

Statistical bulletin

# Index of Services, UK: December 2023

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



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# 1 . Main points

- Services output growth in Quarter 4 (Oct to Dec) 2023 was estimated to have fallen 0.2% when compared with Quarter 3 (July to Sept) 2023; this follows a fall of 0.2% in Quarter 3 2023.
- The main negative contributing sectors in Quarter 4 2023 were “wholesale and retail trade; repair of motor vehicles and motorcycles” (down 0.6%), and “education” (down 0.8%).
- The main positive contributing sectors in Quarter 4 2023 were “administrative and support services” (0.6%), and “human health and social work activities” (0.2%).
- We estimate that monthly services output decreased by 0.1% in December 2023; this follows an increase of 0.2% in November 2023 (revised downward by 0.2 percentage points).
- The Index of Services (IoS) saw monthly falls in 8 of the 14 sectors in December 2023, with “wholesale and retail trade; repair of motor vehicles and motorcycles” (down 1.9%) the main negative contributor, and a smaller negative contribution from “human health and social work activities” (down 0.9%), which was affected by industrial action.
- This monthly fall in December 2023 was partially offset by growth in “professional, scientific and technical activities” (1.7%), and “arts, entertainment and recreation” (2.9%).
- Services output growth in 2023 is estimated to have grown by 0.3%, this follows an increase of 5.6% in 2022.
- For further and detailed analysis of the effect on our monthly IoS estimate, please see our [Gross domestic product \(GDP\) monthly estimate, UK: December 2023 bulletin](#), published 15 February 2024.

## 2 . Index of Services data

### [Index of Services time series](#)

Dataset | Dataset ID: IOS1 | Released 15 February 2024

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 15 February 2024

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 15 February 2024

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 15 February 2024

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 our [Related data page](#).

## 3 . Measuring the data

## Response rates for December 2023

For December 2023, the response rates were 70.3% based on forms returned, and this accounted for 80.9% of total turnover coverage of the sample population. For further information, see our [Current and historical Monthly Business Survey \(services\) response rates dataset](#).

## 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 Households and 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: December 2023 bulletin](#), published on 19 January 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; 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 our [Index of Services QMI](#).

## Revisions to IoS

In line with the [National Accounts revision policy](#), this release gives data for December 2023 for the first time, with January 2023 to November 2023 also open for revision.

## 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
- communication of revisions to GDP and the story behind the most recent set of revisions, particularly uncertainty in early estimates of GDP

We published a [response to the OSR review into GDP](#) in January 2024, which was [positively received by the OSR](#).

## 4 . Related Links

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

Bulletin | Released 15 February 2024

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.

### [GDP first quarterly estimate, UK: October to December 2023](#)

Bulletin | Released 15 February 2024

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

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

Bulletin | Released 15 February 2024

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: January 2024](#)

Bulletin | Released 14 February 2024

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 15 February 2024, ONS website, statistical bulletin, [Index of Services, UK: December 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
<b>2019 weights</b>		<b>1000</b>	<b>167</b>	<b>130</b>	<b>428</b>	<b>275</b>
		S2KU	S2MV	KI7B	KI7L	KI7T
2019		100.0	100.0	100.0	100.0	100.0
2020		88.1	79.4	91.2	96.3	79.3
2021		97.7	96.1	99.0	101.3	92.7
2022		103.2	101.0	107.3	104.0	101.4
2023		103.6	99.3	107.9	104.7	102.4
2022	Q4	103.5	100.5	108.2	104.8	101.3
2023	Q1	103.8	99.6	109.4	105.1	101.8
	Q2	103.7	99.5	108.6	104.6	102.4
	Q3	103.5	99.3	106.8	104.4	102.9
	Q4	103.3	98.8	106.6	104.5	102.6
2022	Oct	103.7	100.8	108.3	104.8	101.7
	Nov	103.7	100.7	108.5	104.7	101.8
	Dec	103.1	99.9	107.7	104.9	100.2
2023	Jan	104.0	100.4	110.8	104.9	101.6
	Feb	104.0	100.1	109.5	105.2	101.7
	Mar	103.5	98.5	108.0	105.0	102.0
	Apr	103.7	99.7	108.4	104.9	101.9
	May	103.6	99.1	108.4	104.5	102.5
	Jun	103.8	99.8	108.9	104.5	103.0
	Jul	103.4	99.4	106.7	104.4	102.6
	Aug	103.5	99.4	106.9	104.6	102.8
	Sep	103.5	99.0	106.9	104.3	103.4
	Oct	103.2	99.0	106.0	104.3	102.6
	Nov	103.4	99.3	106.8	104.4	102.8
	Dec	103.3	98.0	107.1	104.8	102.3
Percentage change, latest year on previous year		S222	S243	KI77	KI7G	KI7O
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	5.1	8.5	2.7	9.4
2023		0.3	-1.7	0.5	0.7	1.0
Percentage change, latest month on same month a year ago		S26Q	S28R	KI7A	KI7I	KI7Q
2022	Oct	1.5	-2.7	5.4	2.8	0.2
	Nov	1.0	-1.4	4.9	1.9	-0.8
	Dec	1.1	1.9	4.4	2.1	-2.3
2023	Jan	1.5	-0.1	4.3	2.4	-0.4
	Feb	0.7	-2.1	2.0	2.3	-0.8
	Mar	0.1	-3.2	1.5	1.7	-1.0
	Apr	0.6	-2.9	2.2	1.4	0.8
	May	-0.1	-2.6	1.2	-0.1	0.8
	Jun	1.1	-1.3	2.7	0.4	2.8
	Jul	0.2	-1.6	-1.5	0.2	2.0
	Aug	0.1	-1.3	-1.5	0.0	2.0
	Sep	0.6	-0.2	-0.5	0.3	2.2
	Oct	-0.5	-1.8	-2.1	-0.4	0.9
	Nov	-0.3	-1.4	-1.6	-0.3	0.9
	Dec	0.1	-1.9	-0.6	0.0	2.1

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](mailto:ios.enquiries@ons.gov.uk)

Section	Industry sections (SIC2007)				
	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services
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<b>2019 weights</b>	<b>1000</b>	<b>167</b>	<b>130</b>	<b>428</b>	<b>275</b>

Percentage change, latest month on previous month

		S222	S243	KI77	KI7G	KI7O
2022	Oct	0.9	1.6	0.7	0.8	0.6
	Nov	0.0	0.0	0.2	-0.1	0.1
	Dec	-0.6	-0.8	-0.7	0.2	-1.6
2023	Jan	0.9	0.5	2.8	0.1	1.4
	Feb	-0.1	-0.3	-1.2	0.3	0.1
	Mar	-0.5	-1.6	-1.4	-0.2	0.3
	Apr	0.2	1.2	0.4	-0.1	-0.1
	May	-0.1	-0.6	0.0	-0.3	0.6
	Jun	0.3	0.7	0.5	-0.1	0.5
	Jul	-0.4	-0.4	-2.0	0.0	-0.3
	Aug	0.1	0.1	0.2	0.1	0.2
	Sep	0.0	-0.4	0.0	-0.3	0.5
	Oct	-0.3	0.0	-0.9	0.0	-0.7
	Nov	0.2	0.3	0.8	0.1	0.1
	Dec	-0.1	-1.3	0.2	0.4	-0.5

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

		S2G6	S2I7	KI7C	KI7J	KI7R
2022	Oct	1.8	-4.2	6.5	2.6	2.0
	Nov	1.2	-3.3	5.7	2.2	0.5
	Dec	1.2	-0.8	4.9	2.2	-1.0
2023	Jan	1.2	0.1	4.5	2.1	-1.2
	Feb	1.1	-0.1	3.6	2.3	-1.2
	Mar	0.8	-1.8	2.6	2.2	-0.8
	Apr	0.5	-2.7	1.9	1.8	-0.4
	May	0.2	-2.9	1.7	1.0	0.2
	Jun	0.5	-2.2	2.0	0.6	1.4
	Jul	0.4	-1.8	0.8	0.2	1.8
	Aug	0.5	-1.4	-0.1	0.2	2.3
	Sep	0.3	-1.0	-1.2	0.2	2.1
	Oct	0.1	-1.1	-1.4	-0.1	1.7
	Nov	-0.1	-1.1	-1.4	-0.1	1.3
	Dec	-0.2	-1.7	-1.4	-0.2	1.3

Percentage change, latest 3 months on previous 3 months

		S2BG	S2DH	KI7D	KI7K	KI7S
2022	Oct	0.1	-1.0	0.9	0.2	0.4
	Nov	0.3	-0.7	0.4	0.2	1.0
	Dec	0.4	0.1	0.1	0.5	0.4
2023	Jan	0.3	0.1	0.9	0.4	0.0
	Feb	0.3	-0.1	1.1	0.5	-0.4
	Mar	0.3	-0.8	1.1	0.3	0.5
	Apr	0.1	-0.9	-0.3	0.2	0.6
	May	-0.1	-1.0	-1.0	-0.2	0.9
	Jun	-0.1	-0.1	-0.8	-0.4	0.7
	Jul	-0.1	0.0	-0.6	-0.6	0.8
	Aug	0.0	0.5	-0.7	-0.3	0.7
	Sep	-0.2	-0.2	-1.6	-0.2	0.5
	Oct	-0.2	-0.2	-1.3	-0.1	0.2
	Nov	-0.2	-0.4	-0.9	-0.1	0.1
	Dec	-0.2	-0.5	-0.2	0.1	-0.4

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