

Statistical bulletin

Producer price inflation, UK: February 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).



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1 . Main points

- The headline rate of output prices showed positive growth of 10.1% on the year to February 2022, up from 9.9% in January 2022.
- The headline rate of input prices showed positive growth of 14.7% on the year to February 2022, up from 14.2% in January 2022.
- Food products and metals and non-metallic minerals provided the largest upward contributions to the annual rates of output and input inflation, respectively.
- This month's Producer Price Inflation (PPI) is being published using updated sales data in line with the annual chain-linking methodology (see Section 5).

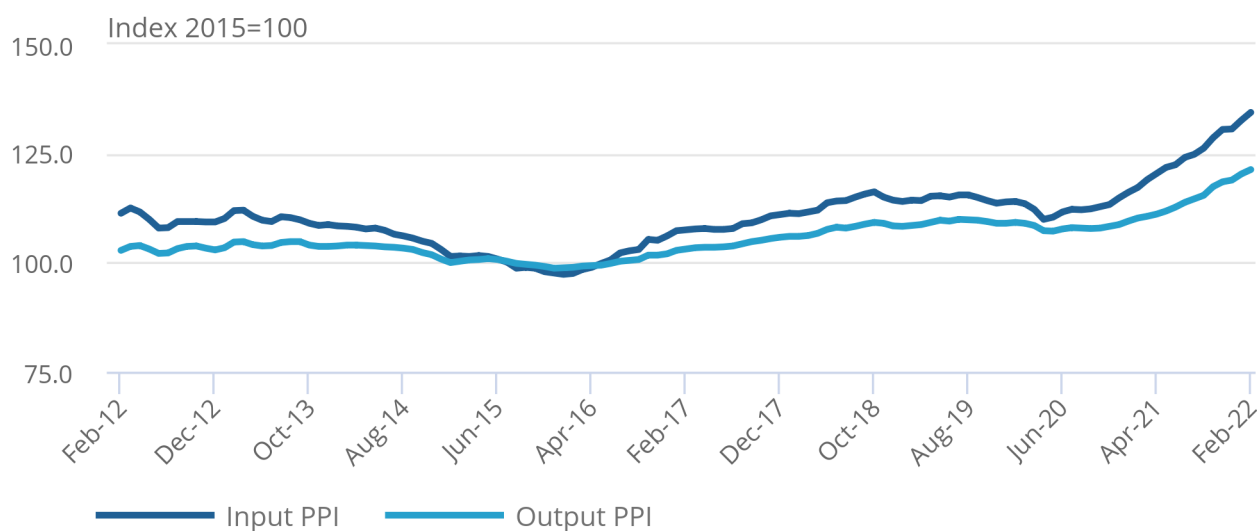
2 . Analysis

Figure 1: Input producer price inflation (PPI) is more volatile over time than output inflation

Input and output PPI, UK, February 2012 to February 2022

Figure 1: Input producer price inflation (PPI) is more volatile over time than output inflation

Input and output PPI, UK, February 2012 to February 2022



Source: Office for National Statistics – Producer Price Index

Output prices

On the month, the rate of output inflation was 0.8% in February 2022, down from 1.2% in January 2022 (Table 1).

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

All manufactured products (GB7S)

	PPI Index (2015=100)	1-month rate	12-month rate	Change in the 12-month rate (percentage points)
2021 Feb	110.2	0.7	1.0	0.8
Mar	110.6	0.4	1.9	0.9
Apr	111.1	0.4	3.5	1.6
May	111.8	0.7	4.3	0.8
June	112.7	0.8	4.6	0.3
July	113.8	1.0	5.3	0.7
Aug	114.6	0.7	6.2	0.9
Sept	115.4	0.7	7.0	0.8
Oct	117.4	1.7	8.8	1.8
Nov	118.5	1.0	9.4	0.6
Dec	118.9	0.3	9.3	-0.1
2022 Jan	120.3	1.2	9.9	0.6
Feb	121.3	0.8	10.1	0.2

Source: Office for National Statistics – Producer Price Index

Notes

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

Of the 10 product groups, nine displayed upward contributions to the annual rate in February 2022. Food products provided the largest upward contribution of 2.37 percentage points to the annual rate (Figure 2) and had annual price growth of 6.2% in February 2022 (Table 2). This is the highest that the rate has been since December 2017, and the increase was mainly driven by preserved meat and meat products for domestic market.

Tobacco and alcohol was the only product group to display a downward contribution to the annual rate. Despite showing positive annual growth, it provided a downward contribution because of the reduction in weight between 2021 and 2022. You can find out more about how these rates are calculated in Section 5.

More about economy, business and jobs

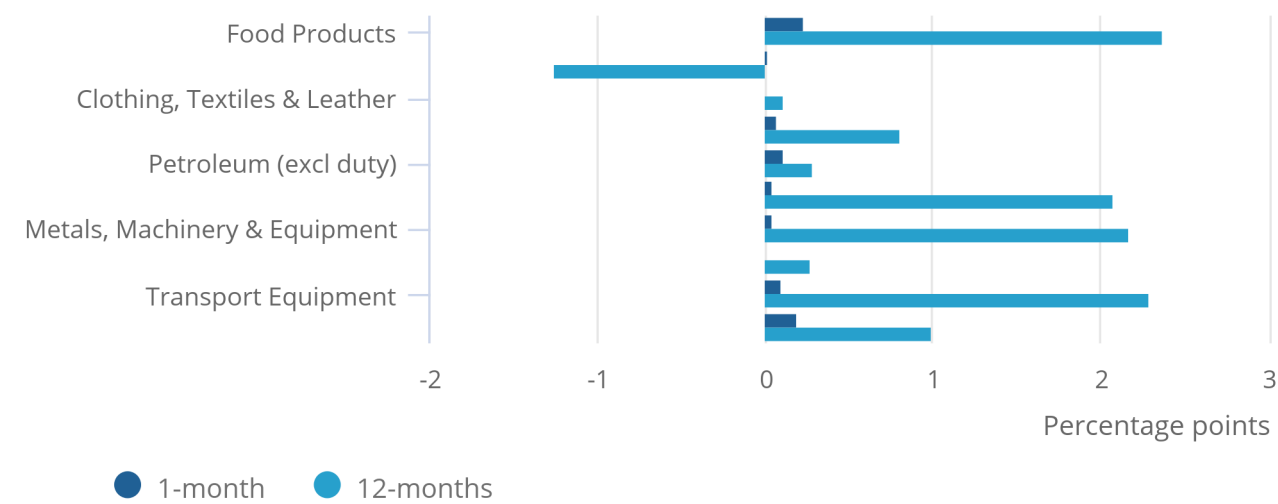
- All ONS analysis, summarised in our [economy, business and jobs roundup](#).
- Explore the latest trends in employment, prices and trade in our [economic dashboard](#).
- View [all economic data](#).

Figure 2: Food products provided the largest upward contribution to the annual rate

Output prices, contribution to 1-month and 12-month growth rate, UK, February 2022

Figure 2: Food products provided the largest upward contribution to the annual rate

Output prices, contribution to 1-month and 12-month growth rate, UK, February 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.

Table 2: Output prices and growth rates
UK, February 2022

Product group	Percentage Change	
	1-month rate	12-month rate
Food products	0.9	6.2
Tobacco and alcohol (excl. duty)	1.5	1.6
Clothing, textile and leather	0.1	5.3
Paper and printing	1.2	10.9
Petroleum products (excl. duty)	3.1	50.8
Chemical and pharmaceutical	0.7	17.9
Metal, machinery and equipment	0.3	13.8
Computer, electrical and optical	0.3	4.0
Transport equipment	0.7	3.3
Other manufactured products	0.8	9.7
All manufacturing	0.8	10.1

Source: Office for National Statistics – Producer Price Index

Output – change in the annual rate

The annual rate of output inflation increased by 0.2 percentage points from 9.9% in January 2022 to 10.1% in February 2022. This is the highest that the rate has been since September 2008.

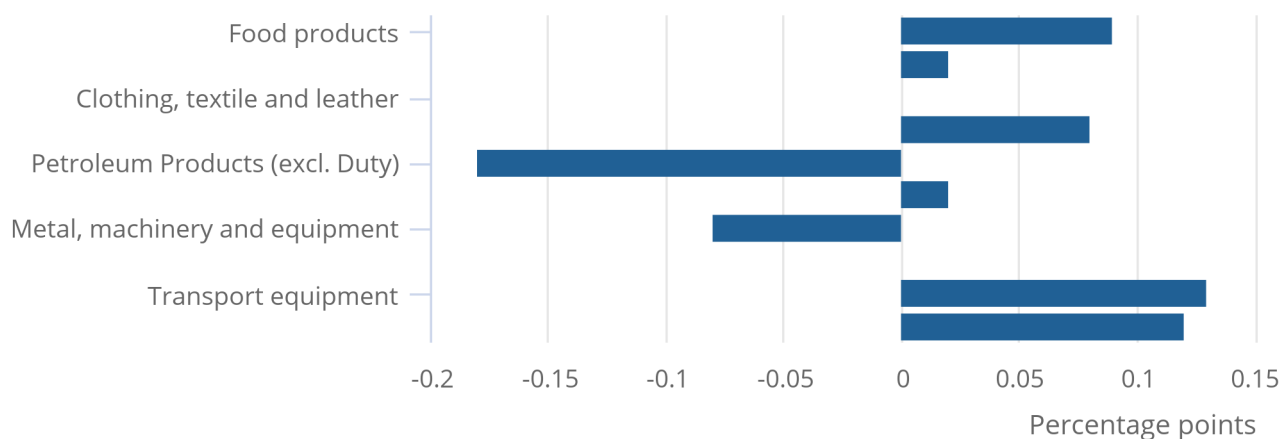
Of the 10 product groups, six displayed upward contributions to the change in the annual rate, with transport equipment and other manufactured products providing the largest, at 0.13 and 0.12 percentage points, respectively (Figure 3).

Figure 3: Transport equipment made the largest upward contribution to the change in the annual rate

Output PPI, contribution to change in the annual rate, UK, February 2022

Figure 3: Transport equipment made the largest upward contribution to the change in the annual rate

Output PPI, contribution to change in the annual rate, UK, February 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.

Input prices

On the month, the rate of input inflation was 1.4% in February 2022, down from 1.5% in January 2022 (Table 3).

Table 3: Input prices, index values, growth rates and percentage point change to the 12-month rate
UK, February 2021 to February 2022

All materials and fuels purchased (GHIP)

	PPI Index (2015=100)	1-month rate	12-month rate	Change in the 12-month rate (percentage points)
2021 Feb	117.2	0.9	3.2	1.3
Mar	119.0	1.6	6.1	2.9
Apr	120.4	1.2	9.6	3.5
May	121.8	1.1	10.3	0.7
June	122.4	0.6	9.7	-0.6
July	124.1	1.3	10.6	0.9
Aug	124.8	0.6	11.4	0.8
Sept	126.2	1.1	12.3	0.9
Oct	128.6	1.9	13.9	1.6
Nov	130.5	1.5	15.2	1.3
Dec	130.6	0.1	13.7	-1.5
2022 Jan	132.6	1.5	14.2	0.5
Feb	134.4	1.4	14.7	0.5

Source: Office for National Statistics – Producer Price Index

Notes

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

The annual rate of imported inputs was 9.2% in February 2022, up from 7.0% in January 2022 (Table 4). This is the highest that the rate has been since May 2017.

Table 4: Imported materials and fuels purchased and sterling effective exchange rate, index values, growth rates and percentage point change to the 12-month rate
UK, February 2021 to February 2022

	Imported materials and fuels purchased (GD74)				Sterling effective exchange rate - month average (BK67)		
	PPI Index (2015=100)	1-month rate	12-month rate	Change in the 12-month rate (percentage points)	Sterling Index (Jan 2005=100)	1-month rate	12-month rate
2021 Feb	115.6	-0.6	0.1	-0.7	80.6	1.9	0.0
Mar	116.9	1.1	0.7	0.6	81.7	1.4	6.4
Apr	118.2	1.2	5.3	4.6	81.4	-0.4	4.2
May	118.2	-0.1	4.5	-0.8	82.0	0.7	6.2
June	118.5	0.3	4.2	-0.3	82.0	0.0	6.6
July	119.7	1.0	4.4	0.2	81.8	-0.2	6.2
Aug	119.1	-0.5	4.3	-0.1	82.0	0.2	4.9
Sept	120.5	1.2	4.7	0.4	81.5	-0.6	5.6
Oct	121.4	0.7	5.4	0.7	82.0	0.6	5.9
Nov	122.9	1.3	7.3	1.9	81.5	-0.6	4.1
Dec	123.6	0.5	6.7	-0.6	81.4	-0.1	4.2
2022 Jan	124.4	0.6	7.0	0.3	82.7	1.6	4.6
Feb	126.2	1.4	9.2	2.2	82.6	-0.1	2.5

Source: Office for National Statistics – Producer Price Index

Notes

1. Rates may not correspond to 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.

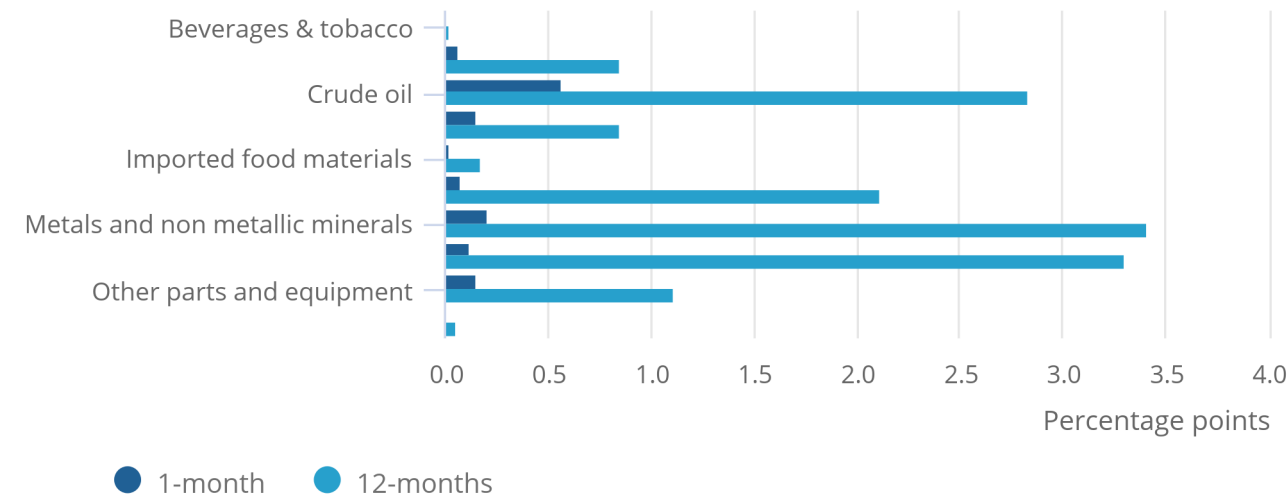
The largest upward contribution to the annual input inflation rate came from metals and non-metallic minerals, which contributed 3.41 percentage points (Figure 4) and had positive annual price growth of 18.0% in February 2022 (Table 5). This was mainly driven by basic iron and steel and of ferro-alloys for domestic market.

Figure 4: Metals and non-metallic minerals provided the largest upward contribution to the annual rate

Input PPI, contribution to 1-month and 12-month growth rate, UK, February 2022

Figure 4: Metals and non-metallic minerals provided the largest upward contribution to the annual rate

Input PPI, contribution to 1-month and 12-month growth rate, UK, February 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.

Table 5: Input prices and growth rates
UK, February 2022

Product group	Percentage change	
	1-month rate	12-month rate
Beverages & tobacco	1.2	2.2
Fuel excluding Climate Change Levy	2.0	26.8
Crude oil	9.0	57.3
Home food materials	1.2	6.8
Imported food materials	0.8	8.6
Other produced materials	0.8	20.1
Metals & non-metallic minerals	0.9	18.0
Chemicals	0.7	18.3
Other parts and equipment	0.7	2.9
Other inputs	0.4	1.1
All manufacturing	1.4	14.7

Source: Office for National Statistics – Producer Price Index

Input – change in the annual rate

The annual rate of input inflation increased by 0.5 percentage points from 14.2% in January 2022 to 14.7% in February 2022.

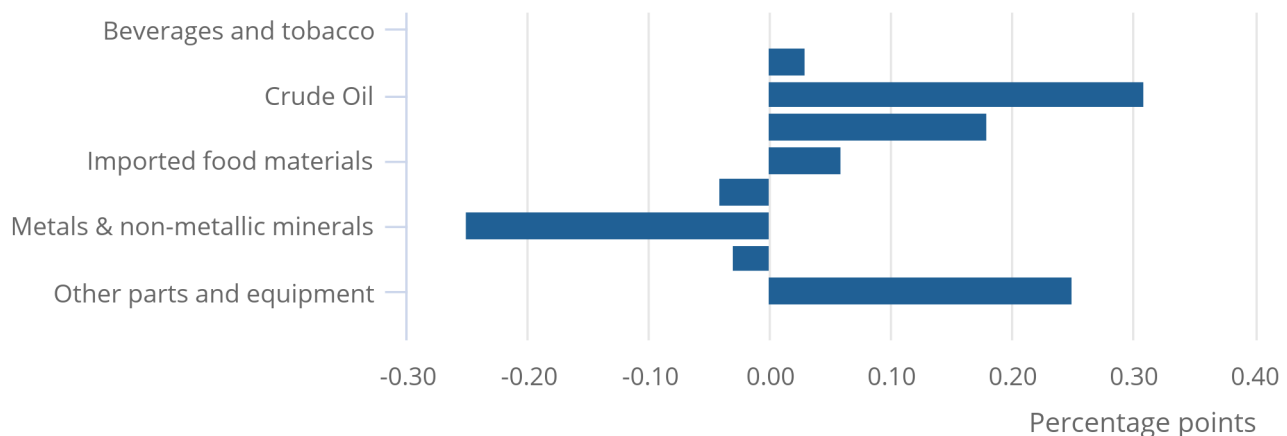
Of the 10 product groups, five displayed upward contributions to the change in the annual rate. Crude oil displayed the largest, at 0.31 percentage points (Figure 5). The monthly rate of 9.0% between January 2022 and February 2022 for this product group is higher than the 6.0% between the same months a year ago; this has pulled the annual rate up by 4.2 percentage points from 53.1% in January 2022 to 57.3% in February 2022.

Figure 5: Crude oil provided the largest upward contribution to the change in the annual rate

Input PPI, contribution to change in the annual rate, UK, February 2022

Figure 5: Crude oil provided the largest upward contribution to the change in the annual rate

Input PPI, contribution to change in the annual rate, UK, February 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.

3 . Producer price inflation data

[Producer price inflation time series](#)

Dataset | Released 23 March 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.

[Output and input producer price inflation: contributions to the 12-month rates](#)

Dataset | Released 23 March 2022

Contributions to the 12-month rates of input and output producer price inflation by component and overall rates.

[Producer price inflation](#)

Dataset MM22 | Released 23 March 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.

4 . 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

This is the 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).

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 site or building maintenance, rent, or interest on loans.

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.

Services producer price inflation

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

5 . 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.

Weights

This month's Producer Price Inflation (PPI) is being published with updated sales data in line with the annual chain-linking methodology. New 2022 weights are used to calculate indices from December 2021, which is the link period. To avoid weights being affected adversely by coronavirus (COVID-19) pandemic data, we use 2019 sales data with the price updated to December 2021 as the weights source. Further details on the methodology are available in our [Chain-linking in business prices article](#).

Table 6: Weight ranking comparison between 2021 and 2022 weights for PPI
(domestically consumed output from manufacturing)

CPA product groupings	2021	2022
Outputs of Food Products	1	1
Other Outputs from Manufacturing	2	2
Outputs of Basic Metals, Fabricated Metal Products and Machinery	3	3
Outputs of Motor Vehicles and Other Transport Equipment	4	4
Outputs of Paper, Paper Products and Printed Material	5	5
Outputs of Chemicals and Pharmaceutical Preparations	6	6
Outputs of Computer, Electronic and Electrical Products	8	7
Outputs of Coke and Refined Petroleum Products	7	8
Outputs of Alcoholic Beverages and Tobacco Products	9	9
Outputs of Textiles, Wearing Apparel and Leather Products	10	10

Source: Office for National Statistics

Notes

1. Due to potential disclosure issues only weights rankings are currently published rather than full weights.

Table 7: Weight ranking comparison between 2021 and 2022 weights for PPI
(inputs (domestic and imported) into manufacturing)

CPA product groupings	2021	2022
Inputs of other parts and equipment	1	1
Inputs of metals and non-metallic mineral products	2	2
Inputs of chemicals	3	3
Inputs of food (domestic)	4	4
Inputs of other produced material	5	5
Inputs of crude oil	6	6
Other inputs	7	7
Inputs of fuel	8	8
Inputs of food (imported)	9	9
Inputs of beverages & tobacco	10	10

Source: Office for National Statistics

Notes

1. Due to potential disclosure issues only weights rankings are currently published rather than full weights.

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 and increase in inflation rate - contribution is usually negative.
- No change in weight or inflation rate - no change.
- No change in weight and increase in inflation rate - no change.
- Increase in weight and decrease in inflation rate - contribution is usually positive.
- Increase in weight and no change in inflation rate - contribution is positive.
- Increase in weight and increase in inflation rate - contribution is positive.

Contributions are calculated using the following formula:

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

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

Sterling effective exchange rate

The sterling effective exchange rate measures changes in the strength of sterling relative to a basket 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.

6 . Strengths and limitations

Strengths

- These data provide users with valuable insight into the changes in the process of goods and services bought and sold by UK manufacturers.
- Our data are very comprehensive, covering many products at a much greater level of detail than other surveys.

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.

Coronavirus (COVID-19) in February 2022

Response rates for the domestic PPI, Import Price Index (IPI) and Export Price Index (EPI) all show an increase between January 2022 and February 2022 (Table 8).

Table 8: Overall effective response rates at time of first publishing
Percentage, UK, February 2021 to February 2022

Weighted response

	PPI (domestic)	IPI	EPI
February 2021	75.3	74.2	62.3
March 2021	73.9	75.5	65.4
April 2021	79.0	72.6	60.3
May 2021	75.5	77.1	62.7
June 2021	77.1	75.3	64.8
July 2021	71.1	68.2	70.7
August 2021	73.0	67.9	72.8
September 2021	73.3	67.1	73.8
October 2021	67.1	70.5	67.3
November 2021	71.1	69.0	68.8
December 2021	68.6	70.0	63.6
January 2022	65.5	64.1	64.6
February 2022	70.5	70.3	69.2

Source: Office for National Statistics – Producer Price Index

Notes

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

7 . 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: December 2021, new orders and Construction Output Price Indices, October to December 2021](#)

Bulletin | Released 11 February 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 4 (Oct to Dec) 2021.

[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.

Links to additional ONS sources of coronavirus (COVID-19) information

Various articles have been published that help describe the Office for National Statistics' (ONS) response to how coronavirus might be seen in our estimates:

- [Coronavirus and the effects on UK prices](#) (published 6 May 2020)
- [Coronavirus and the impact on output in the UK economy: August 2021](#) (published 13 October 2021)
- [Meeting the challenge of measuring the economy through the COVID-19 pandemic](#) (published 6 May 2020)
- [Coronavirus and the effects on UK GDP](#) (published 6 May 2020)
- [Real-time turning point indicators: a UK focus](#) (published 27 April 2020)
- [Communicating gross domestic product](#) (published 27 April 2020)

Our latest data and analysis on [the impact of coronavirus on the UK economy and population](#) are also available.

The ONS has released a [public statement on coronavirus](#) and the production of statistics. If you have any specific queries on this, you can email the [Media Relations Office](#).

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). The NSCASE will support the UK by ensuring its processes for influencing and adopting international statistical standards are world leading. The advice that the NSCASE provides to the National Statistician will span the full range of domains in economic statistics. This includes the National Accounts, fiscal statistics, prices, trade, the balance of payments, and labour market statistics.

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				Index				Index				Index			
(2015=100)				(2015=100)				(2015=100)				(2015=100)			
1 mth				1 mth				1 mth				1 mth			
12 mths				12 mths				12 mths				12 mths			
615033333				6150333390				6140190000				6150888897			
GB7S				GBBV				G6ST				GBA6			
2021 Aug	114.6	0.7	6.2	116.0	0.9	5.5	143.7	1.2	49.9	109.9r	-	2.9			
Sep	115.4	0.7	7.0	116.7	0.6	6.0	150.2	4.5	65.9	110.3r	0.4	3.1			
Oct	117.4	1.7	8.8	118.5	1.5	7.3	168.2	12.0	86.1	110.8	0.5	3.9			
Nov	118.5	1.0	9.4	119.4r	0.8	8.2	176.4	4.9	85.3	111.5	0.6	3.9			
Dec	118.9	0.3	9.3	120.1	0.6	8.6	171.1	-3.0	67.8	112.0	0.5	4.4			
2022 Jan	120.3p	1.2	9.9	121.6p	1.2	9.5	171.3p	0.1	58.2	113.4p	1.2	5.2			
Feb	121.3p	0.8	10.1	122.4p	0.7	9.9	176.6p	3.1	50.8	114.5p	0.9	5.6			

Table 2: Gross sector input prices, including Climate Change Levy¹: summary (not seasonally adjusted) - CPA 2.1

2015=100, CPA 2.1													
All manufacturing (materials and fuel purchased)				All Manufacturing (materials and fuel purchased) excluding food, beverages, tobacco & petroleum				Materials purchased by manufacturing industry			Fuels purchased by manufacturing industry		

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

2015=100, CPA 2.1											
								Percentage change		Percentage change	
								1 month		12 months	
			2021	2021	2021	2022	2022	2022	2022	2022	2022
			Oct	Nov	Dec	Jan	Feb	Jan	Feb	Jan	Feb
Gross Sector											
Output of manufactured products	GB7S	6158333333	117.4	118.5	118.9	120.3p	121.3p	1.2	0.8	9.9	10.1
All manufacturing, excluding food, beverages, tobacco and petroleum	GBBV	6150333390	118.5	119.4r	120.1	121.6p	122.4p	1.2	0.7	9.5	9.9
Food products, beverages and tobacco, excluding duty	GBA6	6150888897	110.8	111.5	112.0	113.4p	114.5p	1.2	0.9	5.2	5.6
Food products	G6SI	6140100000	110.9	111.6r	112.3	113.6p	114.6p	1.1	0.9	5.9	6.2
Alcoholic beverages, excluding duty	G6SJ	6140110000	107.5r	108.3	107.3	109.9p	111.2p	2.5	1.2	1.9	2.4
Soft drinks, mineral waters and other bottled waters	EVPU	6120110700	104.2r	106.9	105.2	108.1p	109.0p	2.8	0.8	3.9	3.7
Textiles	G6SN	6140130000	109.4	109.8r	111.4	113.6p	113.6p	2.0	0.1	6.3	6.4
Wearing apparel	G6SO	6140140000	108.3	108.3	108.5	109.0p	109.0p	0.5	-	2.2	2.2
Leather and related products	G6SP	6140150000	103.9	103.9	103.9	104.3p	105.2p	0.3	0.9	1.2	2.1
Wood and products of wood and cork, except furniture	G6SQ	6140160000	149.0	149.5	148.9	150.5p	149.7p	1.1	-0.5	27.4	25.4
Paper and paper products	G6SR	6140170000	117.4r	118.9r	120.4	122.8p	124.4p	2.0	1.3	15.7	17.0
Printing and recording services	G6SS	6140180000	104.7	105.7	105.9	106.6p	107.8p	0.7	1.1	3.2	4.3
Coke and refined petroleum products, excluding duty	G6ST	6140190000	168.2	176.4	171.1	171.3p	176.6p	0.1	3.1	58.2	50.8
Chemicals and chemical products	G6SV	6140200000	129.5r	132.8	135.8	140.3p	141.7p	3.4	1.0	22.7	23.0
Basic pharmaceutical products and pharmaceutical preparations	G6SW	6140210000	105.4	105.5	105.7	106.1p	104.9p	0.3	-1.1	-1.1	-1.5
Rubber and plastic products	G6SX	6140220000	121.6r	122.8r	123.3	124.3p	125.4p	0.8	0.9	12.6	13.2
Other non-metallic mineral products	G6SY	6140230000	118.2	120.8	121.4	125.5p	127.5p	3.4	1.6	13.0	14.4
Basic metals	G6SZ	6140240000	168.1r	170.8r	172.4	174.2p	174.7p	1.0	0.3	33.0	29.6
Fabricated metal products, except machinery and equipment	G6T3	6140250000	123.5	123.7	125.1	126.3p	126.7p	0.9	0.4	11.7	11.6
Computer, electronic and optical products	G6T5	6140260000	106.2	106.8r	107.0	107.4p	107.5p	0.3	0.1	1.8	2.0
Electrical equipment	G6VF	6140270000	116.0r	116.3r	117.1	117.8p	118.3p	0.6	0.5	6.3	6.3
Machinery and equipment n.e.c.	G6VG	6140280000	111.4r	113.2r	113.6	115.5p	115.9p	1.7	0.3	7.6	7.8
Motor vehicles, trailers and semi-trailers	G6WH	6140290000	111.1r	111.7r	111.8	112.2p	112.4p	0.3	0.2	2.9	3.2
Other transport equipment	G72N	6140300000	113.4	113.6	113.9	114.9p	116.1p	0.9	1.1	0.9	2.5
Furniture	G75I	6140310000	113.1	113.5	113.9	114.4p	117.2p	0.4	2.5	5.2	8.1
Other manufactured goods	G776	6140320000	104.0	104.1	104.2	104.6p	104.9p	0.3	0.3	4.1	3.4
Repair and installation services of machinery and equipment	G777	6140330000	109.8	110.1	110.2	110.6p	110.9p	0.4	0.2	-1.0	-0.8

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		Percentage change	
								1 month		12 months	
								2022	2022	2022	2022
		2021	2021	2021	2022	2022		Jan	Feb	Jan	Feb
		Oct	Nov	Dec	Jan	Feb					
Gross sector											
Other mining & quarrying products	GHEA	7390080000	122.6	126.1r	124.4	127.8p	130.7p	2.7	2.3	12.7	14.4
Manufacture of food products, beverages, tobacco	GHHV	7390888897	119.4r	120.8	122.4	123.7p	125.0p	1.1	1.1	8.2	8.5
Preserved meat & meat products	GHEF	7390101000	119.1r	120.4	121.9	123.2p	123.9p	1.0	0.6	6.3	6.0
Fish, crustaceans, molluscs, fruit & vegetables	GHEH	7390333387	121.3r	122.4	128.8	126.0p	129.1p	-2.2	2.4	11.0	11.8
Vegetable & animal oils & fats	GHEJ	7390104000	148.8	150.5	149.9	156.0p	158.6p	4.1	1.6	24.2	26.2
Dairy products	GHEL	7390105000	124.1r	125.4r	127.3	129.0p	130.0p	1.3	0.8	6.8	6.5
Grain mill products, starches & starch products	GHEN	7390106000	121.9	122.9	124.3	126.8p	128.4p	2.0	1.3	9.4	9.8
Bakery & farinaceous products	GHEP	7390107000	117.8	119.8	119.7	122.0p	123.5p	1.9	1.3	10.0	10.7
Other food products	GHER	7390108000	114.1	115.5	115.9	117.5p	118.6p	1.4	0.9	7.4	8.2
Animal feeds	GHET	7390109000	121.2	122.5	123.8	125.6p	127.3p	1.5	1.3	8.1	8.5
Alcoholic Beverages	GHEV	7390333384	116.8	119.1	118.8	121.1p	122.9p	1.9	1.5	8.3	9.2
Soft drinks; mineral waters & other bottled waters	GHEX	7390110700	113.7r	115.5r	115.5	116.9p	117.8p	1.2	0.8	7.5	8.0
Tobacco products	GHEZ	7390120000	124.1r	125.5r	127.2	128.9p	130.2p	1.3	1.0	9.9	9.8
Manufacture of textiles & textile products; clothing	GHHW	7390888895	116.1	117.6r	118.4	120.0p	119.1p	1.4	-0.8	8.8	8.2
Textiles	GHFB	7390130000	117.3	119.0r	119.7	121.5p	120.9p	1.5	-0.5	9.7	9.2
Wearing apparel	GHFD	7390140000	114.0	115.0r	115.9	117.3p	115.8p	1.1	-1.2	7.1	6.2
Manufacture of leather & related products	GHFF	7390150000	114.2r	115.4r	116.2	117.8p	117.9p	1.4	-	8.2	8.4
Manufacture of wood & wood products	GHFH	7390160000	151.7	152.4r	151.5	152.0p	151.6p	0.3	-0.3	24.2	22.9
Manufacture of pulp, paper & paper products, recording media & printing services	GHHZ	7390888892	121.6r	124.3r	124.1	126.2p	127.2p	1.7	0.8	14.8	15.6
Pulp, paper & paper products	GHFJ	7390170000	125.6r	128.6r	128.1	130.2p	131.2p	1.7	0.7	16.6	17.2
Printing & recording services	GHFL	7390180000	116.3r	118.5r	118.7	120.8p	122.0p	1.7	1.0	12.4	13.3
Manufacture of coke & refined petroleum products	GHFN	7390190000	169.8	171.9r	163.6	178.2p	192.5p	8.9	8.0	50.8	54.0
Manufacture of chemicals, chemical products & man-made fibres	GHIB	7390888890	133.1r	138.2r	139.2	143.2p	144.7p	2.9	1.0	25.0	25.1
Paints, varnishes & similar coatings, printing ink & mastics	GHFP	7390203000	130.2r	133.4r	135.4	138.9p	140.0p	2.6	0.7	19.7	19.4
Soaps, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR	7390204000	119.8r	121.6r	122.3	124.4p	125.4p	1.6	0.8	12.2	13.1
Other chemical products	GHFT	7390205000	121.2r	123.7r	125.9	129.3p	129.5p	2.7	0.2	17.5	17.4
Industrial gases; other basic inorganic chemicals; fertilisers & nitrogen compounds	GHFV	7390333378	138.8r	149.3r	147.7	154.0p	156.4p	4.3	1.6	32.6	34.0
Petrochemicals & man made fibres	GHFX	7390333377	139.1r	144.3r	145.9	149.9p	151.5p	2.8	1.1	29.2	28.8
Dyes & pigments: pesticides & other agrochemical products	GHFZ	7390333376	131.0r	135.4r	135.4	139.8p	141.8p	3.3	1.5	20.6	20.7
Manufacture of basic pharmaceutical products & pharmaceutical preparations	GHGB	7390210000	113.1r	114.4r	114.8	116.2p	116.7p	1.3	0.4	6.0	7.0
Manufacture of rubber & plastic products	GHGD	7390220000	127.5r	130.5r	131.2	133.3p	134.2p	1.6	0.7	17.0	16.9
Manufacture of cement, lime & plaster	GHGF	7390333375	125.9	128.7r	127.7	131.8p	134.2p	3.2	1.9	15.5	16.8
Manufacture of glass, refractory, clay, other porcelain, ceramic stone products	GHGH	7390333374	122.7	126.1r	124.9	128.2p	130.9p	2.6	2.1	13.4	15.1
Manufacture of basic metals & fabricated products	GHIF	7390888884	148.1r	150.7r	150.7	152.1p	154.2p	1.0	1.4	19.7	18.8
Basic iron, steel & alloys: tubes, pipes, hollow profiles	GHGJ	7390333369	159.4r	162.0r	162.7	163.2p	166.6p	0.3	2.1	24.6	24.1
Other basic metals & casting	GHGL	7390333368	160.7r	163.9r	162.8	165.0p	168.2p	1.4	1.9	18.3	15.8
Weapons & ammunition	GHGN	7390254000	123.6	124.6	125.1	126.8p	128.4p	1.4	1.2	10.0	11.0
Fabricated metal products, excluding machinery & equipment & weapons & ammunition	GHGP	7390333365	141.6r	144.3r	144.3	145.9p	146.9p	1.0	0.7	19.6	18.8
Manufacture of computer, electronic & optical products, electrical equipment	GHIG	7390888883	121.2r	122.6r	122.9	123.5p	124.3p	0.5	0.7	7.8	8.5
Computer, electronic & optical products	GHGR	7390260000	118.1	119.5	119.8	120.3p	120.9p	0.4	0.5	6.4	7.0
Electrical equipment	GHGT	7390270000	124.7r	126.0r	126.5	127.2p	128.2p	0.5	0.8	9.3	10.1
Manufacture of machinery & equipment n.e.c	GHGV	7390280000	128.3	129.6	130.1	130.8p	131.5p	0.5	0.6	11.5	11.7
Manufacturing of motor vehicles & other transport equipment	GHII	7390888881	123.4	124.7	125.1	125.3p	126.4p	0.2	0.8	8.0	8.7
Motor vehicles, trailers & semi trailers	GHGX	7390290000	121.2	122.4	122.8	123.1p	123.8p	0.2	0.6	7.5	8.1
Ships & boats	GHGZ	7390301000	127.6r	129.0	129.5	130.8p	131.5p	1.0	0.5	12.8	12.7
Aircraft & spacecraft & related machinery	GHHB	7390303000	128.5	129.8	130.4	130.2p	131.9p	-0.2	1.3	8.4	9.4
Other transport equipment	GHHD	7390333358	114.2r	115.1r	115.2	115.4p	116.6p	0.2	1.1	4.8	7.4
Manufacture of other manufactured goods n.e.c	GHIJ	7390888880	134.7r	136.1r	136.0	136.8p	137.3p	0.6	0.4	16.0	15.2
Furniture	GHHF	7390310000	140.2	141.2	140.7	141.4p	141.4p	0.5	-	20.2	19.2
Other manufacturing	GHHH	7390320000	130.3r	132.1r	132.2	133.2p	134.1p	0.8	0.7	12.7	12.1
Repair of maintenance of ships & boats	GHHJ	7390331500	131.0r	132.4r	132.8	134.4p	134.9p	1.2	0.4	16.5	15.4
Repair & maintenance services of aircraft & spacecraft	GHHL	7390331600	115.7	116.3	116.5	116.0p	118.4p	-0.4	2.0	-0.8	1.4
Other repair; installation	GHHN	7390333355	120.6r	122.5r	121.8	122.6p	123.4p	0.7	0.6	10.7	10.8

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

2015=100, CPA 2.1											
								Percentage change		Percentage change	
								1 month		12 months	
			2021	2021	2021	2022	2022	2022	2022	2022	2022
			Oct	Nov	Dec	Jan	Feb	Jan	Feb	Jan	Feb
Fuel excl. CCL	FSQ3	7490222295	148.6	170.5r	151.3	156.4p	159.5p	3.4	2.0	25.6	26.8
Mining of coal & lignite exc CCL	GHDW	7390050000	132.4	131.7r	134.4	132.9p	138.1p	-1.1	3.9	18.4	18.7
Electricity excl. CCL	GHPH	7390351000	148.3	169.3r	150.5	155.8p	158.8p	3.5	1.9	24.0	25.0
Gas excl. CCL	GHRH	7390444499	153.4	168.5r	155.5	165.8p	170.5p	6.6	2.8	47.3	50.4
Crude Oil	FSQ4	7490444498	173.9	174.7	165.5	182.7p	199.2p	10.4	9.0	53.1	57.3
Domestic crude oil & metal ores	GGT3	7190222295	177.3	175.7	167.2	186.1p	203.5p	11.3	9.3	53.4	60.4
Imported crude oil & metal ores	GHBV	7290222295	167.8	173.2	162.6	176.8p	191.7p	8.8	8.4	52.3	52.0
Home produced food:	FSP7	7190351000	118.2r	118.4	121.0	121.9p	123.4p	0.8	1.2	7.0	6.8
Products of agriculture, hunting and related services	GGO7	7190010000	127.9r	127.5	130.9	132.2p	133.3p	1.0	0.8	4.4	3.2
Fish & other fish products	GGH8	7190030000	125.1	123.1	149.5	133.1p	143.2p	-10.9	7.6	25.3	27.2
Preserved meat and meat products	GH2M	7190101000	107.2	108.0r	108.8	109.3p	109.5p	0.5	0.2	6.8	6.0
Processed fish & fish products; fruit & vegetables	GH7R	7190333387	108.4	108.8	109.1	110.1p	110.8p	0.9	0.6	3.1	2.5
Vegetable & animal oils and fats	GH7S	7190104000	143.2	143.2	144.1	152.0p	154.4p	5.5	1.6	30.1	31.2
Dairy products	GH8A	7190105000	122.5	123.4r	124.4	126.5p	127.7p	1.7	1.0	8.0	8.9
Grain mill products, starches and starch products	GH8B	7190106000	115.0r	115.8r	117.8	121.0p	123.5p	2.7	2.1	7.9	8.3
Bakery and Farinaceous products	GH8C	7190107000	107.8r	107.9r	108.6	110.3p	112.5p	1.6	2.0	3.3	4.8
Other Food products	GH8L	7190108000	103.3r	103.5	104.1	104.3p	104.9p	0.2	0.6	2.0	2.8
Prepared animal feeds	GH98	7190109000	124.0	125.9	127.0	128.9p	131.0p	1.5	1.7	9.5	11.1
Imported food materials	FSP9	7490333354	121.2	124.5	126.3	128.6p	129.6p	1.8	0.8	5.7	8.6
Agricultural crop products	GHBQ	7290010000	110.7	118.4r	120.9	122.4p	122.3p	1.2	-0.1	4.1	6.6
Fish & fish products	GHBS	7290030000	139.1	140.4	141.1	140.0p	140.0p	-0.8	-	8.5	10.4
Meat & meat products	GHBX	7290101000	122.6	123.2	123.5	126.8p	127.1p	2.7	0.3	9.0	11.3
Processed fish & fish products, fruit & vegetables	GHBY	7290333387	113.8	114.2	115.3	116.2p	116.7p	0.8	0.5	1.9	3.9
Vegetable & animal oils & fats	GHBZ	7290104000	180.8	184.5	181.5	183.6p	187.0p	1.2	1.9	11.1	15.3
Dairy products	GHCA	7290105000	97.1	102.0	105.2	115.5p	115.5p	9.8	-	26.2	26.2
Grain mill products & starches	GHCB	7290106000	129.9	130.5	131.4	130.3p	132.5p	-0.9	1.7	3.2	6.9
Bakery & farinaceous products	GHCC	7290107000	119.6	119.5	119.9	125.9p	126.3p	5.0	0.3	1.4	4.2
Other food products	GHCD	7290108000	127.3	127.6	133.7	138.0p	142.1p	3.2	3.0	2.7	7.6
Prepared animal feeds	GHCE	7290109000	122.8	124.4	124.9	122.7p	127.5p	-1.7	3.9	2.5	5.5
Other home produced materials	FSQ2	7490333353	131.4	133.0r	133.1	134.7p	135.7p	1.2	0.8	20.3	20.1
Forestry products	GGP2	7190020000	223.7	223.7	223.7	223.7p	223.7p	-	-	29.3	29.3
Other mining & quarrying products exc agg	GH2L	7190080000	114.4	114.1	113.2	119.4p	125.3p	5.4	5.0	4.0	8.8
Textiles	GHAH	7190130000	109.4	109.8r	111.4	113.6p	113.6p	2.0	0.1	6.3	6.4
Wearing Apparel	GHAH	7190140000	108.3	108.3	108.5	109.0p	109.0p	0.5	-	2.2	2.2

Leather and related products	GHAG	7190150000	103.9	103.9	103.9	104.3p	105.2p	0.3	0.9	1.2	2.1
Wood and products of wood and cork, exc furniture	GHAH	7190160000	149.0	149.5	148.9	150.5p	149.7p	1.1	-0.5	27.4	25.4
Paper and paper products	GHAI	7190170000	117.4r	118.9r	120.4	122.8p	124.4p	2.0	1.3	15.7	17.0
Coke & refined petroleum products	GHAK	7190190000	168.2	176.4	171.1	171.3p	176.6p	0.1	3.1	58.2	50.8
Water collection, treatment & supply	GHBP	7190360000	107.0	107.0	107.0	107.0p	107.0p	-	-	2.4	2.4

Source: Office for National Statistics

1 The Climate Change Levy was introduced in April 2001.

p = provisional
r = revised

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

2015=100, CPA 2.1											
								Percentage change		Percentage change	
								1 month		12 months	
			2021	2021	2021	2022	2022	2022	2022	2022	2022
			Oct	Nov	Dec	Jan	Feb	Jan	Feb	Jan	Feb
Inputs of Metals and Non-Metallic Mineral products	FSQ8	7390333351	149.5r	151.5r	152.5	153.3p	154.7p	0.5	0.9	19.2	18.0
Cement, lime, plaster and articles of concrete, cement & plaster	GHGF	7390333375	125.9	128.7r	127.7	131.8p	134.2p	3.2	1.9	15.5	16.8
Glass, refractory clay, porcelain, ceramic and stone products	GHGH	7390333374	122.7	126.1r	124.9	128.2p	130.9p	2.6	2.1	13.4	15.1
Basic iron, steel & alloys, tubes, pipes, hollow profiles and fittings	GHGJ	7390333369	159.4r	162.0r	162.7	163.2p	166.6p	0.3	2.1	24.6	24.1
Other basic metals & casting	GHGL	7390333368	160.7r	163.9r	162.8	165.0p	168.2p	1.4	1.9	18.3	15.8
Weapons & ammunition	GHGN	7390254000	123.6	124.6	125.1	126.8p	128.4p	1.4	1.2	10.0	11.0
Fabricated metal products excluding weapons & ammunition	GHGP	7390333365	141.6r	144.3r	144.3	145.9p	146.9p	1.0	0.7	19.6	18.8
Inputs of Chemicals	FSQ7	7490333352	125.8r	128.4r	130.4	133.1p	134.0p	2.1	0.7	18.1	18.3
Paints, varnishes & coatings, printing inks & other mastics	GHFP	7390203000	130.2r	133.4r	135.4	138.9p	140.0p	2.6	0.7	19.7	19.4
Soap, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR	7390204000	119.8r	121.6r	122.3	124.4p	125.4p	1.6	0.8	12.2	13.1
Other chemical products	GHFT	7390205000	121.2r	123.7r	125.9	129.3p	129.5p	2.7	0.2	17.5	17.4
Industrial gases, inorganic chemicals, fertilisers & nitrogen compounds	GHFV	7390333378	138.8r	149.3r	147.7	154.0p	156.4p	4.3	1.6	32.6	34.0
Petrochemicals	GHFX	7390333377	139.1r	144.3r	145.9	149.9p	151.5p	2.8	1.1	29.2	28.8
Dyes & pigments; pesticides & other agro-chemical products	GHFZ	7390333376	131.0r	135.4r	135.4	139.8p	141.8p	3.3	1.5	20.6	20.7
Basic pharmaceutical products & pharmaceutical preparations	GHGB	7390210000	113.1r	114.4r	114.8	116.2p	116.7p	1.3	0.4	6.0	7.0
Rubber & plastic products	GHGD	7390220000	127.5r	130.5r	131.2	133.3p	134.2p	1.6	0.7	17.0	16.9
Other parts & equipment	FSQ9	7490333349	111.2r	111.7r	112.1	112.1p	112.9p	-	0.7	1.4	2.9
Computer, electronic & optical products	GHGR	7390260000	118.1	119.5	119.8	120.3p	120.9p	0.4	0.5	6.4	7.0
Electrical equipment	GHGT	7390270000	124.7r	126.0r	126.5	127.2p	128.2p	0.5	0.8	9.3	10.1
Machinery & equipment n.e.c	GHGV	7390280000	128.3	129.6	130.1	130.8p	131.5p	0.5	0.6	11.5	11.7
Motor vehicles, trailers & semi-trailers	GHGX	7390290000	121.2	122.4	122.8	123.1p	123.8p	0.2	0.6	7.5	8.1
Ships & boats	GHGZ	7390301000	127.6r	129.0	129.5	130.8p	131.5p	1.0	0.5	12.8	12.7
Aircraft, spacecraft & related machinery	GHHB	7390303000	128.5	129.8	130.4	130.2p	131.9p	-0.2	1.3	8.4	9.4
Other transport equipment	GHHD	7390333358	114.2r	115.1r	115.2	115.4p	116.6p	0.2	1.1	4.8	7.4
Other Inputs	FSQ6	7490111196	108.7r	109.0	109.1	109.3p	109.8p	0.2	0.4	0.8	1.1
Printing & recording services	GHFL	7390180000	116.3r	118.5r	118.7	120.8p	122.0p	1.7	1.0	12.4	13.3
Furniture	GHHF	7390310000	140.2	141.2	140.7	141.4p	141.4p	0.5	-	20.2	19.2
Other manufactured goods n.e.c	GHHH	7390320000	130.3r	132.1r	132.2	133.2p	134.1p	0.8	0.7	12.7	12.1
Repair & maintenance of ships and boats	GHHJ	7390331500	131.0r	132.4r	132.8	134.4p	134.9p	1.2	0.4	16.5	15.4
Repair & maintenance of aircraft and spaceships	GHHL	7390331600	115.7	116.3	116.5	116.0p	118.4p	-0.4	2.0	-0.8	1.4
Rest of repair and installation	GHHN	7390333355	120.6r	122.5r	121.8	122.6p	123.4p	0.7	0.6	10.7	10.8
Imported materials:											
Total Imports	GD74	8170111199	121.4r	122.9r	123.6	124.4p	126.2p	0.6	1.4	7.0	9.2

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

Source: Office for National Statistics

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