Office for
National Statistics

Statistical bulletin

Index of Services, UK: May 2023

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

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13 July 2023

Next release:
11 August 2023

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1 . Main points

- Monthly services output is estimated to have been flat (0.0%) in May 2023; this follows an unrevised increase of 0.3% in April 2023.

- The Index of Services (IoS) saw monthly increases in 7 of the 14 sectors, with the largest contribution being in human health and social work activities (1.1%), primarily because of decreased industrial action in May 2023 compared with April 2023; this was offset by negative contributions in wholesale and retail trade (negative 0.5%) and administrative and support service activities (negative 0.7%).

- The IoS is 0.2% below February 2020, which was the last month of "normal" trading conditions prior to the coronavirus (COVID-19) pandemic. Currently, 8 of the 14 services sectors are above their February 2020 pre-coronavirus pandemic level.

- Like the monthly growth rate, services output is estimated to have been flat (0.0%) for the three months to May 2023, compared with the three months to February 2023.

- The main positive contributing sector over the three months to May 2023 was arts, entertainment and recreation (4.7%); this was offset by falls in wholesale and retail trade (negative 0.7%) and professional, scientific and technical activities (negative 0.5%).

- There was no explicit adjustment for the additional bank holiday held for the coronation of King Charles III on 8 May 2023 because this was an ad hoc event (non-regular calendar event); the timing of the bank holiday affects the number of trading days in May 2023, which could affect IoS monthly estimates.

- For further and detailed analysis of the effect on our monthly IoS estimate, please see our GDP monthly estimate, UK: May 2023 article, published on 13 July 2023.

2 . Index of Services data

Index of Services time series
Dataset | Dataset ID: IOS1 | Released 13 July 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 July 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 July 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 July 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 the Related 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: May 2023 bulletin, published on 23 June 2023.

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

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, particularly 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 our Index of Services QMI.

Revisions to IoS

In line with the National Accounts revision policy, this release gives data for May 2023 for the first time, with April 2023 also open for revisions. We have also included revisions to monthly data from January 2023 to March 2023 in our GDP quarterly national accounts, UK: January to March 2023.

4 . Related links

GDP monthly estimate, UK: May 2023
Bulletin | Released 13 July 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: May 2023
Bulletin | Released 13 July 2023
Movements in the volume of production for the UK production industries: manufacturing, mining and quarrying, energy supply, and water and waste management. Figures are seasonally adjusted.

Producer price inflation, UK: May 2023
Bulletin | Released 21 June 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 July 2023, ONS website, statistical bulletin, Index of Services, UK: May 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	Q1	98.5	87.8	102.4	103.8	95.1
	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
2022	Mar	98.5	87.4	102.4	104	94.9
	Apr	98.5	88.3	102.5	104.2	93.9
	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	99.2	88.3	104.5	105.6	94
	May	99.2	87.5	104.7	105	94.7
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	Mar	11	21	13.6	2.9	18.9
	Apr	6.7	8.1	10.1	3.7	8.9
	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	1.9	1.3	0.2
	May	-0.1	-0.9	1.1	-0.3	-0.7

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]
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		Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Govern- ment and other services
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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	Mar	0	-1.1	-0.5	0	0.2
	Apr	0	1	0.1	0.2	-1.1
	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	0.9	0.1	-0.1
	May	0	-0.8	0.2	-0.6	0.7

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

		S2G6	S2I7	KI7C	KI7J	KI7R
2022	Mar	13.1	25.2	14.1	4.1	23.3
	Apr	10.5	17.9	13	3.8	17.3
	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	1.5	-0.4
	May	0.3	-0.4	1.4	0.8	-0.4

Percentage change, latest 3 months on previous 3 months

		S2BG	S2DH	KI7D	KI7K	KI7S
2022	Mar	0.5	-0.3	4.1	0.3	-0.9
	Apr	0.1	0.8	2.8	0.3	-2.1
	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	0.4	-0.4
	May	0	-0.4	-0.1	-0.1	0.3

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