

Statistical bulletin

# Producer price inflation, UK: May 2023

Changes in the prices of goods bought and sold by UK manufacturers including price indices of materials and fuels purchased (input prices) and factory gate prices (output prices).



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# 1 . Main points

- Producer input prices rose by 0.5% in the year to May 2023, down from a rise of 4.2% in the year to April 2023.
- Producer output (factory gate) prices rose by 2.9% in the year to May 2023, down from a rise of 5.2% in the year to April 2023.
- Inputs of crude oil and petroleum products provided the largest downward contributions to the change in the annual rates of input and output inflation, respectively.
- While annual producer price inflation rates have been slowing in recent months, the index levels for both input and output prices have been broadly stable since June 2022.
- On a monthly basis, producer input prices fell by 1.5% and output prices by 0.5% in May 2023.

## 2 . Producer price inflation rates

The annual rate of the input Producer Price Index (PPI) has now been positive for 30 consecutive months, although it has been slowing for the past 11 months. The annual rate is now 23.9 percentage points below its record annual high of 24.4% in June 2022 (Figure 1).

The annual rate of the output PPI has now been positive for 29 consecutive months, but it has been slowing for the past 10 months. It is down 16.7 percentage points from its recent peak of 19.6% in July 2022.

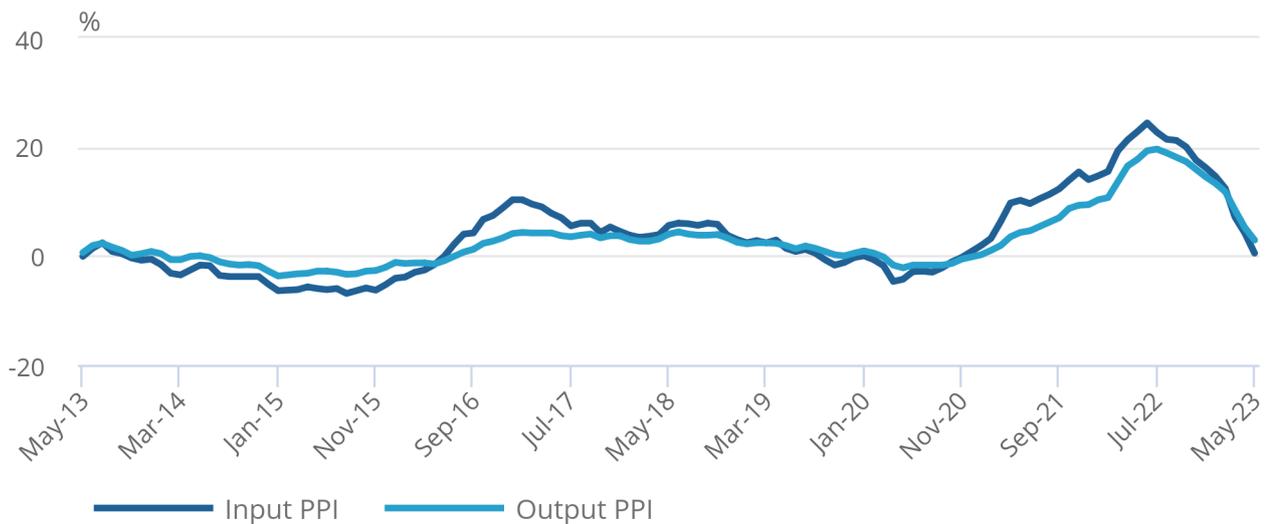
The index levels for both input and output prices have been broadly stable since June 2022 after a period of rapid increase starting in 2021 and continuing into early 2022 (Figure 2). This levelling out, when compared with the rapid increases seen last year, has the effect of creating a fall in the annual inflation rate (Figure 1), as explained in our [Beware base effects blog](#).

**Figure 1: Annual input and output PPI inflation rates have continued to slow in May 2023**

Input and output Producer Price Index (PPI) annual inflation rates, UK, May 2013 to May 2023

### Figure 1: Annual input and output PPI inflation rates have continued to slow in May 2023

Input and output Producer Price Index (PPI) annual inflation rates, UK, May 2013 to May 2023



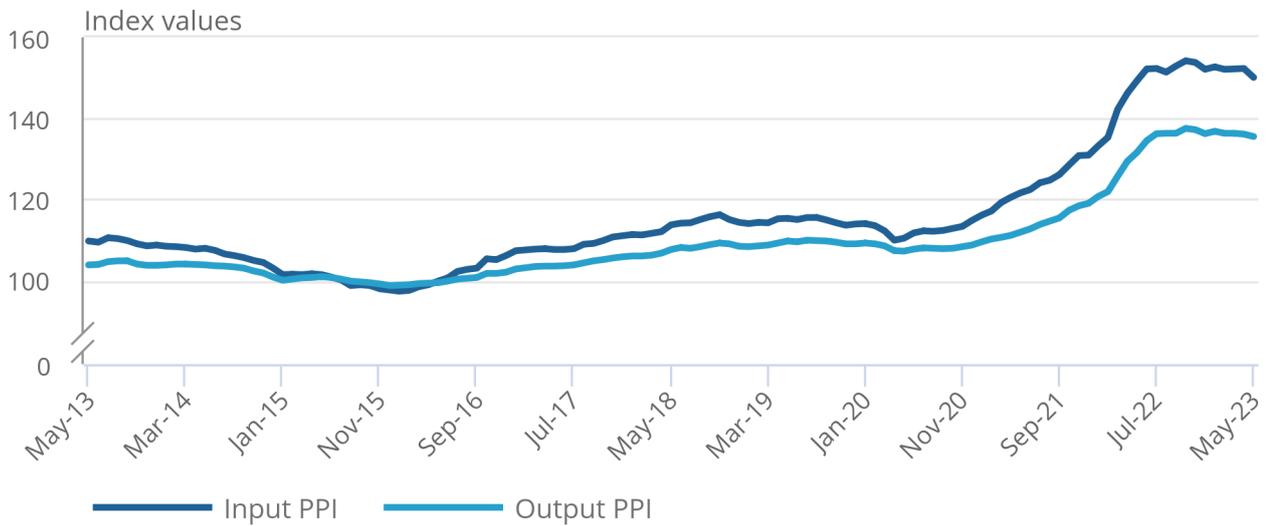
Source: Producer Price Index (PPI) from the Office for National Statistics

## Figure 2: Input PPI and output PPI levels both fell slightly between April and May 2023

Input and output Producer Price Index (PPI) values, UK, May 2013 to May 2023

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Input and output Producer Price Index (PPI) values, UK, May 2013 to May 2023



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

### 3 . Input producer price inflation

The annual inflation rate of producer input prices decreased by 3.7 percentage points from 4.2% in April 2023 to 0.5% in May 2023, the lowest the annual rate has been since November 2020 (see our [Producer price inflation records dataset](#)).

The monthly producer input inflation decreased by 1.5% in May 2023, following an increase of 0.1% in April 2023 (Table 1). This is the biggest monthly decrease since April 2020 and is notably down from the record monthly increase of 5.1% in April 2022 as a result of the conflict in Ukraine and the immediate impact this had on crude oil prices. See our [Growth rates of output and input producer price inflation dataset](#). The figures for both April and May 2023 are provisional and therefore may be revised as additional survey data come in.

Table 1: Input prices, index values, inflation rates and percentage point change to the annual inflation rate, UK, May 2022 to May 2023

#### All materials and fuels purchased (GHIP)

	PPI Index (2015=100)	Monthly rate	Annual rate	Change in the annual rate (percentage points)
<b>2022 May</b>	149.3	2.1	22.8	1.5
<b>June</b>	152.2	1.9	24.4	1.6
<b>July</b>	152.3	0.0	22.7	-1.7
<b>Aug</b>	151.4	-0.6	21.4	-1.3
<b>Sept</b>	152.9	1.0	21.2	-0.2
<b>Oct</b>	154.2	0.9	20.0	-1.2
<b>Nov</b>	153.8	-0.3	17.6	-2.4
<b>Dec</b>	152.1	-1.1	16.2	-1.4
<b>2023 Jan</b>	152.7	0.4	14.6	-1.6
<b>Feb</b>	152.1	-0.4	12.4	-2.2
<b>Mar</b>	152.2	0.1	7.1	-5.3
<b>Apr</b>	152.3	0.1	4.2	-2.9
<b>May</b>	150.1	-1.5	0.5	-3.7

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 most significant contribution to the annual input inflation rate in May 2023 came from inputs of crude oil, which had a negative contribution of 2.92 percentage points (Figure 3). Crude oil saw a fall in the year to May 2023 of 34.7% (Table 2) and this is the most dominant slowing effect on the annual input inflation rate.

This is being offset by upward contributions from inputs of other parts and equipment as well as inputs of fuel, which contributed 1.83 and 1.43 percentage points respectively. Inputs of other parts and equipment continues to be driven by imported inputs of air and spacecraft and related machinery, while inputs of fuel reflects the ongoing impact of electricity and gas prices.

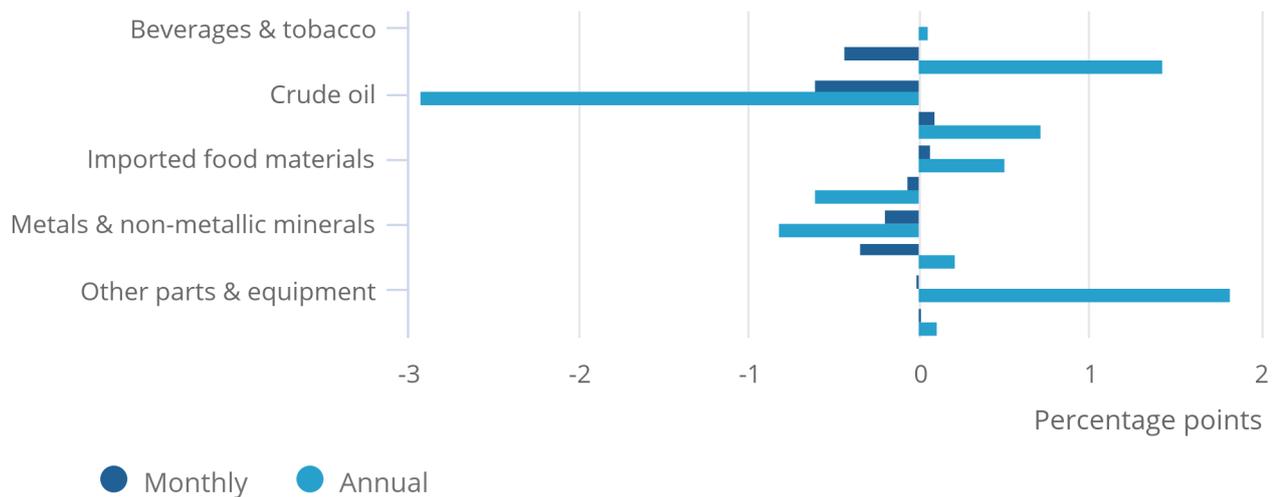
The [Energy Price Guarantee and Energy Bill Relief Scheme \(EBRS\)](#) came to an end on 31 April 2023 and was superseded by the Energy Bills Discount Scheme (EBDS). As indicated in our [Classification review of the Energy Bills Discount Scheme statement](#), the data relating to the inputs of fuel now reflect the impact of the EBDS.

**Figure 3: Crude oil provided the most significant downward contribution to the input PPI annual inflation rate in May 2023; other parts and equipment and fuels had offsetting upward contributions**

Input Producer Price Index (PPI), contribution to monthly and annual inflation rate, UK, May 2023

Figure 3: Crude oil provided the most significant downward contribution to the input PPI annual inflation rate in May 2023; other parts and equipment and fuels had offsetting upward contributions

Input Producer Price Index (PPI), contribution to monthly and annual inflation rate, UK, May 2023



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 2: Input prices, inflation rates, UK, April and May 2023

Product group	Percentage change		Percentage change	
	April 2023		May 2023	
	Monthly rate	Annual rate	Monthly rate	Annual rate
<b>Beverages &amp; tobacco</b>	-0.1	15.3	0.6	15.1
<b>Fuel excluding Climate Change Levy</b>	13.4	42.3	-7.8	39.7
<b>Crude oil</b>	0.2	-18.4	-10.4	-34.7
<b>Home-produced food materials</b>	-1.3	7.7	0.7	5.9
<b>Imported food materials</b>	0.4	24.5	2.6	24.0
<b>Other produced materials</b>	-1.6	-1.3	-0.6	-4.4
<b>Metals &amp; non-metallic minerals</b>	0.0	1.1	-0.9	-0.7
<b>Chemicals</b>	-1.2	3.9	-2.0	0.0
<b>Other parts and equipment</b>	-0.3	6.6	-0.1	5.1
<b>Other inputs</b>	0.2	5.5	0.4	5.4
<b>All manufacturing</b>	0.1	4.2	-1.5	0.5

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

Of the 10 product groups, 9 showed downward contributions to the change in the annual inflation rate, with crude oil providing the largest, at 1.49 percentage points (Figure 4).

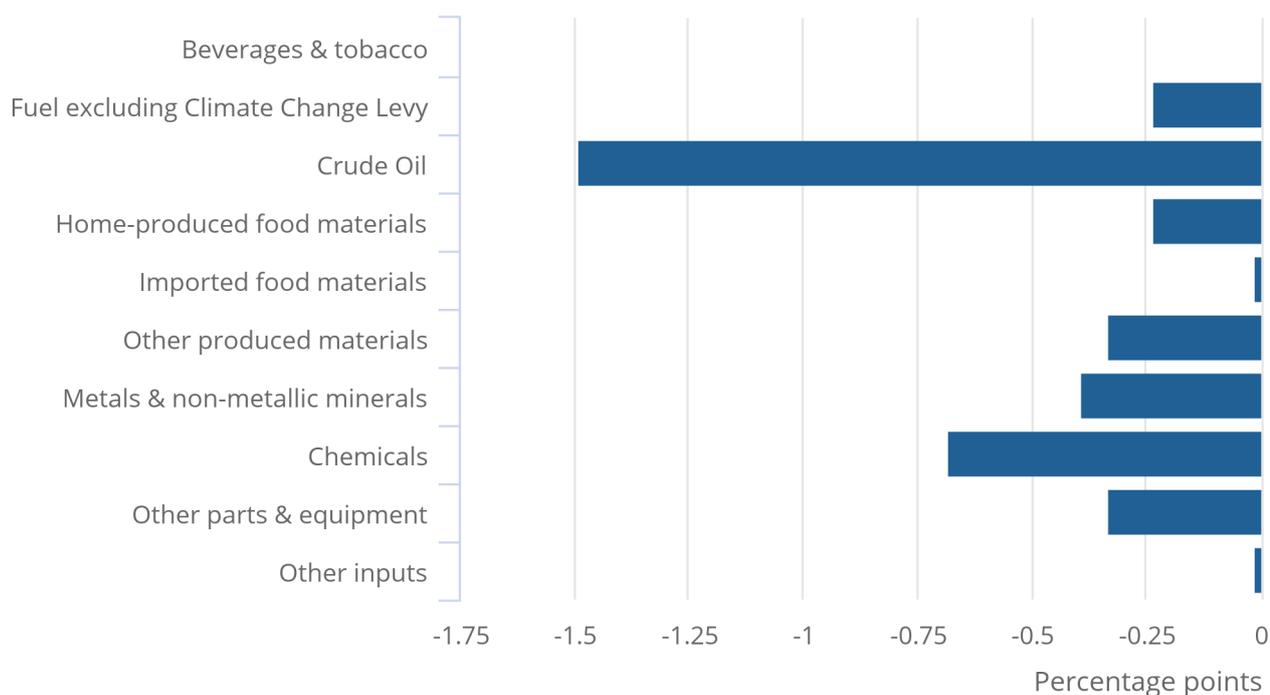
In the year to May 2023, crude oil prices fell 34.7%, down from a fall of 18.4% in April 2023. This is the lowest the annual rate has been since September 2020. Crude oil prices fell 10.4% between April and May 2023, compared with a monthly increase of 12.0% in May 2022.

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

Input Producer Price Index (PPI), contribution to change in the annual inflation rate, UK, May 2023

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Input Producer Price Index (PPI), contribution to change in the annual inflation rate, UK, May 2023



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.

The monthly inflation rate of materials and fuels imported by UK manufacturing decreased by 0.2% in May 2023, up from a decrease of 1.0% in April 2023. The annual rate was 2.4% in May 2023, down from 5.4% in April 2023 and 22.0 percentage points lower than its peak of 24.4% in September and October 2022 (Table 3).

Table 3: Imported materials and fuels purchased and sterling effective exchange rate, index values, inflation rates and percentage point change to the annual inflation rate, UK, May 2022 to May 2023  
 Producer Price Index (PPI) from the Office for National Statistics and the sterling effective exchange rate from the Bank of England

	<b>Imported materials and fuels purchased (GD74)</b>				<b>Sterling effective exchange rate - month average (BK67)</b>		
	<b>PPI Index (2015=100)</b>	<b>Monthly rate</b>	<b>Annual rate</b>	<b>Change in the annual rate (percentage points)</b>	<b>Sterling Index (Jan 2005=100)</b>	<b>Monthly rate</b>	<b>Annual rate</b>
<b>2022 May</b>	140.2	2.7	18.7	3.2	79.9	-1.6	-2.4
<b>June</b>	143.5	2.4	21.1	2.4	79.3	-0.8	-3.3
<b>July</b>	143.0	-0.3	19.6	-1.5	78.9	-0.5	-3.5
<b>Aug</b>	143.8	0.5	20.8	1.2	79.1	0.3	-3.4
<b>Sept</b>	149.8	4.2	24.4	3.6	76.3	-3.5	-6.4
<b>Oct</b>	150.7	0.6	24.4	0.0	77.0	0.9	-6.1
<b>Nov</b>	147.1	-2.4	19.8	-4.6	78.1	1.4	-4.2
<b>Dec</b>	144.1	-2.1	16.7	-3.1	79.0	1.2	-2.9
<b>2023 Jan</b>	145.5	1.0	17.3	0.6	78.3	-0.9	-5.3
<b>Feb</b>	146.0	0.4	14.7	-2.6	77.8	-0.6	-5.8
<b>Mar</b>	145.3	-0.5	8.6	-6.1	78.3	0.6	-4.3
<b>Apr</b>	143.9	-1.0	5.4	-3.2	79.3	1.3	-2.3
<b>May</b>	143.6	-0.2	2.4	-3.0	80.1	1.0	0.3

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 decreased by 2.3 percentage points from 5.2% in April 2023 to 2.9% in May 2023, the lowest annual rate since March 2021.

The monthly producer output inflation decreased by 0.5% in May 2023, following a 0.2% decrease in April 2023 (Table 4).

Table 4: Output prices, index values, inflation rates and percentage point change to the annual inflation rate, UK, May 2022 to May 2023

### All manufactured products (GB7S)

	<b>PPI Index (2015=100)</b>	<b>Monthly rate</b>	<b>Annual rate</b>	<b>Change in the annual rate (percentage points)</b>
<b>2022 May</b>	131.6	1.7	17.7	1.2
<b>June</b>	134.5	2.2	19.3	1.6
<b>July</b>	136.2	1.3	19.6	0.3
<b>Aug</b>	136.3	0.0	18.9	-0.7
<b>Sept</b>	136.3	0.0	18.1	-0.8
<b>Oct</b>	137.5	0.9	17.3	-0.8
<b>Nov</b>	137.2	-0.2	15.9	-1.4
<b>Dec</b>	136.2	-0.8	14.5	-1.4
<b>2023 Jan</b>	136.8	0.5	13.3	-1.2
<b>Feb</b>	136.3	-0.4	11.8	-1.5
<b>Mar</b>	136.3	0.0	8.4	-3.4
<b>Apr</b>	136.1	-0.2	5.2	-3.2
<b>May</b>	135.5	-0.5	2.9	-2.3

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 contribution to the annual output inflation rate in May 2023 came from refined petroleum products, at 3.42 percentage points (Figure 5). Refined petroleum products saw a fall in the year to May 2023 of 30.6% (Table 5) and this is the most dominant slowing effect on the annual output inflation rate.

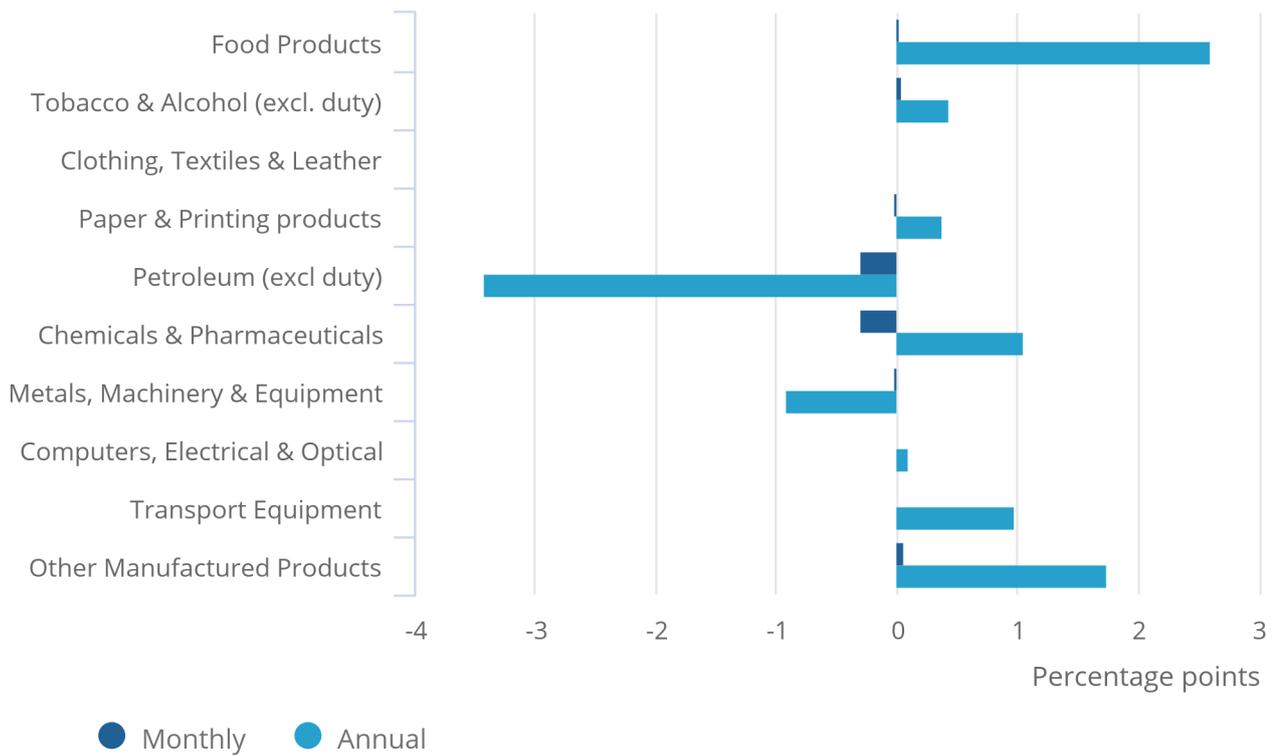
This was more than offset by upward contributions from food products as well as other outputs from manufacturing, which contributed 2.60 and 1.74 percentage points respectively. Food product inflation was driven by prepared meals and dishes as well as bakery goods. Other outputs of manufacturing continues to be driven by the energy intensive production of articles of concrete, cement and plaster.

**Figure 5: Petroleum provided the most significant downward contribution to the annual inflation rate of output PPI in May 2023, with the largest offsetting upward contribution coming from food products**

Output Producer Price Index (PPI), contribution to monthly and annual inflation rate, UK, May 2023

Figure 5: Petroleum provided the most significant downward contribution to the annual inflation rate of output PPI in May 2023, with the largest offsetting upward contribution coming from food products

Output Producer Price Index (PPI), contribution to monthly and annual inflation rate, UK, May 2023



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 5: Output prices, inflation rates, UK, April and May 2023

Product group	Percentage change		Percentage change	
	April 2023		May 2023	
	Monthly rate	Annual rate	Monthly rate	Annual rate
<b>Food products</b>	0.6	13.7	0.1	11.5
<b>Tobacco and alcohol (excl. duty)</b>	-0.7	17.2	2.0	18.3
<b>Clothing, textile and leather</b>	0.7	9.6	0.7	8.6
<b>Paper and printing</b>	-0.7	7.3	-0.4	5.2
<b>Petroleum products (excl. duty)</b>	-5.0	-25.0	-4.8	-30.6
<b>Chemical and pharmaceutical</b>	-1.3	3.6	-4.2	-2.0
<b>Metals, machinery and equipment</b>	0.5	5.6	-0.1	4.2
<b>Computer, electrical and optical</b>	0.4	6.3	0.2	5.6
<b>Transport equipment</b>	0.0	2.8	0.1	1.6
<b>Other manufactured products</b>	0.5	8.7	0.3	7.4
<b>All manufacturing</b>	-0.2	5.2	-0.5	2.9

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

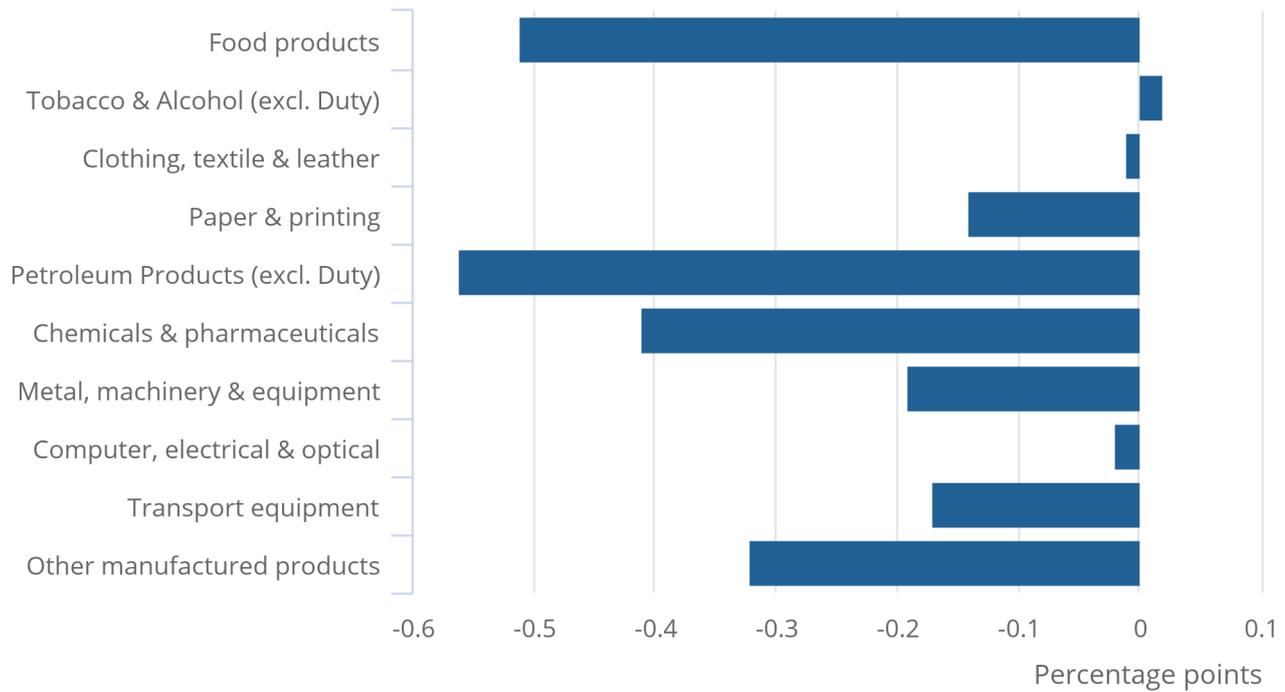
Of the 10 product groups, 9 showed downward contributions to the change in the annual inflation rate, with petroleum products providing the largest, at 0.56 percentage points (Figure 6). Petroleum products saw a monthly decrease of 4.8% in price in May 2023, compared with an increase of 3.0% in May 2022.

**Figure 6: A monthly fall in petroleum prices resulted in it providing the largest downward contribution to the change in the annual output inflation rate**

Output Producer Price Index (PPI), contribution to change in the annual inflation rate, UK, May 2023

Figure 6: A monthly fall in petroleum prices resulted in it providing the largest downward contribution to the change in the annual output inflation rate

Output Producer Price Index (PPI), contribution to change in the annual inflation rate, UK, May 2023



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 21 June 2023

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.

### [Input and output producer price inflation: contributions to the annual rates](#)

Dataset | Released 21 June 2023

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 21 June 2023

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 driving 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).

### 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

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 and in inflation rate – contribution is negative
- decrease in weight, increase 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:

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

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

Other useful documentation 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 in light of late and revised respondent data. The PPI revision policy is now in line with that of the national accounts. Published information on the [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 May 2023

The response rate for the domestic PPI shows a slight decrease between April and May 2023, whereas the response rate for the Import Price Index (IPI) and Export Price Index (EPI) show an increase for the same period (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, May 2022 to May 2023

	Weighted response		
	PPI (domestic)	IPI	EPI
<b>May 2022</b>	71.7	76.1	74.1
<b>June 2022</b>	74.0	78.0	69.5
<b>July 2022</b>	67.7	73.0	73.3
<b>August 2022</b>	71.6	71.6	72.0
<b>September 2022</b>	71.9	74.8	78.2
<b>October 2022</b>	73.3	61.3	71.6
<b>November 2022</b>	78.0	73.3	71.7
<b>December 2022</b>	78.2	72.9	73.7
<b>January 2023</b>	77.9	71.7	73.9
<b>February 2023</b>	78.1	78.9	78.2
<b>March 2023</b>	77.8	75.4	74.7
<b>April 2023</b>	78.9	79.3	74.6
<b>May 2023</b>	78.3	82.2	75.8

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

### Notes

1. Effective response rates exclude items permanently not available for collection.

## 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: March 2023, new orders and Construction Output Price Indices, January to March 2023](#)

Bulletin | Released 12 May 2023

Short-term measures of output by construction industry in March 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 1 (Jan to Mar) 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 21 June 2023, ONS website, statistical bulletin, [Producer price inflation, UK: May 2023](#)

**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		
2022 Nov	137.2r	-0.2	15.9	134.2r	0.2	12.5	256.6	-5.9	46.4	129.2r	0.8	15.8
Dec	136.2	-0.8	14.5	134.3	-	11.8	227.8	-11.2	32.1	130.3	0.8	16.1
2023 Jan	136.8r	0.5	13.3	135.1r	0.6	11.0	222	-2.5	25.0	131.6	1.0	15.8
Feb	136.3r	-0.4	11.8	134.7r	-0.3	9.9	209.4	-5.7	12.6	132.6r	0.8	15.6
Mar	136.3	-	8.4	135.1	0.3	8.2	200.6	-4.2	-11.6	133.2	0.4	15.1
Apr	136.1p	-0.2	5.2	135.1p	-	6.0	190.5p	-5.0	-25.0	133.9p	0.6	13.6
May	135.5p	-0.5	2.9	134.7p	-0.3	4.1	181.4p	-4.8	-30.6	134.1p	0.1	11.8

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		
2022 Nov	136.1r	-0.6	15.4	128.9	0.8	15.3	157.9	-3.3	20.7
Dec	133.9	-1.6	13.0	129.8	0.7	15.6	146.9	-7.0	13.0
2023 Jan	134.1r	0.1	11.7	131.0r	1.0	15.3	144.1	-1.9	9.5
Feb	133.1r	-0.8	9.6	131.8r	0.6	14.9	139.3	-3.3	3.5
Mar	132.7	-0.3	5.1	132.1	0.3	14.2	136.1	-2.3	-9.2
Apr	132.4p	-0.3	2.1	133.8p	1.3	13.6	132.3p	-2.8	-15.6
May	131.5p	-0.7	-0.2	133.9p	0.1	11.8	128.9p	-2.5	-19.1

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		
2022 Nov	153.8	-0.3	17.6	149.1r	0.3	14.9	150.9r	-0.8	16.5	245.7	10.9	45.7
Dec	152.1	-1.1	16.2	148.6r	-0.3	14.2	148.7r	-1.5	14.1	260.6	6.1	74.4
2023 Jan	152.7	0.4	14.6	149.2r	0.4	13.2	149.6r	0.6	13.1	250.6	-3.9	56.7
Feb	152.1r	-0.4	12.4	148.9r	-0.2	12.1	149.2r	-0.3	10.8	246.4	-1.7	54.8
Mar	152.2	0.1	7.1	149.1	0.2	8.7	149.3	0.1	5.7	246.2	-0.1	44.3
Apr	152.3p	0.1	4.2	149.4p	0.2	5.2	148.4p	-0.6	2.6	280.8p	14.0	40.5
May	150.1p	-1.5	0.5	147.5p	-1.3	2.7	146.7p	-1.1	-1.0	258.4p	-8.0	38.4

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**

							Percentage change 1 month		Percentage change 12 months	
		2023	2023	2023	2023	2023	2023	2023	2023	2023
		Jan	Feb	Mar	Apr	May	Apr	May	Apr	May
<b>Gross Sector</b>										
Output of manufactured products	GB7S 6158333333	136.8r	136.3r	136.3	136.1p	135.5p	-0.2	-0.5	5.2	2.9
All manufacturing, excluding food, beverages, tobacco and petroleum	GBBV 6150333390	135.1r	134.7r	135.1	135.1p	134.7p	-	-0.3	6.0	4.1
<hr/>										
Food products, beverages and tobacco, excluding duty	GBA6 6150888897	131.6	132.6r	133.2	133.9p	134.1p	0.6	0.1	13.6	11.8
Food products	G6SI 6140100000	132.5r	133.0r	133.5	134.3p	134.5p	0.6	0.1	13.7	11.5
Alcoholic beverages, excluding duty	G6SJ 6140110000	122.5	126.9	128.0	128.3p	128.8p	0.2	0.4	13.4	13.3
Soft drinks, mineral waters and other bottled waters	EVPU 6120110700	121.9	121.4	120.3	122.3p	120.1p	1.7	-1.8	8.4	6.5
Textiles	G6SN 6140130000	120.1	120.8	122.7	123.5p	124.4p	0.7	0.7	9.9	8.6
Wearing apparel	G6SO 6140140000	112.2	112.4	112.6	113.8p	114.2p	1.1	0.3	4.5	4.6
Leather and related products	G6SP 6140150000	123.1	123.3r	125.7	125.8p	127.2p	0.1	1.2	15.1	15.8
Wood and products of wood and cork, except furniture	G6SQ 6140160000	156.7	154.2	154.9	154.0p	155.5p	-0.6	1.0	0.5	-0.2
Paper and paper products	G6SR 6140170000	141.8r	139.8r	139.0	137.1p	135.8p	-1.3	-1.0	5.0	1.2
Printing and recording services	G6SS 6140180000	129.3r	129.7r	130.4	130.5p	131.2p	0.1	0.5	10.6	10.6
Coke and refined petroleum products, excluding duty	G6ST 6140190000	222.0	209.4	200.6	190.5p	181.4p	-5.0	-4.8	-25.0	-30.6
Chemicals and chemical products	G6SV 6140200000	161.6	154.5	155.2	152.5p	144.7p	-1.7	-5.1	3.0	-3.8
Basic pharmaceutical products and pharmaceutical preparations	G6SW 6140210000	108.8	109.0	109.4	109.8p	109.8p	0.4	-	4.1	5.0
Rubber and plastic products	G6SX 6140220000	137.9	138.3	139.3	138.9p	138.6p	-0.2	-0.3	7.8	5.3
Other non-metallic mineral products	G6SY 6140230000	152.1r	153.6r	155.0	157.7p	158.3p	1.7	0.4	19.6	16.8
Basic metals	G6SZ 6140240000	191.7r	192.6r	193.6	195.3p	192.7p	0.8	-1.3	-11.1	-13.1
Fabricated metal products, except machinery and equipment	G6T3 6140250000	143.9r	145.2r	145.8	146.3p	146.4p	0.3	-	10.9	10.0
Computer, electronic and optical products	G6T5 6140260000	114.5	115.5r	116.1	116.0p	116.4p	-	0.3	5.1	4.6
Electrical equipment	G6VF 6140270000	128.3	129.2r	129.7	130.9p	131.1p	0.9	0.1	7.8	6.9
Machinery and equipment n.e.c.	G6VG 6140280000	129.7r	130.2r	130.0	130.9p	131.2p	0.7	0.2	10.6	7.4
Motor vehicles, trailers and semi-trailers	G6WH 6140290000	120.1r	120.3r	120.3	120.4p	120.4p	-	-	5.7	4.8
Other transport equipment	G72N 6140300000	119.9	118.6	118.3	118.2p	118.3p	-0.1	0.1	0.5	-1.0
Furniture	G75I 6140310000	128.6	129.6	130.4	130.5p	132.6p	0.1	1.6	10.4	10.7
Other manufactured goods	G776 6140320000	111.6	111.2r	111.3	111.6p	111.5p	0.3	-0.1	4.1	3.8
Repair and installation services of machinery and equipment	G777 6140330000	119.5r	119.8r	119.8	120.1p	120.6p	0.2	0.4	4.7	4.5

Source: Office for National Statistics

p = provisional  
r = revised

**Table 4: Input prices, excl Climate Change Levy<sup>1</sup>: 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	2023	1 month		12 months			
		Jan	Feb	Mar	Apr	May	2023	2023	2023	2023	2023	2023
							Apr	May	Apr	May	Apr	May
<b>Gross sector</b>												
Other mining & quarrying products	GHEA	7390080000	158.5r	157.3	157.5	159.5p	156.8p	1.3	-1.7	10.0	6.0	
Manufacture of food products, beverages, tobacco	GHHV	7390888897	149.9r	149.8r	150.7	150.5p	150.9p	-0.2	0.3	10.8	9.0	
Preserved meat & meat products	GHEF	7390101000	149.1	149.1r	149.0	148.3p	147.9p	-0.5	-0.3	8.3	4.7	
Fish, crustaceans, molluscs, fruit & vegetables	GHEH	7390333387	146.9	145.7r	153.7	150.8p	158.2p	-1.9	4.9	5.4	10.7	
Vegetable & animal oils & fats	GHEJ	7390104000	200.2	200.2r	200.9	197.8p	195.6p	-1.5	-1.1	17.6	14.9	
Dairy products	GHEL	7390105000	159.6	158.5	157.3	154.6p	153.5p	-1.7	-0.7	6.4	2.6	
Grain mill products, starches & starch products	GHEN	7390106000	157.1r	157.2r	157.2	156.0p	155.5p	-0.8	-0.3	12.4	9.8	
Bakery & farinaceous products	GHEP	7390107000	149.9r	149.7r	150.1	151.9p	150.9p	1.2	-0.7	15.5	13.5	
Other food products	GHER	7390108000	142.1	142.4	143.2	145.6p	146.8p	1.7	0.8	16.9	16.1	
Animal feeds	GHET	7390109000	154.5r	154.8r	154.3	152.9p	151.4p	-0.8	-1.0	10.8	6.7	
Alcoholic Beverages	GHEV	7390333384	146.5r	147.8r	148.9	151.7p	150.6p	1.9	-0.8	15.3	13.3	
Soft drinks; mineral waters & other bottled waters	GHEX	7390110700	134.7	134.7	135.0	136.4p	136.1p	1.0	-0.2	11.3	9.9	
Tobacco products	GHEZ	7390120000	159.8r	157.8	156.2	153.5p	151.9p	-1.7	-1.1	5.5	1.2	
Manufacture of textiles & textile products; clothing	GHHW	7390888895	131.6r	132.0r	132.9	133.8p	133.6p	0.7	-0.2	9.7	7.9	
Textiles	GHFB	7390130000	134.4	134.7	135.5	136.6p	135.9p	0.8	-0.5	9.9	7.7	
Wearing apparel	GHFD	7390140000	126.6	127.2	128.2	128.8p	129.4p	0.5	0.5	9.4	8.1	
Manufacture of leather & related products	GHFF	7390150000	134.1r	134.4r	136.5	137.2p	137.2p	0.5	-	12.1	10.6	
Manufacture of wood & wood products	GHFH	7390160000	160.8	158.7	159.4	156.2p	155.6p	-2.0	-0.4	-1.9	-3.4	
Manufacture of pulp, paper & paper products, recording media & printing services	GHHZ	7390888892	148.1	146.8r	147.0	147.4p	145.4p	0.3	-1.4	9.0	6.0	
Pulp, paper & paper products	GHFJ	7390170000	153.2r	151.8	151.9	152.6p	150.1p	0.5	-1.6	9.3	6.0	
Printing & recording services	GHFL	7390180000	141.3	140.3r	140.5	140.7p	139.1p	0.1	-1.1	8.7	6.1	
Manufacture of coke & refined petroleum products	GHFN	7390190000	203.9	199.5	195.6	195.3p	177.2p	-0.1	-9.3	-17.2	-32.0	
Manufacture of chemicals, chemical products & man-made fibres	GHHB	7390888890	169.6	164.3r	163.8	163.8p	156.9p	-	-4.2	3.4	-2.2	
Paints, varnishes & similar coatings, printing ink & mastics	GHFP	7390203000	157.2r	155.2	155.8	154.5p	150.7p	-0.8	-2.5	6.1	1.8	
Soaps, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR	7390204000	141.2r	141.2r	142.6	142.7p	141.1p	0.1	-1.1	9.7	6.8	
Other chemical products	GHFT	7390205000	142.6	142.2r	144.9	144.9p	143.3p	-	-1.1	8.0	5.6	
Industrial gases; other basic inorganic chemicals; fertilisers & nitrogen compounds	GHFV	7390333378	202.5	187.7r	184.5	187.4p	169.6p	1.6	-9.5	3.6	-6.1	
Petrochemicals & man made fibres	GHFX	7390333377	175.9r	170.5r	169.5	168.2p	162.0p	-0.8	-3.7	0.1	-5.4	
Dyes & pigments; pesticides & other agrochemical products	GHFZ	7390333376	166.7	163.4r	162.5	165.0p	157.6p	1.5	-4.5	8.5	2.2	
Manufacture of basic pharmaceutical products & pharmaceutical preparations	GHGB	7390210000	129.8	129.6	129.9	130.0p	129.0p	-	-0.8	8.1	6.5	
Manufacture of rubber & plastic products	GHGD	7390220000	152.4r	152.0r	152.7	152.9p	150.9p	0.1	-1.3	8.3	5.2	
Manufacture of cement, lime & plaster	GHGF	7390333375	159.3r	158.9r	159.4	162.0p	159.6p	1.7	-1.4	10.5	6.8	
Manufacture of glass, refractory, clay, other porcelain, ceramic stone products	GHHG	7390333374	158.2r	156.3r	156.4	158.9p	156.0p	1.6	-1.8	10.2	6.3	
Manufacture of basic metals & fabricated products	GHHF	7390888884	176.2r	176.4r	176.8	178.5p	175.6p	1.0	-1.6	1.9	-0.7	
Basic iron, steel & alloys: tubes, pipes, hollow profiles	GHHJ	7390333369	194.5r	196.2r	197.1	198.3p	194.3p	0.6	-2.0	-1.3	-4.5	
Other basic metals & casting	GHHL	7390333368	188.8r	187.7	186.5	189.7p	186.3p	1.7	-1.8	3.4	-0.1	
Weapons & ammunition	GHHN	7390254000	141.9r	142.2r	144.1	146.5p	146.0p	1.7	-0.4	8.5	7.5	
Fabricated metal products, excluding machinery & equipment & weapons & ammunition	GHHP	7390333365	168.3r	168.5r	169.0	170.2p	167.7p	0.7	-1.5	2.1	-	
Manufacture of computer, electronic & optical products, electrical equipment	GHHQ	7390888883	139.1	139.7	140.0	140.4p	139.6p	0.3	-0.6	7.0	5.3	
Computer, electronic & optical products	GHGR	7390260000	136.0	136.6r	136.9	137.2p	136.3p	0.2	-0.7	8.1	6.5	
Electrical equipment	GHGT	7390270000	142.6	143.1r	143.5	144.1p	143.3p	0.4	-0.5	5.8	4.1	
Manufacture of machinery & equipment n.e.c	GHHV	7390280000	148.7r	149.2r	149.5	149.8p	148.8p	0.2	-0.6	5.7	4.0	
Manufacturing of motor vehicles & other transport equipment	GHHI	7390888881	140.2	140.7r	140.9	140.5p	139.7p	-0.3	-0.6	4.7	2.9	
Motor vehicles, trailers & semi trailers	GHHX	7390290000	135.5r	135.9	136.1	136.3p	135.6p	0.2	-0.6	5.0	3.3	
Ships & boats	GHHZ	7390301000	144.9r	144.0r	144.3	144.5p	143.7p	0.1	-0.5	2.5	0.8	
Aircraft & spacecraft & related machinery	GHHB	7390303000	151.0r	151.9r	151.9	150.3p	149.2p	-1.1	-0.7	4.6	2.4	
Other transport equipment	GHHD	7390333358	125.4r	125.8r	127.9	127.8p	127.1p	-	-0.5	4.4	3.1	
Manufacture of other manufactured goods n.e.c	GHHU	7390888880	152.5r	151.9r	152.1	152.7p	151.8p	0.4	-0.6	4.5	2.6	
Furniture	GHHF	7390310000	153.2	152.1	152.7	152.9p	152.5p	0.1	-0.3	2.2	0.5	
Other manufacturing	GHHH	7390320000	151.9r	151.7r	151.6	152.5p	151.2p	0.5	-0.8	6.3	4.3	
Repair & maintenance of ships & boats	GHHJ	7390331500	146.9r	146.5r	146.7	147.1p	146.0p	0.3	-0.7	-2.5	-4.0	
Repair & maintenance services of aircraft & spacecraft	GHHL	7390331600	118.2	119.3	119.1	116.3p	115.8p	-2.3	-0.4	-4.3	-6.3	
Other repair; installation	GHHN	7390333355	137.7r	137.1r	137.3	138.2p	136.8p	0.7	-1.0	1.5	-0.1	

Source: Office for National Statistics

<sup>1</sup> Climate Change Levy is excluded from the detailed industry input index, (see background notes of the Statistical Bulletin for more detail).

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	2023	2023	2023	2023	2023	2023	2023	2023	
		Jan	Feb	Mar	Apr	May	Apr	May	Apr	May	
<b>Fuel excl. CCL</b>	FSQ3 7490222295	262.1	258.7	258.7	293.3p	270.4p	13.4	-7.8	42.3	39.7	
Mining of coal & lignite exc CCL	GHDW 7390050000	190.1r	193.3	194.3	192.3p	191.6p	-1.0	-0.4	6.7	2.4	
Electricity excl. CCL	GHHP 7390351000	252.4	248.3	247.7	276.2p	254.0p	11.5	-8.1	36.1	32.2	
Gas excl. CCL	GHHR 7390444499	231.1	227.0	227.0	271.3p	252.0p	19.6	-7.1	33.4	27.0	
<b>Crude Oil</b>	FSQ4 7490444498	203.4	199.8	195.9	196.2p	175.8p	0.2	-10.4	-18.4	-34.7	
Domestic crude oil & metal ores	GGT3 7190222295	209.8	202.0	197.9	198.9p	175.7p	0.5	-11.7	-17.8	-36.1	
Imported crude oil & metal ores	GHBV 7290222295	192.2	196.2	192.5	191.5p	176.0p	-0.5	-8.1	-19.4	-32.3	
<b>Home produced food:</b>	FSP7 7190351000	146.0r	145.2r	146.1	144.2p	145.1p	-1.3	0.7	7.7	5.9	
Products of agriculture, hunting and related services	GGO7 7190010000	165.9	162.9	160.7	155.3p	154.1p	-3.4	-0.8	-	-4.9	
Fish & other fish products	GGS8 7190030000	136.9	130.5r	165.5	151.1p	184.6p	-8.7	22.1	-9.9	14.6	
Preserved meat and meat products	GH2M 7190101000	121.8	122.7r	124.0	127.0p	127.7p	2.4	0.5	11.9	10.3	
Processed fish & fish products; fruit & vegetables	GH7R 7190333387	124.6	125.3r	125.9	126.5p	128.8p	0.5	1.8	10.4	11.8	
Vegetable & animal oils and fats	GH7S 7190104000	201.4	201.8r	203.2	195.9p	195.3p	-3.6	-0.3	22.3	20.7	
Dairy products	GH8A 7190105000	161.7	157.9	156.8	154.2p	152.7p	-1.7	-1.0	15.0	12.2	
Grain mill products, starches and starch products	GH8B 7190106000	144.6r	145.6r	145.5	146.3p	145.6p	0.5	-0.4	12.9	10.7	
Bakery and Farinaceous products	GH8C 7190107000	129.4r	130.3r	131.1	132.2p	132.5p	0.8	0.2	16.7	13.6	
Other Food products	GH8L 7190108000	118.6	119.6	120.2	121.9p	122.8p	1.4	0.7	14.8	13.7	
Prepared animal feeds	GH98 7190109000	159.3r	161.3r	160.4	158.5p	155.3p	-1.2	-2.1	15.7	8.3	
<b>Imported food materials</b>	FSP9 7490333354	164.9r	170.2r	172.6	173.2p	177.6p	0.4	2.6	24.5	24.0	
Agricultural crop products	GHBQ 7290010000	137.9	151.3	151.0	149.9p	149.4p	-0.7	-0.3	16.9	16.1	
Fish & fish products	GHBS 7290030000	160.7	162.8	162.5	158.4p	157.8p	-2.5	-0.4	3.5	1.3	
Meat & meat products	GHBX 7290101000	177.0	177.5	185.9	189.8p	195.0p	2.1	2.8	33.6	25.6	
Processed fish & fish products, fruit & vegetables	GHBY 7290333387	135.8r	137.7r	140.9	142.5p	145.4p	1.1	2.0	22.1	21.1	
Vegetable & animal oils & fats	GHBZ 7290104000	219.4	219.3	217.4	210.4p	206.1p	-3.2	-2.1	3.6	-0.4	
Dairy products	GHCA 7290105000	169.0r	170.4r	173.8	172.7p	173.9p	-0.6	0.7	25.7	21.3	
Grain mill products & starches	GHCB 7290106000	181.6	183.9	195.0	195.6p	194.1p	0.3	-0.8	30.1	26.2	
Bakery & farinaceous products	GHCC 7290107000	184.5r	190.8r	189.8	189.9p	188.2p	-	-0.9	44.7	41.7	
Other food products	GHCD 7290108000	209.9	210.8	210.0	215.8p	245.3p	2.8	13.7	44.5	60.3	
Prepared animal feeds	GHCE 7290109000	178.3	179.6	178.7	178.7p	179.9p	-	0.7	25.6	24.4	
<b>Other home produced materials</b>	FSQ2 7490333353	153.7	150.9r	150.2	147.7p	146.9p	-1.6	-0.6	-1.3	-4.4	
Forestry products	GGP2 7190020000	216.4	216.4	216.4	173.5p	173.5p	-19.8	-	-26.8	-26.8	
Other mining & quarrying products exc agg	GH2L 7190080000	143.1	142.5	143.4	142.7p	142.5p	-0.4	-0.2	8.3	2.9	
Textiles	GHAE 7190130000	120.1	120.8	122.7	123.5p	124.4p	0.7	0.7	9.9	8.6	
Wearing Apparel	GHAF 7190140000	112.2	112.4	112.6	113.8p	114.2p	1.1	0.3	4.5	4.6	
Leather and related products	GHAG 7190150000	123.1	123.3r	125.7	125.8p	127.2p	0.1	1.2	15.1	15.8	
Wood and products of wood and cork, exc furniture	GHAH 7190160000	156.7	154.2	154.9	154.0p	155.5p	-0.6	1.0	0.5	-0.2	
Paper and paper products	GHAJ 7190170000	141.8r	139.8r	139.0	137.1p	135.8p	-1.3	-1.0	5.0	1.2	
Coke & refined petroleum products	GHAK 7190190000	222.0	209.4	200.6	190.5p	181.4p	-5.0	-4.8	-25.0	-30.6	
Water collection, treatment & supply	GHBP 7190360000	110.9	110.9	110.9	121.8p	121.8p	9.8	-	9.8	9.8	

Source: Office for National Statistics

1 The Climate Change Levy was introduced in April 2001.

 p = provisional  
 r = revised

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

2015=100, CPA 2.1

								Percentage change		Percentage change	
			2023	2023	2023	2023	2023	1 month		12 months	
			Jan	Feb	Mar	Apr	May	2023	2023	2023	2023
						Apr	May	Apr	May		
<b>Inputs of Metals and Non-Metallic Mineral products</b>	FSQ8	7390333351	175.2r	175.7r	176.1	176.0p	174.4p	-	-0.9	1.1	-0.7
Cement, lime, plaster and articles of concrete, cement & plaster	GHGF	7390333375	159.3r	158.9r	159.4	162.0p	159.6p	1.7	-1.4	10.5	6.8
Glass, refractory clay, porcelain, ceramic and stone products	GHGH	7390333374	158.2r	156.3r	156.4	158.9p	156.0p	1.6	-1.8	10.2	6.3
Basic iron, steel & alloys, tubes, pipes, hollow profiles and fittings	GHGJ	7390333369	194.5r	196.2r	197.1	198.3p	194.3p	0.6	-2.0	-1.3	-4.5
Other basic metals & casting	GHGL	7390333368	188.8r	187.7	186.5	189.7p	186.3p	1.7	-1.8	3.4	-0.1
Weapons & ammunition	GHGN	7390254000	141.9r	142.2r	144.1	146.5p	146.0p	1.7	-0.4	8.5	7.5
Fabricated metal products excluding weapons & ammunition	GHGP	7390333365	168.3r	168.5r	169.0	170.2p	167.7p	0.7	-1.5	2.1	-
<b>Inputs of Chemicals</b>	FSQ7	7490333352	147.9	145.9r	146.5	144.7p	141.9p	-1.2	-2.0	3.9	-
Paints, varnishes & coatings, printing inks & other mastics	GHFP	7390203000	157.2r	155.2	155.8	154.5p	150.7p	-0.8	-2.5	6.1	1.8
Soap, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR	7390204000	141.2r	141.2r	142.6	142.7p	141.1p	0.1	-1.1	9.7	6.8
Other chemical products	GHFT	7390205000	142.6	142.2r	144.9	144.9p	143.3p	-	-1.1	8.0	5.6
Industrial gases, inorganic chemicals, fertilisers & nitrogen compounds	GHFV	7390333378	202.5	187.7r	184.5	187.4p	169.6p	1.6	-9.5	3.6	-6.1
Petrochemicals	GHFX	7390333377	175.9r	170.5r	169.5	168.2p	162.0p	-0.8	-3.7	0.1	-5.4
Dyes & pigments; pesticides & other agro-chemical products	GHFZ	7390333376	166.7	163.4r	162.5	165.0p	157.6p	1.5	-4.5	8.5	2.2
Basic pharmaceutical products & pharmaceutical preparations	GHGB	7390210000	129.8	129.6	129.9	130.0p	129.0p	-	-0.8	8.1	6.5
Rubber & plastic products	GHGD	7390220000	152.4r	152.0r	152.7	152.9p	150.9p	0.1	-1.3	8.3	5.2
<b>Other parts &amp; equipment</b>	FSQ9	7490333349	122.5r	123.3	123.4	123.0p	123.0p	-0.3	-0.1	6.6	5.1
Computer, electronic & optical products	GHGR	7390260000	136.0	136.6r	136.9	137.2p	136.3p	0.2	-0.7	8.1	6.5
Electrical equipment	GHGT	7390270000	142.6	143.1r	143.5	144.1p	143.3p	0.4	-0.5	5.8	4.1
Machinery & equipment n.e.c	GHGV	7390280000	148.7r	149.2r	149.5	149.8p	148.8p	0.2	-0.6	5.7	4.0
Motor vehicles, trailers & semi-trailers	GHGX	7390290000	135.5r	135.9	136.1	136.3p	135.6p	0.2	-0.6	5.0	3.3
Ships & boats	GHGZ	7390301000	144.9r	144.0r	144.3	144.5p	143.7p	0.1	-0.5	2.5	0.8
Aircraft, spacecraft & related machinery	GHHB	7390303000	151.0r	151.9r	151.9	150.3p	149.2p	-1.1	-0.7	4.6	2.4
Other transport equipment	GHHD	7390333358	125.4r	125.8r	127.9	127.8p	127.1p	-	-0.5	4.4	3.1
<b>Other inputs</b>	FSQ6	7490111196	119.5r	119.8r	119.9	120.1p	120.6p	0.2	0.4	5.5	5.4
Printing & recording services	GHFL	7390180000	141.3	140.3r	140.5	140.7p	139.1p	0.1	-1.1	8.7	6.1
Furniture	GHHF	7390310000	153.2	152.1	152.7	152.9p	152.5p	0.1	-0.3	2.2	0.5
Other manufactured goods n.e.c	GHHH	7390320000	151.9r	151.7r	151.6	152.5p	151.2p	0.5	-0.8	6.3	4.3
Repair & maintenance of ships and boats	GHHJ	7390331500	146.9r	146.5r	146.7	147.1p	146.0p	0.3	-0.7	-2.5	-4.0
Repair & maintenance of aircraft and spaceships	GHHL	7390331600	118.2	119.3	119.1	116.3p	115.8p	-2.3	-0.4	-4.3	-6.3
Rest of repair and installation	GHHN	7390333355	137.7r	137.1r	137.3	138.2p	136.8p	0.7	-1.0	1.5	-0.1
<b>Imported materials:</b>											
Total Imports	GD74	8170111199	145.5r	146.0	145.3	143.9p	143.6p	-1.0	-0.2	5.4	2.4

Source: Office for National Statistics

1 The Climate Change Levy was introduced in April 2001.

 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		
2022 May	-	-	-	-	-0.1	-
Jun	-0.1	-	-0.1	-0.1	-	-0.1
Jul	-0.1	-	-0.1	-	-	-0.1
Aug	-	-	-	-0.1	-	-0.1
Sep	-	-	-	-	-	-0.1
Oct	-0.1	-	-	-	-	-
Nov	-0.1	-	-	-0.1	-	-
Dec	-	-	-	-	-	-0.1
2023 Jan	-0.1	-	-0.1	-0.1	-0.1	-0.1
Feb	-0.1	-	-	-0.1	-	-0.1
Mar	-0.1	-	-0.1	-0.1	-	-0.1
Apr	-0.3	-0.2	-0.2	-0.1	-	-

Source: Office for National Statistics

Please see Statistical Bulletin section entitled "Revisions" for further information