Index of Services, UK: July 2023

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

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Release date:
13 September 2023

Next release:
12 October 2023

Notice

13 September 2023

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

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1 . Main points

- Monthly services output is estimated to have decreased by 0.5% in July 2023; this follows an unrevised growth of 0.2% in June 2023.

- The Index of Services (IoS) saw monthly decreases in 9 of the 14 sectors; the largest negative contributing sector to the monthly fall in July 2023 was "information and communication" which fell by 2.1%.

- "Human health and social work activities" fell by 2.1% and "education" by 1.1%, contributing to the monthly fall, with both sectors being affected by industrial action in July 2023, but it is not possible to quantify to what extent this affected data; these falls were partially offset by a rise in "arts, entertainment and recreation" of 6.6%.

- Services output grew 0.1% for the three months to July 2023 compared with the three months to April 2023 with the largest positive contributions coming from "arts, entertainment and recreation" and "information and communication" which rose by 4.4% and 0.8% respectively; these were partially offset by falls in "real estate activities", "professional and scientific and technical activities" and "administrative and support service activities" which fell by 0.4%, 0.6% and 0.7% respectively.

2 . Index of Services data

Index of Services time series
Dataset | Dataset ID: IOS1 | Released 13 September 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 13 September 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 13 September 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 13 September 2023
Monthly chained volume indices in gross value added for services and its main components.

All data related to the Index of Services are available on theRelated data page.

3 . Measuring the data

Data sources and collection

The Index of Services (IoS) is compiled using data from several different sources:

- Office for National Statistics (ONS) Monthly Business Survey (44.4%)

- ONS Retail Sales Inquiry (6.4%)

- ONS Government Expenditure (20.1%)

- ONS Households' Expenditure (15.3%)

- ONS Finance Expenditure (7.8%)

- Other (5.9%)

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: July 2023 bulletin, published on 18 August 2023.

For further information on what is included within Other, please see our GDP(o) data sources catalogue dataset.

The percentage of each data source is based on their gross value-added weight. Our 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 IoS

In line with the National Accounts revision policy, this release gives data for July 2023 for the first time with no other periods open for revision.

The next monthly IoS release will be published on 12 October 2023, and we are open for revisions for all periods. These revisions will be consistent with the quarterly national accounts release that will be published on 29 September 2023, and they will incorporate improved source data, updated seasonal adjustment parameters, and additional updated data as would happen in all quarterly national accounts releases. This includes new Value Added Tax (VAT) turnover data for Quarter 4 (Oct to Dec) 2022 and Quarter 1 (Jan to Mar) 2023.

Office for Statistics Regulation (OSR) review of GDP

The OSR will shortly be completing a review of the practices around the preparation and release of information about revisions to estimates of GDP in our Impact of Blue Book 2023 article released on 1 September 2023. This will cover the processes and quality assurance in making revisions to GDP and potential improvements to early estimates of GDP enabled through enhanced access to data. It will also cover the 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: July 2023
Bulletin | Released 13 September 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: July 2023
Bulletin | Released 13 September 2023
Movements in the volume of production for the UK production industries: manufacturing, mining and quarrying, energy supply, and water and waste management. Figures are seasonally adjusted.

Producer price inflation, UK July 2023
Bulletin | Released 16 August 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 13 September 2023, ONS website, statistical bulletin, Index of Services, UK: July 2023

IOS1

IOS: Index of Services [1]
Chained volume indices of gross value added [2,3,4]

seasonally adjusted 2019 = 100

		Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Govern- ment and other services
				Industry sections (SIC2007)		
Section		G-T	G and I	H and J	K-N	O-T
2019 weights		**1000**	**169**	**129**	**426**	**276**
		S2KU	S2MV	KI7B	KI7L	KI7T
2018		98.5	99.5	94	100.1	97.7
2019		100	100	100	100	100
2020		87.6	76.7	87.5	96.8	80.2
2021		93.7	83.4	94	101.5	88.4
2022		98.9	87.8	103.3	104.5	94.9
2022	Q2	98.9	88.2	103	104.7	94.6
	Q3	99.1	87.5	104.1	104.7	95.1
	Q4	99.1	87.7	103.9	105	94.8
2023	Q1	99.3	87.9	104.3	105.5	94.3
	Q2	99.4	88.3	104.9	105	94.6
2022	May	99.4	88.3	103.5	105.3	95.3
	Jun	98.8	88.1	102.9	104.6	94.5
	Jul	99.3	88.4	104	104.8	95.2
	Aug	99.4	87.7	105.3	105	95.3
	Sep	98.5	86.3	102.9	104.2	94.9
	Oct	99.2	87.7	103.2	104.7	95.8
	Nov	99.5	87.9	104.8	104.9	95.4
	Dec	98.7	87.7	103.7	105.4	93.2
2023	Jan	99.5	88.3	104.8	105.3	94.7
	Feb	99.4	88.1	104.6	105.7	94.1
	Mar	98.9	87.2	103.6	105.5	94.1
	Apr	99.3	88.3	104.6	105	93.9
	May	99.3	87.8	104.7	105	95
	Jun	99.5	88.9	105.5	105	94.9
	Jul	99	88.3	103.5	104.8	94.3
Percentage change, latest year on previous year						
		S222	S243	KI77	KI7G	KI7O
2018		1.7	-1	9.4	0.4	1.7
2019		1.5	0.5	6.4	-0.1	2.4
2020		-12.4	-23.3	-12.5	-3.2	-19.8
2021		7	8.7	7.4	4.8	10.3
2022		5.5	5.3	10	3	7.4
Percentage change, latest month on same month a year ago						
		S26Q	S28R	KI7A	KI7I	KI7Q
2022	May	6	2.4	11.9	4.7	7.4
	Jun	3.7	-0.6	10.1	3	4.2
	Jul	4.4	0.1	9.8	3.6	5.3
	Aug	3.5	-2.9	10.5	3.6	3.7
	Sep	1.6	-4.5	8.6	1.4	1.5
	Oct	2	-2.1	6.2	2.1	1.6
	Nov	1.1	-1	6.4	1.1	-0.8
	Dec	0.3	2.2	4.7	1.2	-4.4
2023	Jan	0.9	0.8	2.9	1.8	-1.3
	Feb	0.8	-0.3	1.7	1.6	-0.6
	Mar	0.4	-0.3	1.2	1.4	-0.8
	Apr	0.7	-0.1	2	0.8	0.1
	May	-0.1	-0.6	1.1	-0.3	-0.3
	Jun	0.7	0.9	2.5	0.4	0.4
	Jul	-0.3	-0.2	-0.5	-0.1	-1

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

IOS: Index of Services [1]
Chained volume indices of gross value added [2,3,4]

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			Industry sections (SIC2007)		
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Section		G-T	G and I	H and J	K-N	O-T
2019 weights		**1000**	**169**	**129**	**426**	**276**

Percentage change, latest month on previous month

		S222	S243	KI77	KI7G	KI7O
2022	May	0.8	0	1	1	1.6
	Jun	-0.5	-0.3	-0.6	-0.7	-0.8
	Jul	0.4	0.4	1.2	0.2	0.7
	Aug	0.2	-0.9	1.2	0.2	0.1
	Sep	-0.9	-1.5	-2.3	-0.7	-0.4
	Oct	0.7	1.6	0.3	0.4	0.9
	Nov	0.2	0.2	1.6	0.2	-0.4
	Dec	-0.8	-0.3	-1.1	0.5	-2.3
2023	Jan	0.8	0.7	1.1	-0.1	1.5
	Feb	-0.1	-0.2	-0.2	0.3	-0.6
	Mar	-0.4	-1	-1	-0.2	0.1
	Apr	0.3	1.2	1	-0.4	-0.2
	May	0	-0.6	0.1	0	1.1
	Jun	0.2	1.3	0.7	0	-0.1
	Jul	-0.5	-0.7	-1.8	-0.2	-0.6

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

		S2G6	S2I7	KI7C	KI7J	KI7R
2022	May	7.9	9.9	11.8	3.8	11.5
	Jun	5.5	3.2	10.7	3.8	6.8
	Jul	4.7	0.6	10.6	3.8	5.6
	Aug	3.9	-1.2	10.1	3.4	4.4
	Sep	3.2	-2.5	9.7	2.9	3.5
	Oct	2.4	-3.2	8.4	2.3	2.2
	Nov	1.6	-2.6	7	1.5	0.7
	Dec	1.1	-0.4	5.7	1.5	-1.2
2023	Jan	0.8	0.7	4.6	1.4	-2.2
	Feb	0.7	0.9	3.1	1.6	-2.1
	Mar	0.7	0.1	1.9	1.6	-0.9
	Apr	0.7	-0.2	1.6	1.3	-0.4
	May	0.4	-0.3	1.4	0.6	-0.3
	Jun	0.5	0.1	1.9	0.3	0
	Jul	0.1	0	1	0	-0.3

Percentage change, latest 3 months on previous 3 months

		S2BG	S2DH	KI7D	KI7K	KI7S
2022	May	0.3	0.9	1.5	0.7	-1.4
	Jun	0.4	0.5	0.6	0.9	-0.6
	Jul	0.6	0.3	0.8	0.8	0.6
	Aug	0.4	0.1	1.2	0.3	0.4
	Sep	0.2	-0.9	1.1	0	0.6
	Oct	-0.1	-1.2	0.3	-0.3	0.3
	Nov	-0.1	-0.9	-0.4	-0.2	0.4
	Dec	0.1	0.3	-0.2	0.3	-0.4
2023	Jan	0.1	0.8	0.6	0.5	-0.9
	Feb	0.1	0.8	0.7	0.8	-1.4
	Mar	0.1	0.1	0.4	0.5	-0.5
	Apr	0	-0.1	-0.2	0.2	-0.4
	May	0	-0.3	-0.1	-0.3	0.4
	Jun	0.1	0.5	0.6	-0.5	0.3
	Jul	0.1	0.5	0.3	-0.4	0.7