

Statistical bulletin

Index of Services, UK: December 2022

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



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1 . Main points

- Monthly services output fell by 0.8% between November and December 2022 and remains 0.7% below February 2020, which was the last month of "normal" trading conditions prior to the coronavirus (COVID-19) pandemic.
- The Index of Services (IoS) saw falls in 11 of the 14 sectors during December 2022; human health and social work activities saw the largest fall, contributing negative 0.25 percentage points to IoS growth (with growth falling by 2.8%).
- Currently, 6 of the 14 services sectors are above their February 2020 pre-coronavirus pandemic level, with information and communication seeing the largest percentage increase during this period (11.5%).
- Services output for Quarter 4 (Oct to Dec) is flat, compared with Quarter 3 (Jul to Sep); over this period, strength in administrative and support service activities (growing 3.4%) is balanced by weakness in education (falling 1.6%), along with transportation and storage (falling 2.4%).
- For further and detailed analysis of the effect on our monthly IoS estimate, please see our [GDP monthly estimate, UK: December 2022 article](#) published on 10 February 2023.

2 . Index of Services data

[Index of Services time series](#)

Dataset | Dataset ID: IOS1 | Released 10 February 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 10 February 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 10 February 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 10 February 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 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:

- 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: December 2022 bulletin](#), published on 20 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](#).

Coronavirus (COVID-19)

The ONS' MBS is fully online, meaning that business owners can log on from any location and submit their data at an appropriate time. Most other data in the IoS come from within the ONS, and therefore will be less affected than survey data.

Our latest [data and analysis on the impact of coronavirus \(COVID-19\) on the UK economy and population](#) are available on their own web page. This is the hub for all special coronavirus-related publications, including the fortnightly Business Insights and Conditions Survey (BICS).

We, at the ONS, have released a [public statement on COVID-19 and the production of statistics](#). If you have specific queries, you can contact the media relations office by email at media.relations@ons.gov.uk.

Economic statistics governance after Brexit

Following the UK's exit from the EU, new governance arrangements are being put in place that will support the adoption and implementation of high-quality standards for UK economic statistics. These governance arrangements will promote international comparability and add to the credibility and independence of the UK's statistical system.

At the centre of this new governance framework will be the new National Statistician's Committee for Advice on Standards for Economic Statistics (NSCASE). NSCASE will support the UK by ensuring its processes for influencing and adopting international statistical standards are world leading. The advice NSCASE provides to the National Statistician will span the full range of domains in economic statistics. This includes:

- the National Accounts
- fiscal statistics
- prices
- trade
- the balance of payments and labour market statistics

4 . Related links

[Comparing ONS's economic data with IHS Markit and CIPS Purchasing Managers' Index surveys](#)

Article | Released 21 October 2019

A comparison between official estimates of UK output and diffusion indices, looking at the level of correlation between Office for National Statistics data and IHS Markit and Chartered Institute of Procurement and Supply Purchasing Managers' Indices.

[GDP monthly estimate, UK: December 2022](#)

Bulletin | Released 10 February 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.

[Services sector, UK: 2008 to 2018](#)

Article | Released 2 April 2019

Changes that have taken place in the UK services sector from 2008 to 2018. The differences between public sector-dominated sections and the rest of the sector, and the individual sections of the services sector, are analysed in depth.

[Index of Production, UK: December 2022](#)

Bulletin | Released 10 February 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.

5 . Cite this statistical bulletin

Office for National Statistics (ONS), released 10 February 2023, ONS website, statistical bulletin, [Index of Services, UK: December 2022](#)

		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	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	88	102.9	104.8	94.9
2021	Q4	98	88	98.3	103.5	96
2022	Q1	98.5	87.9	102.1	104	95.2
	Q2	98.9	88.4	102.8	104.8	94.5
	Q3	99.1	87.8	103.8	104.9	95
	Q4	99.2	87.9	102.8	105.4	94.8
2021	Oct	97.3	89.6	97.2	102.6	94.3
	Nov	98.4	88.7	98.6	103.8	96.2
	Dec	98.4	85.8	99.1	104.1	97.5
2022	Jan	98.6	87.7	101.5	103.7	95.8
	Feb	98.5	88.4	102.5	104	94.6
	Mar	98.5	87.5	102.2	104.2	95.2
	Apr	98.6	88.5	102.5	104.4	93.8
	May	99.4	88.3	103.4	105.5	95.2
	Jun	98.7	88.5	102.6	104.6	94.4
	Jul	99.2	88.7	103.7	105	94.9
	Aug	99.5	88	105.1	105.1	95
	Sep	98.7	86.7	102.6	104.7	95
	Oct	99.3	87.9	102.7	105.1	95.6
	Nov	99.5	87.9	103.2	105.3	95.5
	Dec	98.7	88	102.5	105.7	93.3
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	5.6	9.5	3.3	7.3
Percentage change, latest month on same month a year ago		S26Q	S28R	KI7A	KI7I	KI7Q
2021	Oct	8.7	9.1	7.6	6.1	14.4
	Nov	13	24.7	9.9	7.4	19.6
	Dec	10.5	14.7	10.8	4.4	19.1
2022	Jan	14.5	29.1	12.9	5	26.2
	Feb	13.9	25.9	15.1	4.7	24.9
	Mar	11	21.1	13.4	3.1	19.4
	Apr	6.7	8.3	10.1	3.9	8.8
	May	6.1	2.4	11.7	4.8	7.3
	Jun	3.6	-0.2	9.8	3	4.1
	Jul	4.3	0.4	9.5	3.8	4.9
	Aug	3.6	-2.5	10.3	3.7	3.3
	Sep	1.8	-4.1	8.3	1.8	1.6
	Oct	2	-1.9	5.6	2.4	1.4
	Nov	1.1	-1	4.7	1.5	-0.7
	Dec	0.3	2.5	3.4	1.5	-4.2

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](#)

continued

		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
2021	Oct	0.4	-0.9	2.7	-0.3	0.8
	Nov	1.1	-1	1.4	1.2	2
	Dec	0.1	-3.3	0.5	0.3	1.3
2022	Jan	0.1	2.2	2.4	-0.4	-1.7
	Feb	0	0.8	1	0.3	-1.3
	Mar	-0.1	-1	-0.3	0.1	0.7
	Apr	0.1	1.1	0.3	0.2	-1.5
	May	0.8	-0.2	0.8	1	1.5
	Jun	-0.7	0.2	-0.8	-0.8	-0.9
	Jul	0.5	0.3	1.1	0.4	0.5
	Aug	0.3	-0.9	1.4	0.1	0.1
	Sep	-0.8	-1.5	-2.4	-0.4	0.1
	Oct	0.6	1.4	0.2	0.4	0.6
	Nov	0.2	-0.1	0.5	0.2	-0.1
	Dec	-0.8	0.1	-0.7	0.4	-2.3
Percentage change, latest 3 months on same 3 months a year ago						
		S2G6	S2I7	KI7C	KI7J	KI7R
2021	Oct	8.7	6.9	7.7	6.4	14.9
	Nov	10.1	13.3	8.2	6.8	16.1
	Dec	10.7	15.8	9.5	6	17.7
2022	Jan	12.6	22.6	11.2	5.6	21.5
	Feb	13	23	12.9	4.7	23.3
	Mar	13.1	25.3	13.8	4.3	23.4
	Apr	10.5	18	12.8	3.9	17.3
	May	7.9	10	11.7	3.9	11.6
	Jun	5.4	3.4	10.5	3.9	6.7
	Jul	4.7	0.8	10.3	3.9	5.4
	Aug	3.8	-0.8	9.8	3.5	4.1
	Sep	3.2	-2.1	9.4	3.1	3.3
	Oct	2.5	-2.8	8.1	2.6	2.1
	Nov	1.6	-2.3	6.2	1.9	0.8
	Dec	1.2	-0.1	4.6	1.8	-1.2
Percentage change, latest 3 months on previous 3 months						
		S2BG	S2DH	KI7D	KI7K	KI7S
2021	Oct	2.2	2.6	2.3	1.1	3.7
	Nov	2.2	0.5	2.5	1.7	4
	Dec	2.1	-1.8	3.6	1.7	4.4
2022	Jan	1.7	-3	4.1	1.6	3.5
	Feb	1	-2.6	4.3	0.9	1.4
	Mar	0.5	-0.2	3.8	0.5	-0.8
	Apr	0.1	0.8	2.7	0.3	-2.1
	May	0.3	0.9	1.7	0.7	-1.3
	Jun	0.4	0.6	0.7	0.8	-0.8
	Jul	0.6	0.4	0.8	0.8	0.3
	Aug	0.3	0.3	1.1	0.2	0
	Sep	0.2	-0.7	0.9	0.1	0.5
	Oct	0.1	-1.1	0.2	-0.1	0.4
	Nov	0	-1	-0.9	0.1	0.7
	Dec	0	0.1	-1	0.4	-0.1

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