

Statistical bulletin

Producer price inflation, UK: April 2021

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 3.9% on the year to April 2021, up from positive growth of 2.3% in March 2021.
- The headline rate of input prices showed positive growth of 9.9% on the year to April 2021, up from positive growth of 6.4% in March 2021, this is the highest the rate has been since February 2017.
- Transport equipment, and metals and non-metallic minerals provided the largest upward contribution to the annual rate of output and input inflation respectively.

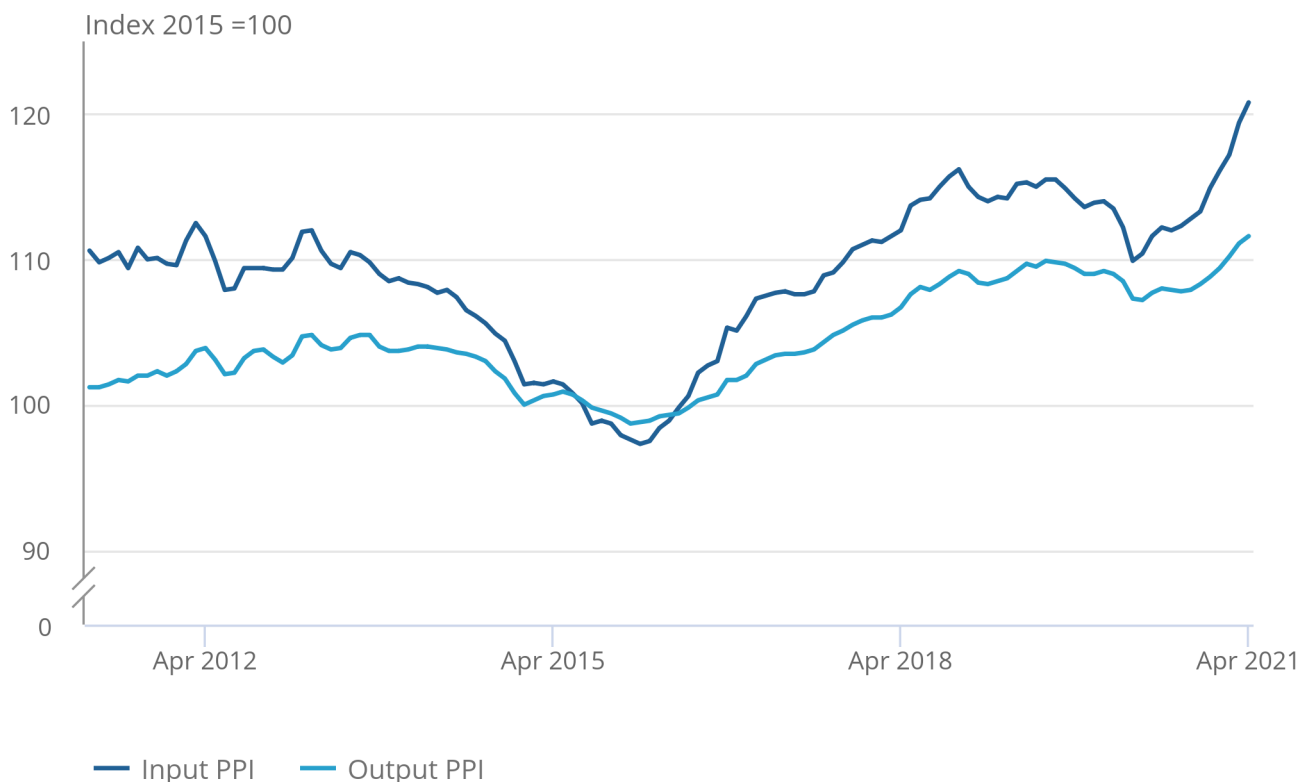
2 . Analysis

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

Input and output PPI, UK, April 2011 to April 2021

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

Input and output PPI, UK, April 2011 to April 2021



Source: Office for National Statistics - Producer Price Index

On the month, the rate of output inflation slowed to 0.4% in April 2021, down from 0.8% in March 2021 (Table 1).

Table 1: Output prices, index values, growth rates and percentage point change to the 12-month rate UK, April 2020 to April 2021

All manufactured products (GB7S)

	PPI Index (2015=100)	1- month rate	12- month rate	Change in the 12-month rate (percentage points)
2020 Apr	107.3	-1.1	-1.7	-1.5
May	107.2	-0.1	-2.2	-0.5
June	107.7	0.5	-1.7	0.5
July	108.0	0.3	-1.7	0.0
Aug	107.9	-0.1	-1.7	0.0
Sept	107.8	-0.1	-1.7	0.0
Oct	107.9	0.1	-1.4	0.3
Nov	108.3	0.4	-0.6	0.8
Dec	108.8	0.4	-0.2	0.4
2021 Jan	109.4	0.6	0.2	0.4
Feb	110.2	0.7	1.1	0.9
Mar	111.1	0.8	2.3	1.2
Apr	111.6	0.4	3.9	1.6

Source: Office for National Statistics - Producer price index

Notes

1. Rates may not correspond to index value changes due to rounding.

Transport Equipment provided the largest upward contribution of 1.82 percentage points to the annual rate (Figure 2) and had a positive annual price growth of 0.4% in April 2021 (Table 2).

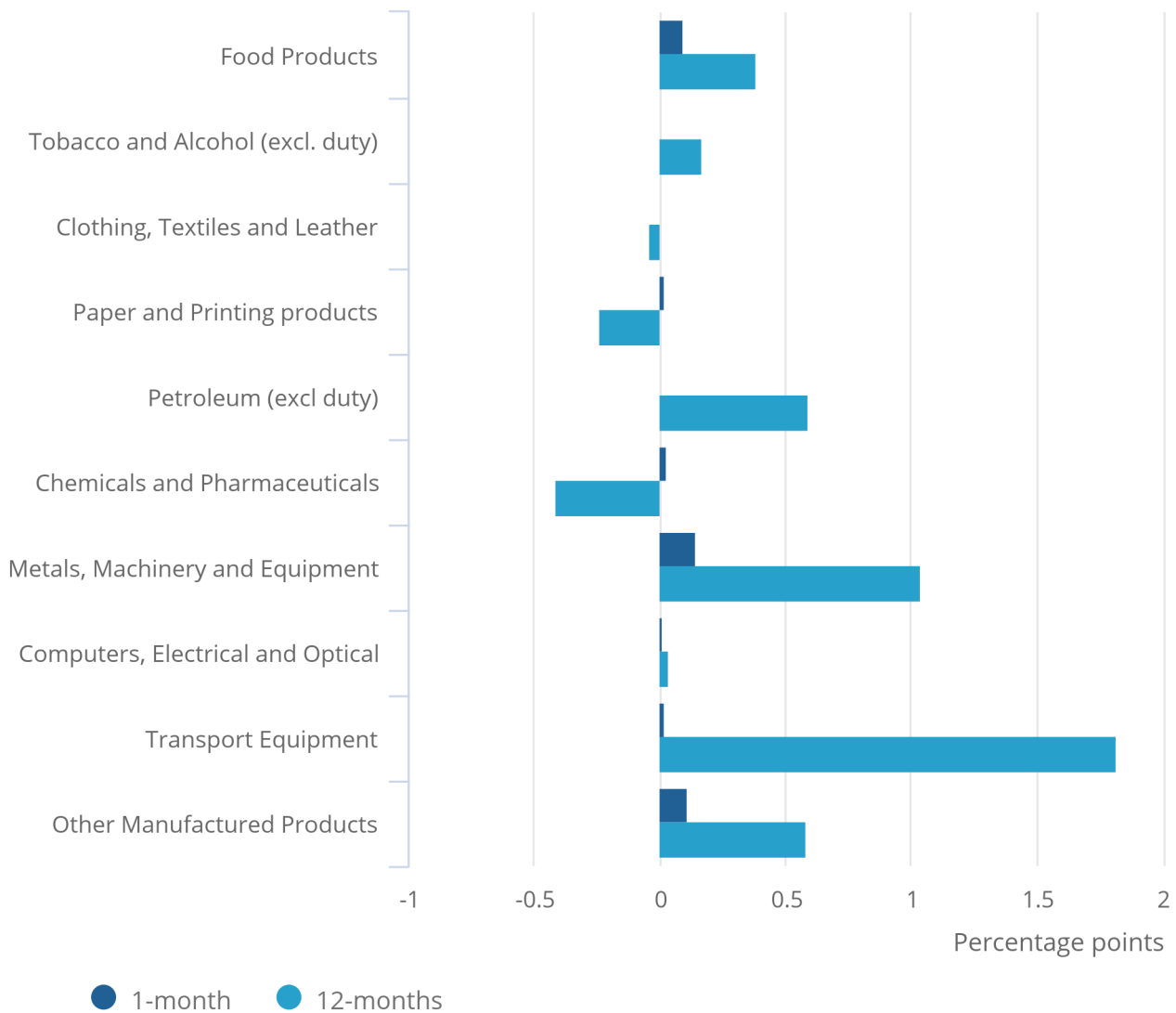
The upward contribution is mainly driven by weight changes in 2021. A 15.6% increase in weight for this category coupled with an increase in the annual growth rate has resulted in a large upward contribution to the headline rate.

Figure 2: Transport equipment provided the largest upward contribution to the annual rate

Output prices contribution to 1-month and 12-month growth rate, UK, April 2021

Figure 2: Transport equipment provided the largest upward contribution to the annual rate

Output prices contribution to 1-month and 12-month growth rate, UK, April 2021



Source: Office for National Statistics – Producer Price Index

Notes:

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

Table 2: Output prices, growth rates
UK, April 2021

Product group	Percentage Change	
	1-month rate	12-month rate
Food products	0.4	2.2
Tobacco and alcohol (excl. duty)	-0.1	4.0
Clothing, textile and leather	0.2	1.0
Paper and printing	0.3	0.7
Petroleum products (excl. duty)	0.0	50.3
Chemical and pharmaceutical	0.6	5.7
Metal, machinery and equipment	1.0	5.0
Computer, electrical and optical	0.4	1.6
Transport equipment	0.2	0.4
Other manufactured products	0.5	1.9
All manufacturing	0.4	3.9

Source: Office for National Statistics - Producer price index

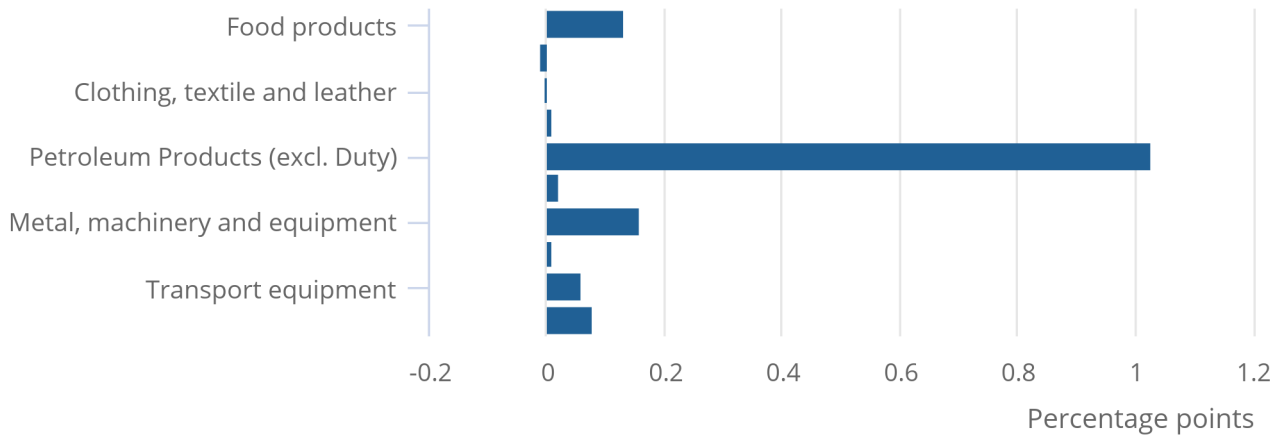
The annual rate of output inflation increased by 1.6 percentage points from 2.3% last month to 3.9% this month. Petroleum products had the highest annual growth rate of any component of output prices in April 2021, at 50.3% (Table 2). This was entirely driven by a base effect as there was no price movement on the month. In April 2020, prices for petroleum products fell by 23.5% as there was significant fall in demand in the market. More recently, prices have stabilised, and annual growth rates are higher than in recent months as they are now being compared with the exceptionally low prices at the beginning of the pandemic.

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

Output PPI, contribution to change in the annual rate, UK, April 2021

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

Output PPI, contribution to change in the annual rate, UK, April 2021



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.

On the month, the rate of input inflation slowed to 1.2% in April 2021, down from 1.9% in March 2021 (Table 3).

Table 3: Input prices, index values, growth rates and percentage point change to the 12-month rate UK, April 2020 to April 2021

All materials and fuels purchased (GHIP)

	PPI Index (2015=100)	1- month rate	12- month rate	Change in the 12-month rate (percentage points)
2020 Apr	109.9	-2.0	-4.7	-2.9
May	110.4	0.5	-4.3	0.4
June	111.6	1.2	-2.9	1.4
July	112.2	0.5	-2.9	0.0
Aug	112.0	-0.2	-3.0	-0.1
Sept	112.3	0.2	-2.3	0.7
Oct	112.8	0.5	-1.2	1.1
Nov	113.3	0.4	-0.3	0.9
Dec	114.9	1.4	0.9	1.2
2021 Jan	116.1	1.1	1.9	1.0
Feb	117.2	0.9	3.2	1.3
Mar	119.4	1.9	6.4	3.2
Apr	120.8	1.2	9.9	3.5

Source: Office for National Statistics - Producer price index

Notes

1. Rates may not correspond to index value changes due to rounding.

The annual rate of imported inputs was 5.6% in April 2021 (Table 4), up from 0.8% in March 2021.

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, April 2020 to April 2021

	Imported materials and fuels purchased (GD74)			Change in the 12-month rate (percentage points)	Sterling effective exchange rate - month average (BK67)		
	PPI Index (2015=100)	1-month rate	12-month rate		Sterling Index (Jan 2005=100)	1-month rate	12-month rate
2020 Apr	112.3	-3.3	-2.5	-4.4	78.1	1.7	-1.6
May	113.1	0.7	-2.3	0.2	77.1	-1.3	-2.0
June	113.7	0.5	-2.5	-0.2	76.9	-0.3	-0.3
July	114.6	0.8	-2.8	-0.3	76.9	0.0	1.2
Aug	114.2	-0.4	-4.4	-1.6	78.1	1.6	4.4
Sept	115.1	0.8	-2.5	1.9	77.2	-1.2	0.8
Oct	115.1	0.0	-1.1	1.4	77.4	0.3	-1.0
Nov	114.6	-0.4	-0.7	0.4	78.2	1.0	-1.8
Dec	115.8	1.1	1.0	1.7	78.0	-0.3	-3.2
2021 Jan	116.2	0.3	0.9	-0.1	79.0	1.3	-1.6
Feb	115.6	-0.5	0.1	-0.8	80.6	2.0	-0.1
Mar	117.0	1.2	0.8	0.7	81.7	1.4	6.4
Apr	118.6	1.4	5.6	4.8	81.3	-0.5	4.1

Source: Office for National Statistics - Producer price index; Bank of England - Sterling Exchange Rate

Notes

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

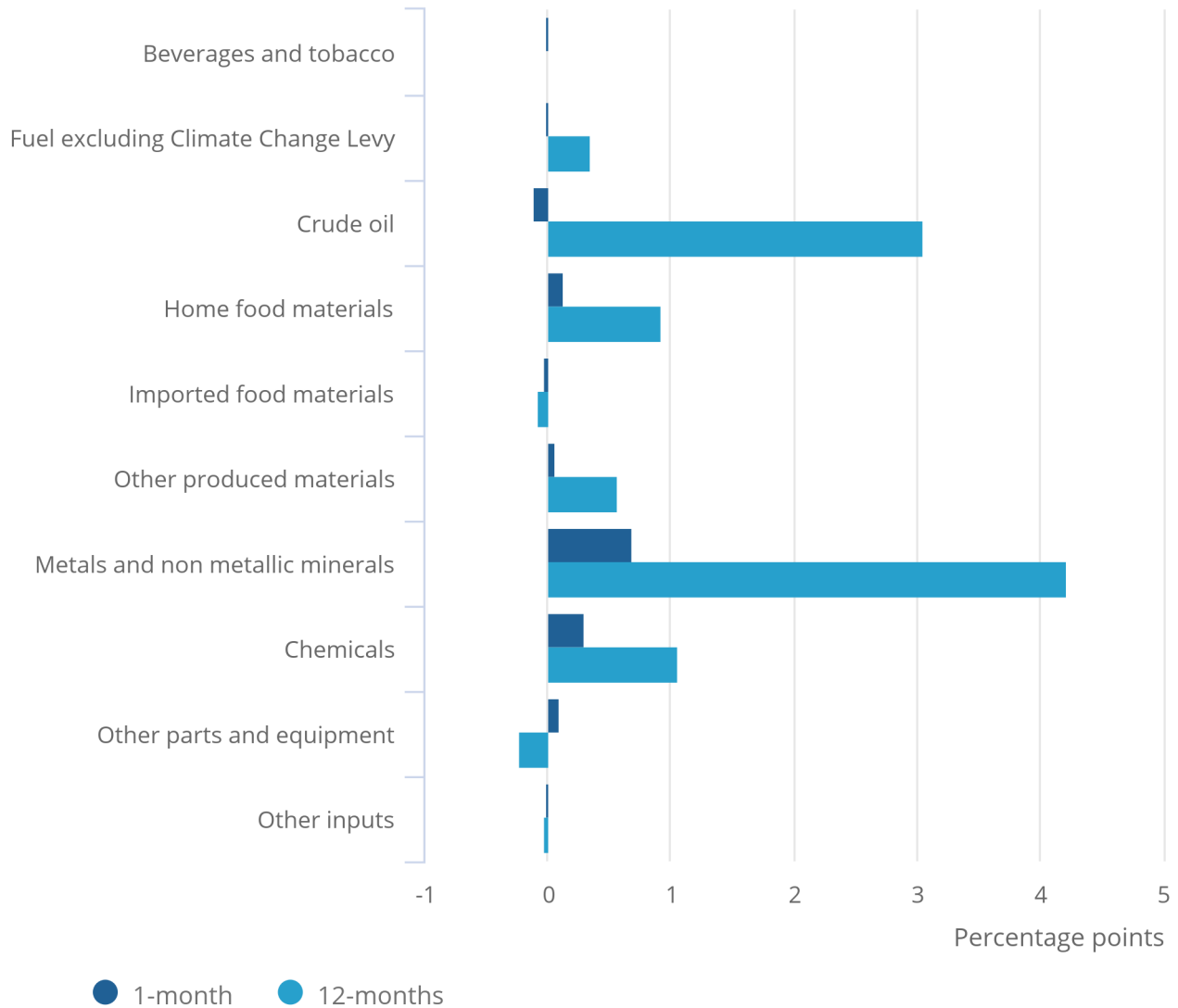
The largest upward contribution to the annual input inflation rate came from metals and non-metallic minerals, which contributed 4.23 percentage points (Figure 4) and had positive annual price growth of 18.2% in April 2021 (Table 5).

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

Input PPI, contribution to 1-month and 12-month growth rate, UK, April 2021

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

Input PPI, contribution to 1-month and 12-month growth rate, UK, April 2021



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, growth rates
UK, April 2021

Product group	Percentage change	
	1-month rate	12-month rate
Beverages and tobacco	0.0	3.1
Fuel excluding Climate Change Levy	-0.1	12.5
Crude oil	-2.2	121.2
Home food materials	0.9	5.5
Imported food materials	-0.6	-1.3
Other produced materials	0.7	6.1
Metals and non-metallic minerals	3.0	18.2
Chemicals	1.8	7.2
Other parts and equipment	0.5	-0.3
Other inputs	0.0	-0.5
All manufacturing	1.2	9.9

Source: Office for National Statistics - Producer price index

Notes

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

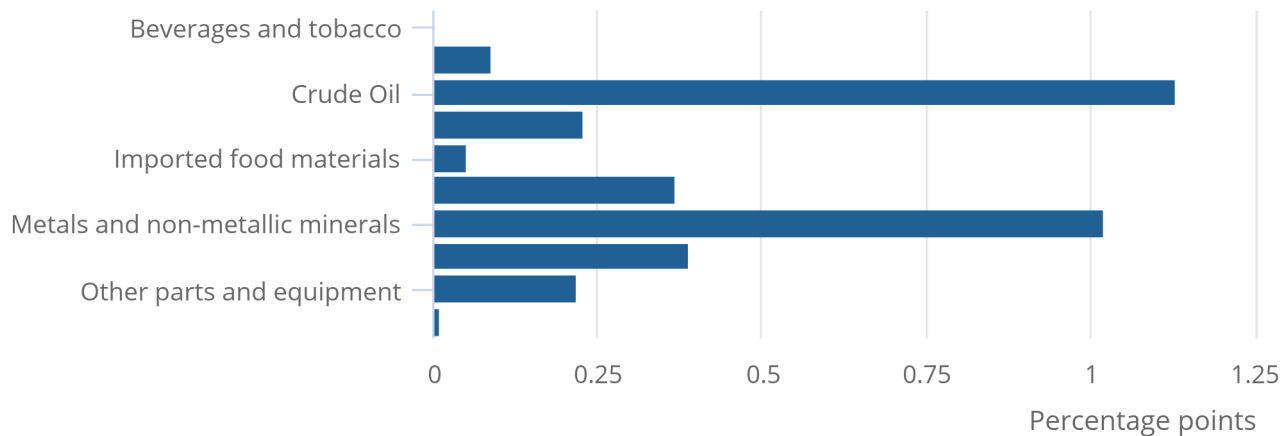
The annual input inflation rate increased by 3.5 percentage points from 6.4% last month to 9.9% this month. Crude oil had the highest annual growth rate of any component of input prices in April 2021, at 121.2% (Table 5). This was driven by a base effect as prices fell 2.2% on the month but fell by 32.4% between the same months last year. For further information regarding base effect and crude oil, please see [Section 4. Producer price inflation - input analysis](#) of the March 2021 Producer Price Index (PPI) bulletin.

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, April 2021

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, April 2021



Source: Office for National Statistics – Producer Price Index

Notes:

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

3 . Producer price inflation data

[Producer price inflation time series](#)

Dataset | Released 19 May 2021

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 19 May 2021

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

[Producer price inflation](#)

Dataset MM22 | Released 19 May 2021

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

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

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

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 report](#) and the [Services Producer Price Indices \(SPPI\) Quality and Methodology information report](#).

Other useful documentation for the Producer Price Index (PPI) and the Services Producer Price Index (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](#)

Input prices

Since moving to gross sector series, there had been a gap in the historical input price series between periods January 1996 and November 2008. The input series have now been compiled using component indices from the Supply Use Tables and Prodcom sales from 2005. This is done using the data that were best available for the periods in concern and has been through rigorous testing of methods prior to implementation. This series displays the best estimate of the UK's input PPI for periods prior to November 2011.

Sterling effective exchange rate

The sterling effective exchange rate measures changes in the strength of sterling relative to 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 transaction in the manufacture sector.

End of EU exit transition period

As the UK enters into a new Trade and Co-operation Agreement with the EU, the UK statistical system will continue to produce and publish our wide range of economic and social statistics and analysis. We are committed to continued alignment with the highest international statistical standards, enabling comparability both over time and internationally, and ensuring the general public, statistical users and decision-makers have the data they need to be informed.

As the shape of the UK's future statistical relationship with the EU becomes clearer over the coming period, the Office for National Statistics is making preparations to assume responsibilities that as part of our membership of the EU, and during the transition period, were delegated to the statistical office of the EU, Eurostat. This includes responsibilities relating to international comparability of economic statistics, deciding what international statistical guidance to apply in the UK context and to provide further scrutiny of our statistics and sector classification decisions.

In applying international statistical standards and best practice to UK economic statistics, we will draw on the technical advice of experts in the UK and internationally, and our work will be underpinned by the UK's well-established and robust framework for independent official statistics, set out in the Statistics and Registration Service Act 2007. Further information on our proposals will be made available later this year.

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 is 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 in April 2021

Response rates for the domestic (PPI) show an increase between March 2021 and April 2021, whereas the response rates for the export (Export Price Index) and import (Import Price Index) show a decrease between March 2021 and April 2021 (Table 6).

Table 6: Overall effective response rates at time of first publishing percentage, April 2020 to April 2021 (domestically consumed output from manufacturing)

	Weighted response		
	PPI (domestic)	IPI	EPI
April 2020	73.2	69.8	68.9
May 2020	74.6	57.7	54.4
June 2020	71.3	62.8	66.8
July 2020	74.2	69.8	65.4
August 2020	73.7	70.5	67.0
September 2020	77.6	74.0	68.7
October 2020	77.2	72.4	65.1
November 2020	77.5	74.7	68.4
December 2020	73.5	71.9	76.6
January 2021	74.8	70.7	58.7
February 2021	75.3	74.2	62.3
March 2021	73.9	75.5	65.4
April 2021	79.0	72.6	60.3

Source: Office for National Statistics - Producer Price weight changes

Effective response rates exclude items permanently not available for collection.

Links to additional ONS sources of coronavirus information

Various articles have been published that help describe the ONS response to how the 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: March 2021](#) (published 12 May 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 the coronavirus on the UK economy and population](#) are also available.

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

7 . 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.

[Construction output in Great Britain: new orders and Construction Output Price Indices](#)

Bulletin | Released quarterly

A summary of the Construction Output Price Indices (OPIs) in the UK.

[GDP monthly estimate, UK](#)

Bulletin | Released monthly

Gross domestic product (GDP) measures the value of goods and services produced in the UK.

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			6150888897		
	GB7S			GBBV			G6ST			GBA6		
2020 Oct	107.9	0.1	-1.4	110.4	0.3	0.6	90.4	-0.2	-35.0	106.7	-0.3	0.9
Nov	108.3	0.4	-0.6	110.5	0.1	0.9	95.2	5.3	-30.2	107.2	0.5	1.7
Dec	108.8r	0.4	-0.2	110.6	0.2	1.2	102.0	7.1	-25.0	107.3r	-	1.4
2021 Jan	109.4r	0.6	0.2	111.1	0.4	1.6	108.3	6.2	-21.1	107.8r	0.5	1.5
Feb	110.2	0.7	1.1	111.4	0.3	1.6	117.1	8.1	-7.9	108.4	0.6	1.9
Mar	111.1p	0.8	2.3	112.2p	0.7	2.0	124.5p	6.4	14.9	108.9p	0.4	1.9
Apr	111.6p	0.4	3.9	112.8p	0.5	2.5	124.6p	-	50.3	109.2p	0.3	2.3

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			6158888897			6148190000		
	GD73			GBA7			G6SU		
2020 Oct	107.9	0.1	-1.2	106.9	-0.3	0.8	96.0	-0.1	-17.5
Nov	108.2	0.3	-0.6	107.2	0.3	1.3	98.1	2.1	-14.8
Dec	108.6r	0.4	-0.2	107.5r	0.2	1.3	100.8	2.8	-12.4
2021 Jan	109.3r	0.6	0.3	108.0r	0.5	1.4	103.4	2.6	-10.6
Feb	110.0	0.6	1.1	108.6	0.6	1.8	107.0	3.5	-4.0
Mar	110.9p	0.8	2.3	108.9p	0.3	1.8	110.1p	2.9	6.0
Apr	111.3p	0.4	3.7	109.3p	0.3	2.3	110.2p	0.1	18.4

Source: Office for National Statistics

p = provisional
r = revised

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

2015=100, CPA 2.1

	All manufacturing (materials and fuel purchased)			All Manufacturing (materials and fuel purchased) excluding food, beverages, tobacco & petroleum			Materials purchased by manufacturing industry			Fuels purchased by manufacturing industry		
	Index (2015=100)	percentage change over		Index (2015=100)	percentage change over		Index (2015=100)	percentage change over		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		
2020 Oct	112.8	0.5	-1.2	114.3	0.5	0.7	112.7	0.2	-1.3	117.0	7.3	3.6
Nov	113.3	0.4	-0.3	114.3	-	1.7	113.2	0.5	-0.3	116.5	-0.4	-1.6
Dec	114.9r	1.4	0.9	115.5	1.0	3.0	114.6	1.2	0.8	124.0	6.5	1.7
2021 Jan	116.1	1.1	1.9	116.6r	0.9	3.8	115.9	1.2	1.9	123.3	-0.6	2.0
Feb	117.2	0.9	3.2	117.2	0.6	4.0	117.0	0.9	3.2	124.2	0.7	4.9
Mar	119.4p	1.9	6.4	119.5p	1.9	5.2	119.2p	1.9	6.3	125.2p	0.8	9.3
Apr	120.8p	1.2	9.9	121.3p	1.5	7.6	120.6p	1.2	9.8	125.1p	-0.1	12.4

Source: Office for National Statistics

¹ The Climate Change Levy was introduced in April 2001.

p = provisional
r = revised

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

		2015=100, CPA 2.1									
		2020	2021	2021	2021	2021	Percentage change		Percentage change		
		Dec	Jan	Feb	Mar	Apr	1 month		12 months		
							2021	2021	2021	2021	
							Mar	Apr	Mar	Apr	
Gross Sector											
Output of manufactured products	GB7S 6158333333	108.8r	109.4r	110.2	111.1p	111.6p	0.8	0.4	2.3	3.9	
All manufacturing, excluding food, beverages, tobacco and petroleum	GBBV 6150333390	110.6	111.1	111.4	112.2p	112.8p	0.7	0.5	2.0	2.5	
<hr/>											
Food products, beverages and tobacco, excluding duty	GBA6 6150888897	107.3r	107.8r	108.4	108.9p	109.2p	0.4	0.3	1.9	2.3	
Food products	G6SI 6140100000	106.7r	107.2	107.9	108.1p	108.5p	0.1	0.4	1.6	2.2	
Alcoholic beverages, excluding duty	G6SJ 6140110000	107.6r	107.9r	108.6	110.6p	110.6p	1.9	-	3.2	3.3	
Soft drinks, mineral waters and other bottled waters	EVPU 6120110700	104.1r	104.1r	105.1	105.0p	105.2p	-0.1	0.2	1.4	2.1	
Textiles	G6SN 6140130000	106.7	106.8	106.8	107.0p	107.3p	0.1	0.3	1.2	1.4	
Wearing apparel	G6SO 6140140000	106.7	106.7	106.7	106.7p	106.7p	-	-	-0.1	-0.1	
Leather and related products	G6SP 6140150000	103.0	103.0	103.0	103.0p	102.7p	-	-0.3	0.1	-0.2	
Wood and products of wood and cork, except furniture	G6SQ 6140160000	116.1r	118.1	119.3	120.6p	121.1p	1.0	0.4	7.4	7.9	
Paper and paper products	G6SR 6140170000	106.5	106.1	106.3	106.9p	107.5p	0.6	0.6	0.1	0.6	
Printing and recording services	G6SS 6140180000	102.5	103.3	103.4	103.4p	103.4p	-	-	0.9	0.9	
Coke and refined petroleum products, excluding duty	G6ST 6140190000	102.0	108.3	117.1	124.5p	124.6p	6.4	-	14.9	50.3	
Chemicals and chemical products	G6SV 6140200000	113.4r	114.7r	115.2	116.8p	117.6p	1.3	0.7	6.8	7.5	
Basic pharmaceutical products and pharmaceutical preparations	G6SW 6140210000	107.2r	106.7	106.3	105.8p	105.8p	-0.4	-	-0.3	-0.4	
Rubber and plastic products	G6SX 6140220000	110.1r	110.4r	110.9	111.5p	113.4p	0.6	1.7	3.1	4.9	
Other non-metallic mineral products	G6SY 6140230000	110.4	111.2r	111.6	111.6p	111.7p	-	0.1	1.3	0.3	
Basic metals	G6SZ 6140240000	128.0r	131.1r	135.7	147.2p	154.6p	8.5	5.0	17.8	23.7	
Fabricated metal products, except machinery and equipment	G6T3 6140250000	112.5	112.9	113.3	114.0p	114.0p	0.6	-	1.6	1.7	
Computer, electronic and optical products	G6T5 6140260000	105.6	105.5r	105.6	105.6p	105.9p	0.1	0.2	-0.5	-0.3	
Electrical equipment	G6VF 6140270000	110.1	110.9	111.3	111.3p	112.0p	-	0.6	3.2	3.6	
Machinery and equipment n.e.c.	G6VG 6140280000	106.9	107.3	107.5	107.9p	108.2p	0.4	0.3	0.5	0.8	
Motor vehicles, trailers and semi-trailers	G6WH 6140290000	108.6	109.0r	108.9	108.9p	109.2p	-	0.3	0.7	1.2	
Other transport equipment	G72N 6140300000	113.4	113.9	113.8	113.8p	113.4p	-	-0.3	-0.6	-0.8	
Furniture	G75I 6140310000	108.3	108.8	108.4	108.8p	109.0p	0.4	0.2	1.2	1.5	
Other manufactured goods	G776 6140320000	104.8	100.4r	101.4	101.4p	101.2p	-	-0.1	-4.2	-3.5	
Repair and installation services of machinery and equipment	G777 6140330000	111.9	111.7	111.6	112.3p	112.3p	0.6	0.1	-1.0	-0.9	

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		
		2020 Dec	2021 Jan	2021 Feb	2021 Mar	2021 Apr	2021 Mar	2021 Apr	2021 Mar	2021 Apr	
Gross sector											
Other mining & quarrying products	GHEA	7390080000	112.9	113.4	114.1	114.0p	114.7p	-0.1	0.6	2.8	5.2
Manufacture of food products, beverages, tobacco	GHHV	7390888897	114.3	114.3r	115.1	115.3p	116.0p	0.1	0.7	2.9	4.5
Preserved meat & meat products	GHEF	7390101000	115.4r	115.9	117.0	117.5p	117.6p	0.4	0.1	3.6	4.5
Fish, crustaceans, molluscs, fruit & vegetables	GHEH	7390333387	117.9r	113.5	115.3	113.5p	117.9p	-1.6	3.9	-	6.3
Vegetable & animal oils & fats	GHEJ	7390104000	127.5	125.6r	125.6	124.9p	125.1p	-0.6	0.2	6.5	8.3
Dairy products	GHEL	7390105000	119.7	120.8	122.1	122.7p	123.1p	0.5	0.3	5.7	6.8
Grain mill products, starches & starch products	GHEN	7390106000	115.7	116.0	116.6	116.8p	117.0p	0.2	0.2	4.2	5.0
Bakery & farinaceous products	GHEP	7390107000	110.4	110.9	111.3	111.5p	112.1p	0.2	0.5	2.5	3.7
Other food products	GHER	7390108000	109.2	109.3	109.5	109.6p	110.2p	0.1	0.6	0.7	2.0
Animal feeds	GHET	7390109000	115.4	116.2	117.1	117.4p	117.6p	0.3	0.1	4.2	5.2
Alcoholic Beverages	GHEV	7390333384	111.2r	111.8r	112.3	113.2p	113.3p	0.8	0.1	3.2	3.7
Soft drinks; mineral waters & other bottled waters	GHEX	7390110700	108.5	108.7	109.1	109.4p	110.2p	0.3	0.7	1.7	2.6
Tobacco products	GHEZ	7390120000	116.7	117.3	118.5	119.3p	119.5p	0.6	0.2	5.2	6.5
Manufacture of textiles & textile products; clothing	GHHW	7390888895	110.3	110.4	110.2	110.5p	111.2p	0.3	0.6	1.8	2.7
Textiles	GHFB	7390130000	110.7	110.9	110.8	111.3p	112.1p	0.5	0.7	2.4	3.6
Wearing apparel	GHFD	7390140000	109.7r	109.5	109.0	109.0p	109.5p	0.1	0.4	0.5	1.2
Manufacture of leather & related products	GHFF	7390150000	109.1r	109.0r	108.8	109.3p	109.9p	0.5	0.5	0.6	1.6
Manufacture of wood & wood products	GHFH	7390160000	119.1r	120.6r	121.4	122.5p	123.6p	0.9	0.8	4.6	6.5
Manufacture of pulp, paper & paper products, recording media & printing services	GHHZ	7390888892	109.6r	109.6	109.8	110.4p	111.1p	0.5	0.6	1.3	2.4
Pulp, paper & paper products	GHFJ	7390170000	111.3	111.2	111.4	112.0p	112.8p	0.5	0.7	1.3	2.8
Printing & recording services	GHFL	7390180000	107.5	107.4r	107.7	108.3p	108.8p	0.5	0.5	1.2	1.8
Manufacture of coke & refined petroleum products	GHFN	7390190000	109.3	118.2	124.8	134.4p	132.0p	7.7	-1.8	44.0	97.9
Manufacture of chemicals, chemical products & man-made fibres	GHIB	7390888890	113.5	114.9r	115.7	117.6p	119.5p	1.6	1.6	7.1	10.4
Paints, varnishes & similar coatings, printing ink & mastics	GHFP	7390203000	115.2r	116.7r	117.8	119.4p	121.2p	1.4	1.5	7.3	9.4
Soaps, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR	7390204000	110.9r	110.8r	110.8	111.5p	112.5p	0.6	0.9	1.6	2.7
Other chemical products	GHFT	7390205000	110.0r	110.3r	110.6	112.1p	113.6p	1.4	1.3	3.2	4.9
Industrial gases; other basic inorganic chemicals; fertilisers & nitrogen compounds	GHFV	7390333378	114.3	115.6	115.4	116.4p	117.5p	0.8	1.0	5.9	7.9
Petrochemicals & man made fibres	GHFX	7390333377	114.5	116.8r	118.1	120.9p	123.6p	2.4	2.2	10.3	15.5
Dyes & pigments; pesticides & other agrochemical products	GHFZ	7390333376	114.3	116.1	117.4	118.5p	119.5p	0.9	0.9	6.4	9.3
Manufacture of basic pharmaceutical products & pharmaceutical preparations	GHGB	7390210000	109.5r	109.5r	109.1	109.3p	109.9p	0.2	0.5	0.6	1.6
Manufacture of rubber & plastic products	GHGD	7390220000	113.6	114.4	115.1	116.7p	118.7p	1.4	1.7	5.9	8.2
Manufacture of cement, lime & plaster	GHGF	7390333375	113.2r	114.2r	114.8	115.4p	116.4p	0.4	0.9	3.8	5.7
Manufacture of glass, refractory, clay, other porcelain, ceramic stone products	GHGH	7390333374	112.6	113.1	113.5	113.4p	114.1p	-0.2	0.7	2.1	4.1
Manufacture of basic metals & fabricated products	GHIF	7390888884	123.7	127.2r	129.8	136.2p	140.1p	5.0	2.8	14.0	19.1
Basic iron, steel & alloys: tubes, pipes, hollow profiles	GHGJ	7390333369	126.2r	131.2r	132.9	141.0p	146.3p	6.1	3.7	15.5	21.5
Other basic metals & casting	GHGL	7390333368	132.4	139.6	145.6	156.0p	161.3p	7.2	3.4	27.0	36.6
Weapons & ammunition	GHGN	7390254000	114.7r	115.3r	115.7	117.0p	117.8p	1.2	0.6	2.8	3.8
Fabricated metal products, excluding machinery & equipment & weapons & ammunition	GHGP	7390333365	120.3	122.1	123.9	128.8p	131.9p	3.9	2.4	9.4	13.0
Manufacture of computer, electronic & optical products, electrical equipment	GHIG	7390888883	114.0	114.6	115.0	116.6p	118.0p	1.4	1.2	3.3	5.2
Computer, electronic & optical products	GHGR	7390260000	112.7	113.0r	113.3	114.5p	115.6p	1.1	0.9	2.2	3.8
Electrical equipment	GHGT	7390270000	115.5	116.4	116.9	118.9p	120.7p	1.7	1.5	4.5	6.7
Manufacture of machinery & equipment n.e.c	GHGV	7390280000	116.3	117.4	117.9	120.7p	122.6p	2.4	1.6	4.8	7.3
Manufacturing of motor vehicles & other transport equipment	GHII	7390888881	115.3	116.1r	116.4	118.3p	120.0p	1.6	1.5	3.5	5.7
Motor vehicles, trailers & semi trailers	GHGX	7390290000	113.9	114.5r	114.6	116.0p	117.6p	1.3	1.4	3.0	5.1
Ships & boats	GHGZ	7390301000	115.2	116.1r	116.9	119.3p	121.0p	2.1	1.5	4.6	6.5
Aircraft & spacecraft & related machinery	GHHB	7390303000	118.9	120.1	120.9	123.8p	125.9p	2.4	1.7	4.4	7.0
Other transport equipment	GHHD	7390333358	109.7	110.0	110.1	111.3p	112.3p	1.1	0.9	1.9	3.2
Manufacture of other manufactured goods n.e.c	GHIJ	7390888880	116.6	118.1	119.3	121.9p	123.8p	2.2	1.6	7.3	9.8
Furniture	GHHF	7390310000	116.4	117.9	118.8	120.6p	122.1p	1.6	1.3	6.4	8.3
Other manufacturing	GHHH	7390320000	116.8	118.3	119.8	123.0p	125.2p	2.7	1.8	7.9	11.0
Repair of maintenance of ships & boats	GHHJ	7390331500	114.4	115.4r	117.1	121.2p	123.9p	3.5	2.2	6.9	9.6
Repair & maintenance services of aircraft & spacecraft	GHHL	7390331600	117.1	117.0	116.8	117.1p	117.2p	0.2	0.1	-2.5	-2.2
Other repair; installation	GHHN	7390333355	110.0	110.8	111.9	113.8p	114.7p	1.7	0.8	3.9	6.2

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									
		2020	2021	2021	2021	2021	Percentage change		Percentage change		
		Dec	Jan	Feb	Mar	Apr	1 month		12 months		
							2021	2021	2021	2021	
							Mar	Apr	Mar	Apr	
Fuel excl. CCL	FSQ3 7490222295	124.1	124.5r	124.5	125.2p	125.1p	0.6	-0.1	9.3	12.5	
Mining of coal & lignite exc CCL	GHDW 7390050000	107.3	112.2r	111.0	110.7p	111.4p	-0.2	0.6	-0.6	5.0	
Electricity excl. CCL	GHHP 7390351000	125.4	125.4r	126.2	127.8p	127.6p	1.3	-0.1	10.9	15.0	
Gas excl. CCL	GHRH 7390444499	109.4r	112.5	113.3	114.5p	113.4p	1.1	-1.0	11.7	20.8	
Crude Oil	FSQ4 7490444498	109.4	119.4	126.6	137.1p	134.1p	8.3	-2.2	52.8	121.2	
Domestic crude oil & metal ores	GGT3 7190222295	111.0	121.3	126.9	138.4p	135.3p	9.0	-2.2	60.1	126.3	
Imported crude oil & metal ores	GHBV 7290222295	106.5	116.1	126.2	134.9p	132.0p	7.0	-2.2	40.9	112.4	
Home produced food:	FSP7 7190351000	113.7	113.8r	115.2	115.3p	116.3p	-	0.9	4.0	5.5	
Products of agriculture, hunting and related services	GGO7 7190010000	125.0	126.4r	128.9	129.7p	130.2p	0.6	0.3	8.8	9.8	
Fish & other fish products	GG8S 7190030000	125.2r	106.2r	111.9	103.0p	120.8p	-8.0	17.3	-8.2	15.5	
Preserved meat and meat products	GH2M 7190101000	102.1	102.4	103.4	103.8p	104.1p	0.3	0.4	0.8	1.4	
Processed fish & fish products; fruit & vegetables	GH7R 7190333387	107.1	106.8	108.5	108.5p	109.7p	-	1.2	1.4	2.6	
Vegetable & animal oils and fats	GH7S 7190104000	119.1	116.8r	117.7	117.5p	118.3p	-0.2	0.7	2.2	3.1	
Dairy products	GH8A 7190105000	114.1	117.2	118.1	118.4p	119.2p	0.2	0.7	4.3	4.9	
Grain mill products, starches and starch products	GH8B 7190106000	110.8	112.5	112.9	112.9p	113.1p	-	0.1	5.2	5.2	
Bakery and Farinaceous products	GH8C 7190107000	107.0r	106.9r	107.5	107.5p	107.5p	-	-	0.7	0.8	
Other Food products	GH8L 7190108000	101.6	101.7r	101.6	101.5p	101.8p	-0.1	0.3	-	0.3	
Prepared animal feeds	GH98 7190109000	116.3	117.8	117.9	118.3p	118.1p	0.3	-0.2	3.7	4.6	
Imported food materials	FSP9 7490333354	123.3	122.7	119.8	119.5p	118.7p	-0.2	-0.6	-3.1	-1.3	
Agricultural crop products	GHBQ 7290010000	120.2	120.9	118.6	116.5p	110.7p	-1.8	-4.9	-0.5	-2.3	
Fish & fish products	GHBS 7290030000	128.1	129.0	126.9	126.9p	127.1p	-	0.2	-0.9	-0.4	
Meat & meat products	GHBX 7290101000	117.1r	115.7	113.3	113.5p	115.7p	0.1	2.0	-13.1	-10.2	
Processed fish & fish products, fruit & vegetables	GHBY 7290333387	116.1r	114.1	112.4	111.9p	113.0p	-0.4	1.0	-7.5	-5.4	
Vegetable & animal oils & fats	GHBZ 7290104000	168.1	165.0	162.1	158.9p	157.8p	-2.0	-0.7	20.2	23.7	
Dairy products	GHCA 7290105000	91.3	91.0	90.8	91.4p	102.4p	0.7	12.0	-3.7	6.2	
Grain mill products & starches	GHCB 7290106000	128.2	126.6	124.5	124.0p	125.5p	-0.4	1.3	-3.3	-0.3	
Bakery & farinaceous products	GHCC 7290107000	126.0	124.1	121.3	119.7p	121.3p	-1.4	1.3	-3.2	0.2	
Other food products	GHCD 7290108000	134.9	134.4	132.0	131.4p	132.1p	-0.5	0.5	-2.4	3.0	
Prepared animal feeds	GHCE 7290109000	121.5	119.8	120.9	120.1p	120.2p	-0.6	0.1	-5.1	-3.9	
Other home produced materials	FSQ2 7490333353	110.7	111.6	112.4	113.4p	114.1p	0.9	0.7	2.5	6.1	
Forestry products	GGP2 7190020000	149.3	149.3	149.3	149.3p	149.3p	-	-	-5.1	-	
Other mining & quarrying products exc agg	GH2L 7190080000	114.9	114.8	115.1	111.4p	113.0p	-3.3	1.4	1.4	2.9	
Textiles	GHAE 7190130000	106.7	106.8	106.8	107.0p	107.3p	0.1	0.3	1.2	1.4	
Wearing Apparel	GHAF 7190140000	106.7	106.7	106.7	106.7p	106.7p	-	-	-0.1	-0.1	
Leather and related products	GHAG 7190150000	103.0	103.0	103.0	103.0p	102.7p	-	-0.3	0.1	-0.2	

Wood and products of wood and cork, exc furniture	GHAH	7190160000	116.1r	118.1	119.3	120.6p	121.1p	1.0	0.4	7.4	7.9
Paper and paper products	GHAI	7190170000	106.5	106.1	106.3	106.9p	107.5p	0.6	0.6	0.1	0.6
Coke & refined petroleum products	GHAK	7190190000	102.0	108.3	117.1	124.5p	124.6p	6.4	-	14.9	50.3
Water collection, treatment & supply	GHBP	7190360000	104.5	104.5	104.5	104.5p	104.5p	-	-	-0.6	-0.6

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									
		2020	2021	2021	2021	2021	Percentage change 1 month		Percentage change 12 months		
		Dec	Jan	Feb	Mar	Apr	2021 Mar	2021 Apr	2021 Mar	2021 Apr	
Inputs of Metals and Non-Metallic Mineral products	FSQ8 7390333351	125.5	128.7	131.4	138.4p	142.6p	5.3	3.0	13.6	18.2	
Cement, lime, plaster and articles of concrete, cement & plaster	GHGF 7390333375	113.2r	114.2r	114.8	115.4p	116.4p	0.4	0.9	3.8	5.7	
Glass, refractory clay, porcelain, ceramic and stone products	GHGH 7390333374	112.6	113.1	113.5	113.4p	114.1p	-0.2	0.7	2.1	4.1	
Basic iron, steel & alloys, tubes, pipes, hollow profiles and fittings	GHGJ 7390333369	126.2r	131.2r	132.9	141.0p	146.3p	6.1	3.7	15.5	21.5	
Other basic metals & casting	GHGL 7390333368	132.4	139.6	145.6	156.0p	161.3p	7.2	3.4	27.0	36.6	
Weapons & ammunition	GHGN 7390254000	114.7r	115.3r	115.7	117.0p	117.8p	1.2	0.6	2.8	3.8	
Fabricated metal products excluding weapons & ammunition	GHGP 7390333365	120.3	122.1	123.9	128.8p	131.9p	3.9	2.4	9.4	13.0	
Inputs of Chemicals	FSQ7 7490333352	112.1	113.1	113.5	114.8p	116.9p	1.2	1.8	5.1	7.2	
Paints, varnishes & coatings, printing inks & other mastics	GHFP 7390203000	115.2r	116.7r	117.8	119.4p	121.2p	1.4	1.5	7.3	9.4	
Soap, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR 7390204000	110.9r	110.8r	110.8	111.5p	112.5p	0.6	0.9	1.6	2.7	
Other chemical products	GHFT 7390205000	110.0r	110.3r	110.6	112.1p	113.6p	1.4	1.3	3.2	4.9	
Industrial gases, inorganic chemicals, fertilisers & nitrogen compounds	GHFV 7390333378	114.3	115.6	115.4	116.4p	117.5p	0.8	1.0	5.9	7.9	
Petrochemicals	GHFX 7390333377	114.5	116.8r	118.1	120.9p	123.6p	2.4	2.2	10.3	15.5	
Dyes & pigments; pesticides & other agro-chemical products	GHFZ 7390333376	114.3	116.1	117.4	118.5p	119.5p	0.9	0.9	6.4	9.3	
Basic pharmaceutical products & pharmaceutical preparations	GHGB 7390210000	109.5r	109.5r	109.1	109.3p	109.9p	0.2	0.5	0.6	1.6	
Rubber & plastic products	GHGD 7390220000	113.6	114.4	115.1	116.7p	118.7p	1.4	1.7	5.9	8.2	
Other parts & equipment	FSQ9 7490333349	110.6	110.4	109.9	109.7p	110.2p	-0.2	0.5	-1.3	-0.3	
Computer, electronic & optical products	GHGR 7390260000	112.7	113.0r	113.3	114.5p	115.6p	1.1	0.9	2.2	3.8	
Electrical equipment	GHGT 7390270000	115.5	116.4	116.9	118.9p	120.7p	1.7	1.5	4.5	6.7	
Machinery & equipment n.e.c	GHGV 7390280000	116.3	117.4	117.9	120.7p	122.6p	2.4	1.6	4.8	7.3	
Motor vehicles, trailers & semi-trailers	GHGX 7390290000	113.9	114.5r	114.6	116.0p	117.6p	1.3	1.4	3.0	5.1	
Ships & boats	GHGZ 7390301000	115.2	116.1r	116.9	119.3p	121.0p	2.1	1.5	4.6	6.5	
Aircraft, spacecraft & related machinery	GHHB 7390303000	118.9	120.1	120.9	123.8p	125.9p	2.4	1.7	4.4	7.0	
Other transport equipment	GHHD 7390333358	109.7	110.0	110.1	111.3p	112.3p	1.1	0.9	1.9	3.2	
Other Inputs	FSQ6 7490111196	108.9r	108.5	108.6	108.9p	108.9p	0.3	-	-0.7	-0.5	
Printing & recording services	GHFL 7390180000	107.5	107.4r	107.7	108.3p	108.8p	0.5	0.5	1.2	1.8	
Furniture	GHHF 7390310000	116.4	117.9	118.8	120.6p	122.1p	1.6	1.3	6.4	8.3	
Other manufactured goods n.e.c	GHHH 7390320000	116.8	118.3	119.8	123.0p	125.2p	2.7	1.8	7.9	11.0	
Repair & maintenance of ships and boats	GHHJ 7390331500	114.4	115.4r	117.1	121.2p	123.9p	3.5	2.2	6.9	9.6	
Repair & maintenance of aircraft and spaceships	GHHL 7390331600	117.1	117.0	116.8	117.1p	117.2p	0.2	0.1	-2.5	-2.2	
Rest of repair and installation	GHHN 7390333355	110.0	110.8	111.9	113.8p	114.7p	1.7	0.8	3.9	6.2	
Imported materials:											
Total Imports	GD74 8170111199	115.8	116.2r	115.6	117.0p	118.6p	1.2	1.4	0.8	5.6	

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		
2020 Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	0.2	0.1	0.2	-	-	-
2021 Jan	0.1	-0.1	0.1	-	-0.1	-
Feb	0.1	-	0.2	-0.1	-	-0.1
Mar	0.5	0.3	0.4	0.3	0.3	0.3

Source: Office for National Statistics

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