.5	1.7 1.5	-0.7 -0.4	3.2 1.9	-1.7 3.5	13.2 9.2	-0.9 -2.5	1.4 1.7	0.5 -0.9	0.1 0.5	0.9 5.3	4.6 6.4	-0.9 -1.6	1.1 1.8	5.0 -1.7	8.5 6.3
2020	-10.6	-3.5	1.2	-3.2	0.1	9.1	4.8	-13.5	-12.4	-18.4	-29.7	-40.1	-1.4	0.3	0.0	-7.5	-11.0	-4.9	-17.5	-30.9	-28.2	-13.7	-22.1
2021	7.6	5.9	7.4	-11.1	9.7	5.5	7.7	13.2	7.2	3.7	11.3	31.6	5.5	5.3	-0.1	9.1	11.2	1.9	12.0	22.2	20.3	-9.2	-5.1
Percentage change, late																							
2020 Sep	ED3H 16.8	ED3I 5.2	ED3J 18.1	ED3K -2.9	ED3L 24.3	ED3M 9.8	ED3N 6.1	ED3O 41.9	ED3P 15.0	ED3Q 23.5	ED3R 43.9	ED3S 412.9	ED3T 4.1	ED3U 1.1	ED3V -0.1	ED3W 6.1	ED3X 15.4	ED3Y -2.8	ED3Z 61.8	ED42 18.8	ED43 33.2	ED44 35.4	ED9R 73.7
Oct	11.0	3.5	10.9	-7.1	15.1	5.1	3.8	24.9	10.1	8.8	26.0	148.7	3.0	-0.1	0.1	5.1	7.9	-2.4	49.0	14.6	25.2	11.8	64.6
Nov	4.7	1.6	6.0	-6.5	9.0	0.3	0.8	12.8	3.8	-1.6	11.5	10.7	1.7	0.3	0.2	4.0	2.9	-1.6	26.0	9.6	10.8	0.2	27.8
Dec	1.4	0.5	4.1	-1.8	5.9	-1.8	2.3	5.1	0.6	-3.5	4.6	-30.3	1.4	1.6	0.3	4.6	4.3	-0.7	7.0	4.8	6.6	-4.7	0.1
2021 Jan	-0.9	0.6	2.7	0.5	3.4	0.0	2.8	1.3	-1.8	-6.4	1.2	-46.7	0.5	3.5	0.6	3.5	4.6	0.1	-8.5	3.0	3.1	-6.8	-12.3
Feb	-1.1	1.5	1.1	0.1	0.6	2.9	4.1	-0.5	-1.6	-5.1	-1.3	-33.4	0.2	4.6	0.7	3.3	4.3	0.8	-17.2	3.0	5.9	-5.2	-15.6
Feb Mar Apr	-1.2 1.9	2.2 2.4	-0.1 -0.1	-3.9 -10.7	-0.7 0.1	3.9 4.0	2.9 1.9	1.0 4.7	-1.7 2.1	-4.5 3.9	-2.9 0.0	-25.8 8.3	0.8 2.0	3.8 2.3	0.6 -0.2	2.4 3.9	2.0 2.8	1.0 1.5	-19.3 -4.7	6.7 11.1	5.9 0.3 2.2	-15.3 -4.2	-18.2 -14.7
May	4.5	2.3	0.8	-13.1	1.3	6.0	0.3	5.7	5.2	8.7	2.4	38.2	3.5	1.0	-0.5	3.8	4.2	2.1	13.6	17.3	3.5	-2.0	-4.9
Jun	6.5	2.4	0.6	-17.5	1.4	6.6	0.1	3.8	8.0	12.1	4.5	90.1	3.9	0.2	-0.5	3.6	4.9	2.9	25.4	20.5	10.5	7.2	18.0
Jul	5.0	3.2	0.4	-7.8	0.4	3.9	1.1	0.4	6.4	6.1	4.1	86.5	2.7	-0.5	-0.3	2.5	5.0	2.9	17.6	19.3	12.5	-5.9	22.3
Aug	3.2	3.9	-0.8	2.9	-0.7	-4.8	2.0	-1.4	4.4	1.8	5.7	58.8	1.6	-0.9	-0.2	2.2	4.1	2.3	8.0	14.2	11.9	-6.2	9.0
Sep	1.7	3.8	-0.7	20.0	-1.1	-8.6	1.0	-1.1	2.4	-2.0	6.6	30.1	0.2	-0.6	-0.4	1.8	4.1	1.4	1.0	9.7	12.2	-2.8	-12.8
Oct	1.5	2.6	-1.1	18.4	-1.1	-10.7	0.0	-0.7	2.2	-1.6	6.6	16.4	0.5	0.2	-0.3	1.5	4.5	0.5	-1.8	9.9	14.2	6.4	-16.9
Nov	1.6	1.1	-1.1	7.5	-1.1	-7.2	0.1	0.6	2.2	-1.2	6.1	5.4	0.1	1.2	-0.3	1.8	6.0	0.4	-1.9	10.5	15.7	8.5	-8.8
Dec	1.6	0.2	-1.1	-2.3	-0.9	-5.0	2.0	1.0	2.2	-0.8	5.0	-3.3	1.7	1.6	-0.2	1.5	6.8	0.5	-0.4	10.9	13.6	5.4	4.5
2022 Jan	1.5	-0.1	-0.8	-4.7	-1.0	-0.1	2.4	2.4	1.9	-1.3	4.6	-6.0	2.7	1.1	-0.2	2.4	6.1	1.3	1.4	6.8	10.3	4.5	9.8
Feb	1.0	0.2	-0.5	-1.4	-1.1	1.9	2.2	2.5	1.1	-2.2	2.4	-2.7	4.4	0.0	-0.3	2.5	5.2	1.3	1.0	1.4	7.0	2.4	4.2
Mar	0.7	0.6	-0.6	2.8	-1.6	2.7	1.5	2.9	0.8	-2.0	1.6	5.8	4.1	-1.0	-0.4	4.1	4.3	1.1	0.2	-4.3	6.4	2.4	-6.2
Apr	0.3	0.9	-0.6	2.7	-1.6	1.3	1.9	2.0	0.4	-1.9	0.6	9.4	3.1	-1.1	-0.4	3.9	4.3	0.5	-0.5	-6.7	5.9	0.3	-11.9
May	0.4	0.8	-0.4	1.9	-1.3	1.6	2.3	2.0	0.4	-1.5	1.1	7.6	1.5	-0.4	-0.1	3.7	3.3	0.2	0.1	-5.3	3.9	0.5	-10.2
Jun Jul	0.2 0.2	0.6 0.4	-0.2 -0.2	-1.0 0.9	-1.1 -1.3	3.9 5.4	2.6 0.8	1.1 0.8	0.2 0.3	-1.5 -1.5	0.2 0.3	3.9 1.9	0.9 0.8	0.5 0.9	0.1 0.2	1.7 1.0	2.4 1.2	0.0 0.2	0.8 1.2	-3.5 -1.6	1.2 -1.1	-0.3 -0.6	-10.2 0.3 5.2
Aug	-0.1	0.3	-1.0	-0.8	-2.0	4.9	-0.2	0.2	0.1	-1.1	0.1	1.7	0.7	0.9	0.0	0.2	0.4	0.5	1.6	-1.8	-1.0	-2.9	3.2
Sep	-0.2	0.0	-1.5	-1.0	-2.3	2.6	-1.4	0.6	0.0	-1.2	1.1	0.1	-0.3	0.7		0.2	0.1	1.0	1.6	-0.5	-0.8	-4.0	-4.5

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.

												Industry section	ns (SIC2007)										
	-									Wholesale													Activities of
	Total						Water			and retail:		Accommodation				Professional,	Administrative	Public					households
	GVA at	Agriculture,	Total			Electricity	supply,		Total	repair of		and food	Information	Financial		scientific	and support a			Human health	Arts,	Other	as employers,
	basic	forestry and	production	Mining &		gas, steam	sewerage	0 6	service	motor vehicles	Transport	service	and	and insurance		and technical	service	and		and social	entertainment	service	undifferentiated
Section	prices A-T	fishing A	industries B-E	quarrying	Manufacturing C	and air	etc	Construction ⁶	industries G-T	and motorcycles	and storage	activities	Communication	activities K	activities	activities	activities N	detence	Education	work activities	and recreation	activities	goods and services
2019 weights	1000	7	135	11	97	15		62	796	104	40	30	63		132		51	49	60	77	IX.	17	2
Percentage change, lat	tost 3 months on	s camo 3 months																					
reicentage change, lat																							
	ED9T	ED9U	ED9V	ED9W	EDGQ	EDGR	EDGS	EDGT	EDGU	EDGV	EDGW	EDGX	EDGY	EDGZ	EDHA	EDHB	EDHC	EDHD	EDHE	EDHF	EDHG	EDHH	EDHI
2020 Sep	-9.9	-5.8	4.7	-2.0	4.2	12.1	5.8	-10.4	-12.4	-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	3.6	3.8	-2.7	17.0	-4.9	-4.7	5.3	4.7	4.7	-6.2	12.5	21.9	7.2	1.2	-0.7	9.1	17.1	2.5	0.4	7.8	32.0	10.8	-15.4
Aug	2.9	2.4	-2.7 -2.9	7.3	-5.4	0.8	4.5	5.3	3.9	-5.9	10.0	12.3	6.8	1.7	-0.6	8.4	15.6	2.5	0.4	4.2	27.4	8.4	-11.9
Sep	2.9	1.4	-3.4	7.3 -1.4	-5.4 -5.7	4.0	4.5	5.3 5.7	3.9	-5.9 -5.4	8.1	6.4	6.4	1.7	-0.5	7.7	14.2	2.5	2.1	1.8	21.2	3.3	-6.2
•			-3.4	-1.4	-5.7	4.0	4.7	5.7	3.2	-5.4	0.1	0.4	0.4	1.0	-0.5	1.1	14.2	2.0	2.1	1.0	21.2	3.3	-0.2
Percentage change, lat	test month on pr	revious 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 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	-0.4	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
	0.1	0.3	0.0	1.0	0.0	-1.4	0.9	1.4	0.2	-1.0	1.3	0.8	-1.4	-0.2	0.1	2.2	-1.1	0.2	-0.4	0.4	0.8	1.2	-8.4
Mar																							-0.4
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	0.3	0.3	-0.6	5.0	-1.0	0.1	-2.3	0.2	0.5	0.4	1.7	0.2	0.6	0.1	0.1	0.3	1.6	0.5	1.3	0.2	2.9	-2.1	-6.7
Aug	-0.1	-0.2	-1.4	-8.2	-1.1	-1.0	0.8	0.6	0.1	0.0	0.6	-1.9	0.7	0.2	0.0	0.9	0.7	0.5	0.4	-0.4	-3.2	-2.8	-4.9
Sep	-0.6	-0.5	0.2	0.7	0.0	1.5	0.3	0.4	-0.8	-2.0	-0.9	-0.6	-3.2	0.4	-0.2	-1.8	-2.3	0.3	-0.6	0.9	-0.6	8.0	2.8

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.

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

^{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.

		<u> </u>			<u> </u>						-	Industry section	ns (SIC2007)										
										Wholesale													Activities of
	Total						Water			and retail:		Accommodation				Professional,	Administrative	Public					households
	GVA at	Agriculture,	Total			Electricity	supply,		Total	repair of		and food	Information	Financial		scientific	and support			Human health	Arts,	Other	as employers,
	basic	forestry and	production	Mining &		gas, steam	sewerage		service	motor vehicles	Transport	service	and	and insurance		and technical	service	and		and social	entertainment	service	undifferentiated
	prices	fishing	industries	quarrying	Manufacturing	and air	etc	Construction ⁶	industries	and motorcycles	and storage	activities	Communication	activities	activities	activities	activities		Education	work activities	and recreation	activities	goods and services
Section	A-T	A	B-E	В	C	D	E	F	G-T	G	H		J	K	L	M	N	0	P	Q	R	S	Т
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 y	ear 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 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	3.4	2.5	-2.7	11.8	-5.2	1.0	2.8	5.0	4.5	-5.4	10.3	17.0	6.6	1.8	-0.3	8.9	15.8	2.3	0.7	6.4	31.2	8.9	-11.5
Aug	2.5	1.1	-4.3	-10.0	-6.2	3.7	4.8	6.4	3.5	-4.9	9.0	2.4	6.7	2.0	-0.4	9.8	16.1	2.7	2.5	1.4	19.4	2.9	-3.6
Sep	1.3	0.8	-3.1	-4.7	-5.8	7.4	6.5	5.6	1.8	-5.9	5.1	0.9	5.8	1.6	-0.6	4.6	10.7	3.0	3.1	-2.2	13.9	-1.5	-2.7

¹ The GVA output is designated as a National Statistic.
2 Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
3 Estimates cannot be regarded as accurate to the last digit shown.
4 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
5 A complete run of data is available on the ONS website.
6 The construction growth rates calculated from this release may have small differences to those in Construction Output in Great Britain releases, due to rounding differences. For the most accurate figure, please refer to the Construction Output release.

seasonally adjusted 2019=100 Periods open for revision: 2022 Jul - 2022 Aug

												Industry section	ns (SIC2007)										
	Total						Water			Wholesale		A				Destauriens	A -1	Dublic					Activities of
	GVA at	Agriculture,	Total			Electricity	supply,		Total	and retail: repair of		Accommodation and food	Information	Financial		Professional, scientific	Administrative and support ad	Public		Human health	Arts,	Other	households as employers,
	basic	forestry and	production	Mining &		gas, steam	supply, sewerage		service	motor vehicles	Transport	service	and	and insurance	Real estate	and technical	service	and		and social	entertainment	service	undifferentiated
	prices	fishing	industries		Manufacturing	and air		Construction ⁴	industries	and motorcycles	and storage		Communication	activities	activities	activities	activities		Education	work activities	and recreation	activities	goods and services
Section	A-T	Α	B-E	В	С	D	E	F	G-T	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т
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
			. 35																				
Percentage change, late	est 3 months on	previous 3 mont	ths ","																				
2020 Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov Dec	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
2021 Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun Jul	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022 Jan Feb	0.0 0.0	0.0 0.0	0.0 0.0	0.0	0.0 0.0	0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0	0.0 0.0	0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul Aug	0.1 0.2	0.1 0.4	0.2 0.5	1.0 1.9	0.0 0.2	0.8 1.4	0.1 0.5	0.0 0.2	0.1 0.2	0.2 0.5	0.2 0.5	0.1 0.2	0.1 0.1	-0.2 -0.2	0.0 0.0	0.2 0.3	0.0 0.1	0.1 0.3	0.0 0.2	0.0 0.3	0.5 1.6	0.1 0.4	-0.8 -2.0
-				1.9	0.2	1.4	0.5	0.2	0.2	0.3	0.5	0.2	0.1	-0.2	0.0	0.5	0.1	0.3	0.2	0.5	1.0	0.4	-2.0
Percentage change, late	est 3 months on	same 3 months	a year ago ^{3,5}																				
2020 Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021 Jan Feb	0.0 0.0	0.0	0.0 0.0	0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0	0.0 0.0	0.0	0.0 0.0	0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul Aug	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022 Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar Apr	0.0 0.0	0.0	0.0 0.0	0.0	0.0 0.0	0.0	0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0	0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul	0.1	0.2	0.1	1.1	0.0	0.7	0.1	0.1	0.0	0.2	0.2	0.1	0.1	-0.1	0.0	0.2	0.0	0.1	0.0	0.0	0.7	0.0	-0.6
Aug	0.2	0.4	0.5	2.1	0.1	1.3	0.5	0.1	0.2	0.4	0.6	0.2	0.1	-0.2	0.1	0.3	0.1	0.4	0.2	0.3	2.1	0.5	-1.7

¹ The GVA output is designated as a National Statistic.
2 Estimates cannot be regarded as accurate to the last digit shown.
3 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
4 Monthly data from the construction survey are only available from January 2010, therefore the data prior to this period are derived using statistical methods from the available quarterly data, and should therefore be treated with some caution.
5 Revisions to periods highlighted in Grey are consistent with the First estimate of GDP published on 11 November 2022

seasonally adjusted 2019=100 Periods open for revision: 2022 Jul - 2022 Aug

												Industry section	ns (SIC2007)										
	Total						Water			Wholesale		Assammadation				Drefessional	Administrativa	Dublic					Activities of
	GVA at	Agriculture,	Total			Electricity	supply,		Total	and retail: repair of		Accommodation and food	Information	Financial		Professional, scientific	Administrative and support ac	Public		Human health	Arts,	Other	households as employers,
	basic	forestry and	production	Mining &		gas, steam	sewerage		service	motor vehicles	Transport	service	and	and insurance	Real estate	and technical	service	and		and social	entertainment	service	undifferentiated
	prices	fishing	industries		Manufacturing	and air		Construction 4	industries	and motorcycles	and storage	activities	Communication	activities	activities	activities	activities		Education	work activities		activities	goods and services
Section	A-T 1000	A	B-E	В	С	D	<u>E</u>	F	G-T	G	<u>H</u>		J	K	L	M	N	0	P	Q		S	<u>T</u>
2019 weights	1000	7	135	11	97	15	12	62	796	104	40	30	63	82	132	73	51	49	60	77	15	17	<u>2</u>
Percentage change, late	test month on pre	vious month 3,5																					
2020 Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep Oct	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021 Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr May	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022 Jan Feb	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul Aug	0.2 0.2	0.6 0.1	0.5 0.4	3.0 0.0	0.1 0.5	2.2 -0.4	0.3 0.8	0.1 0.2	0.2 0.2	0.7 0.1	0.7 0.2	0.4 -0.1	0.2 0.0	-0.4 0.3	0.1 0.0	0.5 -0.3	0.0 0.3	0.4 0.4	0.3 0.2	-0.1 0.9	1.6 1.8	0.1 1.1	-2.1 -1.4
•				0.0	0.5	-0.4	0.8	0.2	0.2	0.1	0.2	-0.1	0.0	0.3	0.0	-0.3	0.3	0.4	0.2	0.9	1.0	1.1	-1.4
Percentage change, la																							
2020 Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct Nov	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021 Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun Jul	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022 Jan Feb	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
нер Mar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul	0.3	0.5	0.5	3.1	0.0	2.2	0.3	0.2	0.3	0.7	0.8	0.4	0.2	-0.5	0.1	0.6	0.0	0.3	0.2	-0.1	2.0	0.1	-2.0
Aug	0.5	0.6	0.9	2.6	0.5	1.9	1.1	0.4	0.4	0.8	0.9	0.1	0.2	-0.2	0.1	0.3	0.3	0.7	0.5	0.8	4.0	1.3	-3.6

¹ The GVA output is designated as a National Statistic.
2 Estimates cannot be regarded as accurate to the last digit shown.
3 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
4 Monthly data from the construction survey are only available from January 2010, therefore the data prior to this period are derived using statistical methods from the available quarterly data, and should therefore be treated with some caution.
5 Revisions to periods highlighted in Grey are consistent with the First estimate of GDP published on 11 November 2022

											Industry	y sections (SIC200	17)										
	Total						Water			Wholesale and retail:		Accommodation				Professional,	Administrative	Public					Activities of households
	GVA at	Agriculture,	Total			Electricity	supply,		Total	repair of		and food	Information	Financial		scientific		administration		Human health	Arts.	Other	as employers
	basic	forestry and	production	Mining &		gas, steam	sewerage		service	motor vehicles	Transport	service	and	and insurance	Real estate	and technical	service	and		and social	entertainment	service	undifferentiated
	prices	fishing	industries		Manufacturing	and air	etc	Construction	industries	and motorcycles	and storage	activities	Communication	activities	activities	activities	activities		Education		and recreation	activities	goods and services
Section	A-T	A	B-E	В	С	D	E	F	G-T	G	Н		J	K	L	M	N	0	P	Q	R	S	Т
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, la	atest 3 months on previ	ous 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 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 0.10	0.26	0.21	0.00	-0.61	0.23	0.04	-0.11	-0.02
Feb Mar	-1.05 -1.24	0.01	0.16	0.00 -0.03	0.06 -0.07	0.04 0.06	0.05 0.04	-0.03 0.06	-1.26 -1.34	-0.53 -0.47	-0.04 -0.10	-0.69 -0.45	0.01 0.05	0.39 0.33	0.10	0.25 0.18	0.20	0.04 0.05	-1.26 -1.38	0.23 0.51	0.07 0.00	-0.08 -0.25	-0.03 -0.03
Apr	-1.2 4 1.91	0.02 0.02	-0.01 -0.01	-0.03	-0.07 0.01	0.06	0.04	0.06	1.65	0.39	0.00	0.12	0.05	0.33	-0.02	0.18	0.10 0.14	0.05	-0.31	0.86	0.00	-0.25 -0.06	-0.03
May	4.51	0.02	0.11	-0.00	0.01	0.00	0.02	0.34	4.12	0.86	0.08	0.12	0.14	0.09	-0.02	0.30	0.14	0.00	0.83	1.37	0.03	-0.03	-0.02
Jun	6.46	0.02	0.09	-0.10	0.14	0.10	0.00	0.34	6.29	1.19	0.06	1.17	0.24	0.09	-0.00	0.30	0.25	0.11	1.49	1.69	0.04	0.10	0.03
Jul	5.04	0.02	0.05	-0.15	0.04	0.16	0.00	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	0.02	-0.10	0.02	-0.08	-0.08	0.02	-0.08	3.49	0.18	0.19	1.09	0.10	-0.08	-0.03	0.17	0.20	0.13	0.53	1.26	0.14	-0.09	0.03
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
2022 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	0.24	0.00	-0.02	0.01	-0.12	0.08	0.01	0.05	0.21	-0.15	0.01	0.06	0.05	0.08	0.03	0.08	0.07	0.01	0.08	-0.14	-0.02	-0.01	0.01
Aug Sep	-0.06 -0.16	0.00 0.00	-0.12 -0.19	-0.01 -0.01	-0.18 -0.20	0.08 0.04	0.00 -0.02	0.01 0.03	0.06 0.02	-0.11 -0.12	0.00 0.04	0.05 0.00	0.05 -0.02	0.07 0.06	0.01 0.00	0.01 0.02	0.02 0.01	0.03 0.05	0.10 0.10	-0.16 -0.05	-0.02 -0.01	-0.04 -0.06	0.00 -0.01
Contribution to growth, la				-0.01	-0.20	0.04	-0.02	0.03	0.02	-0.12	0.04	0.00	-0.02	0.00	0.00	0.02	0.01	0.03	0.10	-0.03	-0.01	-0.00	-0.01
Contribution to growth, ia	EDMY	EDMZ	EDNA	EDNB	EDNC	EDND	EDNE	EDNF	EDNG	EDNH	EDNI	EDNJ	EDNK	EDNL	EDNM	EDNN	EDNO	EDNP	EDNQ	EDNR	EDNS	EDNT	EDNU
2020 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	-0.02	0.60	0.10	0.07	-0.47	-9.08	-1.55	-1.06	-0.50	-0.10	-0.16	-0.04	-0.71	-0.70	-0.36	-0.03	-2.94	-0.45	-0.13	-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	3.60	0.03	-0.36	0.13	-0.48	-0.08	0.07	0.28	3.79	-0.67	0.38	0.58	0.47	0.10	-0.08	0.69	0.86	0.13	0.03	0.65	0.41	0.14	-0.02
Aug	2.93	0.02	-0.39	0.06	-0.52	0.01	0.06	0.31	3.10	-0.63	0.31	0.35	0.44	0.14	-0.07	0.64	0.79	0.13	0.05	0.35	0.36	0.11	-0.02
Sep	2.39	0.01	-0.45	-0.01	-0.55	0.06	0.06	0.33	2.60	-0.57	0.26	0.19	0.41	0.16	-0.06	0.59	0.73	0.14	0.14	0.15	0.29	0.04	-0.01
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¹ The GVA output is designated as a National Statistic.
2 Estimates cannot be regarded as accurate to the last digit shown.
3 A complete run of data is available on the ONS website.
4 Contributions are based on output GVA growth
5 Please use additional caution when aggregating individual contributions from April - September 2020, as the larger-than-usual growth rates mean that, when summed, the rounded contributions may not accurately represent the higher level contribution being calculated.

												Industry section	ns (SIC2007)										
	Total						Water			Wholesale and retail:		Accommodation				Professional.	Administrative	Public					Activities of households
	GVA at	Agriculture.	Total			Electricity	supply,		Total	repair of		and food	Information	Financial		scientific	and support a			Human health	Arts.	Other	as employers,
	basic	forestry and	production	Mining &		gas, steam	sewerage		service	motor vehicles	Transport	service	and	and insurance	Real estate	and technical	service	and		and social	entertainment	service	undifferentiated
0 "	prices	fishing	industries		Manufacturing	and air	etc F	Construction	industries	and motorcycles	and storage	activities	Communication	activities	activities	activities	activities		Education	work activities	and recreation	activities	goods and services
Section 2019 weights	A-T 1000	A	B-E 137	B	C 99	D 15	<u>⊢</u> 12	<u>⊢</u> 64	G-T 792	105	H 40	29	62	IX	131	M 74	N 51	O 48	<u> </u>	Q 76	16	S	1
· ·		•	137		33	13	12	04	732	103	40	25	02	62	131	,,	31	40	33	70	10		
Contributon to growth, la	atest month on prev	ious 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 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			0.08	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		-0.02	-0.01	0.01	-0.01	-0.19	-0.02	-0.10	-0.21	-0.01
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			0.36	0.27	0.02	-0.19	0.00	0.15	0.30	-0.01
2021 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			-0.29	-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			0.19	0.00	0.02	-0.09	0.14	0.00	0.00	-0.01
Mar Apr	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			0.36 -0.13	0.24	0.01	0.72	0.55	-0.02	-0.03	-0.02
. 4	3.20	0.00 0.01	-0.08	-0.11	0.02	0.06	-0.02	0.08	3.31 1.24	0.86	0.05	0.59	0.30				-0.01	0.08 0.07	0.84 0.18	0.56 0.76	0.08	0.30	0.02
May	1.42		0.23	0.03	0.06	0.13	0.00	-0.04	1.24	-0.04	-0.05	0.64	-0.04			0.01	0.08 0.11		0.18		0.08	-0.24	0.02
Jun	1.04	0.01	-0.26	-0.05	-0.09	-0.13	0.03	-0.06		0.06	0.13	0.31	-0.02			0.29		0.02		0.51	0.00	-0.06	0.0
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			-0.14	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	0.79	-0.05	0.06	0.33	0.04			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		0.00	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			-0.17	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			0.18	0.12	0.06	0.17	0.23	0.06	0.03	0.0
Dec 2022 .lan	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			0.03	0.04	0.02	0.00	0.36	-0.02	0.00	0.0
LULL UGIII	0.23	0.00	-0.06	0.04	-0.13	0.03 0.00	0.01	0.08	0.22 0.13	0.09	0.01	0.14	0.18 0.10			0.06 0.17	0.05 0.19	0.01	-0.02 -0.02	-0.42 -0.41	0.06 0.04	0.04	0.00 -0.01
Feb	0.08	0.00	-0.04	0.00	-0.04		0.00	0.00		-0.12	-0.01	0.21						0.01				-0.03	-0.01 -0.01
Mar	0.12	0.00	0.00	0.01 -0.02	0.00	-0.02 0.03	0.01 0.03	0.08	0.03 0.06	-0.10 0.06	0.04 -0.02	0.02 0.01	-0.09 0.05		0.01 0.02	0.17	-0.06	0.00 0.00	-0.01 0.05	0.03 -0.21	0.01	0.02 0.00	-0.0 0.0
Apr May	0.02 0.44	0.00 0.00	-0.03 0.05	0.02	-0.07 0.01	0.03	-0.03	-0.01 0.05	0.06	-0.12	0.02	0.01	0.05			-0.11 0.15	0.10 0.09	0.00	0.05	0.09	0.04 -0.07	0.00	0.00
•	-0.55	0.00	-0.04	-0.01	-0.07	0.04	0.01	-0.04	-0.47	-0.12	-0.05	0.00	-0.07			-0.09	-0.14	0.00	0.01	-0.15	0.00	-0.01	0.00
Jun Jul	0.33	0.00	-0.04	0.04	-0.07	0.04	-0.03	0.04	0.41	0.04	0.05	0.07	0.04			0.03	0.09	0.00	0.02	0.02	0.00	-0.01	-0.01
Aug	-0.10	0.00	-0.08	-0.07	-0.10	-0.02	0.03	0.01	0.41	0.04	0.00	-0.06	0.04		0.01	0.03	0.09	0.02	0.03	-0.04	-0.05	-0.03	-0.01 -0.01
Sep	-0.10	0.00	0.03	0.07	0.00	0.02	0.00	0.04	-0.69	-0.19	-0.03	-0.02	-0.22			-0.14	-0.13	0.03	-0.04	0.04	-0.03	0.04	0.00
Contribution to growth,	. latest month on sa	me month a vea	r ago																				
,	EDLE	EDLF	EDLG	EDLH	EDLI	EDLJ	EDLK	EDLL	EDLM	EDLN	EDLO	EDLP	EDLQ	EDLR	EDLS	EDLT	EDLU	EDLV	EDLW	EDLX	EDLY	EDLZ	EDMA
	EDLE	EDLF	EDLG	ENTH	EDLI	EDLJ	EDLK	EDLL	EDLIN	EDLN	EDLO	EDLP	EDLQ	EDLK	EDES	EDLI	EDLU	EDLV	EDLVV	EDLX	EDLT	EDLZ	EDIVIA
2020 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		-0.02	-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			-0.60	-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			-0.57	-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			-0.26	-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		0.14	-0.47	-0.90	-0.19	-1.76	-4.38	-0.44	-0.41	-0.00
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			-0.17	-0.91	-0.15	-1.59	-4.26	-0.43	-0.43	-0.00
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		-0.12	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			1.50	1.61	-0.08	3.98	3.99	0.49	0.55	0.0
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		0.03	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		0.08	1.27	0.95	0.11	3.22	4.35	0.49	0.07	0.0
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			0.95	0.67	0.20	1.55	3.31	0.30	-0.48	0.0
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		0.01	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			0.97	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			0.70	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			0.92	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			0.58	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			0.97	1.08	0.34	1.69	3.44	0.57	0.18	0.00
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			0.97	1.28	0.32	1.74	2.84	0.60	0.15	0.0
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		-0.16	0.78	0.95	0.31	1.01	2.34	0.63	0.19	0.0
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			0.76	1.03	0.22	0.26	1.58	0.57	-0.12	-0.0
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			0.90	1.03	0.15	0.10	1.00	0.41	0.13	-0.03
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			0.51	0.76	0.13	-0.06	0.40	0.41	0.18	-0.03
Jul	3.40	0.02	-0.36	0.10	-0.50	0.02	0.04	0.29	3.57	-0.58	0.32	0.47	0.43		-0.04	0.68	0.80	0.12	0.05	0.54	0.41	0.12	-0.02
Aug	2.50	0.01 0.01	-0.58	-0.09	-0.60	0.06	0.06	0.37	2.82	-0.52	0.28	0.08	0.44		-0.05	0.74	0.82	0.14	0.16	0.13	0.27	0.04	0.00
Sep	1.27	0.01	-0.41	-0.04	-0.55	0.11	0.08	0.33	1.41	-0.61	0.16	0.03	0.37	0.14	-0.08	0.35	0.55	0.15	0.20	-0.20	0.20	-0.02	0.00

<sup>The GVA output is designated as a National Statistic.

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

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

Contributions are based on output GVA growth

Please use additional caution when aggregating individual contributions from April - September 2020, as the larger-than-usual growth rates mean that, when summed, the rounded contributions may not accurately represent the higher level contribution being calculated.</sup>