

Statistical bulletin

# Producer price inflation, UK: July 2022

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).



Contact:  
Brogan Taylor  
business.prices@ons.gov.uk  
+44 1633 456907

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## Correction

### 25 November 2022 07:00

We have identified and corrected an error in the Office for National Statistics (ONS) Producer Price Indices (PPI) affecting data from January to October 2022.

The error was because of diesel fuel not being allocated a correct weight within the output price index, which resulted in Petroleum Products being around half the correct weight of 6.5% since the start of the year.

This error does not affect the overall trend, but it has led to the headline 12-month output price rate being revised up by an average of 1.8 percentage points between January and October 2022.

The 12-month output price rate now stands at 17.2% in October 2022. The peak was revised up to 19.7% in July 2022.

The correction in Output PPI weights, and the inclusion of diesel prices within the data, now mean that from January to October 2022 Petroleum Products has the largest positive contribution to the 12-month rate of output inflation. For October 2022, Petroleum Products contributed 6.1 percentage points to the 12-month rate (revised from 0.0). This is notably higher than the second main contributor, Food Products, which has a revised contribution of 3.5 percentage points in October.

The Input PPI weights were less affected. Although the upwardly revised Output PPI indices are used to estimate domestic inputs, the effect of the higher price was offset by a lower contribution from imported fuels, which was already reflected in diesel prices. The average impact on the input 12-month rate was 0.1 percentage points. In October 2022, the 12-month input price rate stood at 19.5%, with the peak in June 2022 now standing at 24.5%.

This issue occurred because of a processing error. All the affected datasets from January to October 2022 have been corrected. However, the commentary within the statistical bulletins has not been amended. Users should therefore refer to the datasets for the corrected figures. We are adopting additional system checks to ensure that this does not happen in the future. We apologise for any inconvenience this may have caused.

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# 1 . Main points

- Producer input prices rose by 22.6% in the year to July 2022, down from a record high of 24.1% in the year to June 2022.
- Producer output (factory gate) prices rose by 17.1% in the year to July 2022, up from 16.4% in the year to June 2022; this is the highest the rate has been since August 1977.
- Metals and non-metallic minerals, and food products provided the largest upward contributions to the annual rates of input and output inflation, respectively.

## 2 . Producer price inflation (PPI) annual growth rates

The headline input index goes back to January 1984 (Figure 1), while the headline output index has been extended back to January 1958 (Figure 1) using previously published data; more information can be found in [Section 7: Measuring the data](#).

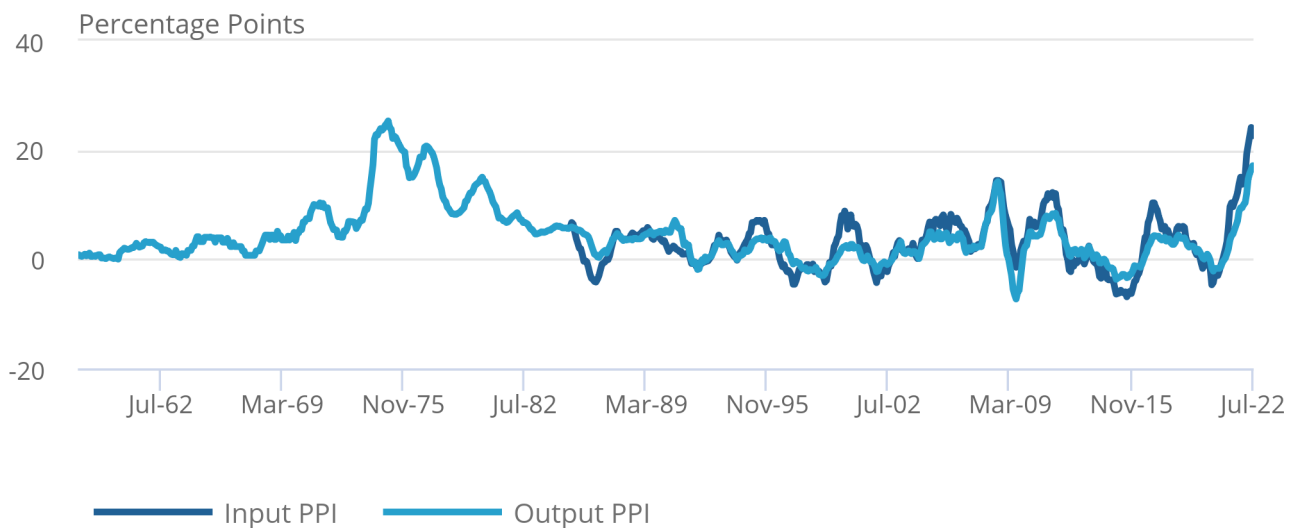
The annual rate of input PPI has now been positive for 20 consecutive months. Its growth rate of 22.6% in the year to July 2022 is a decrease of 1.5 percentage points from the record high in June 2022. The annual rate of output PPI increased to 17.1% in the year to July 2022, with the rate now being positive for 19 consecutive months.

**Figure 1: Annual growth rates of producer price inflation continue to rise sharply, although input prices have fallen back slightly from a record high in June 2022**

Input and Output PPI annual growth rates, UK, January 1958 to July 2022

Figure 1: Annual growth rates of producer price inflation continue to rise sharply, although input prices have fallen back slightly from a record high in June 2022

Input and Output PPI annual growth rates, UK, January 1958 to July 2022



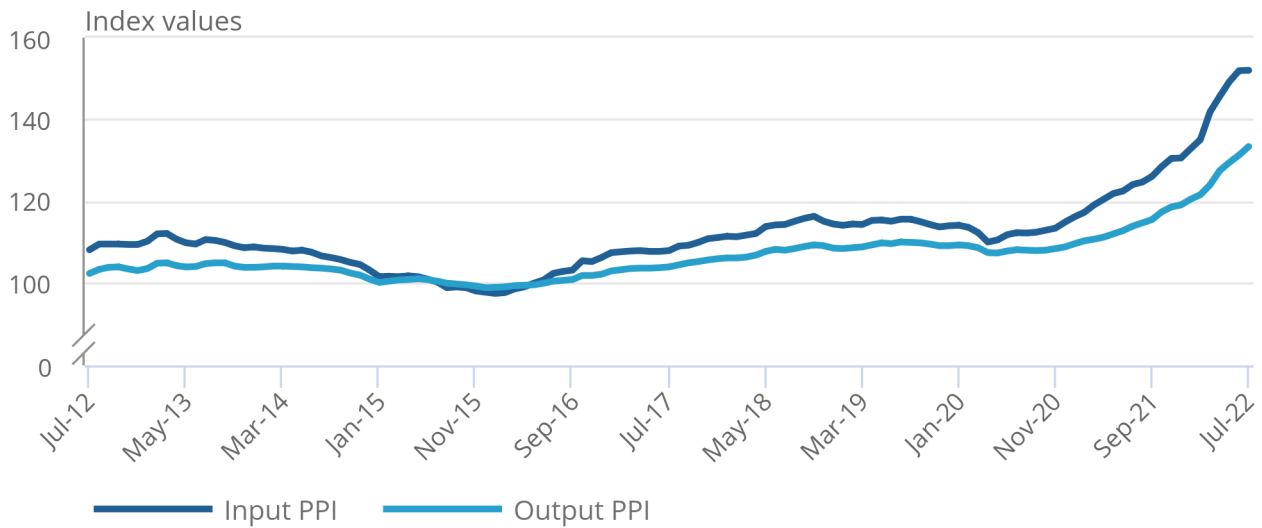
Source: Office for National Statistics – Producer Price Index

## Figure 2: Input and output PPI have seen a sharp and sustained rise since May 2020

Input and Output producer price inflation index values, UK, July 2012 to July 2022

### Figure 2: Input and output PPI have seen a sharp and sustained rise since May 2020

Input and Output producer price inflation index values, UK, July 2012 to July 2022



Source: Office for National Statistics – Producer Price Index

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- Explore the latest trends in employment, prices and trade in our [economic dashboard](#).
- View [all economic data](#).

### 3 . Producer price inflation (PPI) input prices

On the month, the rate of input inflation was 0.1% in July 2022, down from 1.8% in June 2022 (Table 1). The monthly rate has slowed for the fourth consecutive month following a record high of 5.0% in March 2022. The last time the rate slowed for four consecutive months was from January 2020 to April 2020, falling from 0.1% to negative 2.0% (Figure 3).

Table 1: Input prices, index values, growth rates and percentage point change to the 12-month rate UK, July 2021 to July 2022

<b>All materials and fuels purchased (GHIP)</b>				
	<b>PPI Index (2015=100)</b>	<b>1-month rate</b>	<b>12-month rate</b>	<b>Change in the 12-month rate (percentage points)</b>
<b>2021 July</b>	124.0	1.3	10.5	0.9
<b>Aug</b>	124.6	0.5	11.2	0.7
<b>Sept</b>	126.0	1.1	12.2	1.0
<b>Oct</b>	128.4	1.9	13.8	1.6
<b>Nov</b>	130.4	1.5	15.0	1.2
<b>Dec</b>	130.5	0.1	13.7	-1.3
<b>2022 Jan</b>	132.8	1.8	14.4	0.7
<b>Feb</b>	135.0	1.7	15.3	0.9
<b>Mar</b>	141.8	5.0	19.2	3.9
<b>Apr</b>	145.6	2.7	20.9	1.7
<b>May</b>	149.2	2.4	22.5	1.6
<b>June</b>	151.9	1.8	24.1	1.6
<b>July</b>	152.0	0.1	22.6	-1.5

Source: Office for National Statistics – Producer Price Index

#### Notes

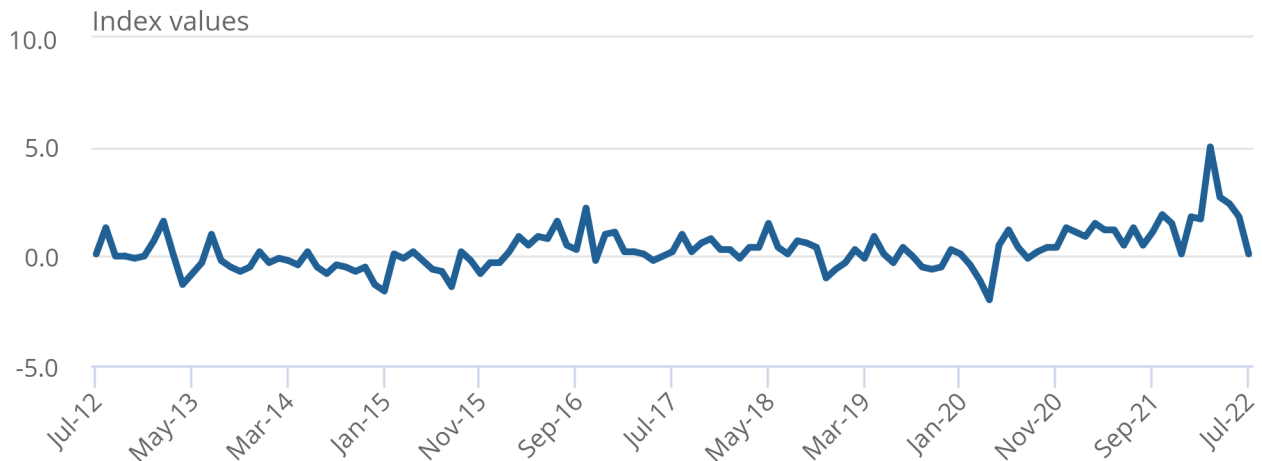
1. Rates may not correspond to index value changes because of rounding.

### Figure 3: Input PPI monthly growth rates have slowed for four consecutive months

Input producer price inflation monthly growth rates, UK, July 2012 to July 2022

### Figure 3: Input PPI monthly growth rates have slowed for four consecutive months

Input producer price inflation monthly growth rates, UK, July 2012 to July 2022



Source: Office for National Statistics – Producer Price Index

The largest upward contribution to the annual input inflation rate came from metals and non-metallic minerals, which contributed 4.73 percentage points (Figure 4). This product group had an annual price increase of 21.9% in July 2022 (Table 2), which is down from 23.8% in June 2022. This fall in the annual rate for this product group is the result of a fall in the price of domestic steel in primary forms.

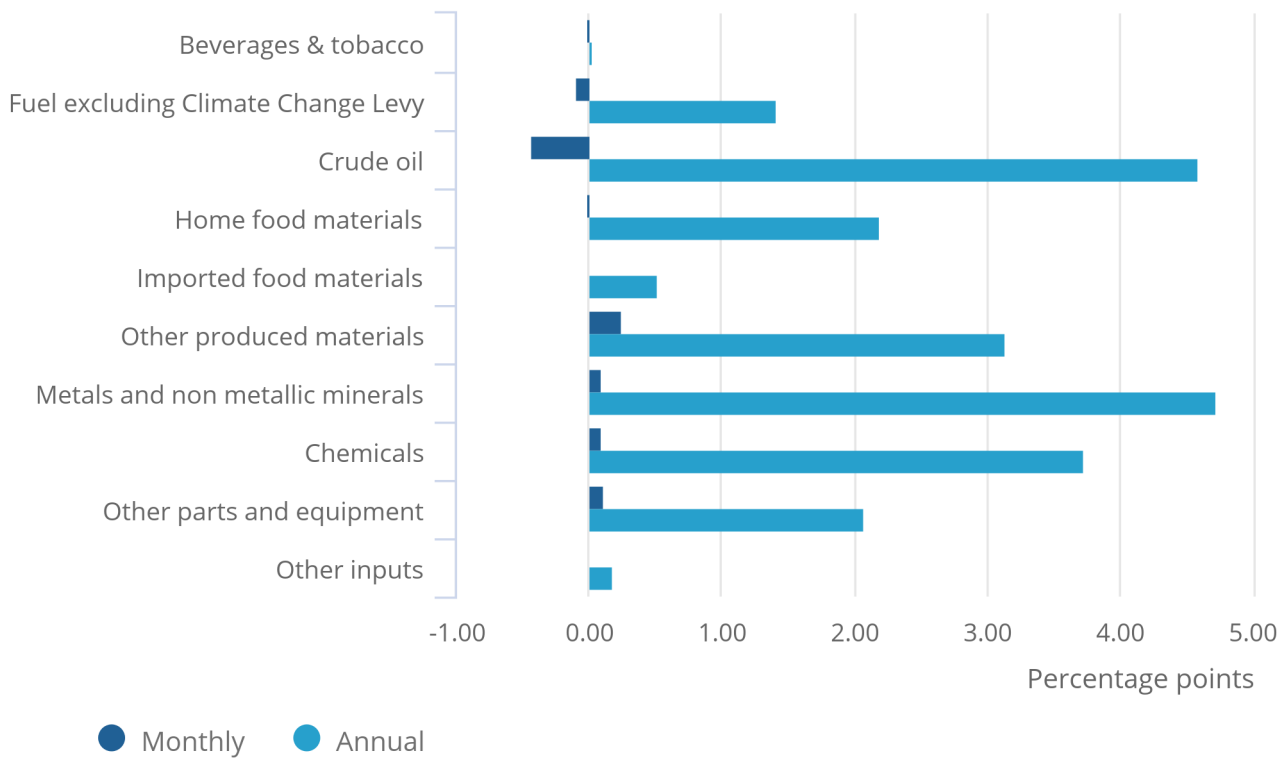
The second largest contributor to the annual rate came from crude oil, which contributed 4.59 percentage points (Figure 4) and had an annual price increase of 79.6% in July 2022, down from 96.9% in June 2022. On the month, crude oil is providing a negative contribution owing to a monthly price decrease of 4.8% (Table 2), with both rates being driven by crude petroleum.

**Figure 4: Steel and Crude oil prices provided the largest upward contribution to the annual rate for materials used in manufacturing**

Input producer price inflation (PPI), contribution to monthly and annual growth rate, UK, July 2022

**Figure 4: Steel and Crude oil prices provided the largest upward contribution to the annual rate for materials used in manufacturing**

Input producer price inflation (PPI), contribution to monthly and annual growth rate, UK, July 2022



Source: Office for National Statistics – Producer Price Index

Notes:

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



Table 2: Input prices, growth rates  
UK, July 2022

Product group	Percentage change	
	Monthly rate	Annual rate
Beverages & tobacco	0.5	5.1
Fuel excluding Climate Change Levy	-2.5	46.8
Crude oil	-4.8	79.6
Home food materials	-0.1	17.4
Imported food materials	0.9	22.5
Other produced materials	2.3	29.2
Metals & non-metallic minerals	0.4	21.9
Chemicals	0.6	21.3
Other parts and equipment	0.6	8.2
Other inputs	0.4	6.7
All manufacturing	0.1	22.6

Source: Office for National Statistics – Producer Price Index

The monthly rate of imported inputs inflation fell by 1.9 percentage points, from 2.4% in June 2022 to 0.5% in July 2022. The annual rate also fell, from 21.2% in June 2022 to 20.6% in July 2022 (Table 3). This is the first time the annual rate has fallen this year.

Table 3: Imported materials and fuels purchased and sterling effective exchange rate, index values, growth rates and percentage point change to the 12-month rate  
UK, July 2021 to July 2022

	<b>Imported materials and fuels purchased (GD74)</b>				<b>Sterling effective exchange rate - month average (BK67)</b>		
	<b>PPI Index (2015=100)</b>	<b>1-month rate</b>	<b>12-month rate</b>	<b>Change in the 12-month rate (percentage points)</b>	<b>Sterling Index (Jan 2005=100)</b>	<b>1-month rate</b>	<b>12-month rate</b>
<b>2021 July</b>	119.6	0.9	4.3	0.1	81.8	-0.2	6.2
<b>Aug</b>	119.0	-0.5	4.2	-0.1	82.0	0.2	4.9
<b>Sept</b>	120.4	1.2	4.6	0.4	81.5	-0.6	5.6
<b>Oct</b>	121.2	0.7	5.3	0.7	82.0	0.6	5.9
<b>Nov</b>	122.8	1.3	7.1	1.8	81.5	-0.6	4.1
<b>Dec</b>	123.5	0.6	6.7	-0.4	81.4	-0.1	4.2
<b>2022 Jan</b>	124.1	0.5	6.8	0.1	82.7	1.6	4.6
<b>Feb</b>	127.5	2.7	10.3	3.5	82.6	-0.1	2.5
<b>Mar</b>	134.1	5.2	14.8	4.5	81.8	-1.0	0.1
<b>Apr</b>	136.5	1.7	15.5	0.7	81.3	-0.6	-0.1
<b>May</b>	140.2	2.7	18.7	3.2	79.9	-1.7	-2.6
<b>June</b>	143.6	2.4	21.2	2.5	79.3	-0.8	-3.3
<b>July</b>	144.2	0.5	20.6	-0.6	79.0	-0.4	-3.4

Source: Office for National Statistics – Producer Price Index

#### Notes

1. The rates may not correspond with index value changes because of rounding.
2. Total imports (GD74) represents roughly a fifth of overall materials and fuels (input prices) in terms of index weight.

In the year to July 2022, the annual rate of input inflation was 22.6%, this is down 1.5 percentage points from 24.1% in June 2022.

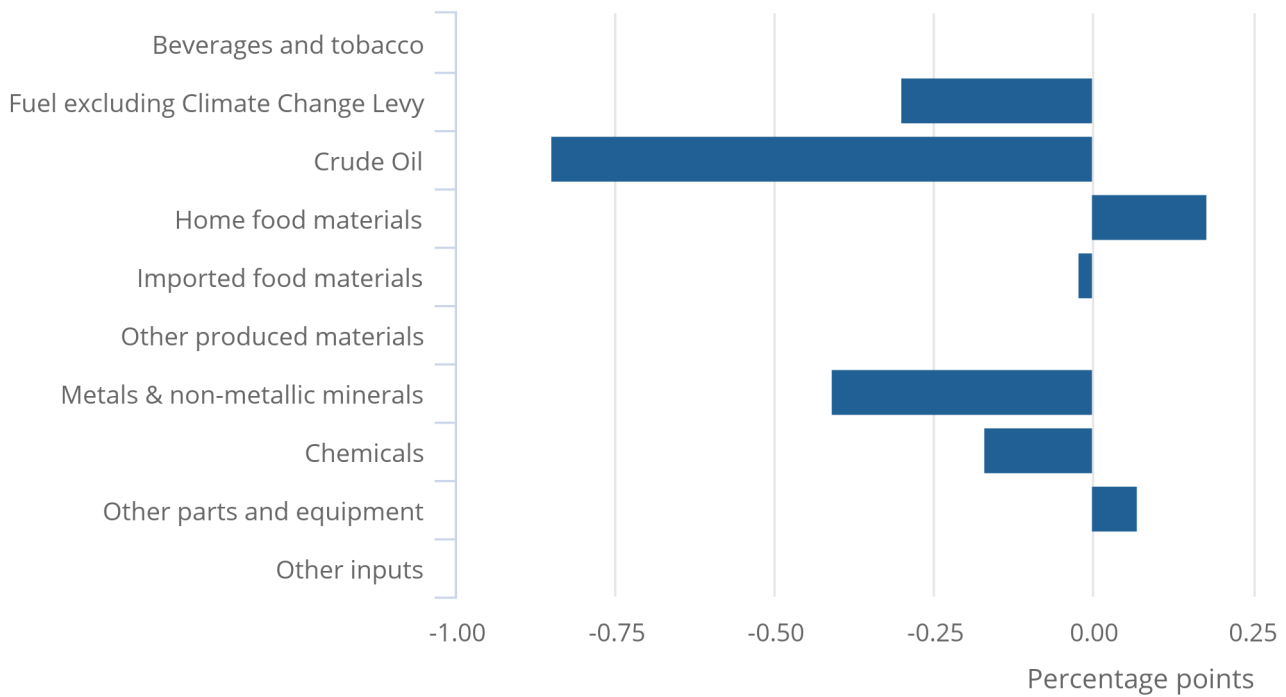
Of the 10 product groups, five showed downward contributions to the change in the annual rate, with crude oil providing the largest, at 0.85 percentage points (Figure 5). Crude oil saw a monthly decrease of 4.8% in price between June and July 2022, compared with an increase of 4.3% in the same period last year.

**Figure 5: A monthly fall in Crude oil prices has resulted in it providing the largest downward contribution to the change in the annual rate**

Input producer price inflation (PPI), contribution to change in the annual rate, UK, July 2022

Figure 5: A monthly fall in Crude oil prices has resulted in it providing the largest downward contribution to the change in the annual rate

Input producer price inflation (PPI), contribution to change in the annual rate, UK, July 2022



Source: Office for National Statistics – Producer Price Index

Notes:

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

## 4 . Producer price inflation (PPI) output prices

On the month, the rate of output inflation was 1.6% in July 2022, up from 1.4 in June 2022 (Table 4). This is the first time the rate has picked up after slowing for the last two months.

Table 4: Output prices, index values, growth rates and percentage point change to the annual rate UK, July 2021 to July 2022

<b>All manufactured products (GB7S)</b>				
	<b>PPI Index (2015=100)</b>	<b>Monthly rate</b>	<b>Annual rate</b>	<b>Change in the annual rate (percentage points)</b>
<b>2021 July</b>	113.8	1.0	5.4	0.8
<b>Aug</b>	114.6	0.7	6.2	0.8
<b>Sept</b>	115.4	0.7	7.0	0.8
<b>Oct</b>	117.3	1.7	8.8	1.8
<b>Nov</b>	118.5	1.0	9.4	0.6
<b>Dec</b>	119.0	0.4	9.4	0.0
<b>2022 Jan</b>	120.4	1.3	10.0	0.6
<b>Feb</b>	121.5	0.9	10.3	0.3
<b>Mar</b>	123.9	2.0	12.0	1.7
<b>Apr</b>	127.4	2.8	14.7	2.7
<b>May</b>	129.4	1.6	15.7	1.0
<b>June</b>	131.2	1.4	16.4	0.7
<b>July</b>	133.3	1.6	17.1	0.7

Source: Office for National Statistics – Producer Price Index

### Notes

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

Food products provided the largest upward contribution to the output annual rate, at 4.53 percentage points (Figure 6), and had an annual price increase of 14.0% in July 2022 (Table 5). This is the highest the annual rate has been for food products since records began in January 1997 and was mainly driven by preserved meat and meat products for the domestic market.

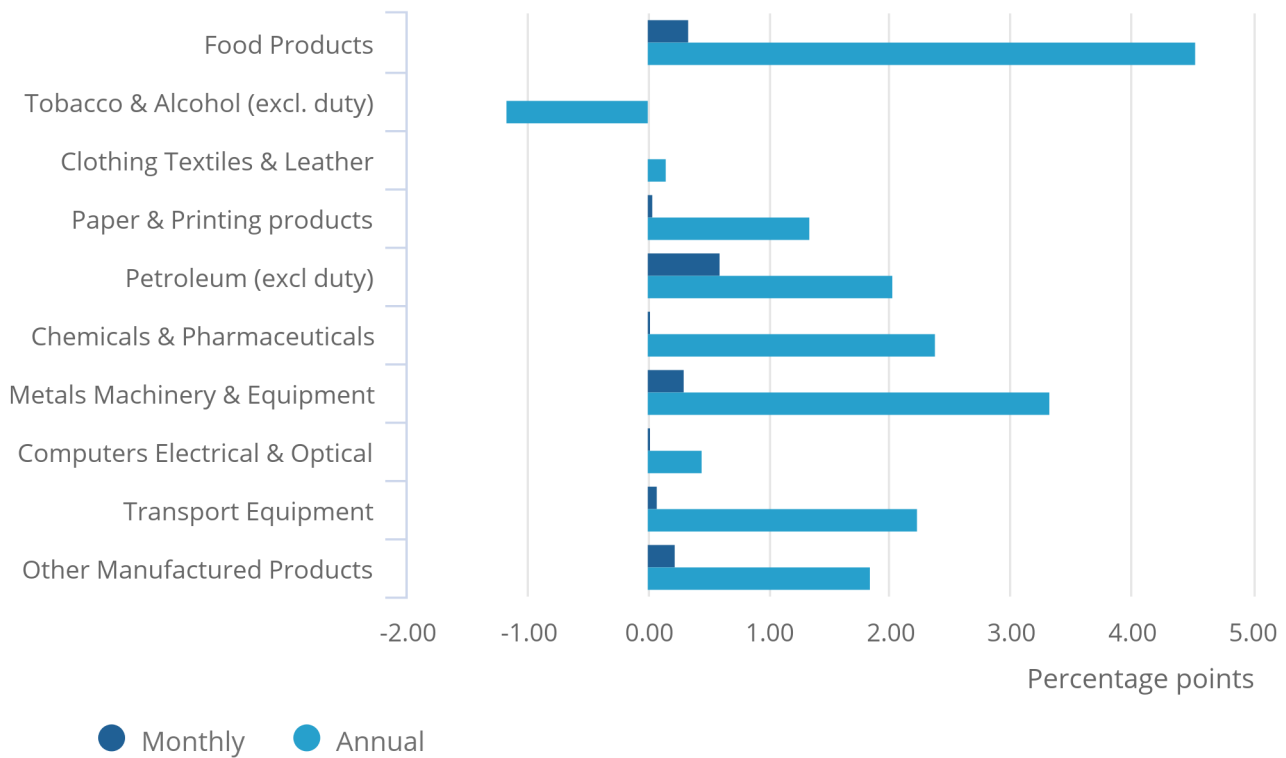
Despite providing a downward contribution to the annual rate, tobacco and alcohol products increased by 4.0% in the year to July 2022. The downward contribution is driven by the 2022 weight for this product group being lower than its weight in 2021. More information is available in [our Chain-linking in business prices article](#) and in [Section 7](#) of this release.

## Figure 6: Food products provided the largest upward contribution to the annual rate

Output producer price inflation (PPI) contribution to monthly and annual growth rate, UK, July 2022

### Figure 6: Food products provided the largest upward contribution to the annual rate

Output producer price inflation (PPI) contribution to monthly and annual growth rate, UK, July 2022



Source: Office for National Statistics – Producer Price Index

#### Notes:

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

Table 5: Output prices, growth rates  
UK, July 2022

Product group	Percentage Change	
	Monthly rate	Annual rate
Food products	1.4	14.0
Tobacco and alcohol (excl. duty)	0.8	4.0
Clothing, textile and leather	0.2	8.3
Paper and printing	0.6	18.7
Petroleum products (excl. duty)	11.9	102.8
Chemical and pharmaceutical	0.3	22.3
Metal, machinery and equipment	2.0	20.5
Computer, electrical and optical	0.6	8.2
Transport equipment	0.6	7.4
Other manufactured products	1.0	12.9
All manufacturing	1.6	17.1

Source: Office for National Statistics – Producer Price Index

The annual rate of output inflation increased by 0.7 percentage points from 16.4% in June 2022 to 17.1% in July 2022.

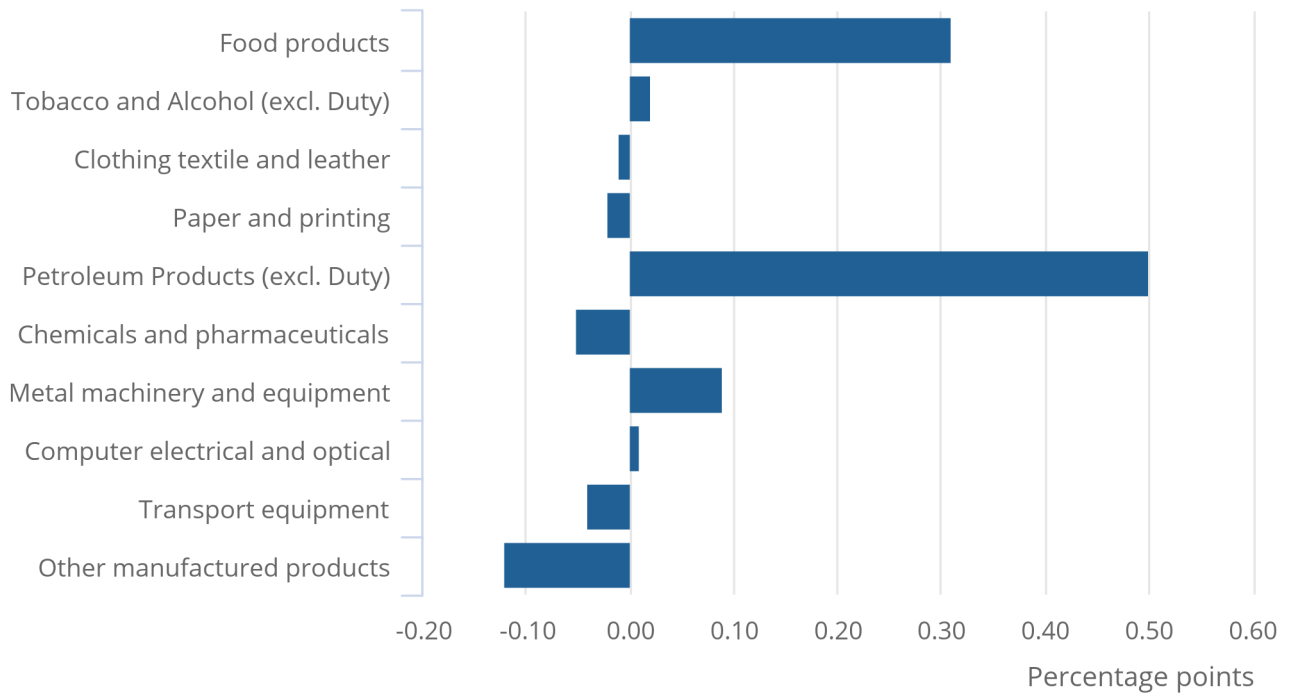
Of the 10 product groups, five showed upward contributions to the change in the annual rate, with petroleum products providing the largest, at 0.50 percentage points (Figure 7).

**Figure 7: Petrol and Food products made the largest upward contribution to the change in the annual output rate**

Output producer price inflation (PPI), contribution to change in the annual rate, UK, July 2022

**Figure 7: Petrol and Food products made the largest upward contribution to the change in the annual output rate**

Output producer price inflation (PPI), contribution to change in the annual rate, UK, July 2022



Source: Office for National Statistics – Producer Price Index

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 17 August 2022

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

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

Dataset | Released 17 August 2022

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

### [Producer price inflation](#)

Dataset MM22 | Released 17 August 2022

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

## 6 . Glossary

### Weight

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

### Index value

Price level in a specific basket of goods.

### Annual growth rate

The annual inflation rate.

### Link factor

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

### Contribution

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

### Producer price inflation

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

### Input prices

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



## Output prices

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

## Services producer price inflation

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

## 7 . Measuring the data

Producer price inflation (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

In PPI, the weights usually have greater influence on the contribution as these tend to show greater change than the annual inflation rate. Weight and inflation rate changes most commonly affect the contribution by:

- 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 - no change
- 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

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

Quality and methodology information (QMI) on strengths, limitations, appropriate uses, and how the data were created is available in our [Producer Price Index \(PPI\) QMI report](#) and our [Services Producer Price Indices \(SPPI\) QMI report](#).

Other useful documentation for the PPI and the SPPI are:

- [Producer price indices methods changes](#)
- [Chain-linking in business prices](#)
- [Producer price weight changes](#)
- [Services producer price weight changes](#)
- [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 article](#)
- [SPPI standard errors article](#)

## Extension of back series

This release now sees an extension to these back series by making historical data readily available. PPI data going back to January 1957 have been stored digitally and so this publication sees the release of these index values, linked together and re-referenced to 2015 equals 100, for the headline PPI output series (GB7S).

For headline input (GHIP), this publication includes a back series to January 1984. Unlike the headline output index, the input headline was first introduced in the early 1990s, with the index data starting from 1984, hence the difference in available back series between the two headline indices.

Annual growth rates for the output and input back series are displayed in Figure 1.

The addition of these back series does not affect the methodology used to calculate our previous data to 1973. For the periods January 1957 to December 1972, we have rescaled data from a number of historical rebased series to make these comparable with our previously published data.

## 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.

## Economic statistics governance after EU exit

Following the UK's exit from the EU, new governance arrangements are being put in place that will support the adoption and implementation of high-quality standards for UK economic statistics. These governance arrangements will promote international comparability and add to the credibility and independence of the UK's statistical system.

At the centre of this new governance framework will be the new [National Statistician's Committee for Advice on Standards for Economic Statistics](#) (NSCASE) run by the UK Statistics Authority. NSCASE will support the UK by ensuring its processes for influencing and adopting international statistical standards are world leading. The advice NSCASE provides to the National Statistician will span the full range of domains in economic statistics, including the national accounts, fiscal statistics, prices, trade and the balance of payments and labour market statistics.

## 8 . Strengths and limitations

## Strengths

These data:

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

## Limitations

- 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 July 2022

Response rates for the domestic PPI and Import Price Index (IPI) show a decrease between June and July 2022, whereas the response rate for the Export Price Index (EPI) shows an increase between June and July 2022 (Table 6).

Table 6: Producer price inflation (PPI), Import Price Index (IPI) and Export Price Index (EPI) overall effective response rates at time of first publishing  
Percentage, July 2021 to July 2022

	Weighted response		
	PPI (domestic)	IPI	EPI
<b>July 2021</b>	71.1	68.2	70.7
<b>August 2021</b>	73.0	67.9	72.8
<b>September 2021</b>	73.3	67.1	73.8
<b>October 2021</b>	67.1	70.5	67.3
<b>November 2021</b>	71.1	69.0	68.8
<b>December 2021</b>	68.6	70.0	63.6
<b>January 2022</b>	65.5	64.1	64.6
<b>February 2022</b>	70.5	70.3	69.2
<b>March 2022</b>	71.3	75.4	73.8
<b>April 2022</b>	71.4	68.2	74.2
<b>May 2022</b>	71.7	76.1	74.1
<b>June 2022</b>	74.0	78.0	69.5
<b>July 2022</b>	67.7	73.0	73.3

Source: Office for National Statistics – Producer Price Index

### Notes

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

## 9 . Related links

### [Consumer prices 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 2022, new orders and Construction Output Price Indices: April to June 2022](#)

Bulletin | Released 12 August 2022

Short-term measures of output by the construction industry, 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 (Apr to June) 2022.

### [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.

### [Coronavirus and the effects on UK prices](#)

Article | Released 6 May 2020

Plans for data collection, compilation and publication of our various prices statistics following movement restrictions as a result of the coronavirus (COVID-19) pandemic.

### [Coronavirus and the impact on output in the UK economy: August 2021](#)

Article | Released 13 October 2021

Analysis of growth for the production, services and construction industries in the UK economy between February 2020 and August 2021, highlighting the impact of the coronavirus (COVID-19) pandemic.

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

2015=100, CPA 2.1

	Manufactured Products for Domestic Market, excluding duty			Manufactured products excluding food beverages, tobacco & petroleum products for domestic market			Coke and refined petroleum products, excluding duty			Food products, beverages and tobacco, excluding duty		
	Index (2015=100)	percentage change over		Index (2015=100)	percentage change over		Index (2015=100)	percentage change over		Index (2015=100)	percentage change over	
		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths
	6150333333			6150333390			6140190000			615088897		
	GB7S			GBBV			G6ST			GBA6		
2022 Jan	120.4r	1.3	10.0	121.7r	1.3	9.6	171.3	0.1	58.2	113.5	1.2	5.3
Feb	121.5r	0.9	10.3	122.6r	0.7	10.0	177.2	3.5	51.4	114.6	1.0	5.7
Mar	123.9r	2.0	12.0	124.9r	1.9	12.0	198.5	12.0	59.4	115.6r	0.9	6.3
Apr	127.4r	2.8	14.7	127.7r	2.3	14.0	236.0	18.9	87.5	117.8	1.8	8.1
May	129.4	1.6	15.7	129.6	1.4	14.8	238.3	1.0	81.8	120.1	2.0	9.9
Jun	131.2p	1.4	16.4	130.5p	0.7	14.9	257.3p	8.0	87.0	122.4p	1.9	11.6
Jul	133.3p	1.6	17.1	131.8p	1.0	14.6	288.0p	11.9	102.8	123.9p	1.3	12.8

Source: Office for National Statistics

p = provisional  
r = revised

	Manufactured Products for Domestic Market, including duty			Food products, beverages and tobacco, including duty			Coke and refined petroleum products, including duty		
	Index (2015=100)	percentage change over		Index (2015=100)	percentage change over		Index (2015=100)	percentage change over	
		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths
	6158333333			615888897			6148190000		
	GD73			GBA7			G6SU		
2022 Jan	119.7r	1.0	9.5	113.6	1.2	5.2	129.2	-0.2	25.0
Feb	120.8r	1.0	9.8	114.7	0.9	5.6	131.5	1.7	22.9
Mar	124.0r	2.6	12.3	115.7	0.9	6.2	140.2	6.7	27.4
Apr	128.2r	3.4	15.6	117.7	1.8	7.9	151.3	7.9	36.7
May	129.9	1.3	16.3	119.9	1.9	9.5	152.0	0.4	34.7
Jun	132.4p	2.0	17.7	122.1p	1.8	11.2	159.9p	5.2	38.5
Jul	136.2p	2.8	19.9	123.5p	1.2	12.4	173.8p	8.7	48.2

Source: Office for National Statistics

p = provisional  
r = revised

**Table 2: Gross sector input prices, including Climate Change Levy<sup>1</sup>: summary (not seasonally adjusted) - CPA 2.1**

2015=100, CPA 2.1

	All manufacturing (materials and fuel purchased)			All Manufacturing (materials and fuel purchased) excluding food, beverages, tobacco & petroleum			Materials purchased by manufacturing industry			Fuels purchased by manufacturing industry		
	Index (2015=100)	percentage change over		Index (2015=100)	percentage change over		Index (2015=100)	percentage change over		Index (2015=100)	percentage change over	
		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths
	7390333333			7390333392			7390333397			7390333394		
	GHIP			GHIO			GHIK			GHIM		
2022 Jan	132.8r	1.8	14.4	131.8r	1.3	13.1	132.0r	1.6	13.9	159.9	7.0	29.7
Feb	135.0r	1.7	15.3	133.0r	0.9	13.5	134.3r	1.7	14.8	159.1	-0.5	28.1
Mar	141.8r	5.0	19.2	137.4r	3.4	15.6	140.9r	4.9	18.6	170.6	7.2	36.3
Apr	145.6	2.7	20.9	142.1r	3.4	17.9	144.2	2.3	19.8	191.4	12.2	55.5
May	149.2	2.4	22.5	144.0	1.4	18.8	148.2	2.7	21.8	181.6	-5.1	46.3
Jun	151.9p	1.8	24.1	145.3p	0.9	19.2	150.8p	1.8	23.1	187.8p	3.4	55.3
Jul	152.0p	0.1	22.6	145.7p	0.3	17.8	151.0p	0.2	21.9	183.2p	-2.5	43.7

Source: Office for National Statistics

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

p = provisional

r = revised

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

							Percentage change 1 month		Percentage change 12 months	
		2022 Mar	2022 Apr	2022 May	2022 Jun	2022 Jul	2022 Jun	2022 Jul	2022 Jun	2022 Jul
<b>Gross Sector</b>										
Output of manufactured products	GB7S 6158333333	123.9r	127.4r	129.4	131.2p	133.3p	1.4	1.6	16.4	17.1
All manufacturing, excluding food, beverages, tobacco and petroleum	GBBV 6150333390	124.9r	127.7r	129.6	130.5p	131.8p	0.7	1.0	14.9	14.6
<hr/>										
Food products, beverages and tobacco, excluding duty	GBA6 6150888897	115.6r	117.8	120.1	122.4p	123.9p	1.9	1.3	11.6	12.8
Food products	G6SI 6140100000	115.8	118.2	120.7	123.2p	124.9p	2.1	1.4	12.6	14.0
Alcoholic beverages, excluding duty	G6SJ 6140110000	112.6r	112.5	113.4	113.6p	114.1p	0.2	0.4	5.0	5.1
Soft drinks, mineral waters and other bottled waters	EVPU 6120110700	112.3	112.9	112.7	113.1p	113.1p	0.4	-	7.1	6.3
Textiles	G6SN 6140130000	114.0	114.5	115.7	118.2p	118.4p	2.1	0.2	9.9	9.4
Wearing apparel	G6SO 6140140000	109.1	109.3	109.7	109.7p	109.7p	0.1	-	2.8	2.8
Leather and related products	G6SP 6140150000	111.9	112.2	113.2	113.2p	113.8p	-	0.5	8.7	9.1
Wood and products of wood and cork, except furniture	G6SQ 6140160000	151.0	153.6r	156.1	157.6p	158.5p	1.0	0.5	21.4	16.0
Paper and paper products	G6SR 6140170000	127.3r	131.2r	134.9	136.9p	138.0p	1.5	0.8	22.6	22.1
Printing and recording services	G6SS 6140180000	115.8	117.7r	118.4	119.2p	119.5p	0.7	0.2	14.8	14.8
Coke and refined petroleum products, excluding duty	G6ST 6140190000	198.5	236.0	238.3	257.3p	288.0p	8.0	11.9	87.0	102.8
Chemicals and chemical products	G6SV 6140200000	145.3r	148.8r	151.1	153.6p	154.1p	1.7	0.3	28.1	27.0
Basic pharmaceutical products and pharmaceutical preparations	G6SW 6140210000	104.1	105.5r	104.5	105.3p	105.5p	0.7	0.2	1.1	0.9
Rubber and plastic products	G6SX 6140220000	125.8r	129.2r	132.5	134.7p	136.5p	1.6	1.3	16.6	16.3
Other non-metallic mineral products	G6SY 6140230000	129.7r	132.1r	135.7	137.3p	139.9p	1.2	1.9	20.1	20.4
Basic metals	G6SZ 6140240000	199.5r	219.6r	221.8	222.7p	222.6p	0.4	-0.1	44.1	37.8
Fabricated metal products, except machinery and equipment	G6T3 6140250000	129.0r	132.1r	133.2	135.3p	139.7p	1.6	3.2	15.1	17.4
Computer, electronic and optical products	G6T5 6140260000	108.4	110.6r	111.7	111.7p	112.7p	-	0.9	5.9	6.7
Electrical equipment	G6VF 6140270000	120.5r	121.8r	123.0	124.5p	124.9p	1.2	0.3	10.0	10.0
Machinery and equipment n.e.c.	G6VG 6140280000	116.9r	117.6	120.8	121.3p	122.2p	0.5	0.7	11.1	11.9
Motor vehicles, trailers and semi-trailers	G6WH 6140290000	113.0	114.0r	115.3	115.7p	116.2p	0.4	0.5	5.4	5.7
Other transport equipment	G72N 6140300000	116.0r	117.6r	119.2	117.1p	117.9p	-1.8	0.7	10.8	9.6
Furniture	G75I 6140310000	117.8r	118.1r	119.8	120.6p	121.8p	0.7	1.0	9.8	10.6
Other manufactured goods	G776 6140320000	106.8r	107.4r	107.5	108.0p	108.7p	0.4	0.7	5.8	5.5
Repair and installation services of machinery and equipment	G777 6140330000	112.3	115.0r	115.8	116.2p	116.6p	0.4	0.3	5.7	5.8

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 1 month		Percentage change 12 months		
		2022 Mar	2022 Apr	2022 May	2022 Jun	2022 Jul	2022 Jun	2022 Jul	2022 Jun	2022 Jul	
<b>Gross sector</b>											
Other mining & quarrying products	GHEA	7390080000	135.6r	143.6r	150.0	152.9p	154.6p	1.9	1.1	31.5	31.1
Manufacture of food products, beverages, tobacco	GHHV	7390888897	127.4r	133.2r	137.3	139.0p	139.3p	1.3	0.2	18.2	19.1
Preserved meat & meat products	GHEF	7390101000	126.5r	132.7r	139.1	140.5p	140.1p	1.0	-0.3	18.0	18.9
Fish, crustaceans, molluscs, fruit & vegetables	GHEH	7390333387	130.0r	141.5r	142.1	141.1p	140.1p	-0.6	-0.8	16.7	18.8
Vegetable & animal oils & fats	GHEJ	7390104000	160.3	167.8	170.5	170.3p	171.1p	-0.1	0.5	28.8	28.3
Dairy products	GHEL	7390105000	133.5	139.8r	146.8	148.6p	147.7p	1.2	-0.6	19.6	20.8
Grain mill products, starches & starch products	GHEN	7390106000	130.7	136.3r	140.8	142.4p	142.9p	1.2	0.3	19.3	20.4
Bakery & farinaceous products	GHEP	7390107000	126.1r	130.9r	132.8	135.5p	137.3p	2.0	1.3	19.4	20.1
Other food products	GHER	7390108000	120.4	124.0	126.3	129.1p	130.5p	2.3	1.1	16.4	16.9
Animal feeds	GHET	7390109000	130.1	135.2r	140.6	143.8p	144.8p	2.3	0.7	20.2	21.6
Alcoholic Beverages	GHEV	7390333384	125.8	129.9r	131.9	133.9p	135.2p	1.5	0.9	18.0	18.4
Soft drinks; mineral waters & other bottled waters	GHEX	7390110700	119.8	122.5	124.0	125.8p	127.1p	1.4	1.1	13.5	13.8
Tobacco products	GHEZ	7390120000	134.5	140.7r	147.4	149.4p	149.2p	1.3	-0.1	22.1	23.1
Manufacture of textiles & textile products; clothing	GHHW	7390888895	121.0	122.9	124.4	126.9p	127.4p	2.0	0.4	14.0	13.3
Textiles	GHFB	7390130000	122.8	125.1r	126.7	129.3p	129.8p	2.1	0.4	15.1	14.2
Wearing apparel	GHFD	7390140000	117.6	118.9	120.3	122.5p	123.1p	1.8	0.5	12.1	11.5
Manufacture of leather & related products	GHFF	7390150000	121.1	123.3	125.2	127.1p	127.7p	1.5	0.5	14.8	14.2
Manufacture of wood & wood products	GHFH	7390160000	153.6r	158.8r	160.8	162.5p	162.7p	1.0	0.2	18.9	14.2
Manufacture of pulp, paper & paper products, recording media & printing services	GHHZ	7390888892	130.5r	135.1r	137.3	139.3p	140.2p	1.4	0.7	21.4	20.3
Pulp, paper & paper products	GHFJ	7390170000	134.4r	139.4r	141.8	144.0p	144.9p	1.5	0.6	22.4	20.9
Printing & recording services	GHFL	7390180000	125.3r	129.4r	131.4	133.1p	134.1p	1.3	0.7	19.8	19.5
Manufacture of coke & refined petroleum products	GHFN	7390190000	252.6	234.3	258.8	283.7p	274.4p	9.6	-3.3	92.6	78.9
Manufacture of chemicals, chemical products & man-made fibres	GHIB	7390888890	152.2r	158.0r	160.1	164.6p	165.5p	2.8	0.6	34.7	32.8
Paints, varnishes & similar coatings, printing ink & mastics	GHPF	7390203000	141.7r	146.2r	148.7	152.1p	152.7p	2.3	0.4	24.0	22.8
Soaps, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR	7390204000	127.3r	130.3r	132.5	134.2p	135.3p	1.3	0.8	17.4	16.9
Other chemical products	GHFT	7390205000	131.7r	134.5r	136.2	138.4p	139.1p	1.6	0.5	20.5	19.1
Industrial gases; other basic inorganic chemicals; fertilisers & nitrogen compounds	GHPV	7390333378	170.7r	179.4r	179.1	182.4p	182.1p	1.9	-0.1	51.6	48.3
Petrochemicals & man made fibres	GHPX	7390333377	161.0r	167.7r	170.7	177.3p	179.0p	3.9	1.0	39.2	37.3
Dyes & pigments; pesticides & other agrochemical products	GHPZ	7390333376	147.2	151.7r	153.7	157.8p	157.0p	2.6	-0.5	30.1	27.7
Manufacture of basic pharmaceutical products & pharmaceutical preparations	GHGB	7390210000	117.8	120.0	121.1	122.6p	123.0p	1.2	0.4	11.5	11.1
Manufacture of rubber & plastic products	GHGD	7390220000	136.9	141.6	144.2	147.8p	148.8p	2.5	0.7	22.4	21.0
Manufacture of cement, lime & plaster	GHGF	7390333375	138.7r	145.7r	151.6	154.1p	155.1p	1.6	0.7	29.9	28.3
Manufacture of glass, refractory, clay, other porcelain, ceramic stone products	GHHG	7390333374	135.6r	142.9r	148.7	151.6p	153.2p	1.9	1.1	30.9	30.4
Manufacture of basic metals & fabricated products	GHIF	7390888884	166.7r	174.8r	176.8	178.2p	178.2p	0.8	-	26.9	24.4
Basic iron, steel & alloys: tubes, pipes, hollow profiles	GHHJ	7390333369	188.6r	201.1r	202.4	203.4p	202.1p	0.5	-0.6	36.4	31.3
Other basic metals & casting	GHHL	7390333368	180.6	182.9	186.6	188.5p	186.8p	1.0	-0.9	20.3	18.8
Weapons & ammunition	GHHN	7390254000	131.4	134.5r	135.5	136.8p	138.5p	1.0	1.2	14.7	15.1
Fabricated metal products, excluding machinery & equipment & weapons & ammunition	GHPG	7390333365	156.9r	166.3r	168.0	169.4p	170.5p	0.8	0.6	27.4	25.1
Manufacture of computer, electronic & optical products, electrical equipment	GHHI	7390888883	127.9	131.3r	132.8	134.0p	134.9p	0.9	0.7	13.7	13.5
Computer, electronic & optical products	GHPR	7390260000	123.8	126.9r	128.2	129.4p	130.6p	0.9	0.9	12.3	12.4
Electrical equipment	GHPQ	7390270000	132.5r	136.3r	138.0	139.3p	139.8p	1.0	0.4	15.3	14.7
Manufacture of machinery & equipment n.e.c	GHPV	7390280000	137.2	141.7r	143.2	144.4p	145.4p	0.9	0.7	17.1	16.3
Manufacturing of motor vehicles & other transport equipment	GHHI	7390888881	130.1r	134.3r	136.1	136.3p	136.9p	0.1	0.4	14.5	13.8
Motor vehicles, trailers & semi trailers	GHPX	7390290000	126.9r	130.0r	131.6	132.6p	132.9p	0.7	0.2	12.5	11.8
Ships & boats	GHPZ	7390301000	135.7r	141.0r	142.7	143.9p	144.8p	0.9	0.6	19.0	16.4
Aircraft & spacecraft & related machinery	GHPA	7390303000	137.2	143.8	145.9	144.2p	145.2p	-1.2	0.7	18.2	17.7
Other transport equipment	GHPB	7390333358	119.3	122.5	123.5	123.8p	124.1p	0.2	0.2	11.5	10.8
Manufacture of other manufactured goods n.e.c	GHPJ	7390888880	141.6r	146.1r	148.3	149.8p	150.5p	1.1	0.4	18.9	16.5
Furniture	GHPK	7390310000	144.9	149.6r	151.7	153.5p	154.0p	1.2	0.3	20.8	16.4
Other manufacturing	GHPM	7390320000	139.1	143.3r	145.5	146.9p	147.7p	1.0	0.5	17.3	16.5
Repair of maintenance of ships & boats	GHPN	7390331500	142.8	150.6r	152.0	153.4p	154.3p	0.9	0.6	23.8	21.4
Repair & maintenance services of aircraft & spacecraft	GHPQ	7390331600	120.3	121.6	123.6	116.8p	118.4p	-5.5	1.4	9.8	10.8
Other repair; installation	GHPR	7390333355	128.3	135.0r	135.8	137.6p	139.8p	1.4	1.6	19.3	19.8

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**

							Percentage change 1 month		Percentage change 12 months	
		2022 Mar	2022 Apr	2022 May	2022 Jun	2022 Jul	2022 Jun	2022 Jul	2022 Jun	2022 Jul
<b>Fuel excl. CCL</b>	FSQ3 7490222295	176.6	197.7	187.8	194.3p	189.5p	3.5	-2.5	59.0	46.8
Mining of coal & lignite exc CCL	GHDW 7390050000	167.0	177.7	180.7	187.1p	192.5p	3.6	2.9	52.2	53.1
Electricity excl. CCL	GHPH 7390351000	176.0	195.2	187.6	193.8p	189.0p	3.3	-2.5	55.1	44.3
Gas excl. CCL	GHRH 7390444499	189.6	196.7	191.3	206.5p	199.5p	8.0	-3.4	75.5	58.1
<b>Crude Oil</b>	FSQ4 7490444498	266.7	240.6	269.5	296.8p	282.5p	10.1	-4.8	96.9	79.6
Domestic crude oil & metal ores	GGT3 7190222295	274.5	242.1	274.8	305.6p	283.1p	11.2	-7.4	98.3	77.8
Imported crude oil & metal ores	GHBV 7290222295	253.1	237.9	260.3	281.2p	281.6p	8.0	0.1	94.1	83.0
<b>Home produced food:</b>	FSP7 7190351000	125.0	130.6r	135.5	137.0p	137.0p	1.1	-0.1	15.6	17.4
Products of agriculture, hunting and related services	GGO7 7190010000	137.3	144.8r	156.6	157.8p	154.7p	0.8	-1.9	19.3	21.2
Fish & other fish products	GS8 7190030000	135.1r	169.4r	161.4	151.8p	144.6p	-5.9	-4.7	13.4	19.8
Preserved meat and meat products	GH2M 7190101000	110.1	113.7	116.1	118.8p	120.0p	2.4	1.0	12.0	13.4
Processed fish & fish products; fruit & vegetables	GH7R 7190333387	113.1r	114.6r	115.2	115.7p	116.9p	0.5	1.0	7.6	8.6
Vegetable & animal oils and fats	GH7S 7190104000	150.6	160.3	163.2	164.3p	167.0p	0.6	1.6	27.7	29.6
Dairy products	GH8A 7190105000	131.3r	134.1	136.4	139.7p	142.8p	2.4	2.2	17.3	19.7
Grain mill products, starches and starch products	GH8B 7190106000	125.6r	129.7r	132.5	134.8p	136.8p	1.7	1.5	17.1	19.3
Bakery and Farinaceous products	GH8C 7190107000	113.0r	113.2	116.6	117.8p	119.1p	1.1	1.1	9.6	10.7
Other Food products	GH8L 7190108000	105.4	106.1r	107.8	110.0p	111.8p	2.0	1.6	7.3	8.6
Prepared animal feeds	GH98 7190109000	133.0	136.2	142.7	149.2p	151.9p	4.6	1.8	23.4	24.4
<b>Imported food materials</b>	FSP9 7490333354	132.6r	139.3r	143.5	144.9p	146.2p	1.0	0.9	23.6	22.5
Agricultural crop products	GHBQ 7290010000	124.2r	128.9r	129.5	126.6p	125.5p	-2.3	-0.9	16.7	15.6
Fish & fish products	GHBS 7290030000	151.8	153.1	155.8	156.4p	164.1p	0.4	4.9	23.8	25.2
Meat & meat products	GHBX 7290101000	127.9r	142.0r	155.4	152.7p	157.1p	-1.7	2.9	29.6	25.7
Processed fish & fish products, fruit & vegetables	GHBY 7290333387	115.2	116.9r	120.2	124.2p	126.7p	3.3	2.0	11.5	13.5
Vegetable & animal oils & fats	GHBZ 7290104000	201.2	203.1	207.0	197.6p	193.7p	-4.6	-1.9	25.5	21.6
Dairy products	GHCA 7290105000	119.9	137.5r	143.4	157.2p	156.6p	9.6	-0.4	57.0	55.1
Grain mill products & starches	GHCB 7290106000	142.2	148.9r	153.0	155.3p	157.0p	1.5	1.1	23.7	21.3
Bakery & farinaceous products	GHCC 7290107000	125.1r	132.3r	134.7	136.2p	135.8p	1.2	-0.3	13.9	13.7
Other food products	GHCD 7290108000	141.8	149.3	153.1	167.6p	169.6p	9.5	1.2	32.2	32.0
Prepared animal feeds	GHCE 7290109000	142.2	142.3	144.7	156.1p	163.4p	7.9	4.7	28.7	36.6
<b>Other home produced materials</b>	FSQ2 7490333353	141.7r	148.5r	152.9	156.8p	160.4p	2.6	2.3	29.6	29.2
Forestry products	GGP2 7190020000	223.7	237.2	237.2	237.2p	237.2p	-	-	6.1	6.1
Other mining & quarrying products exc egg	GH2L 7190080000	123.7r	132.0r	152.1	152.3p	150.0p	0.1	-1.5	35.0	32.1
Textiles	GHA 7190130000	114.0	114.5	115.7	118.2p	118.4p	2.1	0.2	9.9	9.4
Wearing Apparel	GHAF 7190140000	109.1	109.3	109.7	109.7p	109.7p	0.1	-	2.8	2.8
Leather and related products	GHAG 7190150000	111.9	112.2	113.2	113.2p	113.8p	-	0.5	8.7	9.1

Wood and products of wood and cork, exc furniture	GHAH	7190160000	151.0	153.6r	156.1	157.6p	158.5p	1.0	0.5	21.4	16.0
Paper and paper products	GHAJ	7190170000	127.3r	131.2r	134.9	136.9p	138.0p	1.5	0.8	22.6	22.1
Coke & refined petroleum products	GHAK	7190190000	198.5	236.0	238.3	257.3p	288.0p	8.0	11.9	87.0	102.8
Water collection, treatment & supply	GHBP	7190360000	107.0	110.9	110.9	110.9p	110.9p	-	-	3.6	3.6

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		
		2022 Mar	2022 Apr	2022 May	2022 Jun	2022 Jul	2022 Jun	2022 Jul	2022 Jun	2022 Jul	
<b>Inputs of Metals and Non-Metallic Mineral products</b>	FSQ8 7390333351	166.1r	174.3r	175.9	176.6p	177.4p	0.4	0.4	23.8	21.9	
	Cement, lime, plaster and articles of concrete, cement & plaster	GHGF 7390333375	138.7r	145.7r	151.6	154.1p	155.1p	1.6	0.7	29.9	28.3
	Glass, refractory clay, porcelain, ceramic and stone products	GHGH 7390333374	135.6r	142.9r	148.7	151.6p	153.2p	1.9	1.1	30.9	30.4
	Basic iron, steel & alloys, tubes, pipes, hollow profiles and fittings	GHGJ 7390333369	188.6r	201.1r	202.4	203.4p	202.1p	0.5	-0.6	36.4	31.3
	Other basic metals & casting	GHGL 7390333368	180.6	182.9	186.6	188.5p	186.8p	1.0	-0.9	20.3	18.8
	Weapons & ammunition	GHGN 7390254000	131.4	134.5r	135.5	136.8p	138.5p	1.0	1.2	14.7	15.1
	Fabricated metal products excluding weapons & ammunition	GHGP 7390333365	156.9r	166.3r	168.0	169.4p	170.5p	0.8	0.6	27.4	25.1
<b>Inputs of Chemicals</b>	FSQ7 7490333352	136.4r	140.0r	142.6	145.5p	146.4p	2.0	0.6	22.3	21.3	
	Paints, varnishes & coatings, printing inks & other mastics	GHFP 7390203000	141.7r	146.2r	148.7	152.1p	152.7p	2.3	0.4	24.0	22.8
	Soap, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR 7390204000	127.3r	130.3r	132.5	134.2p	135.3p	1.3	0.8	17.4	16.9
	Other chemical products	GHFT 7390205000	131.7r	134.5r	136.2	138.4p	139.1p	1.6	0.5	20.5	19.1
	Industrial gases, inorganic chemicals, fertilisers & nitrogen compounds	GHFV 7390333378	170.7r	179.4r	179.1	182.4p	182.1p	1.9	-0.1	51.6	48.3
	Petrochemicals	GHFX 7390333377	161.0r	167.7r	170.7	177.3p	179.0p	3.9	1.0	39.2	37.3
	Dyes & pigments; pesticides & other agro-chemical products	GHFZ 7390333376	147.2	151.7r	153.7	157.8p	157.0p	2.6	-0.5	30.1	27.7
	Basic pharmaceutical products & pharmaceutical preparations	GHGB 7390210000	117.8	120.0	121.1	122.6p	123.0p	1.2	0.4	11.5	11.1
	Rubber & plastic products	GHGD 7390220000	136.9	141.6	144.2	147.8p	148.8p	2.5	0.7	22.4	21.0
<b>Other parts &amp; equipment</b>	FSQ9 7490333349	113.8r	115.5r	117.3	117.1p	117.8p	-0.1	0.6	7.8	8.2	
	Computer, electronic & optical products	GHGR 7390260000	123.8	126.9r	128.2	129.4p	130.6p	0.9	0.9	12.3	12.4
	Electrical equipment	GHGT 7390270000	132.5r	136.3r	138.0	139.3p	139.8p	1.0	0.4	15.3	14.7
	Machinery & equipment n.e.c	GHGV 7390280000	137.2	141.7r	143.2	144.4p	145.4p	0.9	0.7	17.1	16.3
	Motor vehicles, trailers & semi-trailers	GHGX 7390290000	126.9r	130.0r	131.6	132.6p	132.9p	0.7	0.2	12.5	11.8
	Ships & boats	GHGZ 7390301000	135.7r	141.0r	142.7	143.9p	144.8p	0.9	0.6	19.0	16.4
	Aircraft, spacecraft & related machinery	GHHB 7390303000	137.2	143.8	145.9	144.2p	145.2p	-1.2	0.7	18.2	17.7
	Other transport equipment	GHHD 7390333358	119.3	122.5	123.5	123.8p	124.1p	0.2	0.2	11.5	10.8
<b>Other inputs</b>	FSQ6 7490111196	111.6r	114.2	114.8	115.3p	115.7p	0.5	0.4	6.5	6.7	
	Printing & recording services	GHFL 7390180000	125.3r	129.4r	131.4	133.1p	134.1p	1.3	0.7	19.8	19.5
	Furniture	GHHF 7390310000	144.9	149.6r	151.7	153.5p	154.0p	1.2	0.3	20.8	16.4
	Other manufactured goods n.e.c	GHHH 7390320000	139.1	143.3r	145.5	146.9p	147.7p	1.0	0.5	17.3	16.5
	Repair & maintenance of ships and boats	GHHJ 7390331500	142.8	150.6r	152.0	153.4p	154.3p	0.9	0.6	23.8	21.4
	Repair & maintenance of aircraft and spaceships	GHHL 7390331600	120.3	121.6	123.6	116.8p	118.4p	-5.5	1.4	9.8	10.8
	Rest of repair and installation	GHHN 7390333355	128.3	135.0r	135.8	137.6p	139.8p	1.4	1.6	19.3	19.8
<b>Imported materials:</b>											
Total Imports	GD74 8170111199	134.1	136.5r	140.2	143.6p	144.2p	2.4	0.5	21.2	20.6	

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		
2021 Jul	-0.1	-	-	-	-0.1	-
Aug	-	-	-	-0.1	-	-
Sep	-	-	-	-	-0.1	-
Oct	-0.1	-	-	-0.1	-	-0.1
Nov	-0.1	-	-0.1	-0.1	-	-0.1
Dec	-	-	-0.1	-0.2	-	-0.1
2022 Jan	-0.1	-	-0.1	-0.2	-	-0.1
Feb	-0.1	-	-0.1	-0.1	-	-0.1
Mar	-0.1	-	-0.1	-0.1	-	-0.1
Apr	-0.1	-	-0.1	-0.2	-	-0.1
May	-0.1	-	-0.1	-0.2	-0.1	-0.2
Jun	-0.1	-	-0.1	-0.3	-0.1	-0.3

Source: Office for National Statistics

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