Statistical bulletin

Producer price inflation, UK: June 2023 including services, April to June 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). Also including quarterly estimates monitoring the changes in prices charged for services provided to UK-based customers for a range of industries.

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1 . Main points

- Producer input prices fell by 2.7% in the year to June 2023, down from a rise of 0.4% in the year to May 2023.
- Producer output (factory gate) prices rose by 0.1% in the year to June 2023, down from a rise of 2.7% in the year to May 2023.
- On a monthly basis, producer input prices fell by 1.3% and output prices by 0.3% in June 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, and prices in some sectors have started to fall, the index levels for both input and output prices remain substantially higher than their 2021 levels.
- Services producer prices rose by 4.8% in the year to Quarter 2 (Apr to June) 2023, down from a rise of 5.3% in the year to Quarter 1 (Jan to Mar) 2023.

2 . Producer price inflation rates

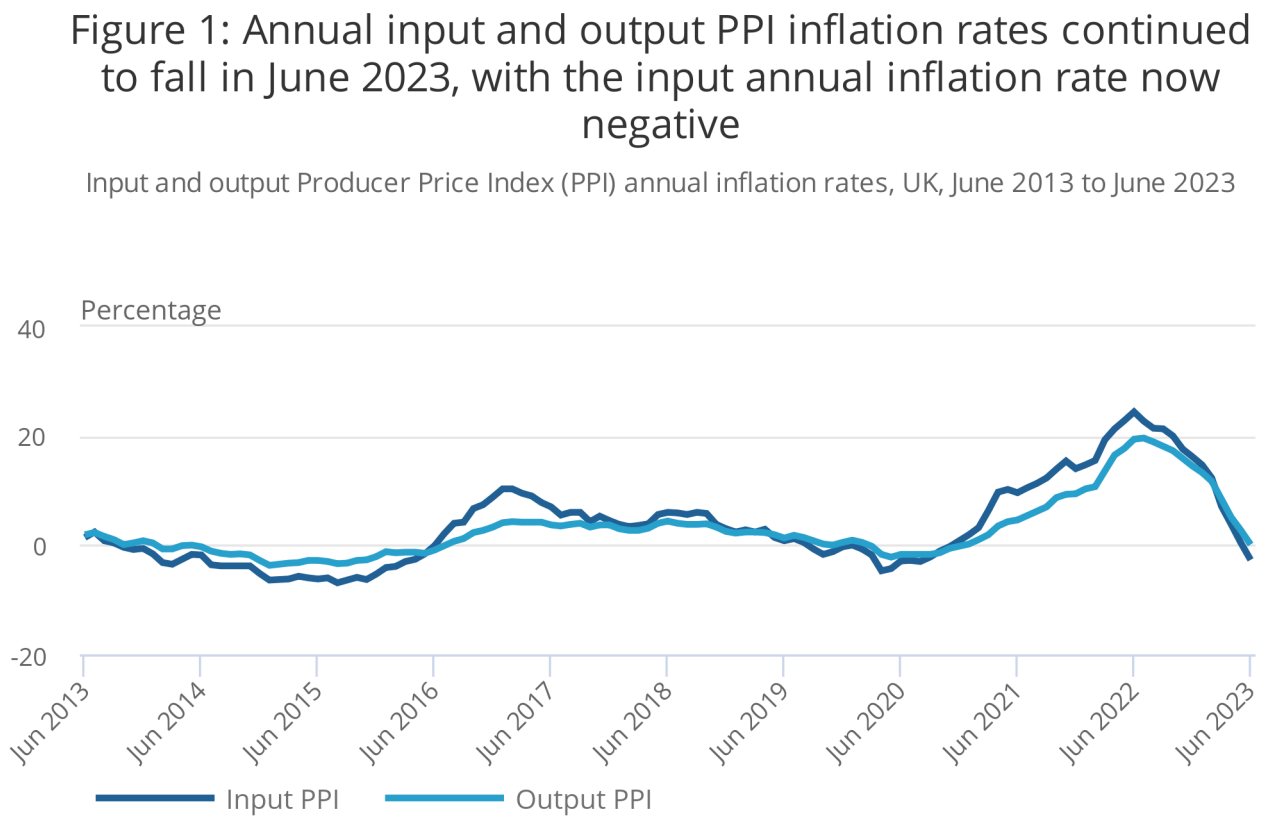
The annual rate of the input Producer Price Index (PPI) is negative for the first time since November 2020. The rate has slowed for the twelfth consecutive month from its record annual high of 24.4% in June 2022 (Figure 1).

The annual rate of the output PPI has now been positive for 30 consecutive months, but it has been slowing for the past 11 months. The annual rate of 0.1% is down from its recent peak of 19.6% in July 2022 and is the lowest the rate has been since December 2020.

The index levels for both input and output prices have remained high since June 2022 (Figure 2). The small decreases seen in the past few months, when compared with the broadly stable values over the past year, have the effect of creating 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.

Figure 1: Annual input and output PPI inflation rates continued to fall in June 2023, with the input annual inflation rate now negative

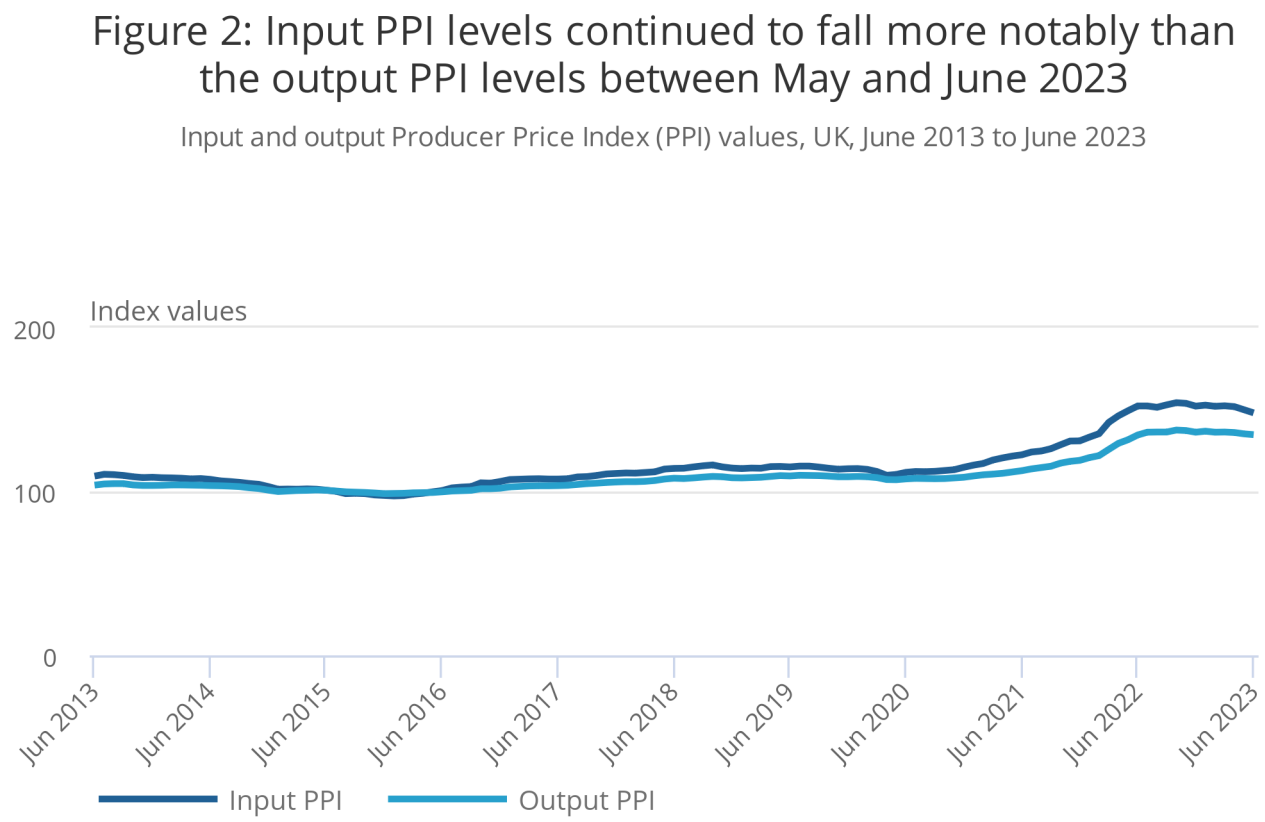
Input and output Producer Price Index (PPI) annual inflation rates, UK, June 2013 to June 2023



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

Figure 2: Input PPI levels continued to fall more notably than the output PPI levels between May and June 2023

Input and output Producer Price Index (PPI) values, UK, June 2013 to June 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 3.1 percentage points from a rise of 0.4% in May 2023 to a fall of 2.7% in June 2023 (Table 1). This is the lowest the annual rate has been since August 2020. For more detail, see our Producer price inflation records dataset.

The monthly producer input inflation decreased by 1.3% in June 2023, down again from a decrease of 1.2% in May 2023 (Table 1). This is the biggest monthly decrease since April 2020. The figures for both May and June 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, June 2022 to June 2023

All materials and fuels purchased (GHIP)

	PPI Index (2015=100)	Monthly rate	Annual rate	Change in the annual rate (percentage points)
2022 June	152.2	1.9	24.4	1.6
July	152.2	0.0	22.7	-1.7
Aug	151.4	-0.5	21.4	-1.3
Sept	152.9	1.0	21.3	-0.1
Oct	154.2	0.9	20.0	-1.3
Nov	153.8	-0.3	17.6	-2.4
Dec	152.1	-1.1	16.2	-1.4
2023 Jan	152.7	0.4	14.7	-1.5
Feb	152.0	-0.5	12.3	-2.4
Mar	152.3	0.2	7.1	-5.2
Apr	151.8	-0.3	3.8	-3.3
May	149.9	-1.2	0.4	-3.4
June	148.0	-1.3	-2.7	-3.1

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

Notes

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

The largest downward contribution to the annual input inflation rate in June 2023 came from inputs of crude oil, which contributed 3.72 percentage points (Figure 3). This product group saw a price decrease of 41.1% in the year to June 2023 (Table 2), which is down from a 33.2% decrease in May 2023. The average price for world crude oil was $73 per barrel in American dollars in June 2023, which is down 37.3% on the year, according to The World Bank.

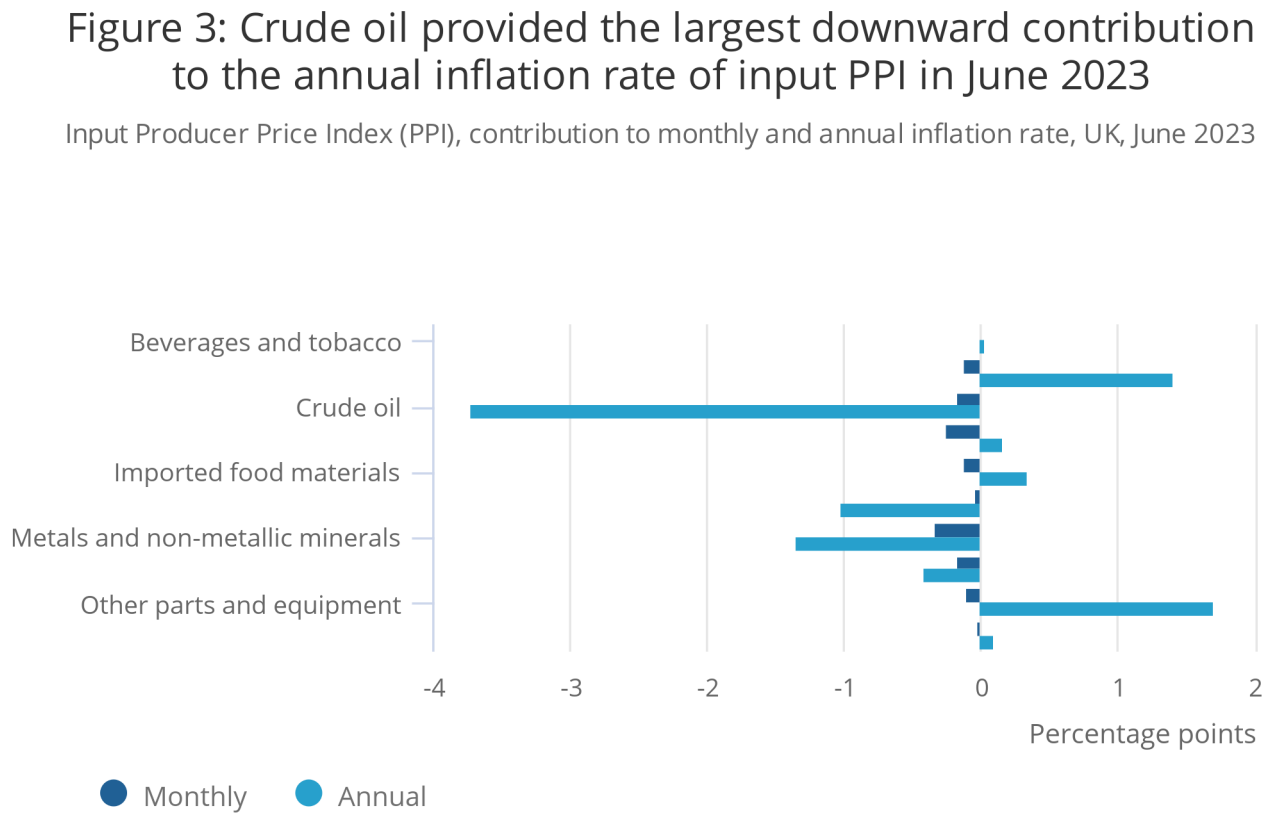
Inputs of metals and non-metallic minerals, and inputs of other produced materials, provided the second and third largest downward contributions, at 1.34 and 1.02 percentage points respectively.

The downward contributions are being offset by upward contributions from inputs of other parts and equipment, as well as inputs of fuel, which contributed 1.71 and 1.41 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 June 2023

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

	Percentage change May 2023		Percentage change June 2023	
Product group	**Monthly rate**	**Annual rate**	**Monthly rate**	**Annual rate**
Beverages and tobacco	0.2	14.6	-0.9	13.3
Fuel excluding Climate Change Levy	-2.2	43.2	-2.1	39.6
Crude oil	-6.0	-33.2	-3.0	-41.1
Home-produced food materials	0.2	5.6	-1.8	1.6
Imported food materials	2.1	23.6	-4.0	17.5
Other produced materials	-1.1	-5.0	-0.3	-8.2
Metals and non-metallic minerals	-1.4	-1.2	-1.5	-3.1
Chemicals	-2.6	-0.7	-0.9	-3.5
Other parts and equipment	-0.1	5.0	-0.5	4.7
Other inputs	0.4	5.6	-0.2	5.0
All manufacturing	-1.2	0.4	-1.3	-2.7

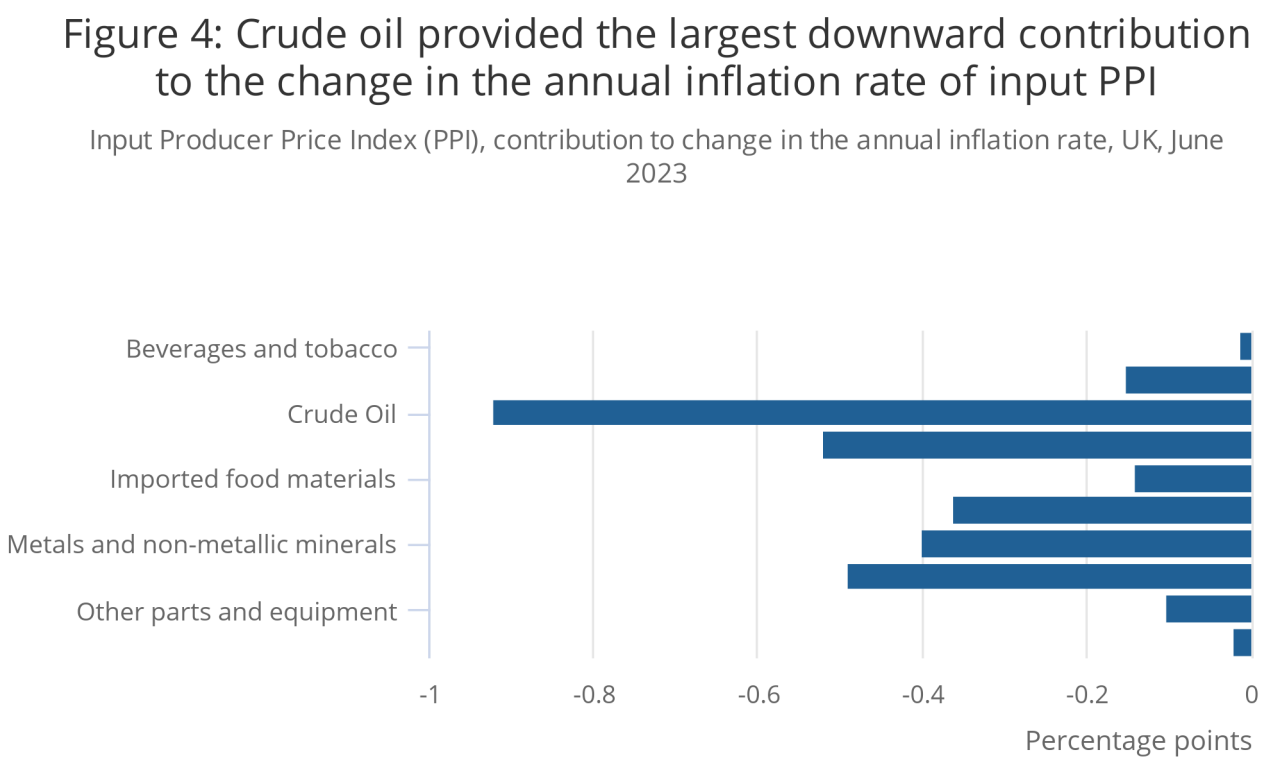
Source: Producer Price Index (PPI) from the Office for National Statistics

All 10 product groups for input Producer Price Index (PPI) showed downward contributions to the change in the annual inflation rate, with crude oil providing the largest at 0.92 percentage points (Figure 4).

In the year to June 2023, crude oil prices fell by 41.1%, down from a fall of 33.2% in May 2023. This is the lowest the annual rate has been since May 2020. Crude oil prices fell 3.0% between May and June 2023, compared with a monthly increase of 10.1% from May to June 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, June 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 monthly inflation rate of materials and fuels imported by UK manufacturing decreased by 1.2% in June 2023, down from a decrease of 1.0% in May 2023. The annual inflation rate was negative 1.9% in the year to June 2023, down from an increase of 1.6% in the year to May 2023 (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, June 2022 to June 2023

	Imported materials and fuels purchased (GD74)				Sterling effective exchange rate - month average (BK67)		
	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 June	143.5	2.3	21.1	2.4	79.3	-0.8	-3.3
July	143.0	-0.3	19.6	-1.5	78.9	-0.5	-3.5
Aug	143.8	0.5	20.8	1.2	79.1	0.3	-3.4
Sept	149.8	4.2	24.4	3.6	76.3	-3.5	-6.4
Oct	150.7	0.6	24.4	0.0	77.0	0.9	-6.1
Nov	147.1	-2.4	19.8	-4.6	78.1	1.4	-4.2
Dec	144.1	-2.1	16.7	-3.1	79.0	1.2	-2.9
2023 Jan	145.5	1.0	17.3	0.6	78.3	-0.9	-5.3
Feb	146.1	0.4	14.8	-2.5	77.8	-0.6	-5.8
Mar	145.3	-0.5	8.6	-6.2	78.3	0.6	-4.3
Apr	143.9	-1.0	5.4	-3.2	79.3	1.3	-2.3
May	142.4	-1.0	1.6	-3.8	80.1	1.0	0.3
June	140.7	-1.2	-1.9	-3.5	81.7	2.0	3.0

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 decreased by 2.6 percentage points from 2.7% in May 2023 to 0.1% in June 2023, the lowest annual rate since December 2020.

The monthly producer output inflation decreased by 0.3% in June 2023, up from a fall of 0.6% in May 2023 (Table 4).

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

All manufactured products (GB7S)

		PPI Index (2015=100)	Monthly rate	Annual rate	Change in the annual rate (percentage points)
2022	**June**	134.5	2.2	19.4	1.7
	July	136.2	1.3	19.6	0.2
	Aug	136.3	0.0	18.9	-0.7
	Sept	136.3	0.0	18.1	-0.8
	Oct	137.5	0.9	17.3	-0.8
	Nov	137.2	-0.2	15.9	-1.4
	Dec	136.2	-0.8	14.5	-1.4
2023	**Jan**	136.8	0.5	13.3	-1.2
	Feb	136.2	-0.4	11.7	-1.6
	Mar	136.3	0.0	8.4	-3.3
	Apr	136.0	-0.2	5.1	-3.3
	May	135.2	-0.6	2.7	-2.4
	June	134.7	-0.3	0.1	-2.6

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

Notes

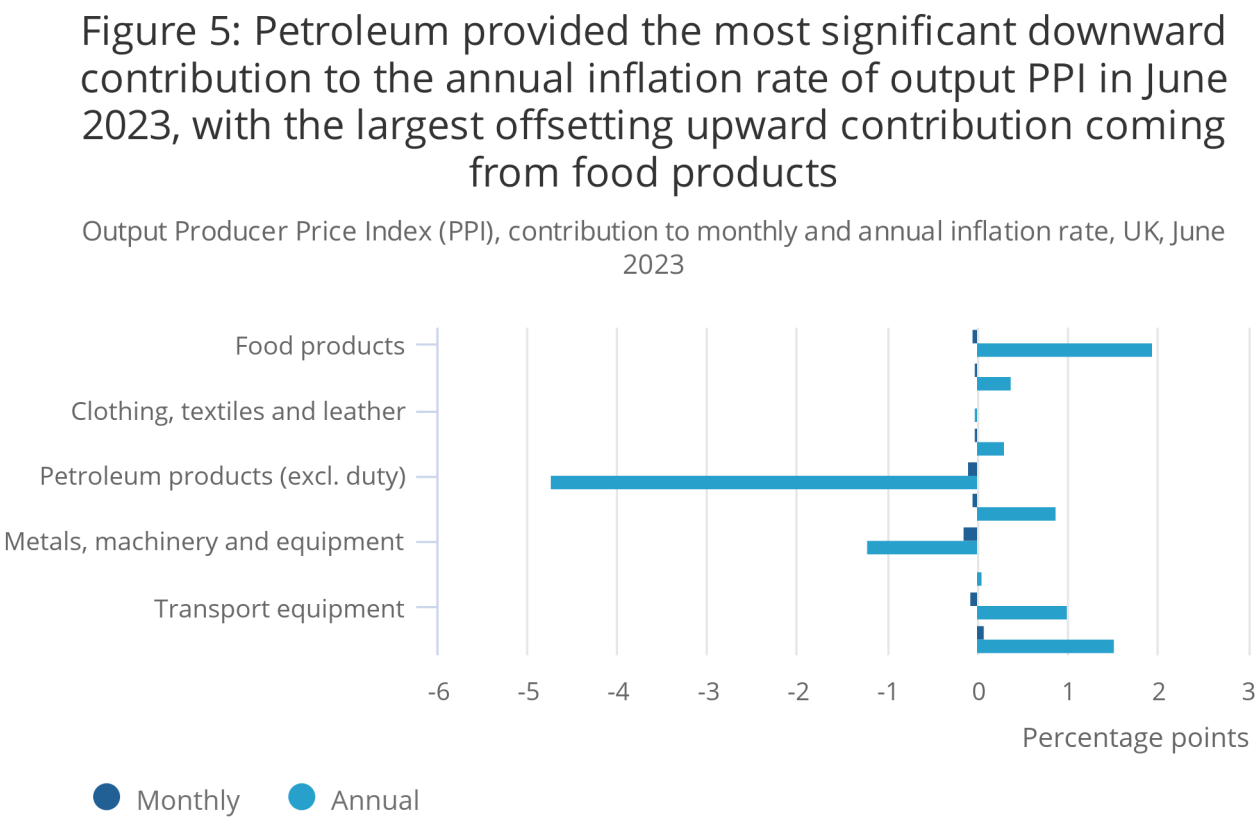
1. Rates may not correspond to index value changes because of rounding.

The most significant contribution to the annual input inflation rate in June 2023 came from refined petroleum products, which had a negative contribution of 4.72 percentage points (Figure 5). Refined petroleum products saw a price fall in the year to June 2023 of 40.3% (Table 5).

This was more than offset by upward contributions from 7 of the 10 output product groups. The largest upward contributions came from food products as well as other outputs from manufacturing, which contributed 1.95 and 1.53 percentage points respectively. Food product inflation was driven by condiments and seasonings, as well as bakery goods, preserved meat and meat products, and processed and preserved fish, crustaceans and molluscs. Other outputs of manufacturing continue 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 June 2023, with the largest offsetting upward contribution coming from food products

Output Producer Price Index (PPI), contribution to monthly and annual inflation rate, UK, June 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 5: Output prices, inflation rates
UK, May and June 2023

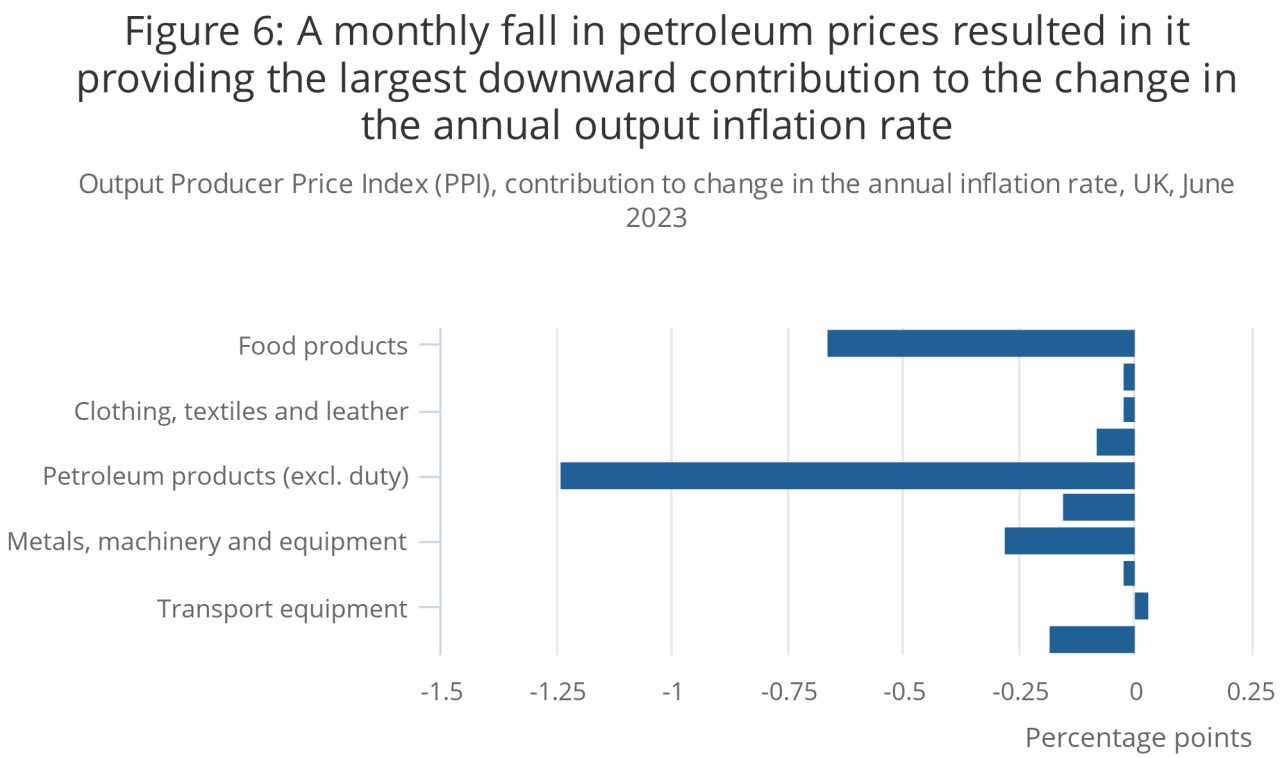
	Percentage change May 2023		Percentage change June 2023	
Product group	**Monthly rate**	**Annual rate**	**Monthly rate**	**Annual rate**
Food products	0.1	11.5	-0.1	8.7
Tobacco and alcohol (excl. duty)	1.2	17.4	-0.4	16.9
Clothing, textiles and leather	0.6	8.5	-0.1	6.8
Paper and printing	-0.3	5.2	-0.3	3.9
Petroleum products (excl. duty)	-5.9	-31.5	-1.7	-40.3
Chemicals and pharmaceuticals	-4.8	-2.6	-0.7	-4.6
Metals, machinery and equipment	-0.3	4.0	-1.1	1.9
Computers, electrical and optical	0.1	5.5	0.1	4.9
Transport equipment	0.1	1.5	-0.4	2.0
Other manufactured products	0.2	7.2	0.3	6.5
All manufacturing	-0.6	2.7	-0.3	0.1

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 1.24 percentage points (Figure 6). Petroleum products saw a monthly decrease in price of 1.7% in June 2023, compared with an increase of 12.7% in June 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, June 2023



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

Notes:

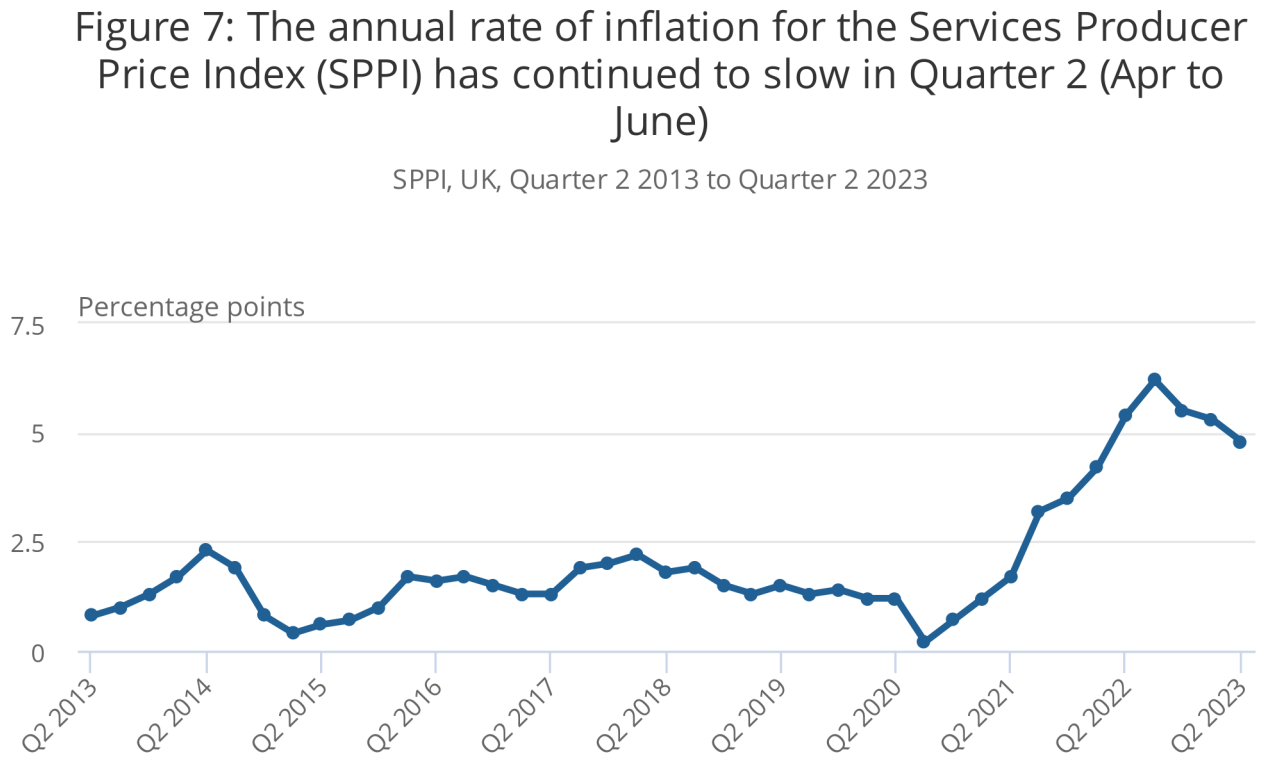
1. Contributions to the rate may not add up to the rate exactly because of rounding.

5 . Services producer price inflation

The annual rate of inflation for services sold by UK companies, the Services Producer Price Index (SPPI), was 4.8% in Quarter 2 (Apr to June) 2023. The annual rate has slowed for the third consecutive quarter following the record high of 6.2% in Quarter 3 (July to Sept) 2022 (Figure 7).

Figure 7: The annual rate of inflation for the Services Producer Price Index (SPPI) has continued to slow in Quarter 2 (Apr to June)

SPPI, UK, Quarter 2 2013 to Quarter 2 2023



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

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

2. SPPI currently provides a limited coverage of the services sector because of data collection challenges.

The quarter-on-quarter growth of services producer prices was 1.4% in Quarter 2 2023, up from 1.2% in Quarter 1 (Jan to Mar) 2023 (Table 6).

Table 6: Services Producer Prices
UK, Quarter 2 (Apr to June) 2022 to Quarter 2 2023

Percentage change

		SPPI Index (2015=100)	Quarterly	Annual	Change in the annual rate (percentage points)
2022	**Q2**	115.4	1.9	5.4	1.2
	Q3	117.4	1.8	6.2	0.8
	Q4	117.8	0.4	5.5	-0.7
2023	**Q1**	119.3	1.2	5.3	-0.2
	Q2	120.9	1.4	4.8	-0.5

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

Notes

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

2. SPPI currently provides a limited coverage of the services sector because of data collection challenges.

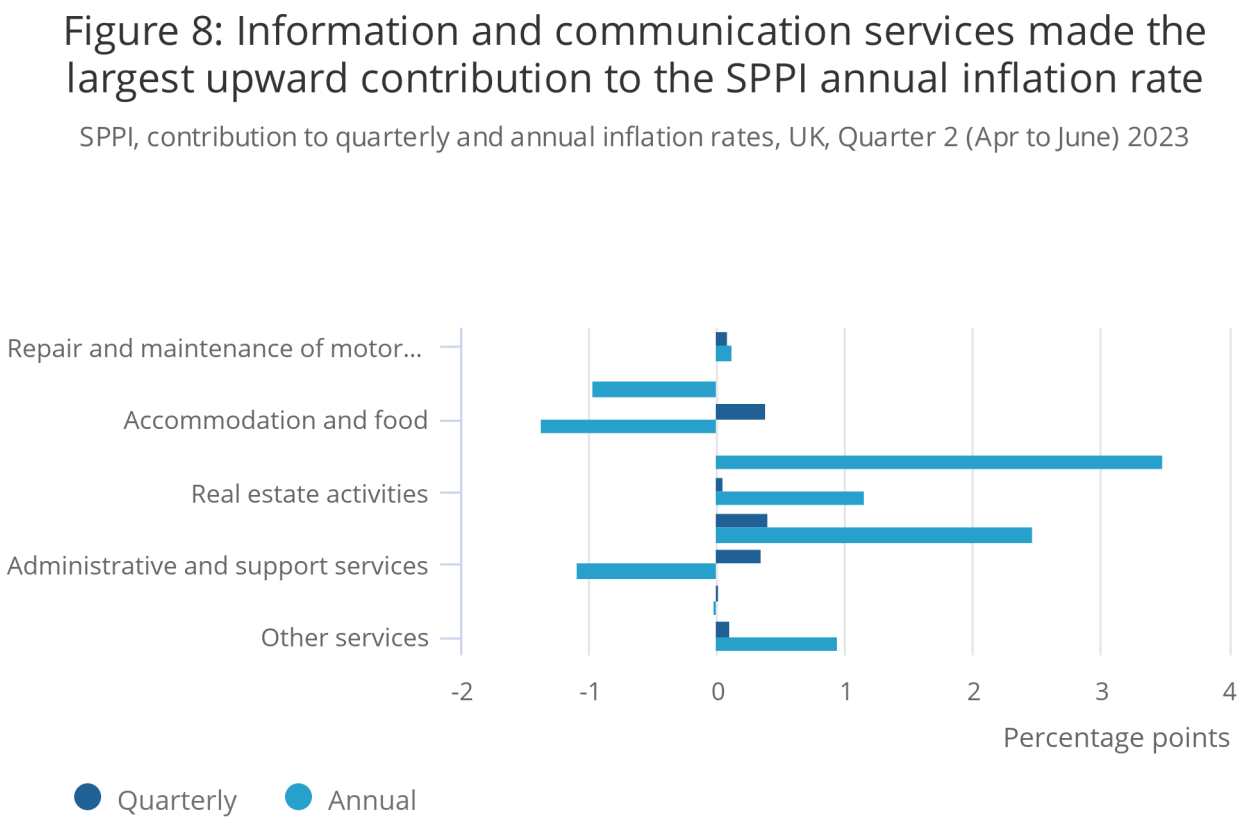
The largest contribution to annual services producer prices in Quarter 2 2023 came from information and communication services at 3.50 percentage points (Figure 8). The annual rate in Quarter 2 2023 was 4.0%, which is down from 4.7% in Quarter 1 2023 (Table 7). This was mainly driven by computer programming services.

The second largest annual contribution came from professional, scientific and technical services, at 2.48 percentage points, with an annual inflation rate of 5.2%. The annual inflation rate for this product group has picked up for the first time since Quarter 1 2022.

Professional, scientific and technical services also provided the largest upward contribution to the quarterly rate, at 0.41 percentage points, with a quarterly price increase of 1.5%.

Figure 8: Information and communication services made the largest upward contribution to the SPPI annual inflation rate

SPPI, contribution to quarterly and annual inflation rates, UK, Quarter 2 (Apr to June) 2023



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

Notes:

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

2. SPPI currently provides a limited coverage of the services sector because of data collection challenges.

Table 7: SPPI, quarterly and annual inflation rates
UK, Quarter 1 (Jan to Mar) 2023 and Quarter 2 (Apr to June) 2023

UK

	Percentage change Quarter 1 2023		Percentage change Quarter 2 2023	
Service group	**Quarterly**	**Annual**	**Quarterly**	**Annual**
Repair and maintenance of motor vehicles	1.4	7.1	3.3	9.6
Transportation and storage	-1.1	5.9	0.0	1.9
Accommodation and food	2.3	9.3	4.1	9.5
Information and communication	1.4	4.7	0.0	4.0
Real estate activities	-0.2	-0.1	0.9	-0.4
Professional, scientific and technical activities	2.4	3.8	1.5	5.2
Administrative and support services	0.5	4.5	2.5	4.4
Education	2.2	5.6	0.9	6.2
Other services	4.8	14.8	4.0	16.0
SPPI	1.2	5.3	1.4	4.8

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

Notes

1. The section level SPPIs are an aggregate of individual industry level SPPIs (excluding industries in sewerage and waste management) published in the SPPI Statistical Bulletin. They do not provide full coverage of the service sector.

2. SPPI currently provides a limited coverage of the services sector because of data collection challenges.

6 . Producer price inflation data

Producer price inflation time series
Dataset | Released 19 July 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 19 July 2023
Contributions to the annual inflation rates of input and output producer price inflation by component and overall inflation rates.

Producer price inflation (MM22)
Dataset | Released 19 July 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.

7 . 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.

8 . 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.

9 . 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:

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

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.

10 . 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 June 2023

The response rate for the domestic PPI and Import Price Index (IPI) show a slight decrease between May and June 2023, whereas the response rate for the Export Price Index (EPI) shows an increase for the same period (Table 8).

The response rate for the SPPI shows an increase between Quarter 1 (Jan to Mar) 2023 and Quarter 2 (Apr to June) 2023 (Table 9).

Table 8: Producer Price Index (PPI), Import Price Index (IPI) and Export Price Index (EPI) overall effective response rates at time of first publishing
Percentage, UK, June 2022 to June 2023

Weighted response

	PPI (domestic)	IPI	EPI
June 2022	74.0	78.0	69.5
July 2022	67.7	73.0	73.3
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

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

Notes

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

Table 9: Services Producer Price Index (SPPI) overall effective response rates at time of first publishing
Percentage, Quarter 2 (Apr to June) 2022 to Quarter 2 2023

		Weighted Response SPPI
2022	**Q2**	78.0
	Q3	78.6
	Q4	80.0
2023	**Q1**	79.0
	Q2	81.3

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

Notes

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

11 . 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.

12 . Cite this statistical bulletin

Office for National Statistics (ONS), released 19 July 2023, ONS website, statistical bulletin, Producer price inflation, UK: June 2023 including services, April to June 2023

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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		
2022 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	136.8	0.5	13.3	135.1	0.6	11.0	222.0	-2.5	25.0	131.5r	1.0	15.8
Feb	136.2r	-0.4	11.7	134.7	-0.3	9.9	209.4	-5.7	12.6	132.6	0.8	15.6
Mar	136.3	-	8.4	135.1	0.3	8.2	200.6	-4.2	-11.6	133.2	0.5	15.1
Apr	136.0	-0.2	5.1	135.1	-	5.9	190.5	-5.0	-25.0	133.9	0.5	13.6
May	135.2p	-0.6	2.7	134.5p	-0.5	3.9	179.2p	-5.9	-31.5	134.0p	0.1	11.7
Jun	134.7p	-0.3	0.1	134.1p	-0.2	3.0	176.1p	-1.7	-40.3	133.7p	-0.2	9.0

Source: Office for National Statistics

p = provisional
r = revised

	Manufactured Products for Domestic Market, including duty			Food products, beverages and tobacco, including duty			Coke and refined petroleum products, including duty		
		percentage change over			percentage change over			percentage change over	
	Index (2015=100)	1 mth	12 mths	Index (2015=100)	1 mth	12 mths	Index (2015=100)	1 mth	12 mths
	6158333333			6158888897			6148190000		
	GD73			GBA7			G6SU		
2022 Dec	133.9	-1.6	13.0	129.8	0.7	15.6	146.9	-7.0	13.0
2023 Jan	134.1	0.1	11.7	131.0	0.9	15.3	144.1	-1.9	9.5
Feb	133.1	-0.8	9.6	131.7r	0.5	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	132.4	-0.3	2.1	133.7	1.2	13.6	132.3	-2.8	-15.6
May	131.2p	-0.9	-0.4	133.8p	0.1	11.7	128.1p	-3.1	-19.6
Jun	130.7p	-0.4	-3.7	133.6p	-0.2	9.2	126.8p	-1.1	-26.4

Source: Office for National Statistics

p = provisional
r = revised

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Table 2: Gross sector input prices, including Climate Change Levy[1]: summary (not seasonally adjusted) - CPA 2.1

2015=100, CPA 2.1

	All manufacturing (materials and fuel purchased)			All Manufacturing (materials and fuel purchased) excluding food, beverages, tobacco & petroleum			Materials purchased by manufacturing industry			Fuels purchased by manufacturing industry		
		percentage change over			percentage change over			percentage change over			percentage change over	
	Index (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
	7390333333			7390333392			7390333397			7390333394		
	GHIP			GHIO			GHIK			GHIM		
2022 Dec	152.1	-1.1	16.2	148.6	-0.3	14.2	148.8r	-1.5	14.1	260.6	6.1	74.4
2023 Jan	152.7	0.4	14.7	149.2	0.4	13.3	149.7r	0.6	13.1	250.6	-3.9	56.7
Feb	152.0r	-0.5	12.3	148.8r	-0.2	12.1	149.1r	-0.4	10.8	246.4	-1.7	54.8
Mar	152.3r	0.2	7.1	149.1	0.2	8.7	149.4r	0.2	5.7	246.2	-0.1	44.3
Apr	151.8	-0.3	3.8	149.1	-	5.0	148.1	-0.8	2.4	271.8	10.4	36.0
May	149.9p	-1.2	0.4	147.3p	-1.2	2.5	146.4p	-1.2	-1.2	265.6p	-2.3	42.3
Jun	148.0p	-1.3	-2.7	145.7p	-1.0	0.7	144.6p	-1.2	-4.3	259.9p	-2.2	38.9

Source: Office for National Statistics

1 The Climate Change Levy was introduced in April 2001.

p = provisional
r = revised

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

2015=100, CPA 2.1

								Percentage change 1 month		Percentage change 12 months	
			2023 Feb	2023 Mar	2023 Apr	2023 May	2023 Jun	2023 May	2023 Jun	2023 May	2023 Jun
Gross Sector											
Output of manufactured products	GB7S	6158333333	136.2r	136.3	136.0	135.2p	134.7p	-0.6	-0.3	2.7	0.1
All manufacturing, excluding food, beverages, tobacco and petroleum	GBBV	6150333390	134.7	135.1	135.1	134.5p	134.1p	-0.5	-0.2	3.9	3.0
Food products, beverages and tobacco, excluding duty	GBA6	6150888897	132.6	133.2	133.9	134.0p	133.7p	0.1	-0.2	11.7	9.0
Food products	G6SI	6140100000	133.0	133.5	134.3	134.4p	134.3p	0.1	-0.1	11.5	8.7
Alcoholic beverages,excluding duty	G6SJ	6140110000	126.9	128.0	128.3	128.3p	127.0p	0.1	-1.0	12.9	11.5
Soft drinks, mineral waters and other bottled waters	EVPU	6120110700	121.4	120.3	122.3	120.2p	117.8p	-1.7	-2.0	6.6	4.2
Textiles	G6SN	6140130000	120.8	122.7	123.5	124.3p	124.1p	0.6	-0.1	8.5	7.3
Wearing apparel	G6SO	6140140000	112.4	112.6	113.8	114.2p	114.5p	0.3	0.3	4.5	4.8
Leather and related products	G6SP	6140150000	123.3	125.7	125.8	126.7p	126.1p	0.8	-0.5	15.4	5.3
Wood and products of wood and cork, except furniture	G6SQ	6140160000	154.2	154.7r	153.9	154.9p	154.6p	0.7	-0.2	-0.6	-2.2
Paper and paper products	G6SR	6140170000	139.8	139.0	137.0	135.9p	134.8p	-0.8	-0.9	1.3	-0.6
Printing and recording services	G6SS	6140180000	129.7	130.4	130.5	131.0p	131.8p	0.4	0.6	10.5	10.1
Coke and refined petroleum products, excluding duty	G6ST	6140190000	209.4	200.6	190.5	179.2p	176.1p	-5.9	-1.7	-31.5	-40.3
Chemicals and chemical products	G6SV	6140200000	154.5	155.2	152.5	143.8p	142.5p	-5.8	-0.9	-4.5	-6.7
Basic pharmaceutical products and pharmaceutical preparations	G6SW	6140210000	109.0	109.4	109.9	109.2p	109.2p	-0.6	-	4.4	3.7
Rubber and plastic products	G6SX	6140220000	137.9r	138.8r	138.4	138.1p	139.3p	-0.2	0.8	5.0	4.2
Other non-metallic mineral products	G6SY	6140230000	153.6	154.8r	157.3	157.7p	159.9p	0.2	1.4	16.3	16.5
Basic metals	G6SZ	6140240000	192.6	193.6	195.2	189.6p	186.9p	-2.9	-1.4	-14.5	-16.1
Fabricated metal products, except machinery and equipment	G6T3	6140250000	145.3r	145.9r	146.4	146.5p	144.4p	0.1	-1.4	10.1	7.1
Computer, electronic and optical products	G6T5	6140260000	115.5	116.0r	116.0	116.2p	116.2p	0.2	-	4.4	4.4
Electrical equipment	G6VF	6140270000	129.2	129.8r	130.9	131.1p	131.3p	0.1	0.2	6.9	5.6
Machinery and equipment n.e.c.	G6VG	6140280000	130.2	130.0	130.9	131.1p	131.0p	0.1	-	7.3	6.8
Motor vehicles, trailers and semi-trailers	G6WH	6140290000	120.3	120.3	120.3	120.3p	120.4p	-	-	4.7	4.4
Other transport equipment	G72N	6140300000	118.6	118.3	118.2	118.3p	117.3p	0.1	-0.8	-0.9	0.1
Furniture	G75I	6140310000	129.6	130.4	130.2	132.2p	132.9p	1.6	0.5	10.4	10.4
Other manufactured goods	G776	6140320000	111.2	111.3	111.6	111.6p	111.9p	-	0.3	3.9	3.8
Repair and installation services of machinery and equipment	G777	6140330000	119.8	120.3r	120.6	121.1p	120.6p	0.4	-0.4	4.9	4.2

Source: Office for National Statistics

p = provisional
r = revised

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Table 4: Input prices, excl Climate Change Levy[1]: materials and fuels purchased by selected industries (not seasonally adjusted) - CPA 2.1

2015=100, CPA 2.1

								Percentage change 1 month		Percentage change 12 months	
			2023 Feb	2023 Mar	2023 Apr	2023 May	2023 Jun	2023 May	2023 Jun	2023 May	2023 Jun
Gross sector											
Other mining & quarrying products	GHEA	7390080000	157.3	157.5	158.6	157.0p	156.6p	-1.0	-0.2	6.1	3.7
Manufacture of food products, beverages, tobacco	GHHV	7390888897	150.0r	151.0r	150.4	150.7p	147.8p	0.2	-1.9	8.8	4.8
Preserved meat & meat products	GHEF	7390101000	149.5r	149.6r	148.6	147.5p	144.5p	-0.7	-2.1	4.5	0.4
Fish, crustaceans, molluscs, fruit & vegetables	GHEH	7390333387	145.9r	153.9r	150.5	157.8p	147.2p	4.8	-6.7	10.4	3.7
Vegetable & animal oils & fats	GHEJ	7390104000	200.2	200.9	197.4	195.4p	195.6p	-1.0	0.1	14.9	15.6
Dairy products	GHEL	7390105000	159.1r	158.0r	154.9	152.9p	149.3p	-1.3	-2.4	2.2	-3.4
Grain mill products, starches & starch products	GHEN	7390106000	157.4r	157.5r	156.0	155.3p	153.5p	-0.5	-1.2	9.6	6.6
Bakery & farinaceous products	GHEP	7390107000	149.7	150.0r	151.3	151.1p	150.6p	-0.1	-0.3	13.6	10.7
Other food products	GHER	7390108000	142.4	143.2	145.3	146.8p	146.0p	1.0	-0.5	16.0	12.9
Animal feeds	GHET	7390109000	155.0r	154.6r	153.0	151.2p	149.0p	-1.2	-1.5	6.6	2.2
Alcoholic Beverages	GHEV	7390333384	147.8	148.9	151.2	150.4p	149.8p	-0.5	-0.4	13.2	11.0
Soft drinks; mineral waters & other bottled waters	GHEX	7390110700	134.6r	135.0	136.1	136.0p	135.5p	-0.1	-0.4	9.8	8.1
Tobacco products	GHEZ	7390120000	158.3r	156.8r	153.7	151.4p	148.4p	-1.5	-2.0	0.8	-3.5
Manufacture of textiles & textile products; clothing	GHHW	7390888895	132.0	132.9	133.6	133.5p	132.7p	-	-0.6	7.8	5.7
Textiles	GHFB	7390130000	134.6r	135.5	136.2	135.8p	134.8p	-0.3	-0.7	7.6	5.4
Wearing apparel	GHFD	7390140000	127.2	128.2	128.6	129.3p	128.8p	0.5	-0.4	8.0	6.5
Manufacture of leather & related products	GHFF	7390150000	134.5r	136.5	137.1	137.0p	135.8p	-0.1	-0.8	10.4	5.8
Manufacture of wood & wood products	GHFH	7390160000	158.7	159.3r	155.8	155.5p	154.8p	-0.2	-0.5	-3.5	-5.1
Manufacture of pulp, paper & paper products, recording media & printing services	GHHZ	7390888892	146.8	146.9r	146.7	145.7p	144.6p	-0.7	-0.8	6.2	4.4
Pulp, paper & paper products	GHFJ	7390170000	151.7r	151.7r	151.7	150.4p	149.0p	-0.9	-0.9	6.2	4.0
Printing & recording services	GHFL	7390180000	140.3	140.4r	140.2	139.5p	138.7p	-0.5	-0.5	6.3	4.8
Manufacture of coke & refined petroleum products	GHFN	7390190000	197.2r	195.8r	191.1	180.3p	175.9p	-5.7	-2.4	-30.9	-38.6
Manufacture of chemicals, chemical products & man-made fibres	GHIB	7390888890	164.2r	163.8	163.2	156.1p	154.0p	-4.3	-1.3	-2.7	-6.5
Paints, varnishes & similar coatings, printing ink & mastics	GHFP	7390203000	155.2	155.7r	154.2	150.0p	148.1p	-2.7	-1.3	1.4	-2.1
Soaps, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR	7390204000	141.1r	142.4r	142.3	141.1p	140.5p	-0.9	-0.4	6.9	5.3
Other chemical products	GHFT	7390205000	142.2	144.9	144.6	142.7p	141.4p	-1.3	-1.0	5.2	2.8
Industrial gases; other basic inorganic chemicals; fertilisers & nitrogen compounds	GHFV	7390333378	187.7	184.5	185.8	170.5p	167.7p	-8.2	-1.7	-5.6	-8.1
Petrochemicals & man made fibres	GHFX	7390333377	170.5	169.5	167.8	160.0p	157.5p	-4.6	-1.6	-6.6	-11.7
Dyes & pigments: pesticides & other agrochemical products	GHFZ	7390333376	163.3r	162.5	164.1	158.8p	156.7p	-3.2	-1.3	2.9	-0.7
Manufacture of basic pharmaceutical products & pharmaceutical preparations	GHGB	7390210000	129.4r	129.7r	129.6	128.6p	127.7p	-0.8	-0.7	6.1	4.2
Manufacture of rubber & plastic products	GHGD	7390220000	151.9r	152.5r	152.3	150.1p	148.5p	-1.4	-1.0	4.6	1.2
Manufacture of cement, lime & plaster	GHGF	7390333375	158.9	159.2r	161.2	159.6p	159.2p	-1.0	-0.3	6.8	4.8
Manufacture of glass, refractory, clay, other porcelain, ceramic stone products	GHGH	7390333374	156.4r	156.4	158.3	155.9p	155.3p	-1.5	-0.4	6.2	3.8
Manufacture of basic metals & fabricated products	GHIF	7390888884	176.4	176.8	177.8	175.0p	172.3p	-1.6	-1.6	-1.0	-3.3
Basic iron, steel & alloys: tubes, pipes, hollow profiles	GHGJ	7390333369	196.1r	197.3r	196.9	192.0p	188.9p	-2.5	-1.6	-5.6	-7.5
Other basic metals & casting	GHGL	7390333368	187.6r	186.5	189.1	187.1p	183.3p	-1.0	-2.1	0.3	-2.8
Weapons & ammunition	GHGN	7390254000	142.3r	144.1	146.3	146.0p	144.9p	-0.2	-0.8	7.6	6.1
Fabricated metal products, excluding machinery & equipment & weapons & ammunition	GHGP	7390333365	168.5	169.0	169.7	167.0p	164.7p	-1.6	-1.4	-0.4	-2.5
Manufacture of computer, electronic & optical products, electrical equipment	GHIG	7390888883	139.6r	140.0	140.2	139.4p	138.4p	-0.6	-0.7	5.2	3.5
Computer, electronic & optical products	GHGR	7390260000	136.6	136.9	137.0	136.3p	135.3p	-0.5	-0.7	6.5	4.9
Electrical equipment	GHGT	7390270000	143.1	143.5	143.9	143.0p	141.9p	-0.7	-0.7	3.8	2.1
Manufacture of machinery & equipment n.e.c	GHGV	7390280000	149.2	149.4r	149.6	148.4p	146.7p	-0.8	-1.1	3.7	1.7
Manufacturing of motor vehicles & other transport equipment	GHII	7390888881	140.7	140.9	140.4	139.4p	138.1p	-0.7	-0.9	2.7	1.6
Motor vehicles, trailers & semi trailers	GHGX	7390290000	135.9	136.0r	136.1	135.2p	134.1p	-0.7	-0.8	3.0	1.5
Ships & boats	GHGZ	7390301000	144.0	144.3	144.3	143.2p	141.8p	-0.8	-1.0	0.5	-1.3
Aircraft & spacecraft & related machinery	GHHB	7390303000	151.9	152.0r	150.3	149.2p	147.5p	-0.7	-1.1	2.4	2.5
Other transport equipment	GHHD	7390333358	125.8	127.8r	127.7	127.0p	126.3p	-0.6	-0.5	3.0	2.1
Manufacture of other manufactured goods n.e.c	GHIJ	7390888880	151.9	152.1	152.4	151.6p	150.2p	-0.5	-0.9	2.4	0.3
Furniture	GHHF	7390310000	152.1	152.6r	152.6	152.1p	151.2p	-0.3	-0.6	0.3	-1.6
Other manufacturing	GHHH	7390320000	151.6r	151.6	152.2	151.1p	149.4p	-0.7	-1.1	4.2	2.0
Repair & maintenance of ships & boats	GHHJ	7390331500	146.5	146.7	146.9	145.0p	143.8p	-1.3	-0.8	-4.7	-6.3
Repair & maintenance services of aircraft & spacecraft	GHHL	7390331600	119.3	119.4r	116.6	116.4p	115.5p	-0.2	-0.8	-5.8	-1.2
Other repair; installation	GHHN	7390333355	137.1	137.3	137.9	136.6p	135.8p	-0.9	-0.6	-0.2	-2.6

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

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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 Feb	2023 Mar	2023 Apr	2023 May	2023 Jun	2023 May	2023 Jun	2023 May	2023 Jun
Fuel excl. CCL	FSQ3	7490222295	258.7	258.8r	283.5	277.2p	271.3p	-2.2	-2.1	43.2	39.6
Mining of coal & lignite exc CCL	GHDW	7390050000	193.3	195.5r	187.4	184.4p	186.2p	-1.6	1.0	-1.4	-4.7
Electricity excl. CCL	GHHP	7390351000	248.2r	247.8r	267.5	261.7p	256.1p	-2.2	-2.1	36.2	32.8
Gas excl. CCL	GHHR	7390444499	226.8r	227.0	264.5	253.3p	247.3p	-4.2	-2.4	27.7	17.8
Crude Oil	FSQ4	7490444498	197.0r	196.2r	191.4	180.0p	174.5p	-6.0	-3.0	-33.2	-41.1
Domestic crude oil & metal ores	GGT3	7190222295	196.7r	197.9	190.5	181.1p	177.5p	-4.9	-2.0	-34.1	-41.9
Imported crude oil & metal ores	GHBV	7290222295	197.8r	193.3r	193.2	178.0p	169.4p	-7.9	-4.8	-31.5	-39.6
Home produced food:	FSP7	7190351000	145.5r	146.5r	144.5	144.7p	142.1p	0.2	-1.8	5.6	1.6
Products of agriculture, hunting and related services	GGO7	7190010000	164.0r	162.1r	156.2	153.0p	149.0p	-2.1	-2.6	-5.5	-10.7
Fish & other fish products	GGS8	7190030000	130.6r	165.6r	151.0	182.6p	146.0p	20.9	-20.1	13.4	-3.5
Preserved meat and meat products	GH2M	7190101000	122.8r	124.1r	127.1	127.6p	127.6p	0.4	-	10.2	8.1
Processed fish & fish products; fruit & vegetables	GH7R	7190333387	125.3	125.9	126.5	129.3p	128.3p	2.2	-0.8	12.2	12.6
Vegetable & animal oils and fats	GH7S	7190104000	201.8	203.2	195.9	195.3p	194.7p	-0.3	-0.3	20.7	20.3
Dairy products	GH8A	7190105000	157.9	156.7r	154.1	152.5p	152.1p	-1.0	-0.3	12.1	2.6
Grain mill products, starches and starch products	GH8B	7190106000	145.6	145.5	146.2	145.6p	145.6p	-0.4	-	10.7	8.6
Bakery and Farinaceous products	GH8C	7190107000	129.8r	131.0r	131.8	132.4p	132.9p	0.5	0.4	13.5	12.8
Other Food products	GH8L	7190108000	119.6	120.2	121.9	122.7p	123.5p	0.7	0.7	13.6	12.3
Prepared animal feeds	GH98	7190109000	161.3	160.4	158.5	155.2p	152.8p	-2.1	-1.5	8.3	2.1
Imported food materials	FSP9	7490333354	170.2	172.6	173.3	177.0p	169.9p	2.1	-4.0	23.6	17.5
Agricultural crop products	GHBQ	7290010000	151.4r	151.0	149.9	149.1p	132.6p	-0.6	-11.0	15.8	5.4
Fish & fish products	GHBS	7290030000	162.8	162.5	158.4	158.1p	156.5p	-0.2	-1.0	1.5	-
Meat & meat products	GHBX	7290101000	177.5	185.9	190.3	195.3p	193.4p	2.6	-1.0	25.8	26.9
Processed fish & fish products, fruit & vegetables	GHBY	7290333387	137.7	140.9	142.8	143.6p	138.4p	0.5	-3.6	19.6	11.6
Vegetable & animal oils & fats	GHBZ	7290104000	219.3	217.4	210.4	205.8p	210.7p	-2.2	2.4	-0.6	6.7
Dairy products	GHCA	7290105000	170.4	173.8	173.0	174.0p	173.1p	0.6	-0.5	21.3	10.2
Grain mill products & starches	GHCB	7290106000	183.9	195.0	195.6	193.8p	192.6p	-0.9	-0.6	26.0	23.5
Bakery & farinaceous products	GHCC	7290107000	190.8	189.8	189.9	187.4p	184.7p	-1.3	-1.4	41.1	34.1
Other food products	GHCD	7290108000	210.8	210.0	215.8	242.6p	237.5p	12.4	-2.1	58.5	41.8
Prepared animal feeds	GHCE	7290109000	179.6	178.7	178.7	179.5p	172.9p	0.4	-3.7	24.1	10.7
Other home produced materials	FSQ2	7490333353	150.9	150.1r	147.6	146.0p	145.6p	-1.1	-0.3	-5.0	-8.2
Forestry products	GGP2	7190020000	216.4	216.4	173.5	173.5p	173.5p	-	-	-26.8	-26.8
Other mining & quarrying products exc agg	GH2L	7190080000	142.5	143.4	142.9	142.6p	143.4p	-0.2	0.5	3.0	3.4
Textiles	GHAE	7190130000	120.8	122.7	123.5	124.3p	124.1p	0.6	-0.1	8.5	7.3
Wearing Apparel	GHAF	7190140000	112.4	112.6	113.8	114.2p	114.5p	0.3	0.3	4.5	4.8
Leather and related products	GHAG	7190150000	123.3	125.7	125.8	126.7p	126.1p	0.8	-0.5	15.4	5.3
Wood and products of wood and cork, exc furniture	GHAH	7190160000	154.2	154.7r	153.9	154.9p	154.6p	0.7	-0.2	-0.6	-2.2
Paper and paper products	GHAI	7190170000	139.8	139.0	137.0	135.9p	134.8p	-0.8	-0.9	1.3	-0.6
Coke & refined petroleum products	GHAK	7190190000	209.4	200.6	190.5	179.2p	176.1p	-5.9	-1.7	-31.5	-40.3
Water collection, treatment & supply	GHBP	7190360000	110.9	110.9	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

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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 Feb	2023 Mar	2023 Apr	2023 May	2023 Jun	2023 May	2023 Jun	2023 May	2023 Jun
Inputs of Metals and Non-Metallic Mineral products	FSQ8	7390333351	175.7	176.1	176.0	173.5p	170.9p	-1.4	-1.5	-1.2	-3.1
Cement, lime, plaster and articles of concrete, cement & plaster	GHGF	7390333375	158.9	159.2r	161.2	159.6p	159.2p	-1.0	-0.3	6.8	4.8
Glass, refractory clay, porcelain, ceramic and stone products	GHGH	7390333374	156.4r	156.4	158.3	155.9p	155.3p	-1.5	-0.4	6.2	3.8
Basic iron, steel & alloys, tubes, pipes, hollow profiles and fittings	GHGJ	7390333369	196.1r	197.3r	196.9	192.0p	188.9p	-2.5	-1.6	-5.6	-7.5
Other basic metals & casting	GHGL	7390333368	187.6r	186.5	189.1	187.1p	183.3p	-1.0	-2.1	0.3	-2.8
Weapons & ammunition	GHGN	7390254000	142.3r	144.1	146.3	146.0p	144.9p	-0.2	-0.8	7.6	6.1
Fabricated metal products excluding weapons & ammunition	GHGP	7390333365	168.5	169.0	169.7	167.0p	164.7p	-1.6	-1.4	-0.4	-2.5
Inputs of Chemicals	FSQ7	7490333352	145.7r	146.4r	144.6	140.9p	139.5p	-2.6	-0.9	-0.7	-3.5
Paints, varnishes & coatings, printing inks & other mastics	GHFP	7390203000	155.2	155.7r	154.2	150.0p	148.1p	-2.7	-1.3	1.4	-2.1
Soap, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR	7390204000	141.1r	142.4r	142.3	141.1p	140.5p	-0.9	-0.4	6.9	5.3
Other chemical products	GHFT	7390205000	142.2	144.9	144.6	142.7p	141.4p	-1.3	-1.0	5.2	2.8
Industrial gases, inorganic chemicals, fertilisers & nitrogen compounds	GHFV	7390333378	187.7	184.5	185.8	170.5p	167.7p	-8.2	-1.7	-5.6	-8.1
Petrochemicals	GHFX	7390333377	170.5	169.5	167.8	160.0p	157.5p	-4.6	-1.6	-6.6	-11.7
Dyes & pigments; pesticides & other agro-chemical products	GHFZ	7390333376	163.3r	162.5	164.1	158.8p	156.7p	-3.2	-1.3	2.9	-0.7
Basic pharmaceutical products & pharmaceutical preparations	GHGB	7390210000	129.4r	129.7r	129.6	128.6p	127.7p	-0.8	-0.7	6.1	4.2
Rubber & plastic products	GHGD	7390220000	151.9r	152.5r	152.3	150.1p	148.5p	-1.4	-1.0	4.6	1.2
Other parts & equipment	FSQ9	7490333349	123.3	123.3r	123.0	122.9p	122.3p	-0.1	-0.5	5.0	4.7
Computer, electronic & optical products	GHGR	7390260000	136.6	136.9	137.0	136.3p	135.3p	-0.5	-0.7	6.5	4.9
Electrical equipment	GHGT	7390270000	143.1	143.5	143.9	143.0p	141.9p	-0.7	-0.7	3.8	2.1
Machinery & equipment n.e.c	GHGV	7390280000	149.2	149.4r	149.6	148.4p	146.7p	-0.8	-1.1	3.7	1.7
Motor vehicles, trailers & semi-trailers	GHGX	7390290000	135.9	136.0r	136.1	135.2p	134.1p	-0.7	-0.8	3.0	1.5
Ships & boats	GHGZ	7390301000	144.0	144.3	144.3	143.2p	141.8p	-0.8	-1.0	0.5	-1.3
Aircraft, spacecraft & related machinery	GHHB	7390303000	151.9	152.0r	150.3	149.2p	147.5p	-0.7	-1.1	2.4	2.5
Other transport equipment	GHHD	7390333358	125.8	127.8r	127.7	127.0p	126.3p	-0.6	-0.5	3.0	2.1
Other Inputs	FSQ6	7490111196	119.8	120.1r	120.4	120.9p	120.6p	0.4	-0.2	5.6	5.0
Printing & recording services	GHFL	7390180000	140.3	140.4r	140.2	139.5p	138.7p	-0.5	-0.5	6.3	4.8
Furniture	GHHF	7390310000	152.1	152.6r	152.6	152.1p	151.2p	-0.3	-0.6	0.3	-1.6
Other manufactured goods n.e.c	GHHH	7390320000	151.6r	151.6	152.2	151.1p	149.4p	-0.7	-1.1	4.2	2.0
Repair & maintenance of ships and boats	GHHJ	7390331500	146.5	146.7	146.9	145.0p	143.8p	-1.3	-0.8	-4.7	-6.3
Repair & maintenance of aircraft and spaceships	GHHL	7390331600	119.3	119.4r	116.6	116.4p	115.5p	-0.2	-0.8	-5.8	-1.2
Rest of repair and installation	GHHN	7390333355	137.1	137.3	137.9	136.6p	135.8p	-0.9	-0.6	-0.2	-2.6
Imported materials:											
Total Imports	GD74	8170111199	146.1r	145.3	143.9	142.4p	140.7p	-1.0	-1.2	1.6	-1.9

Source: Office for National Statistics

1 The Climate Change Levy was introduced in April 2001.

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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		
		percentage change over			percentage change over	
	Index (2015=100)	1 mth	12 mths	Index (2015=100)	1 mth	12 mths
	6150333333			6150333390		
	GB7S			GBBV		
2022 Jun	-	-	0.1	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2023 Jan	-	-	-	-	-	-
Feb	-0.1	-	-0.1	-	-	-
Mar	-	-	-	-	-	-
Apr	-0.1	-	-0.1	-	-	-0.1
May	-0.3	-0.1	-0.2	-0.2	-0.2	-0.2

Source: Office for National Statistics

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