

Statistical bulletin

Producer price inflation, UK: January 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).



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Correction

14 February 2024 08:22

We have corrected an error in the figure 4 subheading of the January 2024 Producer Price Inflation, UK bulletin. The previous version was incorrectly dated 'December 2023'. It should have been dated 'January 2024'.

This happened because of a human error.

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1 . Main points

- Producer input prices fell by 3.3% in the year to January 2024, down from a revised fall of 2.1% in the year to December 2023.
- Producer output (factory gate) prices fell by 0.6% in the year to January 2024, down from a rise of 0.1% in the year to December 2023.
- On a monthly basis, producer input prices fell by 0.8% and output prices fell by 0.2% in January 2024.
- Input and output price levels have been relatively stable since mid-2022 but remain substantially higher than their 2021 levels.

2 . Producer price inflation rates

The annual inflation rate of the input Producer Price Index (PPI) was negative for the eighth consecutive month and the lowest it has been since May 2020. The annual inflation rate of the output (factory gate) PPI has fluctuated between 0.5% and negative 0.6% for the last eight months (Figure 1) and is at its lowest level since November 2020.

The index levels for both input and output prices have remained relatively stable since mid-2022 (Figure 2). The small changes seen in the past few months, when compared with the broadly stable values over the past year, have created a fall in the annual inflation rate for producer input and output prices, even though the index levels remain high. We explain this in further detail in our [Beware base effects blog post](#).

The figures for both December 2023 and January 2024 are provisional, and figures for the latest 12 months are subject to revisions as additional survey data are returned and validated. Effective response rates at time of first publishing can be found in [Section 8: Strengths and limitations](#).

Figure 1: Annual input and output PPI inflation rates were both negative in January 2024

Input and output Producer Price Index (PPI) annual inflation rates, UK, January 2014 to January 2024

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Input and output Producer Price Index (PPI) annual inflation rates, UK, January 2014 to January 2024



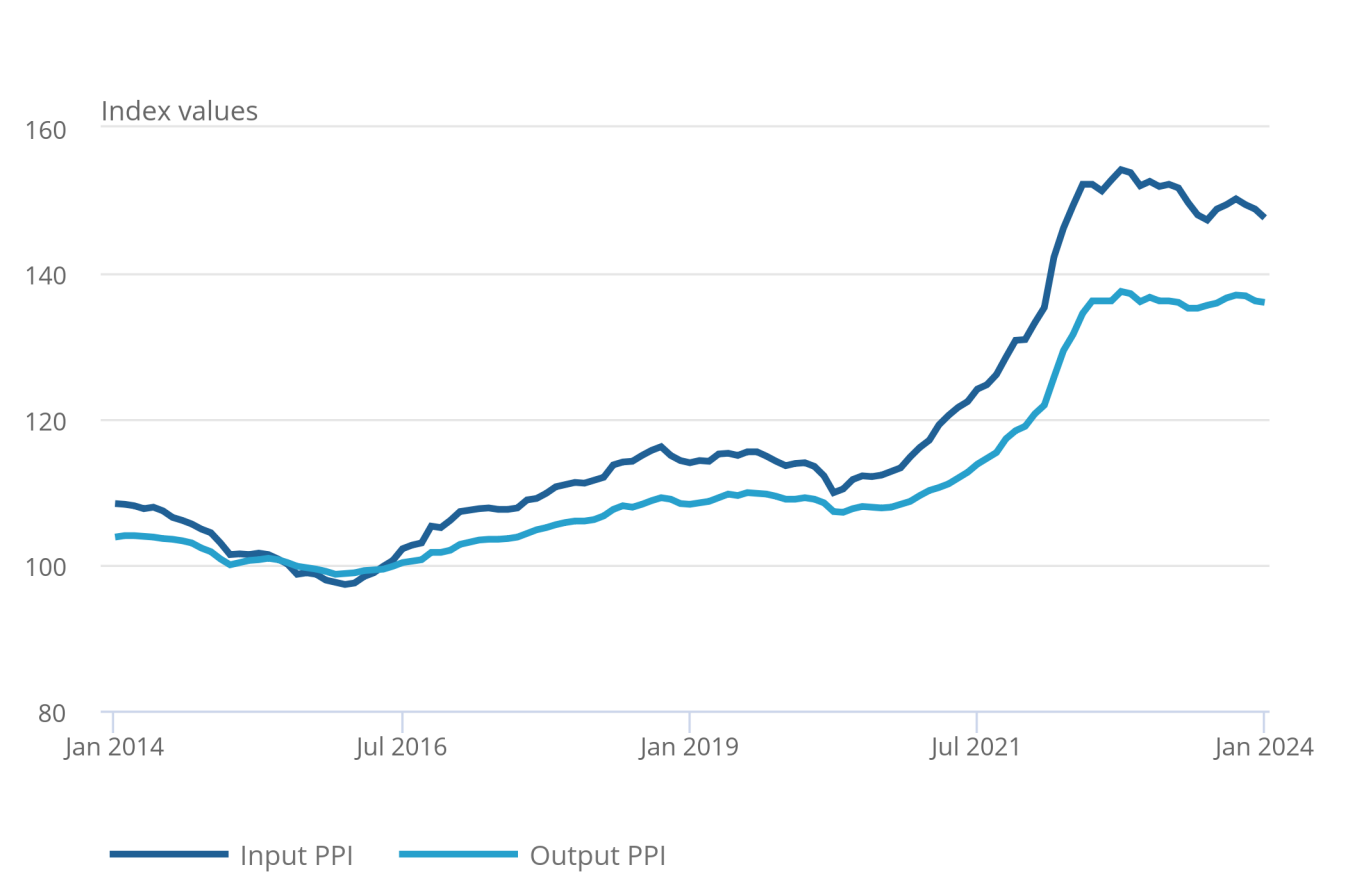
Source: Producer Price Index (PPI) from the Office for National Statistics

Figure 2: The input and output PPI levels both fell in January 2024

Input and output Producer Price Index (PPI) values, UK, January 2014 to January 2024

Figure 2: The input and output PPI levels both fell in January 2024

Input and output Producer Price Index (PPI) values, UK, January 2014 to January 2024



Source: Producer Price Index (PPI) from the Office for National Statistics

3 . Input producer price inflation

The annual inflation rate of producer input prices was negative 3.3% in the year to January 2024, which is down from a revised negative 2.1% in the year to December 2023. The monthly producer input inflation rate fell to negative 0.8% in January 2024, following a revised rate of negative 0.4% in December 2023 (Table 1).

Table 1: Input prices, index values, inflation rates and percentage point changes to the annual inflation rate UK, January 2023 to January 2024

All materials and fuels purchased (GHIP)

		PPI Index (2015=100)	Monthly inflation rate	Annual inflation rate	Change in the annual inflation rate (percentage points)
2023	Jan	152.6	0.4	14.6	-1.5
	Feb	151.9	-0.5	12.2	-2.4
	Mar	152.2	0.2	7.0	-5.2
	Apr	151.7	-0.3	3.8	-3.2
	May	149.7	-1.3	0.2	-3.6
	June	148.0	-1.2	-2.8	-3.0
	July	147.3	-0.5	-3.2	-0.4
	Aug	148.8	1.0	-1.7	1.5
	Sept	149.4	0.4	-2.3	-0.6
	Oct	150.2	0.5	-2.6	-0.3
	Nov	149.4	-0.5	-2.8	-0.2
	Dec	148.8	-0.4	-2.1	0.7
2024	Jan	147.6	-0.8	-3.3	-1.2

Source: Producer Price Index (PPI) from the Office for National Statistics

Notes

1. Rates may not correspond to index value changes because of rounding.

The largest downward contributions to the annual input inflation rate in January 2024 came from inputs of chemicals and inputs of crude oil, which contributed 1.58 and 0.72 percentage points, respectively (Figure 3). Chemical and crude oil prices fell by 8.5% and 11.4%, respectively, in the year to January 2024 (Table 2), with the main price decreases coming from other inorganic basic chemicals, and crude petroleum.

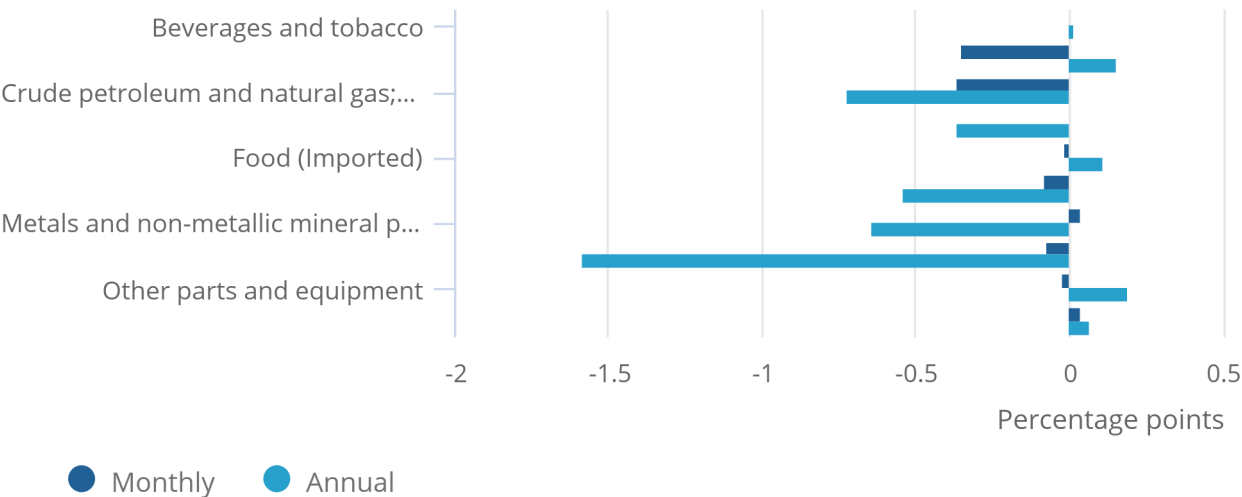
Inputs of other parts and equipment and inputs of fuel provided the largest offsetting upward contributions at 0.19 and 0.16 percentage points, respectively, although these were low in comparison with the downward contributions.

Figure 3: Chemicals and crude oil provided the largest downward contribution to the annual inflation rate of input PPI in January 2024

Input Producer Price Index (PPI), percentage point contributions to monthly and annual inflation rate, UK, January 2024

Figure 3: Chemicals and crude oil provided the largest downward contribution to the annual inflation rate of input PPI in January 2024

Input Producer Price Index (PPI), percentage point contributions to monthly and annual inflation rate, UK, January 2024



Source: Producer Price Index (PPI) from the Office for National Statistics

Notes:

- Contributions to the rate may not add up to the rate exactly because of rounding.
- Fuel covers electricity and gas (D35) and coal (B05) of the [classification of products by activity \(CPA 2.1\)](#).

Table 2: Input prices, inflation rates
UK, December 2023 and January 2024

Product group	December 2023		January 2024	
	Monthly inflation rate	Annual inflation rate	Monthly inflation rate	Annual inflation rate
Beverages and tobacco	0.8	8.7	0.8	6.8
Fuel	5.6	5.7	-6.2	3.3
Crude petroleum and natural gas; Metal ores	-5.8	-3.6	-6.2	-11.4
Food (Domestic)	0.6	-2.2	0.0	-2.2
Food (Imported)	0.3	7.8	-0.5	4.6
Other produced material	-1.3	-4.3	-0.7	-5.0
Metals and non-metallic mineral products	-0.4	-2.5	0.2	-3.6
Chemicals	-0.6	-8.5	-0.4	-8.5
Other parts and equipment	-0.5	1.5	-0.1	0.5
Other inputs	-0.1	2.6	1.5	3.0
Manufactured products	-0.4	-2.1	-0.8	-3.3

Source: Producer Price Index (PPI) from the Office for National Statistics

Of the 10 product groups for input Producer Price Index (PPI), 7 made downward contributions to the change in the annual inflation rate, with inputs of crude oil providing the largest at 0.48 percentage points (Figure 4).

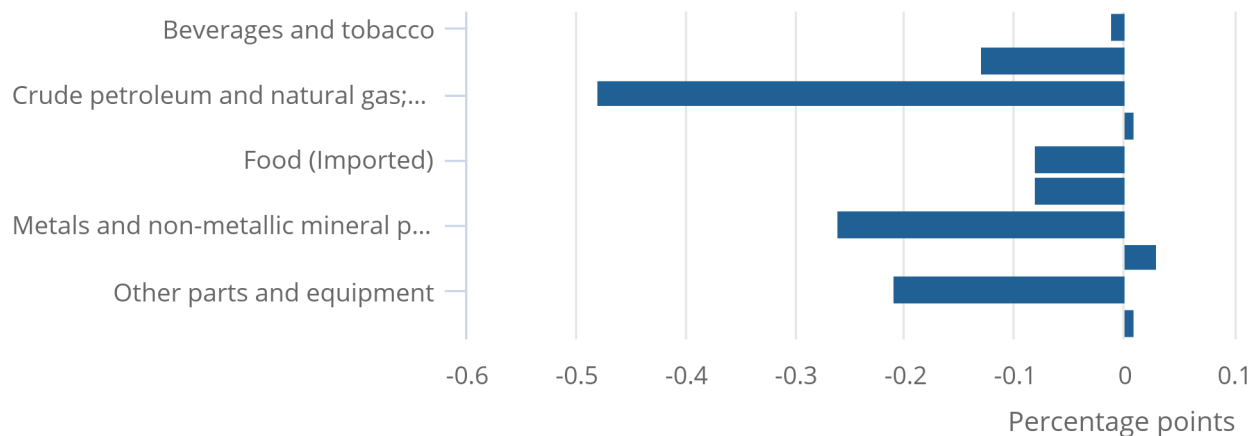
Crude oil prices fell by 6.2% between December 2023 and January 2024. The annual inflation rate for this product group fell from negative 3.6% in December 2023 to negative 11.4% in January 2024.

Figure 4: Inputs of crude oil provided the largest downward contribution to the change in the annual inflation rate of input PPI

Input Producer Price Index (PPI), percentage point contributions to change in the annual inflation rate, UK, January 2024

Figure 4: Inputs of crude oil provided the largest downward contribution to the change in the annual inflation rate of input PPI

Input Producer Price Index (PPI), percentage point contributions to change in the annual inflation rate, UK, January 2024



Source: Producer Price Index (PPI) from the Office for National Statistics

Notes:

1. Contributions to the rate may not add up to the rate exactly because of rounding.

The prices of materials and fuels imported by UK manufacturing fell by 4.3% in the year to January 2024, down from a revised fall of 2.4% in the year to December 2023. The monthly inflation rate was negative 0.9% between December 2023 and January 2024, compared with a revised fall of 1.8% between November and December 2023. The fall in import prices is consistent with the rise in the value of sterling in January 2024, which rose by 5.1% in the year to January 2024 and by 0.6% on the month (Table 3).

Table 3: Imported materials and fuels purchased and sterling effective exchange rate, index values, inflation rates and percentage point changes to the annual inflation rate
UK, January 2023 to January 2024

Imported materials and fuels purchased (GD74)						Sterling effective exchange rate - month average (BK67)		
		PPI Index (2015=100)	Monthly inflation rate	Annual inflation rate	Change in the annual inflation rate (percentage points)	Sterling Index (Jan 2005=100)	Monthly rate	Annual rate
2023	Jan	145.5	1.0	17.3	0.7	78.3	-1.0	-5.3
	Feb	146.0	0.4	14.7	-2.6	77.8	-0.6	-5.8
	Mar	145.1	-0.6	8.5	-6.2	78.3	0.6	-4.3
	Apr	143.7	-1.0	5.2	-3.3	79.3	1.3	-2.4
	May	141.7	-1.4	1.1	-4.1	80.1	1.0	0.3
	June	139.7	-1.5	-2.6	-3.7	81.7	2.0	3.0
	July	138.6	-0.8	-3.1	-0.5	82.6	1.1	4.6
	Aug	140.7	1.5	-2.2	0.9	82.3	-0.3	4.1
	Sept	143.8	2.2	-4.0	-1.8	81.4	-1.1	6.7
	Oct	144.9	0.8	-3.8	0.2	80.5	-1.1	4.6
	Nov	143.0	-1.3	-2.7	1.1	81.0	0.6	3.7
	Dec	140.5	-1.8	-2.4	0.3	81.8	0.9	3.5
2024	Jan	139.3	-0.9	-4.3	-1.9	82.2	0.6	5.1

Source: Producer Price Index (PPI) from the Office for National Statistics

Notes

1. Rates may not correspond to index value changes because of rounding.
2. Total imports (GD74) represents roughly one-fifth of overall materials and fuels (input prices) in terms of index weight.

4 . Output producer price inflation

The annual inflation rate of producer output (factory gate) prices fell by 0.6% in the year to January 2024, down from a rise of 0.1% in the year to December 2023.

Producer output prices fell by 0.2% between December 2023 and January 2024, following a revised monthly inflation rate of negative 0.5% for December 2023 (Table 4).

Table 4: Output prices, index values, inflation rates and percentage point changes to the annual inflation rate UK, January 2023 to January 2024

All manufactured products (GB7S)

		PPI Index (2015=100)	Monthly inflation rate	Annual inflation rate	Change in the annual inflation rate (percentage points)
2023	Jan	136.7	0.5	13.2	-1.2
	Feb	136.2	-0.4	11.7	-1.5
	Mar	136.2	0.1	8.4	-3.3
	Apr	136.0	-0.2	5.1	-3.3
	May	135.2	-0.6	2.7	-2.4
	June	135.2	0.0	0.5	-2.2
	July	135.6	0.3	-0.5	-1.0
	Aug	135.9	0.3	-0.2	0.3
	Sept	136.6	0.5	0.3	0.5
	Oct	137.0	0.3	-0.4	-0.7
	Nov	136.9	0.0	-0.2	0.2
	Dec	136.2	-0.5	0.1	0.3
2024	Jan	136.0	-0.2	-0.6	-0.7

Source: Producer Price Index (PPI) from the Office for National Statistics

Notes

1. Rates may not correspond to index value changes because of rounding.

The largest downward contributions to the annual output inflation rate in January 2024 came from chemicals and refined petroleum which contributed 0.93 and 0.68 percentage points, respectively (Figure 5). Chemical and refined petroleum prices fell by 12.5% and 9.4%, respectively, in the year to January 2024 (Table 5). The main price decrease within chemicals came from other inorganic basic chemicals.

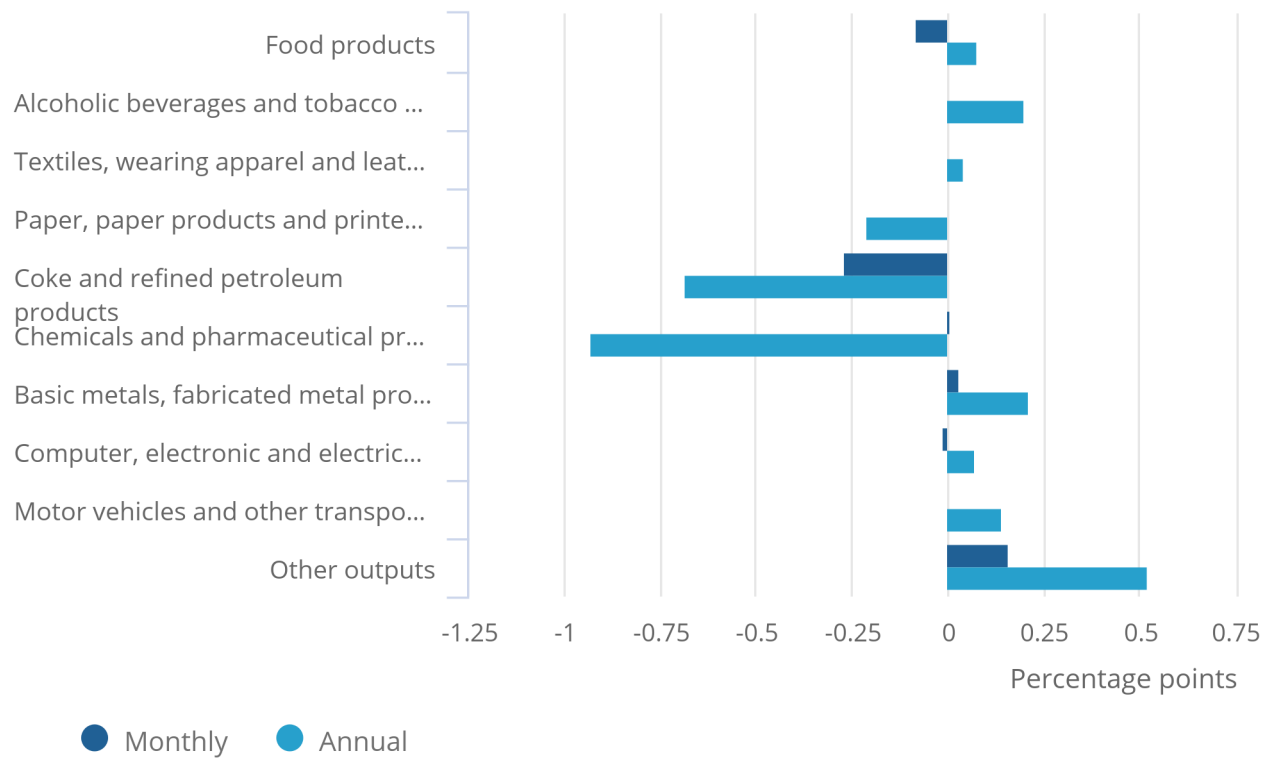
The largest offsetting upward contribution to the annual output inflation rate in January 2024 came from “other outputs”, which contributed 0.52 percentage points. Price rises within this product group came from other non-metallic mineral products, such as concrete, cement and plaster.

Figure 5: Chemicals provided the largest downward contribution to the annual inflation rate of output PPI in January 2024

Output Producer Price Index (PPI), percentage point contributions to monthly and annual inflation rate, UK, January 2024

Figure 5: Chemicals provided the largest downward contribution to the annual inflation rate of output PPI in January 2024

Output Producer Price Index (PPI), percentage point contributions to monthly and annual inflation rate, UK, January 2024



Source: Producer Price Index (PPI) from the Office for National Statistics

Notes:

- 1. Contributions to the rate may not add up to the rate exactly because of rounding.

Table 5: Output prices, inflation rates
UK, December 2023 and January 2024

Product group	December 2023		January 2024	
	Monthly inflation rate	Annual inflation rate	Monthly inflation rate	Annual inflation rate
Food products	0.0	1.7	-0.3	0.6
Alcoholic beverages and tobacco products	1.4	12.6	-0.1	9.4
Textiles, wearing apparel and leather products	0.1	6.3	0.2	4.8
Paper, paper products and printed material	0.1	-3.1	0.0	-3.7
Coke and refined petroleum products	-7.1	-8.2	-3.9	-9.4
Chemicals and pharmaceutical preparations	-0.8	-13.0	0.1	-12.5
Basic metals, fabricated metal products and machinery	0.1	2.3	0.2	1.6
Computer, electronic and electrical products	0.0	3.8	-0.2	2.3
Motor vehicles and other transport equipment	0.1	1.1	0.0	0.7
Other outputs	0.0	2.5	0.7	2.3
Manufactured products	-0.5	0.1	-0.2	-0.6

Source: Producer Price Index (PPI) from the Office for National Statistics

Of the 10 product groups for output Producer Price Index (PPI), 9 made downward contributions to the change in the annual inflation rate, with food products providing the largest, at 0.31 percentage points (Figure 6). Food product prices fell by 0.3% between December 2023 and January 2024. The annual inflation rate for this product group fell from 1.7% in December 2023 to 0.6% in January 2024.

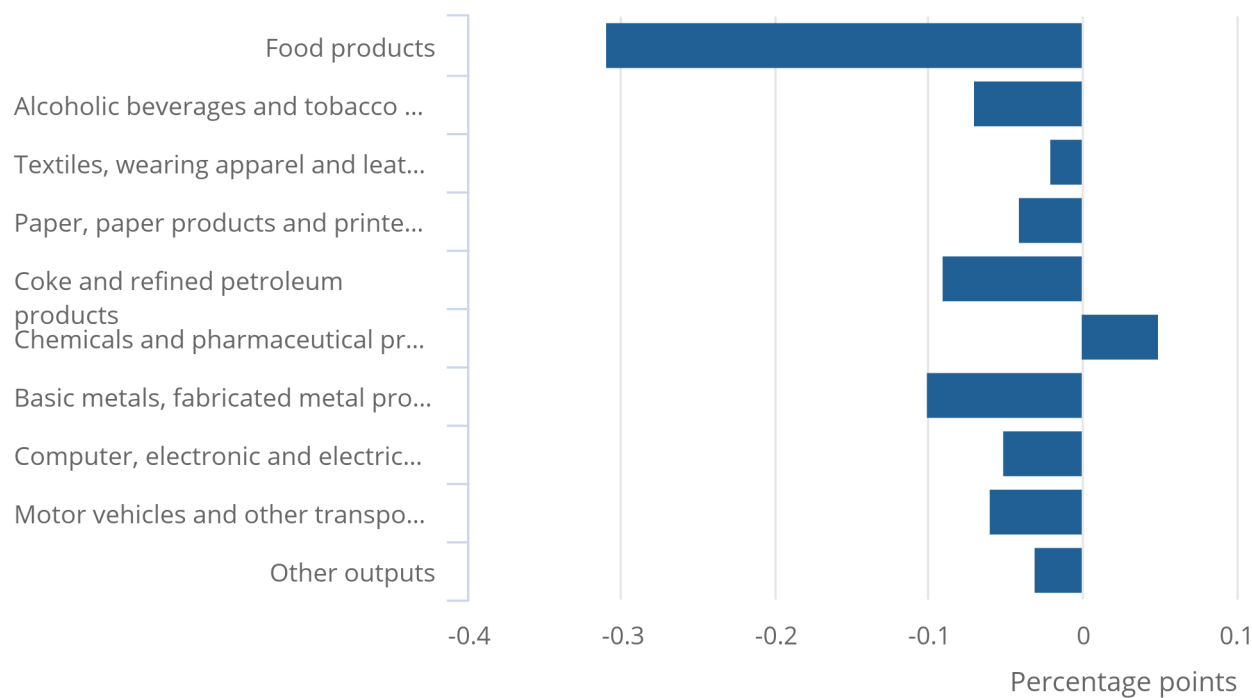
The only offsetting upward contribution to the change in the annual inflation rate came from chemicals, at 0.05 percentage points.

Figure 6: Food products provided the largest downward contribution to the change in the annual inflation rate of output PPI

Output Producer Price Index (PPI), percentage point contributions to change in the annual inflation rate, UK, January 2024

Figure 6: Food products provided the largest downward contribution to the change in the annual inflation rate of output PPI

Output Producer Price Index (PPI), percentage point contributions to change in the annual inflation rate, UK, January 2024



Source: Producer Price Index (PPI) from the Office for National Statistics

Notes:

- 1. Contributions to the rate may not add up to the rate exactly because of rounding.

5 . Producer price inflation data

[Producer price inflation time series](#)

Dataset | Released 14 February 2024

A comprehensive selection of data on input and output indices. Contains producer price indices of materials and fuels purchased and output of manufacturing industry by broad sector.

[Output and input producer price inflation: contributions to the annual rates](#)

Dataset | Released 14 February 2024

Contributions to the annual inflation rates of input and output producer price inflation by component and overall inflation rates.

[Producer price inflation](#)

Dataset MM22 | Released 14 February 2024

UK price movement data at all manufacturing, aggregated industry and product group levels. Data supplied from individual manufacturers, importers and exporters. Monthly, quarterly and annual data.

6 . Glossary

Weight

This is the importance of the price of interest relative to other prices collected. With annual chain-linking, this is updated every year using business turnover data.

Index value

Price level in a specific basket of goods.

Annual growth rate

The annual inflation rate.

Link factor

A smoothing factor applied to create a continuous series following a weights change.

Contribution

A measure of influence that the index has on the overall growth rate. This depends on both the magnitude of the weight and the inflation rate. A positive contribution is an index that is attributed to a change in the annual growth rate value. Where the contribution is positive, but the growth is negative, this indicates that the index is reducing the annual growth rate (for example, the growth rate would be higher if this index had a lower weight).

Producer price inflation

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).

If the producer price inflation rate is a positive value, this indicates that prices have risen, while a negative value indicates that prices have fallen.

Input prices

The input price measures the price of materials and fuels bought by UK manufacturers for processing. It includes materials and fuels that are both imported or sourced within the domestic market. It is not limited to materials used in the final product but includes what is required by businesses in their normal day-to-day running, such as fuels.

Output prices

The factory gate price (output price) is the amount received by UK producers for the goods that they sell to the domestic market. It includes the margin that businesses make on goods, in addition to costs such as labour, raw materials and energy, as well as interest on loans, site or building maintenance, or rent.

Services producer price inflation

Quarterly estimates monitoring the changes in prices charged for services provided to UK-based customers for a range of industries.

7 . Measuring the data

Producer prices development plan

The Office for Statistics Regulation (OSR) quality report of the Producer Price Indices (PPI) was published in July 2023. The report notes the excellent progress made recently in bringing PPI in line with methodological best practice, but also highlights areas that need to be improved.

For further details, see the [full OSR report](#).

Our [Producer prices development plan](#) was published in October 2023, detailing the work that will be undertaken over the next year to improve the quality of PPI data and continue to meet user needs.

The Producer Price Index

The Producer Price Index (PPI) uses contributions to identify how indices influence the overall inflation rate. This section gives additional information on the calculation and how to interpret it.

Example scenarios

The following gives examples of how weight and inflation rate changes most commonly affect the contribution. In PPI, the weights usually have greater influence on the contribution, as these tend to show greater change than the annual inflation rate:

- decrease in weight, decrease in inflation rate – contribution is negative
- decrease in weight, no change in inflation rate – contribution is negative
- decrease in weight, increase in inflation rate – contribution is usually negative
- no change in weight, decrease in inflation rate – contribution is usually negative
- no change in weight or inflation rate – no change
- no change in weight, increase in inflation rate – contribution is usually positive
- increase in weight, decrease in inflation rate – contribution is usually positive
- increase in weight, no change in inflation rate – contribution is positive
- increase in weight, increase in inflation rate – contribution is positive

Contributions are calculated using the following formula:

$$\frac{(weight \times index\ value \times link\ factor)_{for\ current\ year} - (weight \times index\ value \times link\ factor)_{for\ previous\ year}}{chain\ linked\ value\ for\ the\ overall\ index}$$

Quality and methodology information (QMI) on strengths, limitations, appropriate uses, and how the data were created is available in our [Producer price indices QMI](#) and our [Services Producer Price Inflation QMI](#).

Other useful documentation from the Office for National Statistics for the PPI and the Services Producer Price Index (SPPI) are:

- [Producer Price Indices methods changes article](#)
- [Chain-linking in business prices article](#)
- [Producer price weight changes article](#)
- [Services producer price weight changes article](#)
- [Guidance on using indices in Indexation Clauses \(PDF, 197KB\)](#)
- [PPI methods and guidance \(PDF, 1.14MB\)](#)
- [SPPI user guidance and methodology article](#)
- [PPI standard errors: 2017 datasets](#)
- [UK SPPI standard errors: 2016 to 2017 article](#)

Sterling effective exchange rate

The sterling effective exchange rate measures changes in the strength of sterling relative to baskets of other currencies. The sterling effective exchange rate is only indicative of the rates applied to producer prices. This is because the sterling effective exchange rate is a trade-weighted index that represents all UK trade, whereas producer prices reflect transactions in the manufacturing sector.

Data revisions policy

Figures for the latest two months are provisional, and the latest 12 months are subject to revisions because of late and revised respondent data. The PPI revision policy is now in line with that of the national accounts. Published information on our [revisions policy](#) and revisions triangles shows how estimates are revised over time.

8 . Strengths and limitations

Strengths

These data:

- provide users with valuable insight into the changes in the prices of goods and services bought and sold by UK manufacturers
- are comprehensive, covering many products at a much greater level of detail than other surveys
- are internationally comparable with any country using the classification by product activity (CPA) or the central product classification (CPC) systems
- are created using a rotational sampling method to enable many new products and new respondents to be included
- are chain-linked annually to improve results in deflation by reducing substitution bias

Limitations

The limitations are that:

- some products are produced by only a small number of manufacturers, meaning that there may not be enough manufacturers for a detailed and robust analysis, and the sector may be volatile, requiring some estimation
- the data can be revised for 12 months
- the data for the latest two months of the Producer Price Index (PPI) and two quarters of the Services Producer Price Index (SPPI) are provisional

Response rates in January 2024

The response rates for the domestic PPI, the Import Price Index (IPI) and the Export Price Index (EPI) all decreased between December 2023 and January 2024 (Table 6).

Table 6: Producer Price Index (PPI), Import Price Index (IPI) and Export Price Index (EPI) overall effective response rates at time of first publishing
Percentage, UK, January 2023 to January 2024

Weighted response

	PPI (domestic)	IPI	EPI
January 2023	77.9	71.7	73.9
February 2023	78.1	78.9	78.2
March 2023	77.8	75.4	74.7
April 2023	78.9	79.3	74.6
May 2023	78.3	82.2	75.8
June 2023	76.1	80.4	77.7
July 2023	74.8	82.4	72.2
August 2023	79.0	83.9	77.3
September 2023	80.3	80.8	73.4
October 2023	81.0	81.3	75.0
November 2023	84.7	84.6	78.9
December 2023	82.0	85.0	77.6
January 2024	76.4	78.6	68.3

Source: Producer Price Index (PPI) from the Office for National Statistics

9 . Related links

[Consumer price inflation, UK](#)

Bulletin | Released monthly

Price indices, percentage changes, and weights for the different measures of consumer price inflation.

[UK House Price Index](#)

Bulletin | Released monthly

Monthly house price inflation in the UK, calculated using data from HM Land Registry, Registers of Scotland, and Land and Property Services Northern Ireland.

[Construction output in Great Britain: September 2023, new orders and Construction Output Price Indices, July to September 2023](#)

Bulletin | Released 10 November 2023

Short-term measures of output by construction industry in September 2023, contracts awarded for new construction work in Great Britain and a summary of the Construction Output Price Indices (OPIs) in the UK for Quarter 3 (July to Sept) 2023.

[GDP monthly estimate, UK](#)

Bulletin | Released monthly

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.

10 . Cite this statistical bulletin

Office for National Statistics (ONS), released 14 February 2024, ONS website, statistical bulletin, [Producer price inflation, UK: January 2024](#)

Table 1: Output prices: summary (not seasonally adjusted) - CPA 2.1

2015=100, CPA 2.1

Manufactured Products for Domestic Market, excluding duty				Manufactured products excluding food beverages, tobacco & petroleum products for domestic market				Coke and refined petroleum products, excluding duty				Food products, beverages and tobacco, excluding duty			
percentage change over				percentage change over				percentage change over				percentage change over			
Index (2015=100)	1 mth	12 mths		Index (2015=100)	1 mth	12 mths		Index (2015=100)	1 mth	12 mths		Index (2015=100)	1 mth	12 mths	
6150333333				6150333390				6140190000				6150888897			
	GB7S				GBBV				G6ST				GBA6		
2023 Jul	135.6	0.3	-0.5	134.5r	0.1	2.4		185.5	3.7	-38.4		134.1	-	7.5	
Aug	135.9	0.3	-0.2	134.4	-0.1	1.7		201.4	8.6	-29.4		133.4	-0.6	6.0	
Sep	136.6r	0.5	0.3	134.2r	-0.1	0.8		219.8	9.1	-17.2		133.0	-0.2	4.9	
Oct	137.0r	0.3	-0.4	134.3r	0.1	0.3		228.2	3.8	-16.3		132.9	-0.1	3.8	
Nov	136.9	-	-0.2	134.3	-	0.1		225.3	-1.3	-12.2		133.3	0.3	3.2	
Dec	136.2p	-0.5	0.1	134.2p	-0.1	-		209.2p	-7.1	-8.2		133.4p	0.1	2.5	
2024 Jan	136.0p	-0.2	-0.6	134.5p	0.2	-0.4		201.1p	-3.9	-9.4		133.3p	-0.1	1.4	

Source: Office for National Statistics

p = provisional
r = revised

Manufactured Products for Domestic Market, including duty				Food products, beverages and tobacco, including duty				Coke and refined petroleum products, including duty			
percentage change over				percentage change over				percentage change over			
Index (2015=100)	1 mth	12 mths		Index (2015=100)	1 mth	12 mths		Index (2015=100)	1 mth	12 mths	
6158333333				6158888897				6148190000			
	GD73				GBA7				G6SU		
2023 Jul	131.7	0.4	-4.4	134.0	-	7.6		130.2	1.9	-26.4	
Aug	132.7	0.7	-3.1	133.3	-0.5	6.3		136.1	4.5	-20.0	
Sep	134.0r	1.0	-1.3	133.0	-0.2	5.1		143.4	5.4	-11.2	
Oct	134.7	0.5	-1.6	132.8	-0.1	4.0		146.7	2.3	-10.2	
Nov	134.6	-0.1	-1.1	133.4	0.4	3.6		145.6	-0.8	-7.8	
Dec	133.4p	-0.9	-0.3	134.2p	0.6	3.5		139.0p	-4.5	-5.3	
2024 Jan	132.8p	-0.4	-0.9	134.1p	-0.1	2.5		135.5p	-2.5	-5.9	

Source: Office for National Statistics

p = provisional
r = revised

Table 2: Gross sector input prices, including Climate Change Levy¹: summary (not seasonally adjusted) - CPA 2.1

2015=100, CPA 2.1

All manufacturing (materials and fuel purchased)				All Manufacturing (materials and fuel purchased) excluding food, beverages, tobacco & petroleum				Materials purchased by manufacturing industry				Fuels purchased by manufacturing industry			
		percentage change over				percentage change over				percentage change over				percentage change over	
Index		1 mth	12 mths	Index		1 mth	12 mths	Index		1 mth	12 mths	Index		1 mth	12 mths
(2015=100)				(2015=100)				(2015=100)				(2015=100)			
7390333333				7390333392				7390333397				7390333394			
	GHIP				GHIO				GHIK				GHIM		
2023 Jul	147.3	-0.5	-3.2	144.7	-0.6	-0.1		143.9	-0.3	-4.7		256.8	-3.0	33.2	
Aug	148.8	1.0	-1.7	144.6	-0.1	-0.9		145.4	1.0	-2.8		259.6	1.1	24.0	
Sep	149.4r	0.4	-2.3	144.9r	0.2	-2.1		146.0r	0.5	-3.2		257.2	-0.9	19.2	
Oct	150.2	0.5	-2.6	145.2r	0.2	-2.3		146.9r	0.6	-3.4		256.7	-0.2	15.9	
Nov	149.4	-0.5	-2.8	145.2	-	-2.6		145.9	-0.6	-3.3		262.9	2.4	7.0	
Dec	148.8p	-0.4	-2.1	145.0p	-0.1	-2.4		144.8p	-0.7	-2.6		277.8p	5.7	6.6	
2024 Jan	147.6p	-0.8	-3.3	144.3p	-0.4	-3.2		144.1p	-0.5	-3.7		260.3p	-6.3	3.9	

Source: Office for National Statistics

¹ The Climate Change Levy was introduced in April 2001.

p = provisional

r = revised

2015=100, CPA 2.1

Source: Office for National Statistics

p = provisional
r = revised

Table 4: Input prices, excl Climate Change Levy¹: materials and fuels purchased by selected industries (not seasonally adjusted) - CPA 2.1

		2015=100, CPA 2.1									
							Percentage change		Percentage change		
		2023	2023	2023	2023	2024	1 month		12 months		
		Sep	Oct	Nov	Dec	Jan	2023	2024	2023	2024	
							Dec	Jan	Dec	Jan	
Gross sector											
Other mining & quarrying products	GHEA 7390080000	160.2r	160.7	160.7	160.4p	158.4p	-0.2	-1.2	1.6	-	
Manufacture of food products, beverages, tobacco	GHHV 7390888897	146.9	147.8r	148.3	149.3p	148.6p	0.6	-0.4	-0.3	-0.9	
Preserved meat & meat products	GHEF 7390101000	143.4	144.0	144.7	146.0p	146.7p	0.9	0.5	-2.2	-1.7	
Fish, crustaceans, molluscs, fruit & vegetables	GHEH 7390333387	143.5	145.8r	144.8	151.0p	146.8p	4.3	-2.8	0.5	0.1	
Vegetable & animal oils & fats	GHEJ 7390104000	199.2	201.2	201.6	199.3p	196.1p	-1.1	-1.6	0.7	-2.1	
Dairy products	GHEL 7390105000	147.6	148.3	149.7	150.9p	151.9p	0.8	0.6	-5.8	-5.0	
Grain mill products, starches & starch products	GHEN 7390106000	153.2	154.6	155.4	154.9p	154.4p	-0.3	-0.3	-0.4	-1.8	
Bakery & farinaceous products	GHEP 7390107000	150.5	151.4	152.1	151.8p	150.1p	-0.2	-1.1	2.2	0.3	
Other food products	GHER 7390108000	146.6	147.3	147.6	147.0p	145.8p	-0.4	-0.8	4.2	2.7	
Animal feeds	GHET 7390109000	147.0	147.5	148.3	147.9p	148.1p	-0.2	0.1	-3.6	-4.1	
Alcoholic beverages	GHEV 7390333384	149.4	150.5	150.9	151.7p	150.2p	0.5	-1.0	4.3	2.6	
Soft drinks; mineral waters & other bottled waters	GHEX 7390110700	135.9	136.0r	136.7	136.8p	136.8p	0.1	-	2.6	1.7	
Tobacco products	GHEZ 7390120000	147.7	148.4	149.2	148.8p	149.2p	-0.3	0.2	-7.3	-6.8	
Manufacture of textiles & textile products; clothing	GHHW 7390888895	133.6r	133.2	134.0	134.3p	133.8p	0.2	-0.4	2.1	1.3	
Textiles	GHFB 7390130000	135.4	135.0	135.9	136.3p	135.7p	0.3	-0.5	1.5	0.7	
Wearing apparel	GHFD 7390140000	130.4r	129.8	130.6	130.5p	130.4p	-0.1	-0.1	3.3	2.6	
Manufacture of leather & related products	GHFF 7390150000	134.8	135.1r	135.3	134.5p	133.8p	-0.5	-0.6	0.7	-0.3	
Manufacture of wood & wood products	GHFH 7390160000	153.8r	153.0r	152.6	152.4p	152.0p	-0.1	-0.2	-5.7	-5.4	
Manufacture of pulp, paper & paper products, recording media & printing services	GHHZ 7390888892	143.2r	142.7r	143.1	143.4p	141.9p	0.3	-1.1	-3.0	-4.1	
Pulp, paper & paper products	GHFJ 7390170000	147.3r	146.8r	147.4	147.8p	145.7p	0.3	-1.4	-3.4	-4.8	
Printing & recording services	GHFL 7390180000	137.7r	137.2r	137.4	137.7p	136.9p	0.2	-0.5	-2.3	-2.9	
Manufacture of coke & refined petroleum products	GHFN 7390190000	213.5	219.7	204.6	193.4p	182.4p	-5.4	-5.7	-3.8	-10.6	
Manufacture of chemicals, chemical products & man-made fibres	GHIB 7390888890	150.9	151.7	151.6	151.3p	149.0p	-0.2	-1.5	-12.0	-12.1	
Paints, varnishes & similar coatings, printing ink & mastics	GHFP 7390203000	145.2	145.2	145.1	145.0p	144.0p	-0.1	-0.7	-8.6	-8.4	
Soaps, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR 7390204000	138.8r	138.8	139.2	138.0p	137.1p	-0.9	-0.6	-1.8	-2.8	
Other chemical products	GHFT 7390205000	138.4	139.0	139.1	136.4p	134.5p	-1.9	-1.4	-4.4	-5.7	
Industrial gases; other basic inorganic chemicals; fertilisers & nitrogen compounds	GHFV 7390333378	161.4	161.9	162.9	165.0p	162.1p	1.3	-1.8	-20.5	-19.9	
Petrochemicals & man made fibres	GHFX 7390333377	154.9	156.4	155.7	155.3p	152.7p	-0.3	-1.7	-13.2	-13.3	
Dyes & pigments; pesticides & other agrochemical products	GHFZ 7390333376	154.8	155.0	154.7	155.3p	153.2p	0.4	-1.3	-8.1	-8.1	
Manufacture of basic pharmaceutical products & pharmaceutical preparations	GHGB 7390210000	125.9r	126.3r	126.9	126.6p	126.0p	-0.2	-0.5	-0.6	-2.8	
Manufacture of rubber & plastic products	GHGD 7390220000	145.8r	146.1r	146.6	146.9p	145.4p	0.2	-1.0	-3.9	-4.4	
Manufacture of cement, lime & plaster	GHGF 7390333375	160.5	161.0	161.4	161.4p	160.0p	-	-0.9	1.8	0.5	
Manufacture of glass, refractory, clay, other porcelain, ceramic stone products	GHGH 7390333374	157.6	158.2r	158.3	158.4p	156.6p	-	-1.1	0.1	-0.9	
Manufacture of basic metals & fabricated products	GHIF 7390888884	171.5r	171.8r	171.5	171.1p	170.3p	-0.2	-0.4	-2.7	-3.3	
Basic iron, steel & alloys: tubes, pipes, hollow profiles	GHGJ 7390333369	184.4r	184.2r	184.2	183.6p	182.7p	-0.3	-0.5	-5.8	-6.1	
Other basic metals & casting	GHGL 7390333368	187.0	187.4r	185.7	184.9p	183.4p	-0.4	-0.8	-2.0	-2.9	
Weapons & ammunition	GHGN 7390254000	145.3r	145.6r	145.7	145.4p	145.4p	-0.2	-0.1	3.2	2.5	
Fabricated metal products, excluding machinery & equipment & weapons & ammunition	GHGP 7390333365	163.3r	163.8r	163.8	163.7p	163.2p	-0.1	-0.3	-2.2	-3.0	
Manufacture of computer, electronic & optical products, electrical equipment	GHIG 7390888883	138.4r	138.8r	138.9	138.7p	138.2p	-0.2	-0.4	1.0	-0.5	
Computer, electronic & optical products	GHGR 7390260000	135.3r	135.5r	135.6	135.4p	134.8p	-0.1	-0.5	0.8	-0.8	
Electrical equipment	GHGT 7390270000	142.0r	142.5r	142.7	142.4p	142.0p	-0.2	-0.3	1.1	-0.3	
Manufacture of machinery & equipment n.e.c	GHGV 7390280000	146.3r	146.8r	146.8	146.5p	146.4p	-0.2	-0.1	0.2	-1.5	
Manufacturing of motor vehicles & other transport equipment	GHII 7390888881	138.3r	139.0r	138.6	138.0p	137.9p	-0.4	-0.1	-0.8	-1.6	
Motor vehicles, trailers & semi trailers	GHGX 7390290000	133.7r	134.0r	134.1	133.9p	133.8p	-0.1	-0.1	-0.2	-1.2	
Ships & boats	GHGZ 7390301000	144.1r	144.2r	143.7	143.6p	143.4p	-0.1	-0.1	-0.8	-1.0	
Aircraft & spacecraft & related machinery	GHHB 7390303000	148.6r	149.9r	148.7	147.2p	147.0p	-1.0	-0.1	-2.0	-2.6	
Other transport equipment	GHHD 7390333358	127.3r	127.5r	127.6	127.4p	127.2p	-0.2	-0.1	2.6	1.5	
Manufacture of other manufactured goods n.e.c	GHIJ 7390888880	150.0r	149.8r	149.7	149.6p	149.4p	-0.1	-0.1	-1.6	-2.0	
Furniture	GHHF 7390310000	150.3r	149.7r	149.6	149.6p	149.4p	-	-0.1	-2.6	-2.4	
Other manufacturing	GHHH 7390320000	149.7r	149.8r	149.8	149.6p	149.4p	-0.1	-0.2	-0.8	-1.6	
Repair & maintenance of ships & boats	GHHJ 7390331500	143.1	143.2r	143.1	142.7p	142.5p	-0.3	-0.1	-2.7	-3.0	
Repair & maintenance services of aircraft & spacecraft	GHHL 7390331600	117.2	118.9	117.0	115.0p	115.5p	-1.6	0.4	-2.5	-2.2	
Other repair; installation	GHHN 7390333355	138.1	138.7r	138.9	138.3p	137.8p	-0.4	-0.3	0.6	0.1	

Source: Office for National Statistics

¹ Climate Change Levy is excluded from the detailed industry input index

p = provisional

r = revised

Table 5: Input prices: detailed by commodity (not seasonally adjusted) - CPA 2.1

		2015=100, CPA 2.1									
							Percentage change 1 month		Percentage change 12 months		
		2023 Sep	2023 Oct	2023 Nov	2023 Dec	2024 Jan	2023 Dec	2024 Jan	2023 Dec	2024 Jan	
Fuel excl. CCL	FSQ3 7490222295	267.9	266.7	273.4	288.7p	270.8p	5.6	-6.2	5.7	3.3	
Mining of coal & lignite excl. CCL	GHDW 7390050000	187.0	183.2r	185.0	181.3p	179.9p	-2.0	-0.8	-7.6	-5.4	
Electricity excl. CCL	GHHP 7390351000	256.0	254.8	259.7	272.8p	256.4p	5.1	-6.0	5.1	1.6	
Gas excl. CCL	GHHR 7390444499	246.1	253.5	257.4	269.5p	251.1p	4.7	-6.8	6.8	8.6	
Crude Oil	FSQ4 7490444498	215.4	222.1	204.3	192.4p	180.5p	-5.8	-6.2	-3.6	-11.4	
Domestic crude oil & metal ores	GGT3 7190222295	216.8	224.6	207.1	198.9p	183.1p	-3.9	-8.0	-0.7	-12.7	
Imported crude oil & metal ores	GHBV 7290222295	213.2	217.7	199.4	181.0p	175.9p	-9.3	-2.8	-9.0	-8.7	
Home produced food:	FSP7 7190351000	140.5	141.5r	142.1	142.9p	142.9p	0.6	-	-2.2	-2.2	
Products of agriculture, hunting and related services	GGO7 7190010000	147.7	149.2r	151.1	151.5p	154.3p	0.2	1.8	-9.6	-7.3	
Fish & other fish products	GGs8 7190030000	125.5r	133.2r	126.5	151.7p	135.7p	20.0	-10.5	-0.8	0.2	
Preserved meat and meat products	GH2M 7190101000	126.9	126.9	126.5	127.2p	127.3p	0.6	0.1	4.5	4.5	
Processed fish & fish products; fruit & vegetables	GH7R 7190333387	129.4	128.6	129.7	129.5p	128.8p	-0.2	-0.5	6.6	3.3	
Vegetable & animal oils and fats	GH7S 7190104000	188.9	190.1	189.0	185.3p	181.4p	-2.0	-2.1	-6.6	-10.0	
Dairy products	GH8A 7190105000	146.8	145.7	146.5	146.9p	145.8p	0.3	-0.7	-9.1	-9.8	
Grain mill products, starches and starch products	GH8B 7190106000	145.2	148.0	149.0	147.6p	147.6p	-0.9	-	3.8	2.2	
Bakery and Farinaceous products	GH8C 7190107000	133.5	133.4	133.9	133.5p	132.8p	-0.3	-0.5	4.6	3.0	
Other Food products	GH8L 7190108000	125.4	125.8	126.2	126.4p	125.9p	0.1	-0.4	8.1	6.3	
Prepared animal feeds	GH98 7190109000	146.8	145.0	145.2	144.1p	144.4p	-0.7	0.2	-8.8	-9.0	
Imported food materials	FSP9 7490333354	172.3	173.6r	172.7	173.2p	172.4p	0.3	-0.5	7.8	4.6	
Agricultural crop products	GHBQ 7290010000	130.6	130.9	131.3	142.7p	142.1p	8.7	-0.5	5.3	3.0	
Fish & fish products	GHBS 7290030000	168.8	171.3	168.4	165.4p	164.9p	-1.8	-0.3	2.5	2.6	
Meat & meat products	GHBX 7290101000	189.2r	186.8r	184.4	184.0p	183.2p	-0.2	-0.4	5.5	3.5	
Processed fish & fish products; fruit & vegetables	GHBY 7290333387	139.0	139.5	138.1	138.0p	139.2p	-0.1	0.9	1.7	2.5	
Vegetable & animal oils & fats	GHBZ 7290104000	248.0	251.2	254.6	251.1p	252.7p	-1.4	0.7	19.3	15.2	
Dairy products	GHCA 7290105000	160.1r	161.4r	161.3	161.3p	165.4p	-	2.5	-4.1	-2.1	
Grain mill products & starches	GHCB 7290106000	190.4	192.6	192.7	188.5p	181.1p	-2.2	-3.9	13.4	-0.3	
Bakery & farinaceous products	GHCC 7290107000	184.2	185.4	185.8	184.0p	183.9p	-1.0	-0.1	18.9	-0.3	
Other food products	GHCD 7290108000	251.8	259.1	255.4	236.3p	234.4p	-7.5	-0.8	14.7	11.7	
Prepared animal feeds	GHCE 7290109000	169.5	172.0	172.7	171.0p	170.6p	-1.0	-0.3	-3.0	-4.3	
Other home produced materials	FSQ2 7490333353	149.3r	149.6r	149.1	147.1p	146.0p	-1.3	-0.7	-4.3	-5.0	
Forestry products	GGP2 7190020000	169.1	169.1	169.1	169.1p	169.1p	-	-	-21.9	-21.9	
Other mining & quarrying products exc agg	GH2L 7190080000	149.2	149.4	149.5	149.3p	149.7p	-0.2	0.3	5.1	4.6	
Textiles	GHAE 7190130000	126.0	125.3	126.9	127.0p	127.2p	0.1	0.1	7.0	5.2	
Wearing apparel	GHAF 7190140000	114.4	114.2	114.6	114.6p	115.1p	-	0.4	2.7	2.5	
Leather and related products	GHAG 7190150000	127.7	128.5	128.5	128.5p	128.5p	-	-	5.7	4.5	
Wood and products of wood and cork, exc furniture	GHAH 7190160000	152.8r	151.0r	150.8	151.1p	151.8p	0.2	0.5	-4.6	-3.1	
Paper and paper products	GHAJ 7190170000	132.2	131.6r	131.6	131.4p	130.9p	-0.2	-0.4	-7.0	-7.7	
Coke & refined petroleum products	GHAK 7190190000	219.8	228.2	225.3	209.2p	201.1p	-7.1	-3.9	-8.2	-9.4	
Water collection, treatment & supply	GHPB 7190360000	121.8	121.8	121.8	121.8p	121.8p	-	-	9.8	9.8	

Source: Office for National Statistics

p = provisional
r = revised

Table 5: Input prices: detailed by commodity (not seasonally adjusted) - CPA 2.1

								2015=100, CPA 2.1			
								Percentage change 1 month		Percentage change 12 months	
								2023 Dec	2024 Jan	2023 Dec	2024 Jan
			2023 Sep	2023 Oct	2023 Nov	2023 Dec	2024 Jan				
Inputs of Metals and Non-Metallic Mineral products	FSQ8	7390333351	169.2r	169.8r	169.2	168.5p	168.8p	-0.4	0.2	-2.5	-3.6
Cement, lime, plaster and articles of concrete, cement & plaster	GHGF	7390333375	160.5	161.0	161.4	161.4p	160.0p	-	-0.9	1.8	0.5
Glass, refractory clay, porcelain, ceramic and stone products	GHGH	7390333374	157.6	158.2r	158.3	158.4p	156.6p	-	-1.1	0.1	-0.9
Basic iron, steel & alloys, tubes, pipes, hollow profiles and fittings	GHGJ	7390333369	184.4r	184.2r	184.2	183.6p	182.7p	-0.3	-0.5	-5.8	-6.1
Other basic metals & casting	GHGL	7390333368	187.0	187.4r	185.7	184.9p	183.4p	-0.4	-0.8	-2.0	-2.9
Weapons & ammunition	GHGN	7390254000	145.3r	145.6r	145.7	145.4p	145.4p	-0.2	-0.1	3.2	2.5
Fabricated metal products excluding weapons & ammunition	GHGP	7390333365	163.3r	163.8r	163.8	163.7p	163.2p	-0.1	-0.3	-2.2	-3.0
Inputs of Chemicals	FSQ7	7490333352	136.1	136.4	136.6	135.7p	135.1p	-0.6	-0.4	-8.5	-8.5
Paints, varnishes & coatings, printing inks & other mastics	GHFP	7390203000	145.2	145.2	145.1	145.0p	144.0p	-0.1	-0.7	-8.6	-8.4
Soap, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR	7390204000	138.8r	138.8	139.2	138.0p	137.1p	-0.9	-0.6	-1.8	-2.8
Other chemical products	GHFT	7390205000	138.4	139.0	139.1	136.4p	134.5p	-1.9	-1.4	-4.4	-5.7
Industrial gases, inorganic chemicals, fertilisers & nitrogen compounds	GHFV	7390333378	161.4	161.9	162.9	165.0p	162.1p	1.3	-1.8	-20.5	-19.9
Petrochemicals	GHFX	7390333377	154.9	156.4	155.7	155.3p	152.7p	-0.3	-1.7	-13.2	-13.3
Dyes & pigments; pesticides & other agro-chemical products	GHFZ	7390333376	154.8	155.0	154.7	155.3p	153.2p	0.4	-1.3	-8.1	-8.1
Basic pharmaceutical products & pharmaceutical preparations	GHGB	7390210000	125.9r	126.3r	126.9	126.6p	126.0p	-0.2	-0.5	-0.6	-2.8
Rubber & plastic products	GHGD	7390220000	145.8r	146.1r	146.6	146.9p	145.4p	0.2	-1.0	-3.9	-4.4
Other parts & equipment	FSQ9	7490333349	123.4	124.0	123.8	123.2p	123.1p	-0.5	-0.1	1.5	0.5
Computer, electronic & optical products	GHGR	7390260000	135.3r	135.5r	135.6	135.4p	134.8p	-0.1	-0.5	0.8	-0.8
Electrical equipment	GHGT	7390270000	142.0r	142.5r	142.7	142.4p	142.0p	-0.2	-0.3	1.1	-0.3
Machinery & equipment n.e.c	GHGV	7390280000	146.3r	146.8r	146.8	146.5p	146.4p	-0.2	-0.1	0.2	-1.5
Motor vehicles, trailers & semi-trailers	GHGX	7390290000	133.7r	134.0r	134.1	133.9p	133.8p	-0.1	-0.1	-0.2	-1.2
Ships & boats	GHGZ	7390301000	144.1r	144.2r	143.7	143.6p	143.4p	-0.1	-0.1	-0.8	-1.0
Aircraft, spacecraft & related machinery	GHHB	7390303000	148.6r	149.9r	148.7	147.2p	147.0p	-1.0	-0.1	-2.0	-2.6
Other transport equipment	GHHD	7390333358	127.3r	127.5r	127.6	127.4p	127.2p	-0.2	-0.1	2.6	1.5
Other Inputs	FSQ6	7490111196	121.1	121.6	121.3	121.3p	123.0p	-0.1	1.5	2.6	3.0
Printing & recording services	GHFL	7390180000	137.7r	137.2r	137.4	137.7p	136.9p	0.2	-0.5	-2.3	-2.9
Furniture	GHHF	7390310000	150.3r	149.7r	149.6	149.6p	149.4p	-	-0.1	-2.6	-2.4
Other manufactured goods n.e.c	GHHH	7390320000	149.7r	149.8r	149.8	149.6p	149.4p	-0.1	-0.2	-0.8	-1.6
Repair & maintenance of ships and boats	GHHJ	7390331500	143.1	143.2r	143.1	142.7p	142.5p	-0.3	-0.1	-2.7	-3.0
Repair & maintenance of aircraft and spaceships	GHHL	7390331600	117.2	118.9	117.0	115.0p	115.5p	-1.6	0.4	-2.5	-2.2
Rest of repair and installation	GHHN	7390333355	138.1	138.7r	138.9	138.3p	137.8p	-0.4	-0.3	0.6	0.1
Imported materials:											
Total Imports	GD74	8170111199	143.8	144.9	143.0	140.5p	139.3p	-1.8	-0.9	-2.4	-4.3

Source: Office for National Statistics

p = provisional
r = revised

Table 6R: Output prices: revisions (not seasonally adjusted) - CPA 2.1

2015=100, CPA 2.1

Output of manufactured products				All manufacturing excluding food, beverages, tobacco and petroleum			
	Index (2015=100)	percentage change over		Index (2015=100)	percentage change over		
		1 mth	12 mths		1 mth	12 mths	
	6150333333			6150333390			
	GB7S			GBBV			
2023 Jan	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-
May	-	-	-	-	0.1	-	-
Jun	-	-	-	-	-	-	-
Jul	-	-	-	-0.1	-	-	-
Aug	-	-	-	-	-	-	-
Sep	-0.1	-	-	-0.2	-0.1	-0.2	-
Oct	-0.1	-	-0.1	-0.1	0.1	-0.1	-
Nov	-0.1	-	-0.1	-0.1	-	-0.1	-
Dec	-	0.1	-	-0.2	-0.1	-0.1	-

Source: Office for National Statistics

Please see Statistical Bulletin section entitled "Data revisions policy" for further information