

Statistical bulletin

# Producer price inflation, UK: May 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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# 1 . Main points

- Producer input prices fell by 0.1% in the year to May 2024, up from a revised fall of 1.4% in the year to April.
- Producer output (factory gate) prices rose by 1.7% in the year to May 2024, up from an increase of 1.1% in the year to April.
- On a monthly basis, producer input prices showed no movement, while output (factory gate) prices fell by 0.1% in May 2024.
- The annual inflation rates for both input and output PPI are at their highest levels since May 2023, based on provisional data.

## 2 . Producer price inflation rates

Producer input prices fell by 0.1% in the year to May 2024, up from a revised fall of 1.4% in the year to April (Figure 1). Monthly input prices were unchanged between April and May 2024, following a revised monthly inflation rate of 0.8% in April (Table 1).

Producer output (factory gate) prices rose 1.7% in the year to May 2024, up from an increase of 1.1% in the year to April. Monthly output prices fell by 0.1% in May 2024, following a revised monthly inflation rate of 0.3% in April (Table 1).

The annual inflation rates for both input and output PPI are at their highest levels since May 2023 (Figure 1).

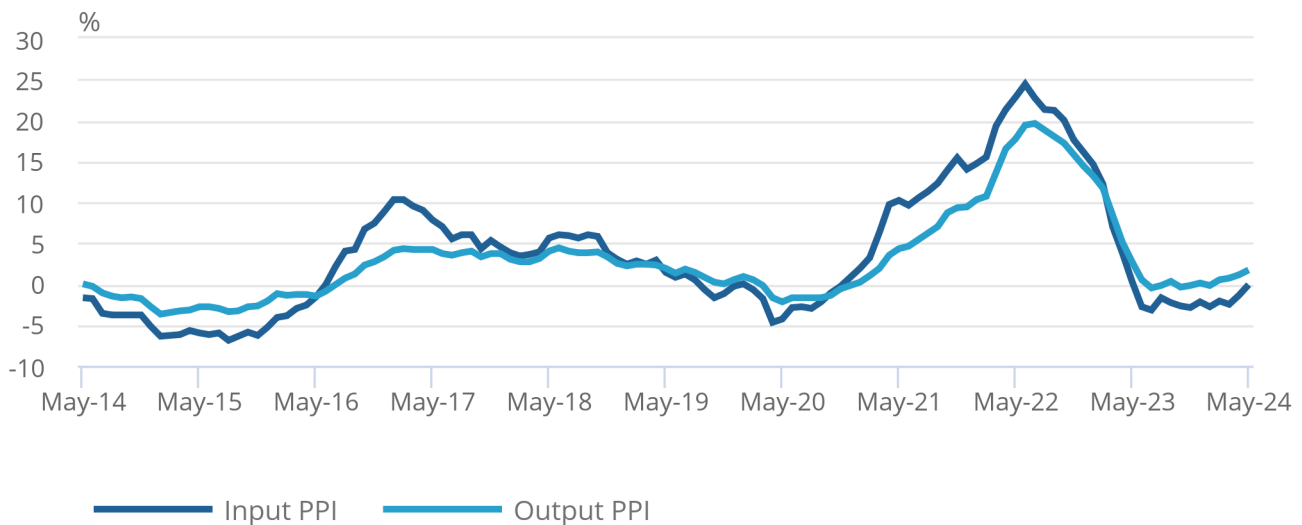
Estimates for both April and May 2024 are provisional, and figures for the latest 12 months are subject to revisions as additional survey data are returned and validated. Effective response rates at time of first publishing can be found in [Section 8: Strengths and limitations](#).

**Figure 1: The annual input PPI inflation rate was negative in May 2024 while the annual output PPI inflation rate was positive**

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

Figure 1: The annual input PPI inflation rate was negative in May 2024 while the annual output PPI inflation rate was positive

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



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

Table 1: Producer prices, index values, inflation rates and percentage point changes to the annual inflation rates  
UK, May 2023 to May 2024

		<b>All materials and fuels purchased (GHIP)</b>				<b>All manufactured products (GB7S)</b>			
		<b>Input PPI (2015=100)</b>	<b>Monthly inflation rate</b>	<b>Annual inflation rate</b>	<b>Change in the annual inflation rate (percentage points)</b>	<b>Output PPI (2015=100)</b>	<b>Monthly inflation rate</b>	<b>Annual inflation rate</b>	<b>Change in the annual inflation rate (percentage points)</b>
<b>2023</b>	<b>May</b>	149.7	-1.3	0.3	-3.5	135.2	-0.6	2.7	-2.4
	<b>June</b>	148.0	-1.2	-2.8	-3.1	135.2	0.0	0.5	-2.2
	<b>July</b>	147.3	-0.5	-3.2	-0.4	135.5	0.3	-0.5	-1.0
	<b>Aug</b>	148.8	1.0	-1.7	1.5	135.9	0.3	-0.2	0.3
	<b>Sept</b>	149.4	0.4	-2.3	-0.6	136.6	0.5	0.3	0.5
	<b>Oct</b>	150.1	0.5	-2.7	-0.4	136.9	0.3	-0.4	-0.7
	<b>Nov</b>	149.4	-0.5	-2.9	-0.2	136.9	0.0	-0.2	0.2
	<b>Dec</b>	148.8	-0.4	-2.2	0.7	136.3	-0.4	0.1	0.3
<b>2024</b>	<b>Jan</b>	148.3	-0.3	-2.8	-0.6	136.4	0.1	-0.2	-0.3
	<b>Feb</b>	148.7	0.3	-2.1	0.7	136.8	0.3	0.5	0.7
	<b>Mar</b>	148.3	-0.3	-2.5	-0.4	137.2	0.2	0.7	0.2
	<b>Apr</b>	149.6	0.8	-1.4	1.1	137.5	0.3	1.1	0.4
	<b>May</b>	149.6	0.0	-0.1	1.3	137.4	-0.1	1.7	0.6

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

#### Notes

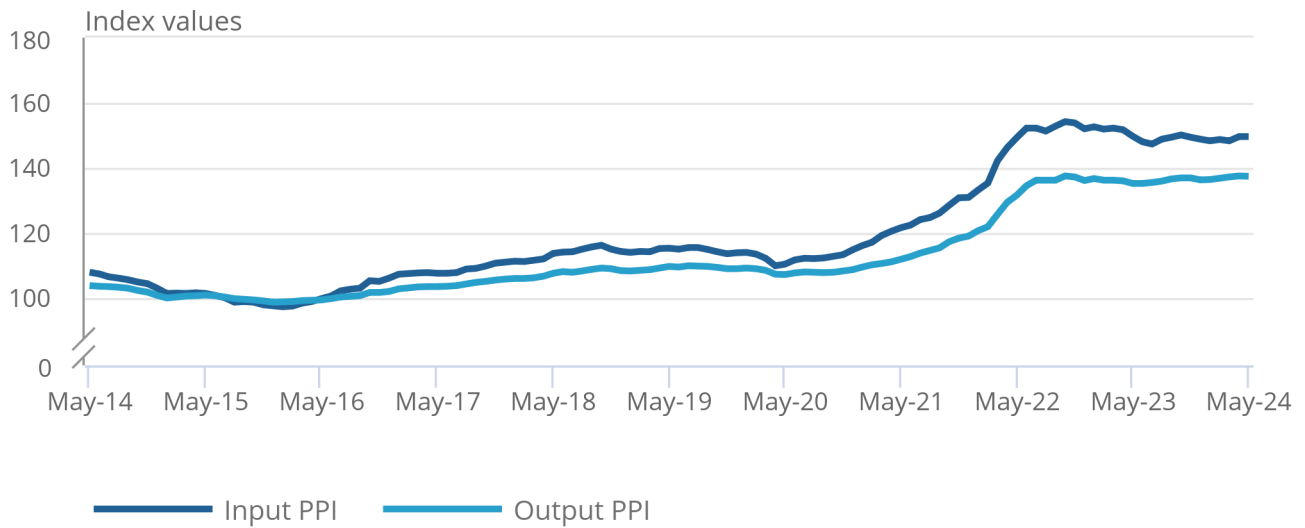
1. Rates may not correspond to index value changes because of rounding.

**Figure 2: Input PPI remained unchanged while output PPI fell slightly in May 2024**

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

Figure 2: Input PPI remained unchanged while output PPI fell slightly in May 2024

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



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

### 3 . Input producer price inflation

Producer input prices fell by 0.1% in the year to May 2024, up from a fall of 1.4% in the year to April.

Of the 10 product groups for the input Producer Price Index (PPI), 5 made downward contributions to the annual inflation rate in May 2024. The largest of these came from inputs of fuels, inputs of other parts and equipment, and inputs of chemicals, which contributed negative 0.59, 0.55 and 0.52 percentage points, respectively (Figure 3).

Fuel prices fell by 12.0% in the year to May 2024, up from a fall of 14.0% in the year to April (Table 2). The main contribution to this fall came from electricity prices. Fuel covers electricity and gas (D35) and coal (B05) of the [classification of products by activity \(CPA 2.1\)](#).

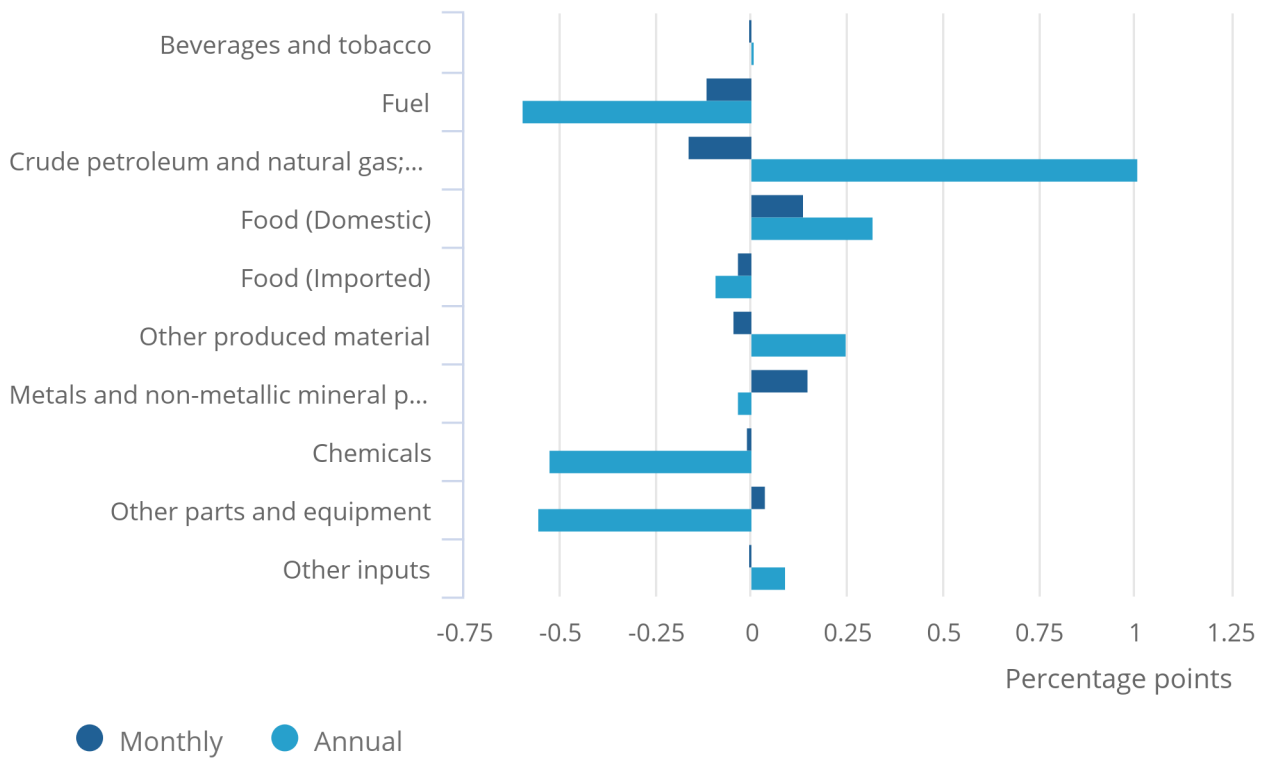
In comparison, the largest offsetting upward contribution came from inputs of crude petroleum at 1.01 percentage points. The annual inflation rate for crude petroleum increased from 13.9% in April 2024 to 18.3% in May.

### Figure 3: Fuel provided the largest downward contribution to the annual inflation rate of input PPI

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

## Figure 3: Fuel provided the largest downward contribution to the annual inflation rate of input PPI

Input Producer Price Index (PPI), percentage point contributions to the monthly and annual inflation rate, UK, May 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.
2. Fuel covers electricity and gas (D35) and coal (B05) of the [classification of products by activity \(CPA 2.1\)](#).

Table 2: Input producer prices, inflation rates  
UK, April and May 2024

Product group	April 2024		May 2024	
	Monthly inflation rate	Annual inflation rate	Monthly inflation rate	Annual inflation rate
Beverages and tobacco	0.5	-0.1	0.9	0.5
Fuel	-5.3	-14.0	-2.3	-12.0
Crude petroleum and natural gas; Metal ores	11.3	13.9	-2.4	18.3
Food (Domestic)	1.3	0.7	1.0	1.2
Food (Imported)	0.3	-1.8	-1.0	-4.7
Other produced material	0.8	0.2	-0.4	1.0
Metals and non-metallic mineral products	0.6	-3.6	0.7	-1.4
Chemicals	-0.3	-6.0	0.0	-3.6
Other parts and equipment	0.4	1.1	0.2	1.2
Other inputs	0.3	2.9	0.0	2.5
Manufactured products	0.8	-1.4	0.0	-0.1

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

Of the 10 product groups for input PPI, 7 made upward contributions to the change in the annual inflation rate in May 2024. Inputs of metals and non-metallic minerals provided the largest, at 0.47 percentage points (Figure 4). The annual inflation rate for this product group increased from negative 3.6% in April 2024 to negative 1.4% in May.

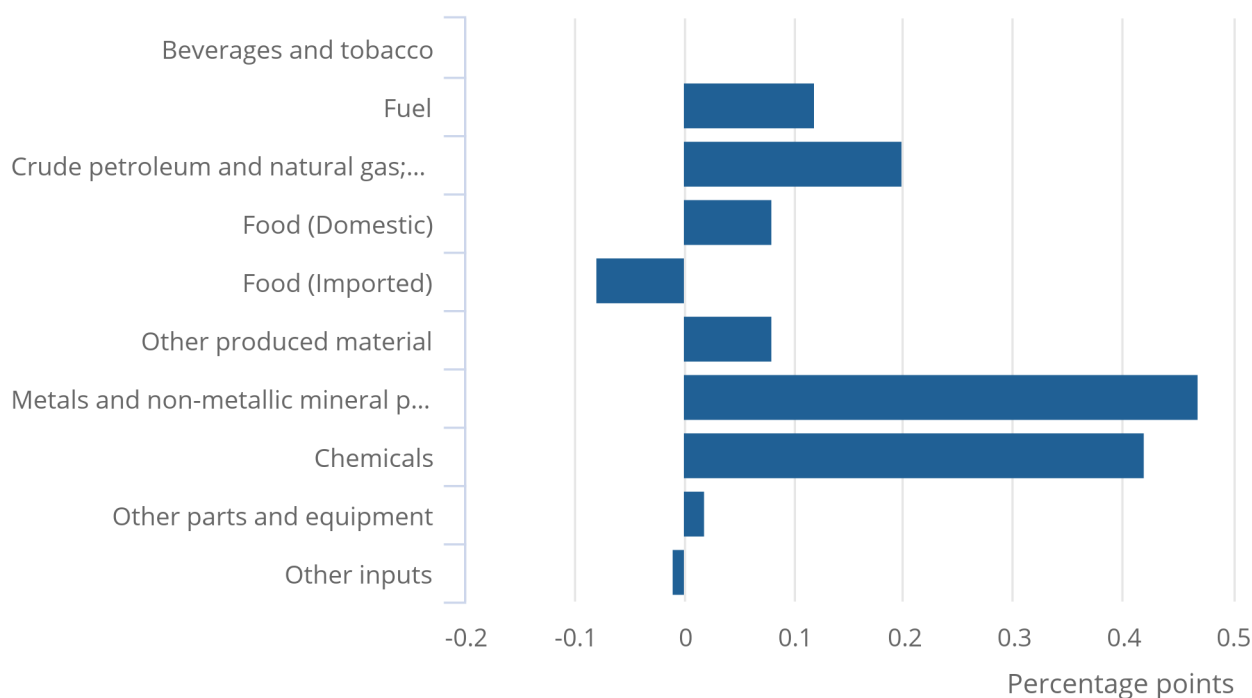


## Figure 4: Inputs of metals provided the largest upward contribution to the change in the annual inflation rate of input PPI

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

### Figure 4: Inputs of metals provided the largest upward 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, May 2024



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

#### Notes:

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

The prices of materials and fuels imported by UK manufacturers fell by 0.7% in the year to May 2024, up from a fall of 1.3% in the year to April. Prices fell by 0.7% between April and May 2024, compared with a revised rise of 0.8% between March and April. The fall in import prices in the year to May 2024 may partly reflect the higher level of sterling, which rose by 3.3% in the same year (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, May 2023 to May 2024

		<b>Imported materials and fuels purchased (GD74)</b>				<b>Sterling effective exchange rate - month average (BK67)</b>		
		<b>Import PPI (2015=100)</b>	<b>Monthly inflation rate</b>	<b>Annual inflation rate</b>	<b>Change in the annual inflation rate (percentage points)</b>	<b>Sterling Index (Jan 2005=100)</b>	<b>Monthly rate</b>	<b>Annual rate</b>
<b>2023</b>	<b>May</b>	141.7	-1.4	1.1	-4.1	80.1	1.0	0.3
	<b>June</b>	139.7	-1.4	-2.6	-3.7	81.7	2.0	3.0
	<b>July</b>	138.6	-0.8	-3.1	-0.5	82.6	1.1	4.7
	<b>Aug</b>	140.7	1.5	-2.2	0.9	82.3	-0.3	4.1
	<b>Sept</b>	143.8	2.2	-4.0	-1.8	81.4	-1.1	6.7
	<b>Oct</b>	144.9	0.8	-3.8	0.2	80.5	-1.1	4.6
	<b>Nov</b>	143.0	-1.3	-2.8	1.0	81.1	0.7	3.8
	<b>Dec</b>	140.3	-1.8	-2.5	0.3	81.8	0.9	3.5
<b>2024</b>	<b>Jan</b>	139.7	-0.5	-4.0	-1.5	82.3	0.6	5.1
	<b>Feb</b>	140.6	0.7	-3.7	0.3	82.4	0.1	5.9
	<b>Mar</b>	140.6	0.0	-3.1	0.6	82.8	0.5	5.8
	<b>Apr</b>	141.8	0.8	-1.3	1.8	82.4	-0.5	3.9
	<b>May</b>	140.7	-0.7	-0.7	0.6	82.8	0.5	3.3

Source: Producer Price Index (PPI) from the Office for National Statistics and sterling effective Exchange Rate Index (ERI) from the Bank of England

#### Notes

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

## 4 . Output producer price inflation

Producer output (factory gate) prices rose by 1.7% in the year to May 2024, up from a rise of 1.1% in the year to April.

Of the 10 product groups for the output Producer Price Index (PPI), 7 made upward contributions to the annual inflation rate in May 2024. The largest of these came from refined petroleum products and "other outputs", which contributed 2.54 and 1.12 percentage points, respectively (Figure 5).

Coke and refined petroleum prices rose by 16.2% in the year to May 2024 (Table 4), up from 12.8% in the year to April. This is the highest the annual inflation rate for this product group has been since January 2023. Prices for "other outputs" rose by 2.3% in the year to May 2024, up from a rise of 2.0% in the year to April.

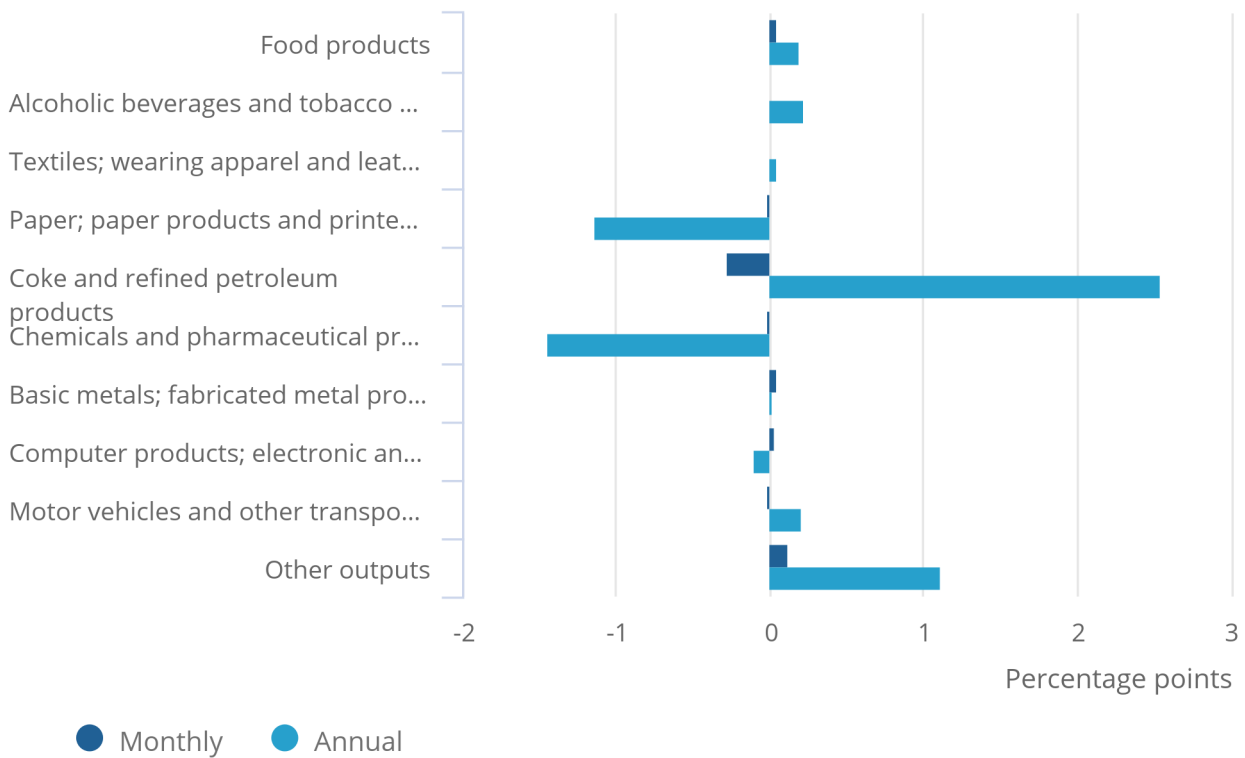
In comparison, offsetting downward contributions came from chemicals and paper products, at negative 1.44 and 1.14 percentage points, respectively. Chemical prices fell by 4.0% in the year to May 2024 (Table 4), which was primarily driven by fertiliser prices.

**Figure 5: Petroleum products provided the largest upward contribution to the annual inflation rate of output PPI**

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

**Figure 5: Petroleum products provided the largest upward contribution to the annual inflation rate of output PPI**

Output Producer Price Index (PPI), percentage point contributions to the monthly and annual inflation rate, UK, May 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.

Table 4: Output producer prices, inflation rates  
UK, April and May 2024

Product group	April 2024		May 2024	
	Monthly inflation rate	Annual inflation rate	Monthly inflation rate	Annual inflation rate
Food products	0.6	0.2	0.2	0.2
Alcoholic beverages and tobacco products	0.5	0.0	0.1	-1.2
Textiles; wearing apparel and leather products	0.5	4.1	0.5	4.1
Paper; paper products and printed material	0.2	-2.7	-0.1	-2.4
Coke and refined petroleum products	0.0	12.8	-3.1	16.2
Chemicals and pharmaceutical preparations	-0.3	-8.8	-0.1	-4.0
Basic metals; fabricated metal products and machinery	0.1	0.1	0.3	0.5
Computer products; electronic and electrical products	0.0	4.1	1.1	5.2
Motor vehicles and other transport equipment	0.3	2.5	-0.1	2.4
Other outputs	0.2	2.0	0.5	2.3
Manufactured products	0.3	1.1	-0.1	1.7

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

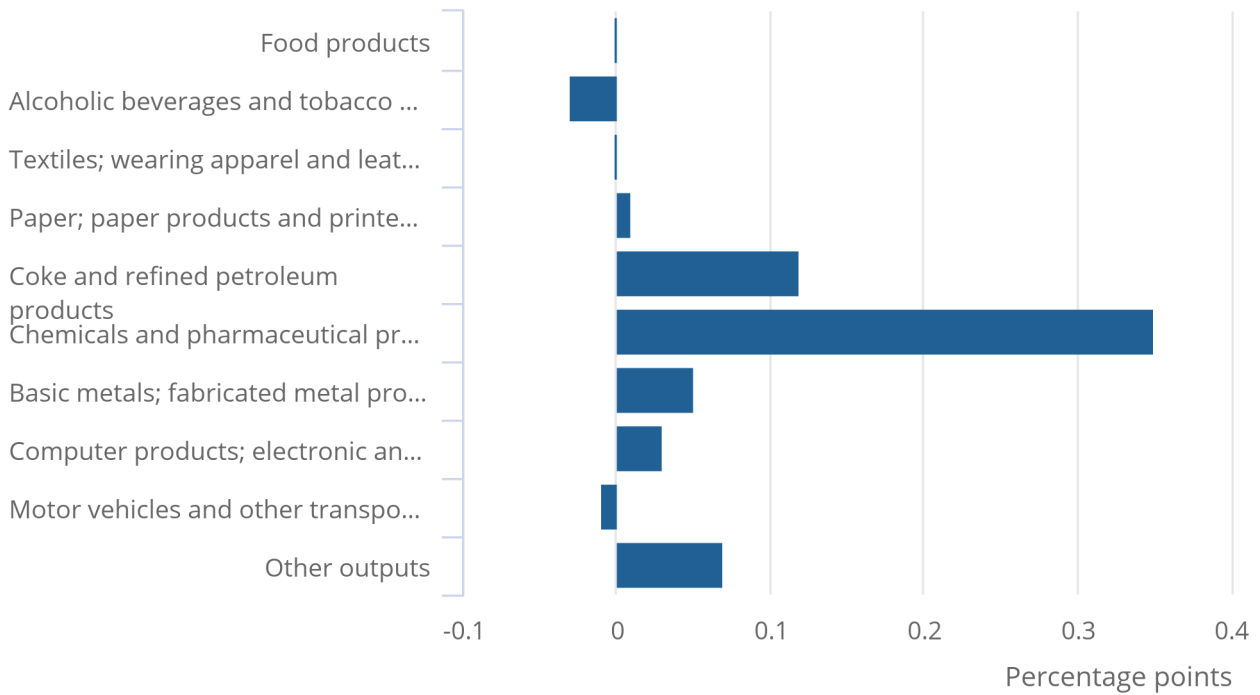
Of the 10 product groups for output PPI, 6 made upward contributions to the change in the annual inflation rate in May 2024. Chemicals provided the largest, at 0.35 percentage points (Figure 6). The annual inflation rate for this product group increased from negative 8.8% in April 2024 to negative 4.0% in May.

**Figure 6: Chemicals provided the largest upward contribution to the change in the annual inflation rate of output PPI**

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

**Figure 6: Chemicals provided the largest upward contribution to the change in the annual inflation rate of output PPI**

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



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

Notes:

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

## 5 . Producer price inflation data

[Producer price inflation time series](#) Dataset | Released 19 June 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 19 June 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 19 June 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

Since the aggregate producer prices indices are built up from individual product indices, it is possible to decompose overall inflation into contributions from different products. Those contributions reflect both the inflation rates for each product and their weight in the index. For more worked examples, see the scenarios in [Section 7: Measuring the data](#).

### 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 either imported or sourced from 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 output price (also known as the factory gate 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 to the annual rate, 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:

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

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 \(PDF, 1.18MB\)](#)
- [SPPI user guidance and methodology](#)
- [PPI standard errors: 2017 datasets](#)
- [UK SPPI standard errors: 2016 to 2017 article](#)

## Sterling effective exchange rate

The sterling effective exchange rate measures the level of sterling relative to a basket of other currencies. The weights in the basket reflect all UK trade, and may therefore be different from those for manufactured goods, which are most relevant for producer prices.

## 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, 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 May 2024

In May 2024, the response rates for the domestic PPI and the Import Price Index (IPI) were higher than they were in May 2023, whereas the response rate for the Export Price Index (EPI) was lower (Table 5).

Table 5: Producer Price Index (PPI), Import Price Index (IPI) and Export Price Index (EPI) overall effective response rates at time of first publishing UK, May 2023 to May 2024

	Weighted response		
	PPI (domestic)	IPI	EPI
<b>May 2023</b>	78.3	82.2	75.8
<b>June 2023</b>	76.1	80.4	77.7
<b>July 2023</b>	74.8	82.4	72.2
<b>August 2023</b>	79.0	83.9	77.3
<b>September 2023</b>	80.3	80.8	73.4
<b>October 2023</b>	81.0	81.3	75.0
<b>November 2023</b>	84.7	84.6	78.9
<b>December 2023</b>	82.0	85.0	77.6
<b>January 2024</b>	76.4	78.6	68.3
<b>February 2024</b>	83.1	82.8	80.3
<b>March 2024</b>	81.9	81.7	79.0
<b>April 2024</b>	85.0	80.0	77.5
<b>May 2024</b>	82.7	84.6	74.0

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

## Accredited official statistics

These accredited official statistics were independently reviewed by the Office for Statistics Regulation in May 2010. They comply with the standards of trustworthiness, quality and value in [the Code of Practice for Statistics](#) and should be labelled "accredited official 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.

### [Private rent and house prices, UK](#)

Bulletin | Released monthly

The Price Index of Private Rents (PIPR) measures private rent inflation for new and existing tenancies. The UK House Price Index measures house price inflation.

### [Construction output in Great Britain: March 2024, new orders and Construction Output Price Indices, January to March 2024](#)

Bulletin | Released 10 May 2024

Short-term measures of output by construction industry in March 2024, contracts awarded for new construction work in Great Britain and a summary of the Construction Output Price Indices (OPIs) in the UK for Quarter 1 (Jan to Mar) 2024.

### [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 19 June 2024, ONS website, statistical bulletin, [Producer price inflation, UK: May 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		
	Index (2015=100)	percentage change over		Index (2015=100)	percentage change over		Index (2015=100)	percentage change over		Index (2015=100)	percentage change over	
		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths
	6150333333			6150333390			6140190000			615088897		
	GB7S			GBBV			G6ST			GBA6		
2023 Nov	136.9	-	-0.2	134.2	-	-	225.3	-1.3	-12.2	133.3	0.3	3.2
Dec	136.3	-0.4	0.1	134.3	0.1	0.1	209.2	-7.1	-8.2	133.4	0.1	2.5
2024 Jan	136.4	0.1	-0.2	134.9	0.4	-0.1	205.5	-1.8	-7.4	133.5	-	1.6
Feb	136.8	0.3	0.5	134.9	-	0.3	213.1	3.7	1.8	133.3	-0.1	0.6
Mar	137.2	0.2	0.7	135.3	0.2	0.2	214.8	0.8	7.1	133.4	-	0.2
Apr	137.5p	0.3	1.1	135.5p	0.2	0.3	214.8p	-	12.8	134.1p	0.5	0.1
May	137.4p	-0.1	1.7	135.8p	0.2	1.0	208.1p	-3.1	16.2	134.5p	0.3	0.3

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		
	Index (2015=100)	percentage change over		Index (2015=100)	percentage change over		Index (2015=100)	percentage change over	
		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths
	6158333333			615888897			6148190000		
	GD73			GBA7			G6SU		
2023 Nov	134.5	-0.1	-1.1	133.4	0.5	3.6	145.5	-0.8	-7.8
Dec	133.5	-0.8	-0.3	134.2	0.6	3.5	139.0	-4.5	-5.3
2024 Jan	133.4	-	-0.5	134.4	0.1	2.7	137.1	-1.4	-4.9
Feb	134.0	0.4	0.7	134.2	-0.1	2.0	140.0	2.1	0.5
Mar	134.3	0.3	1.2	134.2	-	1.6	140.9	0.7	3.6
Apr	134.7p	0.3	1.8	134.9p	0.5	0.8	141.1p	0.1	6.7
May	134.5p	-0.2	2.5	135.3p	0.3	1.0	138.8p	-1.6	8.4

Source: Office for National Statistics

p = provisional  
r = revised

**Table 2: Gross sector input prices, including Climate Change Levy<sup>1</sup>: 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		
	Index (2015=100)	percentage change over		Index (2015=100)	percentage change over		Index (2015=100)	percentage change over		Index (2015=100)	percentage change over	
		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths
	7390333333			7390333392			7390333397			7390333394		
	GHIP			GHIO			GHIK			GHIM		
2023 Nov	149.4r	-0.5	-2.9	145.0	-0.1	-2.7	145.8	-0.6	-3.4	262.9	2.4	7.0
Dec	148.8r	-0.4	-2.2	144.8	-0.1	-2.5	145.0r	-0.6	-2.5	271.9	3.4	4.3
2024 Jan	148.3	-0.3	-2.8	144.8r	-	-2.9	144.5	-0.3	-3.4	269.7	-0.8	7.6
Feb	148.7	0.3	-2.1	144.7	-0.1	-2.7	145.1r	0.4	-2.6	268.1	-0.6	8.8
Mar	148.3	-0.3	-2.5	144.3	-0.3	-3.2	145.3	0.1	-2.7	247.7	-7.6	0.6
Apr	149.6p	0.8	-1.4	144.4p	0.1	-3.0	146.9p	1.2	-0.7	235.1p	-5.1	-13.5
May	149.6p	-	-0.1	144.6p	0.1	-1.6	147.1p	0.1	0.5	229.6p	-2.3	-11.8

Source: Office for National Statistics

<sup>1</sup> The Climate Change Levy was introduced in April 2001.

p = provisional  
r = revised

**Table 3: Output prices: Detailed by product (not seasonally adjusted) - CPA 2.1**

		2015=100, CPA 2.1									
		2024	2024	2024	2024	2024	Percentage change 1 month		Percentage change 12 months		
		Jan	Feb	Mar	Apr	May	2024 Apr	2024 May	2024 Apr	2024 May	
<b>Gross Sector</b>											
Output of manufactured products	GB7S 6158333333	136.4	136.8	137.2	137.5p	137.4p	0.3	-0.1	1.1	1.7	
All manufacturing, excluding food, beverages, tobacco and petroleum	GBBV 6150333390	134.9	134.9	135.3	135.5p	135.8p	0.2	0.2	0.3	1.0	
<hr/>											
Food products, beverages and tobacco, excluding duty	GBA6 6150888897	133.5	133.3	133.4	134.1p	134.5p	0.5	0.3	0.1	0.3	
Food products	G6SI 6140100000	133.6r	133.6	133.8	134.6p	134.8p	0.6	0.2	0.2	0.2	
Alcoholic beverages, excluding duty	G6SJ 6140110000	129.7	128.3r	127.5	128.1p	129.8p	0.5	1.3	-0.1	1.1	
Soft drinks, mineral waters and other bottled waters	EVPU 6120110700	126.6	124.6r	121.4	121.9p	125.6p	0.4	3.0	-0.3	4.5	
Textiles	G6SN 6140130000	128.2	127.5	128.6	129.6p	130.4p	0.8	0.6	4.3	4.3	
Wearing apparel	G6SO 6140140000	114.6	114.7	114.9	115.4p	115.4p	0.5	-	1.4	1.4	
Leather and related products	G6SP 6140150000	128.5	137.2	137.2	134.7p	134.8p	-1.8	0.1	7.3	6.6	
Wood and products of wood and cork, except furniture	G6SQ 6140160000	151.4r	152.3r	152.4	153.4p	154.9p	0.6	1.0	-0.3	0.2	
Paper and paper products	G6SR 6140170000	130.6	129.5	129.1	128.8p	128.5p	-0.2	-0.2	-6.0	-5.4	
Printing and recording services	G6SS 6140180000	132.4	132.9	132.7	133.9p	134.0p	0.9	0.1	2.4	2.1	
Coke and refined petroleum products, excluding duty	G6ST 6140190000	205.5	213.1	214.8	214.8p	208.1p	-	-3.1	12.8	16.2	
Chemicals and chemical products	G6SV 6140200000	138.2	137.0r	137.8	137.0p	136.8p	-0.6	-0.1	-10.2	-4.5	
Basic pharmaceutical products and pharmaceutical preparations	G6SW 6140210000	108.7	106.7	106.6	107.3p	107.3p	0.7	-	-2.5	-1.9	
Rubber and plastic products	G6SX 6140220000	138.9	138.7	139.8	139.8p	140.6p	-	0.5	2.0	2.4	
Other non-metallic mineral products	G6SY 6140230000	158.6r	160.3r	160.8	161.4p	161.3p	0.4	-0.1	2.8	2.5	
Basic metals	G6SZ 6140240000	180.9	181.3	181.1	182.6p	184.1p	0.9	0.8	-6.2	-2.1	
Fabricated metal products, except machinery and equipment	G6T3 6140250000	148.1	148.0	147.9	147.9p	148.2p	-	0.1	0.9	0.8	
Computer, electronic and optical products	G6T5 6140260000	120.9	122.3	122.3	122.3p	124.4p	-	1.7	5.4	7.1	
Electrical equipment	G6VF 6140270000	133.2	133.8	133.5	133.4p	133.9p	-0.1	0.3	2.4	2.6	
Machinery and equipment n.e.c.	G6VG 6140280000	132.7	132.7r	133.1	133.4p	133.9p	0.2	0.4	1.6	1.2	
Motor vehicles, trailers and semi-trailers	G6WH 6140290000	120.5	120.4	121.1	121.6p	121.7p	0.5	-	1.1	1.1	
Other transport equipment	G72N 6140300000	122.5	122.2	122.7	123.0p	122.8p	0.2	-0.1	3.7	3.5	
Furniture	G75I 6140310000	133.7r	134.4r	134.6	133.8p	134.4p	-0.6	0.5	3.1	2.0	
Other manufactured goods	G776 6140320000	112.4	113.0r	112.9	113.3p	113.6p	0.3	0.2	1.6	1.7	
Repair and installation services of machinery and equipment	G777 6140330000	124.1	124.1	124.4	124.7p	124.6p	0.2	-0.1	3.5	3.0	

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		
		2024 Jan	2024 Feb	2024 Mar	2024 Apr	2024 May	2024 Apr	2024 May	2024 Apr	2024 May	
<b>Fuel excl. CCL</b>	FSQ3 7490222295	280.4	278.6	257.5	243.8p	238.2p	-5.3	-2.3	-14.0	-12.0	
Mining of coal & lignite excl. CCL	GHDW 7390050000	180.6r	181.3r	179.0	179.4p	178.5p	0.2	-0.5	-4.4	2.2	
Electricity excl. CCL	GHHP 7390351000	266.1	264.9	245.7	235.6p	230.1p	-4.1	-2.3	-11.9	-10.3	
Gas excl. CCL	GHHR 7390444499	254.6	255.2	240.2	223.6p	219.2p	-6.9	-1.9	-15.5	-12.6	
<b>Crude Oil</b>	FSQ4 7490444498	184.7	195.3	195.9	218.1p	212.9p	11.3	-2.4	13.9	18.3	
Domestic crude oil & metal ores	GGT3 7190222295	188.5	199.1	198.0	226.6p	226.6p	14.4	-	19.0	25.1	
Imported crude oil & metal ores	GHBV 7290222295	177.9	188.7r	192.4	202.9p	188.4p	5.5	-7.2	5.0	5.8	
<b>Home produced food:</b>	FSP7 7190351000	143.1	143.4r	143.8	145.6p	147.1p	1.3	1.0	0.7	1.2	
Products of agriculture, hunting and related services	GGO7 7190010000	153.8	155.9r	155.7	155.5p	160.0p	-0.1	2.9	-0.6	3.7	
Fish & other fish products	GS8 7190030000	137.7	132.3r	140.3	179.6p	180.9p	28.0	0.7	18.7	-1.7	
Preserved meat and meat products	GH2M 7190101000	127.4	127.9	128.7	130.9p	131.9p	1.8	0.7	2.6	2.5	
Processed fish & fish products; fruit & vegetables	GH7R 7190333387	131.8r	131.5	131.9	132.4p	133.1p	0.4	0.5	4.7	2.7	
Vegetable & animal oils and fats	GH7S 7190104000	179.9	179.6	181.5	180.7p	177.2p	-0.4	-1.9	-7.7	-8.7	
Dairy products	GH8A 7190105000	147.8	148.9r	148.4	150.7p	151.2p	1.5	0.3	-2.2	-0.1	
Grain mill products, starches and starch products	GH8B 7190106000	147.7	145.5	144.5	144.5p	143.6p	-	-0.6	-1.2	-1.4	
Bakery and Farinaceous products	GH8C 7190107000	132.3	132.7	132.7	132.6p	132.9p	-0.1	0.2	0.7	0.4	
Other Food products	GH8L 7190108000	126.3	126.3	126.5	126.8p	126.9p	0.3	-	4.2	3.3	
Prepared animal feeds	GH98 7190109000	144.3	142.6	142.2	140.5p	139.4p	-1.2	-0.8	-11.1	-9.6	
<b>Imported food materials</b>	FSP9 7490333354	171.8r	171.0	169.6	170.0p	168.3p	0.3	-1.0	-1.8	-4.7	
Agricultural crop products	GHBQ 7290010000	141.4	141.1	139.5	139.5p	136.5p	-	-2.1	-6.9	-8.3	
Fish & fish products	GHBS 7290030000	164.7	165.8	164.8	167.4p	166.2p	1.6	-0.7	5.6	5.1	
Meat & meat products	GHBX 7290101000	182.0	179.7	177.8	179.1p	178.9p	0.8	-0.1	-5.9	-8.1	
Processed fish & fish products, fruit & vegetables	GHBV 7290333387	141.2	140.7	140.8	140.9p	140.1p	0.1	-0.6	-0.6	-1.6	
Vegetable & animal oils & fats	GHBZ 7290104000	258.4	255.0	249.6	238.4p	233.3p	-4.5	-2.2	13.3	13.3	
Dairy products	GHCA 7290105000	165.4	160.7	163.9	162.6p	162.4p	-0.8	-0.1	-5.9	-6.5	
Grain mill products & starches	GHCB 7290106000	179.2	178.8	177.2	178.5p	177.8p	0.7	-0.4	-8.8	-8.2	
Bakery & farinaceous products	GHCC 7290107000	178.3	177.4	176.4	176.8p	176.6p	0.2	-0.1	-6.9	-5.8	
Other food products	GHCD 7290108000	231.0	231.8	230.6	235.1p	234.1p	1.9	-0.4	8.9	-3.5	
Prepared animal feeds	GHCE 7290109000	170.4	169.5	169.6	170.0p	168.3p	0.2	-1.0	-4.9	-6.3	
<b>Other home produced materials</b>	FSQ2 7490333353	146.2	146.9	146.8	148.0p	147.4p	0.8	-0.4	0.2	1.0	
Forestry products	GGP2 7190020000	169.1	169.1	168.5	168.5p	168.5p	-	-	-2.9	-2.9	
Other mining & quarrying products exc agg	GH2L 7190080000	148.4	148.4	147.9	155.8p	151.7p	5.3	-2.7	9.1	6.4	
Textiles	GHAE 7190130000	128.2	127.5	128.6	129.6p	130.4p	0.8	0.6	4.3	4.3	
Wearing apparel	GHAF 7190140000	114.6	114.7	114.9	115.4p	115.4p	0.5	-	1.4	1.4	
Leather and related products	GHAG 7190150000	128.5	137.2	137.2	134.7p	134.8p	-1.8	0.1	7.3	6.6	
Wood and products of wood and cork, exc furniture	GHAH 7190160000	151.4r	152.3r	152.4	153.4p	154.9p	0.6	1.0	-0.3	0.2	
Paper and paper products	GHAJ 7190170000	130.6	129.5	129.1	128.8p	128.5p	-0.2	-0.2	-6.0	-5.4	
Coke & refined petroleum products	GHAK 7190190000	205.5	213.1	214.8	214.8p	208.1p	-	-3.1	12.8	16.2	
Water collection, treatment & supply	GHPB 7190360000	121.8	121.8	121.8	130.7p	130.7p	7.3	-	7.3	7.3	

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		
		2024 Jan	2024 Feb	2024 Mar	2024 Apr	2024 May	2024 Apr	2024 May	2024 Apr	2024 May	
<b>Inputs of Metals and Non-Metallic Mineral products</b>	FSQ8 7390333351	168.9	168.7	168.4	169.5p	170.7p	0.6	0.7	-3.6	-1.4	
	Cement, lime, plaster and articles of concrete, cement & plaster	GHGF 7390333375	160.8r	161.7r	160.5	161.6p	160.1p	0.7	-0.9	0.4	0.6
	Glass, refractory clay, porcelain, ceramic and stone products	GHGH 7390333374	157.1r	157.2r	155.7	156.6p	155.0p	0.6	-1.0	-0.9	-0.2
	Basic iron, steel & alloys, tubes, pipes, hollow profiles and fittings	GHGJ 7390333369	183.6	183.2	181.2	181.4p	181.9p	0.1	0.3	-7.8	-4.2
	Other basic metals & casting	GHGL 7390333368	183.2	183.9	183.4	187.0p	187.7p	2.0	0.3	-1.0	1.0
	Weapons & ammunition	GHGN 7390254000	145.8	145.8	145.7	145.7p	146.1p	-	0.2	-0.4	0.1
	Fabricated metal products excluding weapons & ammunition	GHGP 7390333365	164.0	163.8	162.6	162.8p	163.1p	0.1	0.2	-4.0	-2.1
<b>Inputs of Chemicals</b>	FSQ7 7490333352	135.4	135.0r	135.8	135.4p	135.4p	-0.3	-	-6.0	-3.6	
	Paints, varnishes & coatings, printing inks & other mastics	GHFP 7390203000	144.1r	143.3r	143.6	142.9p	142.6p	-0.5	-0.2	-7.2	-4.7
	Soap, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR 7390204000	137.9r	137.6r	138.0	137.6p	137.5p	-0.3	-0.1	-3.1	-2.3
	Other chemical products	GHFT 7390205000	135.3r	135.4r	136.8	136.3p	135.9p	-0.3	-0.3	-5.5	-4.5
	Industrial gases, inorganic chemicals, fertilisers & nitrogen compounds	GHFV 7390333378	164.1	161.9	157.5	155.1p	153.3p	-1.6	-1.1	-16.4	-9.0
	Petrochemicals	GHFX 7390333377	153.2	153.6	153.0	151.8p	150.9p	-0.8	-0.6	-9.3	-5.2
	Dyes & pigments; pesticides & other agro-chemical products	GHFZ 7390333376	153.8	152.3r	150.9	150.6p	149.7p	-0.2	-0.6	-8.2	-5.3
	Basic pharmaceutical products & pharmaceutical preparations	GHGB 7390210000	126.9	126.1	125.9	125.7p	125.8p	-0.1	-	-3.0	-2.2
	Rubber & plastic products	GHGD 7390220000	145.9	145.9	145.6	144.7p	144.6p	-0.6	-0.1	-4.6	-3.2
<b>Other parts &amp; equipment</b>	FSQ9 7490333349	123.5	123.7r	123.9	124.4p	124.6p	0.4	0.2	1.1	1.2	
	Computer, electronic & optical products	GHGR 7390260000	137.0	137.3r	137.0	137.2p	138.4p	0.2	0.8	0.3	1.8
	Electrical equipment	GHGT 7390270000	142.4	142.5r	142.2	142.3p	142.7p	0.1	0.3	-1.0	-0.1
	Machinery & equipment n.e.c	GHGV 7390280000	146.9	146.7	146.4	146.6p	147.3p	0.2	0.5	-2.0	-0.9
	Motor vehicles, trailers & semi-trailers	GHGX 7390290000	134.0	133.8	133.8	134.2p	134.5p	0.3	0.2	-1.4	-0.5
	Ships & boats	GHGZ 7390301000	144.2	143.7	143.3	143.3p	143.7p	-	0.2	-0.8	0.1
	Aircraft, spacecraft & related machinery	GHHB 7390303000	147.3	147.6	147.8	148.5p	148.6p	0.5	0.1	-1.1	-0.2
	Other transport equipment	GHHH 7390333358	127.4	127.6	127.3	127.7p	127.7p	0.3	-	0.1	0.7
<b>Other inputs</b>	FSQ6 7490111196	123.0	123.2r	123.4	123.8p	123.8p	0.3	-	2.9	2.5	
	Printing & recording services	GHFL 7390180000	137.5	136.9r	136.1	135.6p	135.4p	-0.3	-0.2	-3.2	-2.7
	Furniture	GHHF 7390310000	149.7r	150.1r	149.9	150.4p	151.1p	0.3	0.5	-1.4	-0.4
	Other manufactured goods n.e.c	GHHH 7390320000	149.5	149.6	149.2	150.1p	150.6p	0.6	0.3	-1.2	-
	Repair & maintenance of ships and boats	GHHJ 7390331500	143.4	142.9	142.4	142.2p	142.6p	-0.1	0.3	-3.2	-1.9
	Repair & maintenance of aircraft and spaceships	GHHL 7390331600	116.0	116.3	117.8	118.4p	118.1p	0.5	-0.2	1.6	1.6
	Rest of repair and installation	GHHN 7390333355	138.6	139.0	138.4	138.3p	137.9p	-0.1	-0.2	0.3	1.1
<b>Imported materials:</b>											
Total Imports	GD74 8170111199	139.7	140.6	140.6	141.8p	140.7p	0.8	-0.7	-1.3	-0.7	

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 May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-0.1	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2024 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-0.1	-
Apr	-	0.1	-	0.2	0.2	0.1

Source: Office for National Statistics

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