

Statistical bulletin

Producer price inflation, UK: August 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 fell by 2.3% in the year to August 2023, up from a revised fall of 3.2% in the year to July 2023.
- Producer output (factory gate) prices fell by 0.4% in the year to August 2023, up from a revised fall of 0.7% in the year to July 2023.
- On a monthly basis, producer input prices rose by 0.4% and output prices rose by 0.2% in August 2023.
- Crude oil and petroleum products provided the largest downward contributions to the annual rates of input and output inflation, respectively.
- While annual producer price inflation rates have recently turned negative, with prices in some sectors falling, the index levels for both input and output prices 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 third consecutive month. However, there is a month-on-month rise in the rate for the first time since reaching its record high in June 2022 (Figure 1).

The annual inflation rate of the output PPI was negative for the second consecutive month, although this too has seen a month-on-month rise in the rate for the first time since July 2022.

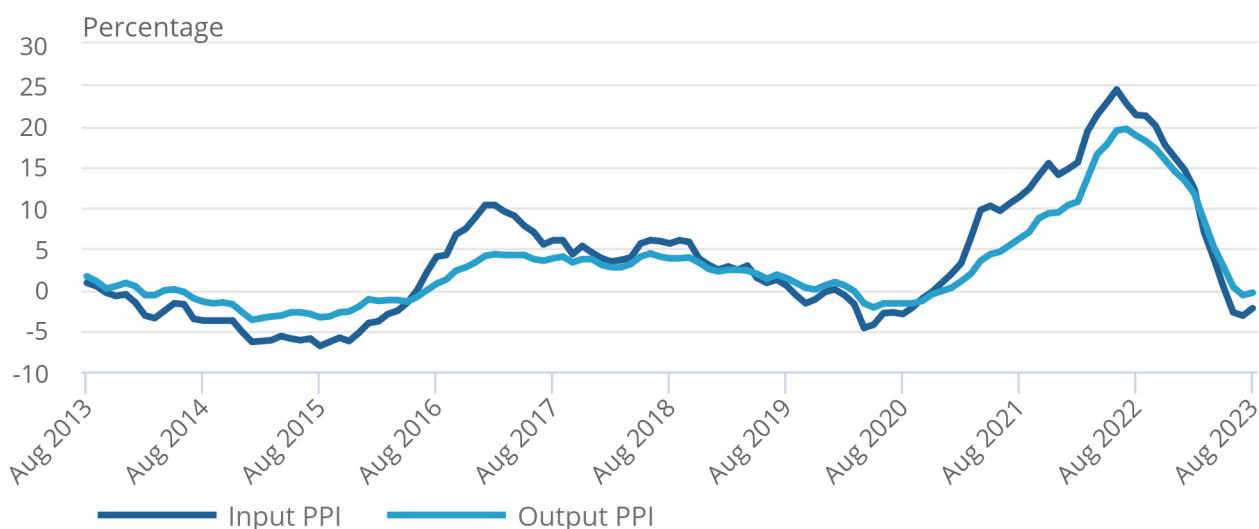
The index levels for both input and output prices have remained high since July 2022 (Figure 2). The small decreases seen in the past few months, when compared with the broadly stable values over the past year, have created a fall in the annual inflation rate, even though the index levels remain high (Figure 1). We explain this in further detail in our [Beware base effects blog post](#).

Figure 1: Annual input and output PPI inflation rates both remained negative in August 2023 but showed slight increases relative to July

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

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



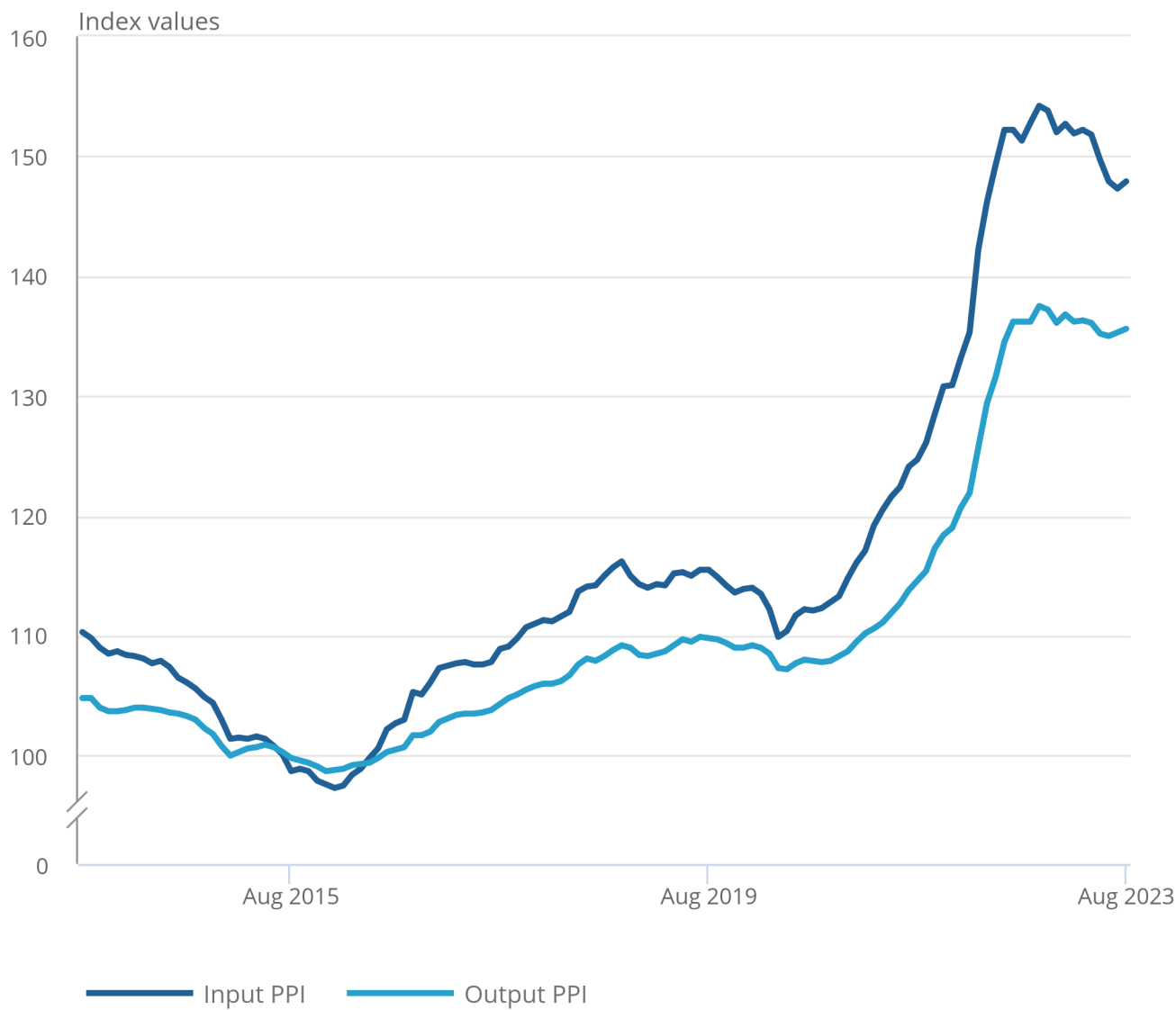
Source: Producer Price Index (PPI) from the Office for National Statistics

Figure 2: The input and output PPI levels both rose slightly in August 2023

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

Figure 2: The input and output PPI levels both rose slightly in August 2023

Input and output Producer Price Index (PPI) values, UK, August 2013 to August 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 increased by 0.9 percentage points from negative 3.2% in July 2023 to negative 2.3% in August 2023 (Table 1).

The monthly producer input inflation increased by 0.4% in August 2023, following a fall of 0.4% in July 2023 (Table 1). The last time the monthly rate was positive was in March 2023. The figures for both July and August 2023 are provisional; therefore, they may be subject to small revisions as additional survey data are returned and validated.

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

	PPI Index (2015=100)	Monthly rate	Annual rate	Change in the annual rate (percentage points)
2022 Aug	151.3	-0.6	21.3	-1.4
Sep	152.8	1.0	21.2	-0.1
Oct	154.2	0.9	20.0	-1.2
Nov	153.8	-0.3	17.6	-2.4
Dec	152.0	-1.1	16.1	-1.5
2023 Jan	152.7	0.4	14.6	-1.5
Feb	151.9	-0.5	12.3	-2.3
Mar	152.2	0.2	7.0	-5.3
Apr	151.8	-0.3	3.8	-3.2
May	149.7	-1.3	0.3	-3.5
Jun	147.9	-1.2	-2.8	-3.1
Jul	147.3	-0.4	-3.2	-0.4
Aug	147.9	0.4	-2.3	0.9

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 input inflation rate in August 2023 came from inputs of crude oil, which contributed 1.76 percentage points (Figure 3). Overall prices in this product group saw a fall of 21.8% in the year to August 2023 (Table 2), up notably from a fall of 38.4% in the year to July. This reflects high global demand coinciding with increasing supply cuts.

Inputs of metals and non-metallic minerals, as well as inputs of chemicals, provided the second and third largest downward contributions, at 1.10 and 1.04 percentage points, respectively.

There are also offsetting upward contributions from some product groups. Inputs of other parts and equipment and inputs of fuel provided the largest upward contributions, at 1.31 and 0.88 percentage points, respectively.

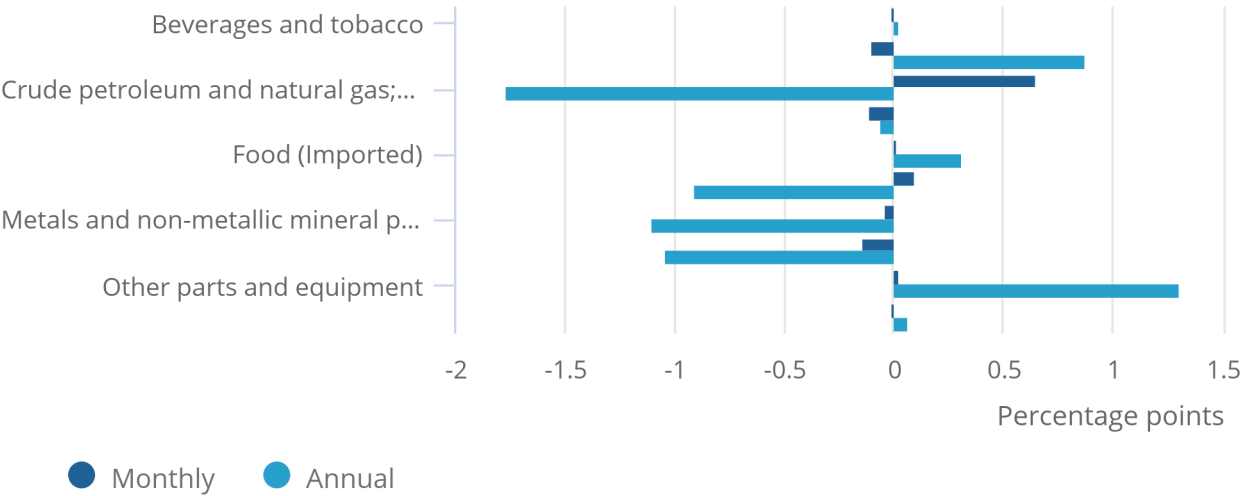
As indicated in our [Classification review of the Energy Bills Discount Scheme statement](#), the data relating to the inputs of fuel now reflect the impact of the Energy Bills Discount Scheme (EBDS), which took effect from May 2023.

Figure 3: Crude oil provided the largest downward contribution to the annual inflation rate of input PPI in August 2023

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

Figure 3: Crude oil provided the largest downward contribution to the annual inflation rate of input PPI in August 2023

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

Product group	Percentage change		Percentage change	
	July 2023		August 2023	
	Monthly Rate	Annual Rate	Monthly Rate	Annual Rate
Beverages and tobacco	0.4	13.7	-0.1	11.3
Fuel	-2.7	34.0	-1.9	22.9
Crude petroleum and natural gas; Metal ores	1.6	-38.4	12.1	-21.8
Food (Domestic)	-0.8	0.6	-0.8	0.5
Food (Imported)	0.4	15.8	0.6	15.1
Other produced material	0.5	-8.5	1.0	-7.0
Metals and non-metallic mineral products	-0.6	-3.0	-0.1	-2.8
Chemicals	-0.6	-5.3	-0.8	-6.5
Other parts and equipment	-0.5	3.5	0.2	2.1
Other inputs	-0.1	4.2	0.0	4.0
Manufactured products	-0.4	-3.2	0.4	-2.3

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

Of the 10 product groups for input Producer Price Index (PPI), 3 showed upward contributions to the change in the annual inflation rate, with crude oil providing the largest, at 1.53 percentage points (Figure 4).

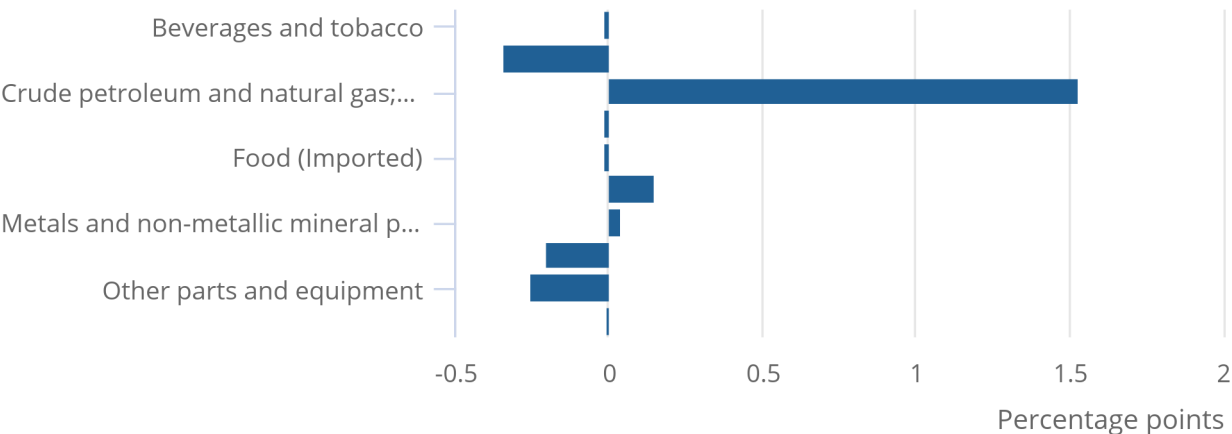
Crude oil prices rose by 12.1% between July and August 2023, seeing the annual inflation rate for crude oil slow from a fall of 38.4% in July to a fall of 21.8% in August.

Figure 4: Crude oil provided the largest upward 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, August 2023

Figure 4: Crude oil provided the largest upward 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, August 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.

The prices of materials and fuels imported by UK manufacturing rose by 1.5% between July and August 2023, up from a fall of 0.5% between June and July. As a result, the annual inflation rate fell by 2.0% in August, up from the fall of 2.9% seen in July (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, August 2022 to August 2023

	PPI Index (2015=100)	Monthly rate	Annual rate	Change in the annual rate (percentage points)	Sterling Index (Jan 2005=100)	Monthly rate	Annual rate
2022 Aug	143.8	0.5	20.8	1.2	79.1	0.2	-3.5
Sep	149.7	4.2	24.4	3.6	76.3	-3.5	-6.4
Oct	150.7	0.6	24.3	-0.1	77.0	0.8	-6.2
Nov	147.1	-2.4	19.8	-4.5	78.1	1.5	-4.1
Dec	144.0	-2.1	16.6	-3.2	79.0	1.2	-2.9
2023 Jan	145.5	1.0	17.3	0.7	78.3	-1.0	-5.3
Feb	146.1	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	141.8	-1.3	1.1	-4.1	80.1	1.0	0.3
Jun	139.6	-1.5	-2.7	-3.8	81.7	2.0	3.0
Jul	138.9	-0.5	-2.9	-0.2	82.6	1.1	4.6
Aug	140.9	1.5	-2.0	0.9	82.3	-0.3	4.1

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

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 increased by 0.3 percentage points from a fall of 0.7% in July 2023 to a fall of 0.4% in August. This was the second consecutive month that the rate has been negative, but the first month-on-month rise in the annual rate since July 2022.

Producer output inflation increased by 0.2% between July and August 2023, unchanged from the inflation rate between June and July 2023 (Table 4).

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

	PPI Index (2015=100)	Monthly rate	Annual rate	Change in the annual rate (percentage points)
2022 Aug	136.2	0.0	18.8	-0.8
Sep	136.2	0.0	18.1	-0.7
Oct	137.5	0.9	17.2	-0.9
Nov	137.2	-0.2	15.8	-1.4
Dec	136.1	-0.8	14.4	-1.4
2023 Jan	136.8	0.5	13.3	-1.1
Feb	136.2	-0.4	11.7	-1.6
Mar	136.3	0.0	8.4	-3.3
Apr	136.1	-0.1	5.2	-3.2
May	135.2	-0.6	2.8	-2.4
Jun	135.0	-0.2	0.3	-2.5
Jul	135.3	0.2	-0.7	-1.0
Aug	135.6	0.2	-0.4	0.3

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 August 2023 came from refined petroleum products, which contributed 3.54 percentage points (Figure 5). This product group saw a price fall of 30.0% in the year to August (Table 5), up from a 38.4% fall in the year to July.

Despite providing the second-largest downward contribution to the annual rate, metal prices increased by 1.9% in the year to August 2023. The downward contribution was caused by the 2023 weight for this product group being lower than its weight in 2022. We provide more information in our [Chain-linking in business prices article](#) and in Section 5 of our [Producer price inflation, UK: February 2023 bulletin](#).

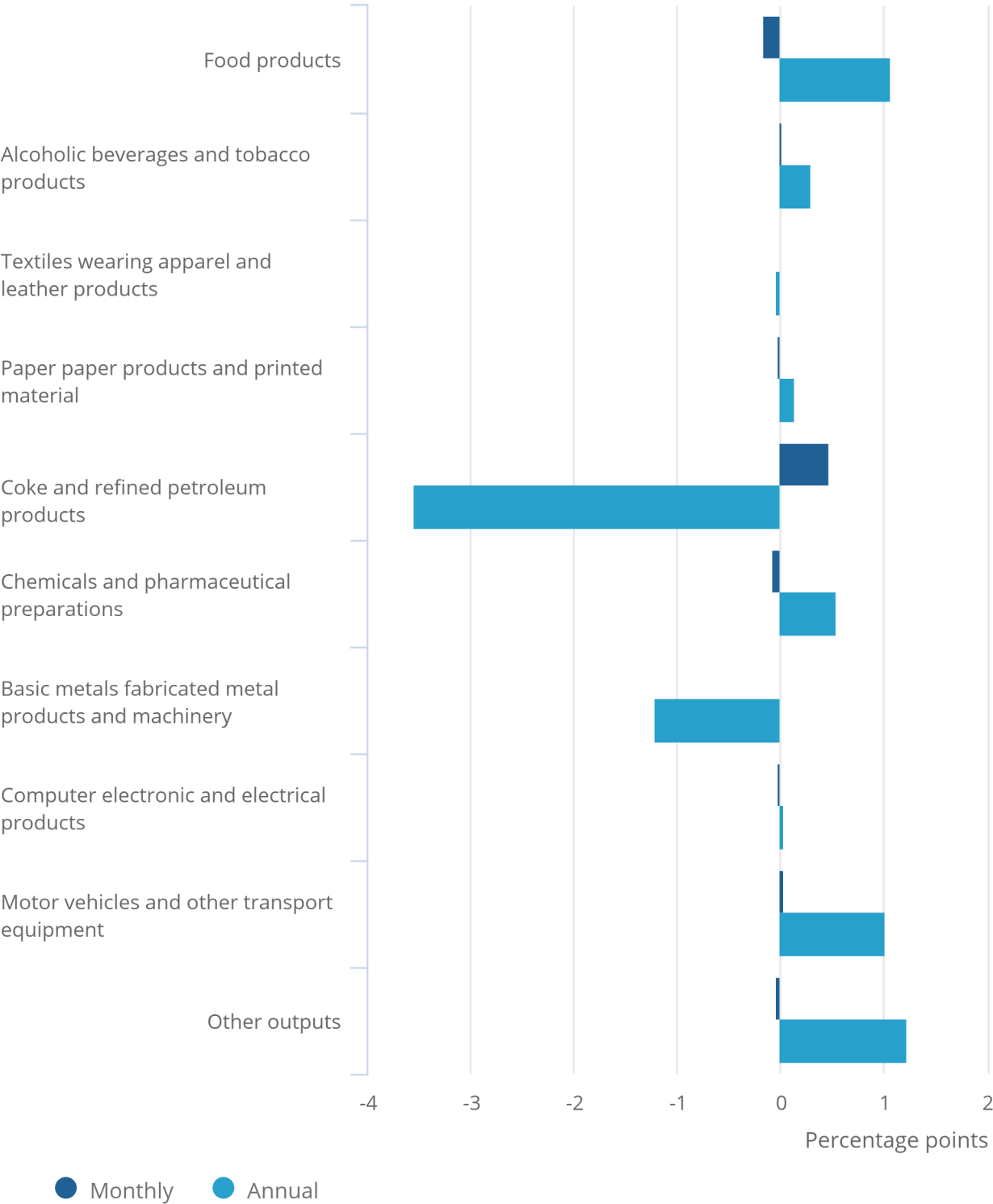
The largest offsetting upward contribution to the annual output inflation rate in August 2023 came from other outputs from manufacturing, which contributed 1.22 percentage points.

Figure 5: Petroleum provided the largest downward contribution to the annual inflation rate of output PPI in August 2023

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

Figure 5: Petroleum provided the largest downward contribution to the annual inflation rate of output PPI in August 2023

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



Notes:

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

Table 5: Output prices, inflation rates
UK, July and August 2023

Product group	Percentage change		Percentage change	
	July 2023		August 2023	
	Monthly Rate	Annual Rate	Monthly Rate	Annual Rate
Food products	-0.3	6.5	-0.6	5.1
Alcoholic beverages and tobacco products	-1.3	15.0	0.7	11.7
Textiles, wearing apparel and leather products	0.3	6.6	0.0	6.5
Paper, paper products and printed material	-0.4	1.7	-0.1	0.9
Coke and refined petroleum products	3.7	-38.4	7.7	-30.0
Chemicals and pharmaceutical preparations	-0.4	-6.1	-1.0	-8.9
Basic metals, fabricated metal products and machinery	0.7	2.0	0.0	1.9
Computer, electronic and electrical products	-0.2	4.0	-0.7	3.1
Motor vehicles and other transport equipment	-0.2	1.9	0.2	1.6
Other outputs	0.4	5.8	-0.1	5.0
Manufactured products	0.2	-0.7	0.2	-0.4

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

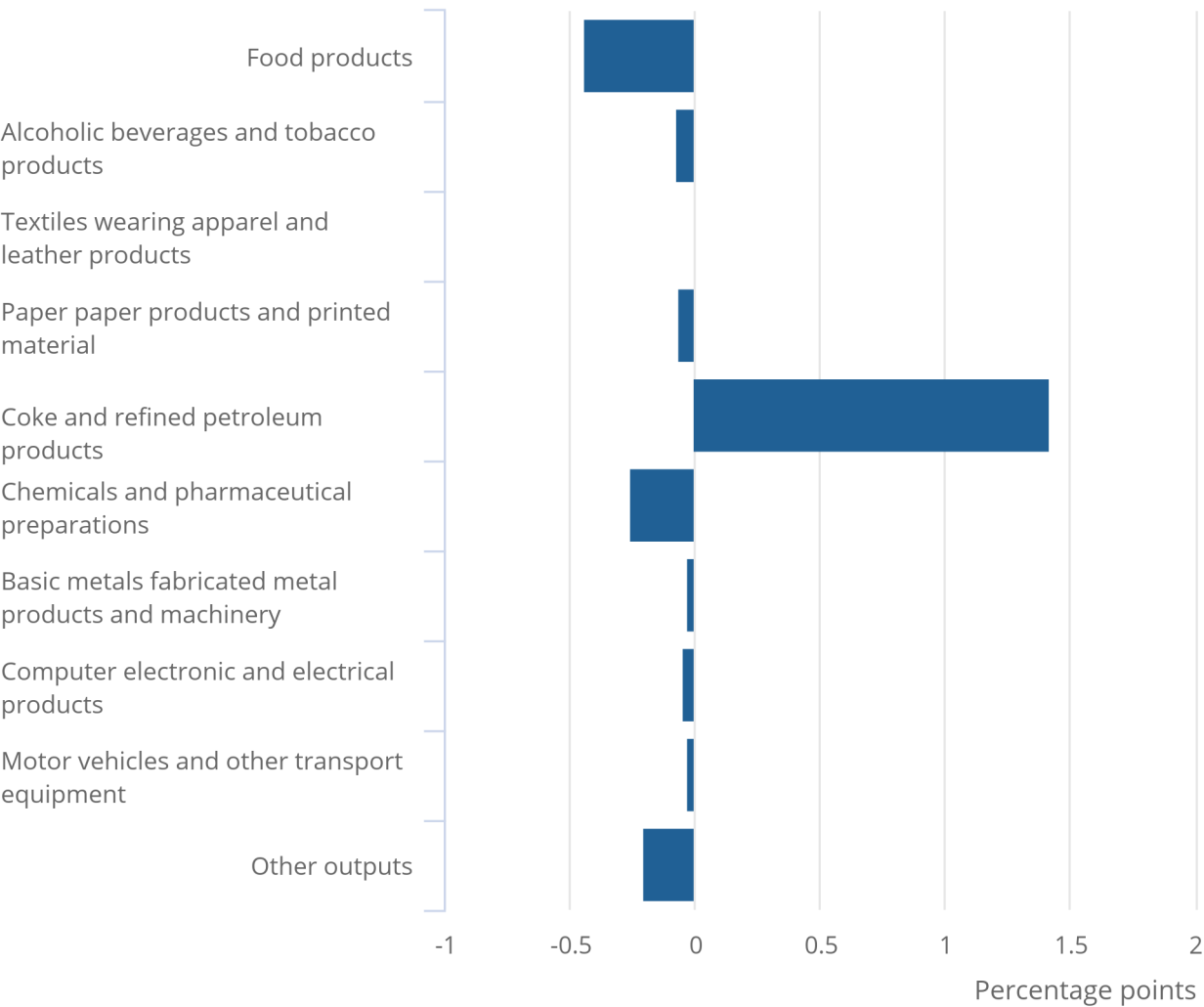
Of the 10 product groups, only petroleum products showed an upward contribution to the change in the annual inflation rate, at 1.42 percentage points (Figure 6). This upwards contribution was greater in magnitude than the sum of the contributions of the other product groups.

Figure 6: Petroleum products provided the only upwards contribution to the change in the annual output inflation rate

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

Figure 6: Petroleum products provided the only upwards contribution to the change in the annual output inflation rate

Output Producer Price Index (PPI), contribution to change in the annual inflation rate, UK, August 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 20 September 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.

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

Dataset | Released 20 September 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 20 September 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 . OSR assessment of the Producer Price Indices (PPI)

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.

Steps are already being taken to address the requirements of the report. In the coming months, we will update users on our plans to address the issues raised in this report.

Read the [full OSR report](#).

7 . 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).

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.

8 . 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:

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

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 \(PDF, 1.14MB\)](#)
- [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 the [revisions policy](#) and revisions triangles shows how estimates are revised over time.

9 . 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 August 2023

The response rate for the domestic PPI, Import Price Index (IPI) and Export Price Index (EPI) all increased between July and August 2023 (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, August 2022 to August 2023

	PPI (domestic)	IPI	EPI
August 2022	71.6	71.6	72.0
September 2022	71.9	74.8	78.2
October 2022	73.3	61.3	71.6
November 2022	78.0	73.3	71.7
December 2022	78.2	72.9	73.7
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

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

10 . 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: June 2023, new orders and Construction Output Price Indices, April to June 2023](#)

Bulletin | Released 11 August 2023

Short-term measures of output by construction industry in June 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 2 (April to June) 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.

11 . Cite this statistical bulletin

Office for National Statistics (ONS), released 20 September 2023, ONS website, statistical bulletin, [Producer price inflation, UK: August 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		
	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 Feb	136.2r	-0.4	11.7	134.7	-0.3	9.9	209.4	-5.7	12.6	132.5	0.8	15.5
Mar	136.3	-	8.4	135.1	0.3	8.2	200.6	-4.2	-11.6	133.1r	0.5	15.0
Apr	136.1	-0.1	5.2	135.1	-	6.0	190.5	-5.0	-25.0	133.9r	0.6	13.6
May	135.2	-0.6	2.8	134.5	-0.4	4.0	179.2	-5.9	-31.5	134.1	0.1	11.7
Jun	135.0	-0.2	0.3	134.2	-0.3	3.0	178.8	-0.2	-39.3	134	-	9.3
Jul	135.3p	0.2	-0.7	134.3p	0.1	2.2	185.5p	3.7	-38.4	133.9p	-0.1	7.3
Aug	135.6p	0.2	-0.4	134.1p	-0.1	1.6	199.7p	7.7	-30.0	133.1p	-0.6	5.8

p = provisional
r = revised

Source: Office for National Statistics

	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 Feb	133.0r	-0.8	9.6	131.6r	0.5	14.8	139.3	-3.3	3.5
Mar	132.7	-0.2	5.1	132.0r	0.3	14.2	136.1	-2.3	-9.2
Apr	132.4	-0.2	2.1	133.8	1.3	13.6	132.3	-2.8	-15.6
May	131.3	-0.8	-0.4	133.9	0.1	11.7	128.1	-3.1	-19.6
Jun	131.0	-0.2	-3.5	133.8	-	9.3	127.7	-0.3	-25.9
Jul	131.5p	0.4	-4.6	133.7p	-0.1	7.4	130.2p	1.9	-26.4
Aug	132.3p	0.6	-3.3	133.0p	-0.5	6.1	135.5p	4.0	-20.4

p = provisional
r = revised

Source: Office for National Statistics

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
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
7390333333				7390333392				7390333397			7390333394
GHIP				GHIO				GHIK			GHIM
2023 Feb	151.9r	-0.5	12.3	148.8	-0.3	12.0		149.0	-0.4	10.7	246.4
Mar	152.2	0.2	7.0	149.0	0.2	8.6		149.3	0.2	5.7	246.2
Apr	151.8	-0.3	3.8	148.9r	-	4.9		148.1	-0.8	2.4	271.8
May	149.7r	-1.3	0.3	147.0r	-1.3	2.3		146.3r	-1.2	-1.3	260.4
Jun	147.9	-1.2	-2.8	145.5	-1.0	0.6		144.3	-1.4	-4.5	264.7
Jul	147.3p	-0.4	-3.2	144.7p	-0.6	-0.2		143.9p	-0.3	-4.7	257.4p
Aug	147.9p	0.4	-2.3	144.3p	-0.2	-1.1		144.7p	0.6	-3.3	252.4p

Source: Office for National Statistics

¹ 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			
										Percentage change		Percentage change	
										1 month		12 months	
										2023		2023	
										2023		2023	
										Jul		Jul	
										Aug		Aug	
Gross Sector													
Output of manufactured products	GB7S	6158333333	136.1	135.2	135.0	135.3p	135.6p	0.2	0.2	-0.7	-0.4		
All manufacturing, excluding food, beverages, tobacco and petroleum	GBBV	6150333390	135.1	134.5	134.2	134.3p	134.1p	0.1	-0.1	2.2	1.6		
Food products, beverages and tobacco, excluding duty	GBA6	6150888897	133.9r	134.1	134.0	133.9p	133.1p	-0.1	-0.6	7.3	5.8		
Food products	G6SI	6140100000	134.3r	134.5	134.6	134.2p	133.4p	-0.3	-0.6	6.5	5.1		
Alcoholic beverages,excluding duty	G6SJ	6140110000	128.3	128.3	127.0	128.5p	127.9p	1.1	-0.4	12.7	9.9		
Soft drinks, mineral waters and other bottled waters	EVPU	6120110700	122.3	120.2	118.0	123.8p	121.2p	4.9	-2.1	9.5	7.3		
Textiles	G6SN	6140130000	124.3r	125.1r	125.1	125.5p	125.5p	0.3	-	7.2	7.2		
Wearing apparel	G6SO	6140140000	113.8	113.9	114.2	114.2p	114.4p	-	0.2	4.5	4.5		
Leather and related products	G6SP	6140150000	125.6	126.5	125.9	126.0p	126.1p	0.1	-	4.2	4.0		
Wood and products of wood and cork, except furniture	G6SQ	6140160000	153.8	154.6	153.9	154.1p	154.6p	0.1	0.3	-2.2	-2.3		
Paper and paper products	G6SR	6140170000	137.0	136.0r	134.5	133.3p	132.9p	-0.9	-0.2	-2.9	-3.9		
Printing and recording services	G6SS	6140180000	130.8	131.4r	132.1	132.5p	132.5p	0.3	-	8.1	7.7		
Coke and refined petroleum products, excluding duty	G6ST	6140190000	190.5	179.2	178.8	185.5p	199.7p	3.7	7.7	-38.4	-30.0		
Chemicals and chemical products	G6SV	6140200000	152.4	143.2r	140.9	141.1p	139.3p	0.2	-1.3	-8.1	-11.2		
Basic pharmaceutical products and pharmaceutical preparations	G6SW	6140210000	110.1r	109.5r	110.6	107.4p	107.4p	-2.9	-	2.0	1.2		
Rubber and plastic products	G6SX	6140220000	138.3	138.5r	139.0	139.1p	138.9p	0.1	-0.2	2.4	2.0		
Other non-metallic mineral products	G6SY	6140230000	157.1	157.4r	159.5	160.2p	160.1p	0.5	-0.1	14.5	13.3		
Basic metals	G6SZ	6140240000	194.7	188.0	184.4	181.5p	180.2p	-1.6	-0.7	-15.0	-15.5		
Fabricated metal products, except machinery and equipment	G6T3	6140250000	146.6r	147.0	145.0	147.0p	147.2p	1.4	0.1	6.1	6.1		
Computer, electronic and optical products	G6T5	6140260000	115.9	116.1	116.1	115.7p	115.1p	-0.3	-0.6	3.0	2.2		
Electrical equipment	G6VF	6140270000	130.7	130.8r	131.5	131.5p	130.3p	-	-0.9	5.5	4.3		
Machinery and equipment n.e.c.	G6VG	6140280000	131.0r	131.9r	131.9	131.8p	131.8p	-0.1	-	6.3	5.9		
Motor vehicles, trailers and semi-trailers	G6WH	6140290000	120.3	120.3	120.3	120.2p	120.3p	-0.1	0.1	3.7	3.3		
Other transport equipment	G72N	6140300000	118.5	118.7	118.7	118.3p	118.7p	-0.3	0.3	0.3	0.3		
Furniture	G75I	6140310000	130.0	132.0	132.6	132.3p	132.3p	-0.3	-	8.9	6.9		
Other manufactured goods	G776	6140320000	111.6	111.6	111.9	111.6p	111.9p	-0.2	0.2	2.8	2.3		
Repair and installation services of machinery and equipment	G777	6140330000	120.5	121.0	120.5	120.5p	120.5p	-	0.1	3.6	3.5		

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	
								1 month		12 months	
		2023	2023	2023	2023	2023		2023	2023	2023	2023
		Apr	May	Jun	Jul	Aug		Jul	Aug	Jul	Aug
Gross sector											
Other mining & quarrying products	GHEA 7390080000	158.5r	156.3	156.6	158.0p	158.5p		0.9	0.3	3.9	4.2
Manufacture of food products, beverages, tobacco	GHHV 7390888897	150.5	150.8r	148.2	147.3p	146.5p		-0.6	-0.5	3.5	2.9
Preserved meat & meat products	GHEF 7390101000	148.8	148.1r	145.3	144.0p	142.7p		-0.9	-0.9	-0.2	-0.4
Fish, crustaceans, molluscs, fruit & vegetables	GHEH 7390333387	150.7r	157.7r	146.7	144.7p	143.4p		-1.4	-0.9	3.0	3.7
Vegetable & animal oils & fats	GHEJ 7390104000	197.5	195.4	196.0	197.8p	200.7p		0.9	1.5	12.8	12.2
Dairy products	GHEL 7390105000	155.0r	153.2r	149.7	148.1p	146.9p		-1.0	-0.9	-4.4	-4.7
Grain mill products, starches & starch products	GHEN 7390106000	156.1r	155.5r	154.0	153.6p	153.2p		-0.3	-0.2	5.2	4.8
Bakery & farinaceous products	GHEP 7390107000	151.3	150.8r	150.9	150.6p	150.2p		-0.2	-0.2	8.4	6.8
Other food products	GHER 7390108000	145.2r	146.7r	146.5	146.3p	146.1p		-0.1	-0.2	10.9	8.8
Animal feeds	GHET 7390109000	152.9r	151.2r	149.6	148.4p	147.5p		-0.8	-0.6	0.1	-
Alcoholic Beverages	GHEV 7390333384	151.2	150.1	150.1	149.1p	148.8p		-0.7	-0.2	9.0	6.9
Soft drinks; mineral waters & other bottled waters	GHEX 7390110700	136.0	136.1r	135.8	136.6p	136.0p		0.6	-0.4	7.5	6.3
Tobacco products	GHEZ 7390120000	153.8r	151.8r	148.7	147.3p	146.7p		-1.0	-0.4	-4.3	-4.1
Manufacture of textiles & textile products; clothing	GHHW 7390888895	133.9r	133.8r	133.4	133.2p	133.0p		-0.1	-0.2	4.9	4.5
Textiles	GHFB 7390130000	136.6r	136.1r	135.5	135.2p	134.8p		-0.2	-0.3	4.5	4.0
Wearing apparel	GHFD 7390140000	129.1r	129.6r	129.5	129.5p	129.6p		-	0.1	5.8	5.4
Manufacture of leather & related products	GHFF 7390150000	137.0r	136.9r	135.9	135.4p	135.0p		-0.4	-0.3	4.5	3.1
Manufacture of wood & wood products	GHFH 7390160000	155.7	155.1	154.5	154.4p	154.6p		-0.1	0.1	-5.1	-5.2
Manufacture of pulp, paper & paper products, recording media & printing services	GHHZ 7390888892	146.7	145.4	144.8	143.9p	143.4p		-0.6	-0.4	2.5	0.7
Pulp, paper & paper products	GHFJ 7390170000	151.6	150.0	149.3	148.1p	147.5p		-0.8	-0.4	2.2	-
Printing & recording services	GHFL 7390180000	140.2	139.4r	138.9	138.3p	138.0p		-0.4	-0.3	3.0	1.7
Manufacture of coke & refined petroleum products	GHFN 7390190000	191.1	180.1	175.0	177.8p	196.8p		1.6	10.6	-36.1	-21.0
Manufacture of chemicals, chemical products & man-made fibres	GHHB 7390888890	162.8r	155.3r	152.6	151.5p	150.3p		-0.7	-0.8	-8.7	-10.6
Paints, varnishes & similar coatings, printing ink & mastics	GHFP 7390203000	154.0r	149.7r	147.6	146.9p	145.2p		-0.5	-1.1	-3.4	-4.4
Soaps, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR 7390204000	142.3	141.0	140.4	139.8p	139.3p		-0.5	-0.3	3.5	1.5
Other chemical products	GHFT 7390205000	144.3	142.4r	140.9	140.2p	139.5p		-0.5	-0.5	1.3	-1.3
Industrial gases; other basic inorganic chemicals; fertilisers & nitrogen compounds	GHFV 7390333378	185.5	168.4r	165.2	163.4p	160.8p		-1.1	-1.6	-11.8	-17.5
Petrochemicals & man made fibres	GHFX 7390333377	167.3	159.3r	155.7	154.7p	153.6p		-0.6	-0.7	-13.7	-14.0
Dyes & pigments; pesticides & other agrochemical products	GHFZ 7390333376	164.0	158.2r	156.3	154.2p	153.3p		-1.3	-0.6	-2.8	-4.6
Manufacture of basic pharmaceutical products & pharmaceutical preparations	GHGB 7390210000	129.7r	128.6r	128.2	126.3p	126.0p		-1.5	-0.3	2.4	0.7
Manufacture of rubber & plastic products	GHGD 7390220000	152.0r	149.8r	148.2	147.4p	146.2p		-0.5	-0.8	-0.6	-1.1
Manufacture of cement, lime & plaster	GHGF 7390333375	161.0	159.1r	159.3	160.0p	159.8p		0.5	-0.1	4.8	4.0
Manufacture of glass, refractory, clay, other porcelain, ceramic stone products	GHGH 7390333374	158.1r	155.3r	155.1	156.1p	156.1p		0.6	-	3.3	2.3
Manufacture of basic metals & fabricated products	GHIF 7390888884	177.6	174.0r	171.8	170.5p	170.5p		-0.8	-	-3.2	-2.5
Basic iron, steel & alloys: tubes, pipes, hollow profiles	GHGJ 7390333369	196.6r	189.8r	188.0	185.7p	185.3p		-1.2	-0.2	-7.2	-5.2
Other basic metals & casting	GHGL 7390333368	188.9	185.7	182.9	180.5p	182.1p		-1.3	0.9	-3.3	-1.0
Weapons & ammunition	GHGN 7390254000	146.2r	145.9r	145.0	145.1p	144.8p		-	-0.2	5.6	4.8
Fabricated metal products, excluding machinery & equipment & weapons & ammunition	GHGP 7390333365	169.5r	166.6	164.2	163.6p	163.1p		-0.4	-0.3	-2.3	-2.9
Manufacture of computer, electronic & optical products, electrical equipment	GHIG 7390888883	140.1	139.2	138.5	137.9p	137.5p		-0.4	-0.3	2.6	2.2
Computer, electronic & optical products	GHGR 7390260000	136.8r	136.0	135.3	134.8p	134.5p		-0.4	-0.2	3.6	3.1
Electrical equipment	GHGT 7390270000	143.7r	142.9r	142.1	141.4p	140.9p		-0.5	-0.3	1.6	1.2
Manufacture of machinery & equipment n.e.c	GHGV 7390280000	149.5r	148.6r	146.8	146.3p	146.1p		-0.4	-0.1	1.4	1.1
Manufacturing of motor vehicles & other transport equipment	GHII 7390888881	140.3r	139.3	138.0	137.2p	137.3p		-0.6	-	1.0	-0.3
Motor vehicles, trailers & semi trailers	GHGX 7390290000	136.1	135.1	134.0	133.6p	133.4p		-0.3	-0.1	1.3	1.2
Ships & boats	GHGZ 7390301000	144.5r	143.5r	142.0	141.6p	141.3p		-0.3	-0.2	-1.6	-1.9
Aircraft & spacecraft & related machinery	GHHB 7390303000	150.1r	149.0	147.2	145.6p	146.1p		-1.1	0.3	1.1	-2.9
Other transport equipment	GHHD 7390333358	127.7	127.0r	126.3	126.0p	127.0p		-0.3	0.8	2.1	2.6
Manufacture of other manufactured goods n.e.c	GHIJ 7390888880	152.3	151.2r	150.0	149.5p	149.4p		-0.3	-	-	-0.1
Furniture	GHIF 7390310000	152.5	151.8	150.9	150.6p	150.6p		-0.2	-	-1.7	-1.8
Other manufacturing	GHHH 7390320000	152.1	150.7r	149.3	148.6p	148.5p		-0.5	-0.1	1.3	1.4
Repair & maintenance of ships & boats	GHHJ 7390331500	146.8r	145.2r	143.7	142.7p	142.3p		-0.7	-0.3	-6.0	-6.3
Repair & maintenance services of aircraft & spacecraft	GHHL 7390331600	116.6	116.3	115.1	113.3p	114.5p		-1.5	1.0	-4.2	-3.4
Other repair; installation	GHHN 7390333355	137.8	136.5r	136.0	135.9p	136.6p		-0.1	0.5	-2.7	-2.0

Source: Office for National Statistics

¹ 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 Apr	2023 May	2023 Jun	2023 Jul	2023 Aug	2023 Jul	2023 Aug	2023 Jul	2023 Aug	
Fuel excl. CCL	FSQ3 7490222295	283.6	270.8	276.5	269.0p	263.8p	-2.7	-1.9	34.0	22.9	
Mining of coal & lignite exc CCL	GHDW 7390050000	187.5r	174.6r	185.8	186.9p	189.7p	0.6	1.5	-6.2	3.4	
Electricity excl. CCL	GHHP 7390351000	267.5	256.5r	260.3	254.4p	250.8p	-2.3	-1.4	29.1	20.5	
Gas excl. CCL	GHHR 7390444499	264.5	250.9r	252.7	241.8p	239.3p	-4.3	-1.1	11.0	0.4	
Crude Oil	FSQ4 7490444498	191.4	180.0	173.7	176.5p	197.8p	1.6	12.1	-38.4	-21.8	
Domestic crude oil & metal ores	GGT3 7190222295	190.5	181.1	176.1	178.1p	200.0p	1.1	12.3	-38.8	-22.3	
Imported crude oil & metal ores	GHBV 7290222295	193.2	178.0	169.5	173.8p	194.1p	2.5	11.7	-37.4	-20.8	
Home produced food:	FSP7 7190351000	144.6	145.2r	142.5	141.4p	140.3p	-0.8	-0.8	0.6	0.5	
Products of agriculture, hunting and related services	GGO7 7190010000	156.4r	154.1r	149.8	147.7p	146.3p	-1.4	-0.9	-10.7	-9.7	
Fish & other fish products	GGSS 7190030000	151.7	182.6r	140.9	136.0p	128.8p	-3.5	-5.3	-2.0	2.9	
Preserved meat and meat products	GH2M 7190101000	127.5r	128.4r	128.7	127.7p	126.4p	-0.7	-1.0	6.9	6.1	
Processed fish & fish products; fruit & vegetables	GH7R 7190333387	126.5	129.3	130.2	129.5p	129.0p	-0.6	-0.3	12.4	10.1	
Vegetable & animal oils and fats	GH7S 7190104000	196.0	195.4	194.8	194.4p	195.1p	-0.2	0.4	13.1	11.6	
Dairy products	GH8A 7190105000	154.1	151.3r	150.5	148.8p	146.6p	-1.2	-1.5	-3.4	-7.2	
Grain mill products, starches and starch products	GH8B 7190106000	146.3	145.6	145.9	146.5p	145.9p	0.4	-0.4	7.9	7.4	
Bakery and Farinaceous products	GH8C 7190107000	131.8	132.4	132.3	133.5p	133.1p	0.9	-0.3	11.7	10.5	
Other Food products	GH8L 7190108000	121.7	122.8r	123.6	124.2p	124.3p	0.5	0.1	11.4	10.3	
Prepared animal feeds	GH98 7190109000	158.0r	154.3r	153.4	151.2p	149.8p	-1.4	-0.9	-2.6	-3.0	
Imported food materials	FSP9 7490333354	173.3	176.8	170.3	170.9p	171.9p	0.4	0.6	15.8	15.1	
Agricultural crop products	GHBQ 7290010000	149.9	149.1	133.6	133.2p	130.6p	-0.4	-1.9	7.0	5.1	
Fish & fish products	GHBS 7290030000	158.4	158.1	156.4	153.8p	164.6p	-1.6	7.0	-6.1	0.3	
Meat & meat products	GBX 7290101000	190.3	194.7	193.1	193.1p	192.1p	-	-0.5	21.5	18.9	
Processed fish & fish products, fruit & vegetables	GHBY 7290333387	142.2	142.8	137.0	136.6p	137.4p	-0.3	0.5	7.9	6.7	
Vegetable & animal oils & fats	GBZ 7290104000	210.4	205.8	210.8	225.4p	238.5p	6.9	5.8	16.5	23.2	
Dairy products	GHCA 7290105000	173.0	174.0	172.8	171.5p	172.7p	-0.8	0.7	9.6	12.2	
Grain mill products & starches	GHCB 7290106000	195.6	193.8	192.7	188.4p	188.9p	-2.2	0.2	18.2	18.6	
Bakery & farinaceous products	GHCC 7290107000	189.9	187.4	184.5	184.7p	185.1p	0.1	0.2	35.4	34.1	
Other food products	GHCD 7290108000	215.8	242.6	239.3	244.8p	248.8p	2.3	1.6	36.4	32.0	
Prepared animal feeds	GHCE 7290109000	178.7	179.5	173.0	173.2p	173.2p	0.1	-	6.2	7.0	
Other home produced materials	FSQ2 7490333353	147.7r	146.0r	145.2	145.9p	147.3p	0.5	1.0	-8.5	-7.0	
Forestry products	GGP2 7190020000	173.5	173.5	173.5	173.5p	173.5p	-	-	-26.8	-26.8	
Other mining & quarrying products exc agg	GH2L 7190080000	142.9	142.6	143.3	148.4p	148.4p	3.6	-	8.3	8.4	
Textiles	GHAE 7190130000	124.3r	125.1r	125.1	125.5p	125.5p	0.3	-	7.2	7.2	
Wearing Apparel	GHAF 7190140000	113.8	113.9	114.2	114.2p	114.4p	-	0.2	4.5	4.5	
Leather and related products	GHAG 7190150000	125.6	126.5	125.9	126.0p	126.1p	0.1	-	4.2	4.0	
Wood and products of wood and cork, exc furniture	GHAH 7190160000	153.8	154.6	153.9	154.1p	154.6p	0.1	0.3	-2.2	-2.3	
Paper and paper products	GHAJ 7190170000	137.0	136.0r	134.5	133.3p	132.9p	-0.9	-0.2	-2.9	-3.9	
Coke & refined petroleum products	GHAK 7190190000	190.5	179.2	178.8	185.5p	199.7p	3.7	7.7	-38.4	-30.0	
Water collection, treatment & supply	GHBP 7190360000	121.8	121.8	121.8	121.8p	121.8p	-	-	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 1 month		Percentage change 12 months	
			2023 Apr	2023 May	2023 Jun	2023 Jul	2023 Aug	2023 Jul	2023 Aug	2023 Jul	2023 Aug
Inputs of Metals and Non-Metallic Mineral products	FSQ8	7390333351	175.7r	173.1r	170.0	169.1p	168.9p	-0.6	-0.1	-3.0	-2.8
Cement, lime, plaster and articles of concrete, cement & plaster	GHGF	7390333375	161.0	159.1r	159.3	160.0p	159.8p	0.5	-0.1	4.8	4.0
Glass, refractory clay, porcelain, ceramic and stone products	GHGH	7390333374	158.1r	155.3r	155.1	156.1p	156.1p	0.6	-	3.3	2.3
Basic iron, steel & alloys, tubes, pipes, hollow profiles and fittings	GHGJ	7390333369	196.6r	189.8r	188.0	185.7p	185.3p	-1.2	-0.2	-7.2	-5.2
Other basic metals & casting	GHGL	7390333368	188.9	185.7	182.9	180.5p	182.1p	-1.3	0.9	-3.3	-1.0
Weapons & ammunition	GHGN	7390254000	146.2r	145.9r	145.0	145.1p	144.8p	-	-0.2	5.6	4.8
Fabricated metal products excluding weapons & ammunition	GHGP	7390333365	169.5r	166.6	164.2	163.6p	163.1p	-0.4	-0.3	-2.3	-2.9
Inputs of Chemicals	FSQ7	7490333352	144.3	140.7	138.7	137.9p	136.8p	-0.6	-0.8	-5.3	-6.5
Paints, varnishes & coatings, printing inks & other mastics	GHFP	7390203000	154.0r	149.7r	147.6	146.9p	145.2p	-0.5	-1.1	-3.4	-4.4
Soap, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR	7390204000	142.3	141.0	140.4	139.8p	139.3p	-0.5	-0.3	3.5	1.5
Other chemical products	GHFT	7390205000	144.3	142.4r	140.9	140.2p	139.5p	-0.5	-0.5	1.3	-1.3
Industrial gases, inorganic chemicals, fertilisers & nitrogen compounds	GHFV	7390333378	185.5	168.4r	165.2	163.4p	160.8p	-1.1	-1.6	-11.8	-17.5
Petrochemicals	GHFX	7390333377	167.3	159.3r	155.7	154.7p	153.6p	-0.6	-0.7	-13.7	-14.0
Dyes & pigments; pesticides & other agro-chemical products	GHFZ	7390333376	164.0	158.2r	156.3	154.2p	153.3p	-1.3	-0.6	-2.8	-4.6
Basic pharmaceutical products & pharmaceutical preparations	GHGB	7390210000	129.7r	128.6r	128.2	126.3p	126.0p	-1.5	-0.3	2.4	0.7
Rubber & plastic products	GHGD	7390220000	152.0r	149.8r	148.2	147.4p	146.2p	-0.5	-0.8	-0.6	-1.1
Other parts & equipment	FSQ9	7490333349	122.9	123.0r	122.5	121.8p	122.0p	-0.5	0.2	3.5	2.1
Computer, electronic & optical products	GHGR	7390260000	136.8r	136.0	135.3	134.8p	134.5p	-0.4	-0.2	3.6	3.1
Electrical equipment	GHGT	7390270000	143.7r	142.9r	142.1	141.4p	140.9p	-0.5	-0.3	1.6	1.2
Machinery & equipment n.e.c	GHGV	7390280000	149.5r	148.6r	146.8	146.3p	146.1p	-0.4	-0.1	1.4	1.1
Motor vehicles, trailers & semi-trailers	GHGX	7390290000	136.1	135.1	134.0	133.6p	133.4p	-0.3	-0.1	1.3	1.2
Ships & boats	GHGZ	7390301000	144.5r	143.5r	142.0	141.6p	141.3p	-0.3	-0.2	-1.6	-1.9
Aircraft, spacecraft & related machinery	GHHB	7390303000	150.1r	149.0	147.2	145.6p	146.1p	-1.1	0.3	1.1	-2.9
Other transport equipment	GHHD	7390333358	127.7	127.0r	126.3	126.0p	127.0p	-0.3	0.8	2.1	2.6
Other Inputs	FSQ6	7490111196	120.3	120.8	120.5	120.5p	120.5p	-0.1	-	4.2	4.0
Printing & recording services	GHFL	7390180000	140.2	139.4r	138.9	138.3p	138.0p	-0.4	-0.3	3.0	1.7
Furniture	GHHF	7390310000	152.5	151.8	150.9	150.6p	150.6p	-0.2	-	-1.7	-1.8
Other manufactured goods n.e.c	GHHH	7390320000	152.1	150.7r	149.3	148.6p	148.5p	-0.5	-0.1	1.3	1.4
Repair & maintenance of ships and boats	GHHJ	7390331500	146.8r	145.2r	143.7	142.7p	142.3p	-0.7	-0.3	-6.0	-6.3
Repair & maintenance of aircraft and spaceships	GHHL	7390331600	116.6	116.3	115.1	113.3p	114.5p	-1.5	1.0	-4.2	-3.4
Rest of repair and installation	GHHN	7390333355	137.8	136.5r	136.0	135.9p	136.6p	-0.1	0.5	-2.7	-2.0
Imported materials:											
Total Imports	GD74	8170111199	143.7	141.8	139.6	138.9p	140.9p	-0.5	1.5	-2.9	-2.0

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

Source: Office for National Statistics

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