

Statistical bulletin

Index of Services, UK: August 2023

Movements in the volume of output for the UK services industries. Figures are seasonally adjusted.



Contact:
John Allcoat
ios.enquiries@ons.gov.uk
+44 1633 456616

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1 . Main points

- Monthly services output is estimated to have increased by 0.4% in August 2023; this follows a decrease of 0.6% in July 2023 (revised downwards by 0.1 percentage points).
- The Index of Services (IoS) saw monthly increases in 11 of the 14 sectors in August 2023; the largest contributing sectors to the monthly growth in August 2023 were "professional scientific and technical activities" (1.2%) and "education" (1.6%).
- The monthly August 2023 rise was partially offset by falls in both "arts, entertainment and recreation" and "other service activities", which saw decreases of 7.5% and 2.9%, respectively.
- Looking at the longer-term, services output is estimated to have grown 0.1% for the three months to August 2023 compared with the three months to May 2023; the largest positive sector contributions to growths came from "wholesale and retail trade" (0.6%) and "information and communication" (0.6%).
- The increase in the three months to August 2023 was partially offset by decreases in "real estate activities" (negative 0.4%) and "professional and scientific and technical activities" (negative 0.5%).
- This release provides data for August 2023 for the first time; in line with the [National Accounts revision policy](#), this release also incorporates revisions to monthly data from January 1997 to June 2023 as published in our [Gross domestic product \(GDP\) quarterly national accounts bulletin](#) on 29 September 2023; July 2023 is also open to revision for the first time.
- Further analysis of the effect on our monthly IoS estimate is available in our [GDP monthly estimate, UK: August 2023 bulletin](#), published 12 October 2023.

2 . Index of Services data

[Index of Services time series](#)

Dataset | Dataset ID: IOS1 | Released 12 October 2023

Monthly movements in output for the services industries: distribution, hotels and restaurants; transport, storage and communication; business services and finance; and government and other services.

[Monthly Business Survey turnover of services industries](#)

Dataset | Released 12 October 2023

Monthly Business Survey services industries' total turnover – current price and non-seasonally adjusted, UK.

[Index of Services, main components and sectors to four decimal places](#)

Dataset | Released 12 October 2023

Monthly historical movements in output for services and their industry components, by chained volume indices of gross value added, UK.

[Index of Services revisions triangles](#)

Dataset | Released 12 October 2023

Monthly chained volume indices in gross value added for services and its main components.

For all data related to the Index of Services, see our [Related data page](#).

3 . Measuring the data

Data sources and collection

The Index of Services (IoS) is compiled using data from several different sources (share of overall economy based on latest gross value added (GVA) weights):

- Office for National Statistics (ONS) Monthly Business Survey (34.1%)
- ONS Retail Sales Inquiry (4.9%)
- ONS Government Expenditure (14.8%)
- ONS Households' Expenditure (11.5%)
- ONS Finance Expenditure (5.7%)
- ONS non-profit institutions serving households (1.9%)
- Other (4.4%)

The Monthly Business Survey (MBS) data are published alongside this release in our [MBS turnover of services industries dataset](#).

Data relating to the retail industry are broadly comparable with our [Retail sales, Great Britain: August 2023 bulletin](#), published on 22 September 2023.

For further information on what is included within Other, please see the [Gross domestic product by output \(GDP\(o\)\) data sources catalogue](#).

The percentage of each data source is based on their gross value-added weight. The [GDP\(o\) methods and sources pages](#) provide more information on the data that underpin these statistics; of particular note is the GDP (o) data sources catalogue.

From February 2018, Value Added Tax (VAT) data have also been included across 64 production industries for small and medium-sized businesses. For more information, see our [VAT turnover data in National Accounts: background and methodology](#).

Quality and methodology

More quality and methodology information on strengths, limitations, appropriate uses, and how the data were created is available in the [Index of Services QMI](#).

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

There was an additional bank holiday for the coronation of King Charles III on Monday 8 May 2023. While adjustments are made for regular calendar effects, there was no explicit adjustment for this event. However, the timing of the bank holiday indirectly affects the number of trading days, which could affect GDP estimates positively or negatively, depending on the sector. This should be taken into account when interpreting monthly, and three-month movements over recent months since May 2023.

Revisions to the Index of Services

In line with the [National Accounts revision policy](#), this release provides data for August 2023 for the first time, with revisions open for all other periods.

These revisions are consistent with the quarterly national accounts release that was published on 29 September 2023, and incorporates improved source data, updated seasonal adjustment parameters, and additional updated data as happens in all quarterly national accounts releases. This includes new VAT turnover data for Quarter 4 (Oct to Dec) 2022 and Quarter 1 (Jan to Mar) 2023.

For further information on the updates to monthly GDP methods and data sources in Blue Book 2023, see Section 10: Measuring the data in our [GDP monthly estimate, UK: August 2023 bulletin](#).

Office for Statistics Regulation review of GDP

The Office for Statistics Regulation (OSR) completed a [review](#) of the practices around the preparation and release of information about revisions to estimates of GDP in our [Impact of Blue Book 2023 article](#) released on 1 September 2023. This covers:

- processes and quality assurance in making revisions to GDP
- potential improvements to early estimates of GDP enabled through enhanced access to data

It also covers communication of:

- revisions to GDP
- the story behind the most recent set of revisions in particular
- uncertainty in early estimates of GDP

4 . Related links

[GDP monthly estimate, UK: August 2023](#)

Bulletin | Released 12 October 2023

Gross domestic product (GDP) measures the value of goods and services produced in the UK. It estimates the size of and growth in the economy and includes the Index of Production (IoP), Index of Services (IoS) and construction output in Great Britain.

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

Bulletin | Released 12 October 2023

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

[Producer price inflation, UK: August 2023](#)

Bulletin | Released 20 September 2023

Changes in the prices of goods bought and sold by UK manufacturers including price indices of materials and fuels purchased (input prices) and factory gate prices (output prices).

5 . Cite this statistical bulletin

Office for National Statistics (ONS), released 12 October 2023, ONS website, statistical bulletin, [Index of Services, UK: August 2023](#)

		Industry sections (SIC2007)				
		Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services
Section		G-T	G and I	H and J	K-N	O-T
2019 weights		1000	167	130	428	275
		S2KU	S2MV	KI7B	KI7L	KI7T
2018		98.3	100.1	93.7	99.2	97.9
2019		100	100	100	100	100
2020		88.1	79.4	91.2	96.3	79.3
2021		97.7	96.1	99	101.3	92.7
2022		103.3	101.1	107.7	103.9	101.4
2022	Q2	103.2	101.9	107.1	104	101
	Q3	103.3	100.4	108.4	104.4	100.9
	Q4	103.5	100.5	108.5	104.6	101.1
2023	Q1	103.8	100.4	109.4	104.8	101.7
	Q2	103.8	100.8	109.6	104.4	102.1
2022	Jun	102.9	101.2	106.8	104.1	100.2
	Jul	103.4	101.3	108.1	104.4	100.8
	Aug	103.6	100.9	109.3	104.7	100.8
	Sep	102.9	99.1	107.8	104	101.1
	Oct	103.6	100.7	108.5	104.5	101.5
	Nov	103.7	100.7	108.9	104.5	101.7
	Dec	103.1	100	108.2	104.7	100.2
2023	Jan	104	101	110.2	104.8	101.6
	Feb	104	100.8	109.8	105	101.6
	Mar	103.5	99.5	108.1	104.7	101.8
	Apr	103.8	100.8	109.3	104.7	101.5
	May	103.7	100.3	109.3	104.2	102.2
	Jun	104	101.2	110.2	104.2	102.6
	Jul	103.4	100.5	108.1	104	101.9
	Aug	103.8	101.1	109	104.6	101.7
Percentage change, latest year on previous year						
		S222	S243	KI77	KI7G	KI7O
2018		1.3	-1.3	7.4	0.5	1.4
2019		1.8	-0.1	6.7	0.8	2.1
2020		-11.9	-20.6	-8.8	-3.7	-20.7
2021		10.9	21.1	8.4	5.2	16.9
2022		5.6	5.2	8.8	2.6	9.5
Percentage change, latest month on same month a year ago						
		S26Q	S28R	KI7A	KI7I	KI7Q
2022	Jun	2.9	-2	7.3	1.9	5.6
	Jul	3.8	-1	7.9	3.2	5.9
	Aug	2.8	-3.9	8.1	3.3	3.9
	Sep	1.2	-5.8	7.1	1.8	2
	Oct	1.4	-2.8	5.6	2.6	0.1
	Nov	0.9	-1.5	5.2	1.7	-0.9
	Dec	1.1	2	4.8	1.9	-2.4
2023	Jan	1.4	0.4	3.5	2.3	-0.6
	Feb	0.7	-1.5	2.1	2.2	-1
	Mar	0.1	-2.2	1.4	1.5	-1.3
	Apr	0.7	-1.8	2.5	1.2	0.4
	May	-0.1	-1.5	1.5	-0.3	0.5
	Jun	1.1	-0.1	3.1	0.1	2.4
	Jul	0	-0.7	0	-0.3	1.1
	Aug	0.2	0.1	-0.2	-0.1	0.9

1 The IOS 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 as a

[Time series dataset](#)

Sources: For further information on these data please telephone 01633 456387; fax 01633 455300 or e-mail ios.enquiries@ons.gov.uk

continued

		Industry sections (SIC2007)				
		Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services
Section		G-T	G and I	H and J	K-N	O-T
2019 weights		1000	167	130	428	275
Percentage change, latest month on previous month						
		S222	S243	KI77	KI7G	KI7O
2022	Jun	-0.8	-0.6	-0.9	-0.5	-1.5
	Jul	0.5	0	1.2	0.3	0.6
	Aug	0.2	-0.3	1	0.3	0
	Sep	-0.7	-1.9	-1.3	-0.7	0.3
	Oct	0.7	1.6	0.6	0.5	0.5
	Nov	0.1	0	0.4	0	0.1
	Dec	-0.5	-0.7	-0.7	0.2	-1.5
2023	Jan	0.8	1	1.9	0.1	1.4
	Feb	0	-0.2	-0.4	0.2	0
	Mar	-0.5	-1.3	-1.6	-0.3	0.1
	Apr	0.3	1.4	1.1	-0.1	-0.2
	May	-0.1	-0.5	0.1	-0.4	0.6
	Jun	0.3	0.9	0.8	0	0.4
	Jul	-0.6	-0.6	-1.9	-0.1	-0.7
	Aug	0.4	0.5	0.8	0.5	-0.2
Percentage change, latest 3 months on same 3 months a year ago						
		S2G6	S2I7	KI7C	KI7J	KI7R
2022	Jun	5.1	2.6	8.3	2.6	9.5
	Jul	4.1	-0.6	8.2	-2.9	7.1
	Aug	3.2	-2.3	7.8	2.8	5.1
	Sep	2.6	-3.6	7.7	2.8	3.9
	Oct	1.8	-4.2	6.9	2.6	1.9
	Nov	1.2	-3.4	6	2	0.4
	Dec	1.1	-0.8	5.2	2.1	-1.1
2023	Jan	1.1	0.3	4.5	2	-1.3
	Feb	1.1	0.3	3.5	2.1	-1.3
	Mar	0.7	-1.1	2.4	2	-1
	Apr	0.5	-1.8	2	1.6	-0.6
	May	0.2	-1.9	1.8	0.8	-0.2
	Jun	0.6	-1.1	2.4	0.3	1.1
	Jul	0.3	-0.8	1.5	-0.2	1.3
	Aug	0.4	-0.2	1	-0.1	1.4
Percentage change, latest 3 months on previous 3 months						
		S2BG	S2DH	KI7D	KI7K	KI7S
2022	Jun	0.2	0.4	0.2	1.2	-1.6
	Jul	0.1	-0.8	0.6	1.1	-1.4
	Aug	-0.1	-0.9	1	0.6	-1.4
	Sep	0	-1.5	1.2	0.3	-0.1
	Oct	0	-1.2	0.9	0.1	0.2
	Nov	0.1	-1	0.3	0	0.8
	Dec	0.2	0	0.1	0.2	0.2
2023	Jan	0.2	0.3	0.5	0.3	0
	Feb	0.3	0.4	0.9	0.5	-0.3
	Mar	0.3	-0.1	0.8	0.2	0.5
	Apr	0.1	-0.2	0	0.1	0.5
	May	-0.1	-0.4	-0.4	-0.3	0.7
	Jun	0	0.4	0.2	-0.5	0.4
	Jul	-0.1	0.3	0.2	-0.6	0.6
	Aug	0.1	0.7	0.2	-0.3	0.2

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