

Statistical bulletin

Producer price inflation, UK: July 2024

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

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1. Main points

- Producer input prices rose by 0.4% in the year to July 2024, compared with a revised annual growth rate of 0.0% in June 2024.
- Producer output (factory gate) prices rose by 0.8% in the year to July 2024, down from a revised increase of 1.0% in the year to June 2024.
- On a monthly basis, producer input prices fell by 0.1%, while output (factory gate) prices saw no change in July 2024.

2. Producer price inflation rates

Producer input prices rose by 0.4% in the year to July 2024, compared with a revised annual growth rate of 0.0% in June 2024. Monthly input prices fell by 0.1% in July 2024, following a revised fall of 0.4% in June (Table 1).

Producer output (factory gate) prices rose by 0.8% in the year to July 2024. This is down from a revised increase of 1.0% in the year to June. Monthly output prices saw no movement in July 2024. This is up from a revised fall of 0.7% in June (Table 1).

Estimates for both June and July 2024 are provisional. Figures for the latest 12 months are subject to revisions as additional survey data are returned and validated. Effective response rates at the time of first publishing can be found in <u>Section 7: Data sources and quality</u>.

Because of rounding, inflation rates in this bulletin may not correspond to index value changes and contributions to the rate may not add up to the rate exactly.

Table 1: Producer prices, index values and inflation rates UK, July 2023 to July 2024

		All materials	and fuels purcl	hased (GHIP)	All manufac	ctured product	s (GB7S)
		Input PPI (2015=100)	Monthly inflation rate (%)	Annual inflation rate (%)	Output PPI (2015=100)	Monthly inflation rate (%)	Annual inflation rate (%)
	July	147.3	-0.5	-3.2	135.5	0.3	-0.5
	Aug	148.8	1.0	-1.7	135.9	0.3	-0.2
2023	Sept	149.4	0.4	-2.3	136.6	0.5	0.3
2023	Oct	150.1	0.5	-2.7	136.9	0.3	-0.4
	Nov	149.4	-0.5	-2.9	136.9	0.0	-0.2
	Dec	148.8	-0.4	-2.2	136.3	-0.4	0.1
	Jan	148.3	-0.3	-2.8	136.5	0.1	-0.2
	Feb	148.7	0.3	-2.1	136.8	0.2	0.5
	Mar	148.3	-0.3	-2.5	137.1	0.2	0.6
2024	Apr	149.6	0.8	-1.4	137.4	0.2	1.0
	May	148.5	-0.7	-0.8	137.5	0.0	1.7
	June	148.0	-0.4	0.0	136.6	-0.7	1.0
	July	147.9	-0.1	0.4	136.6	0.0	8.0

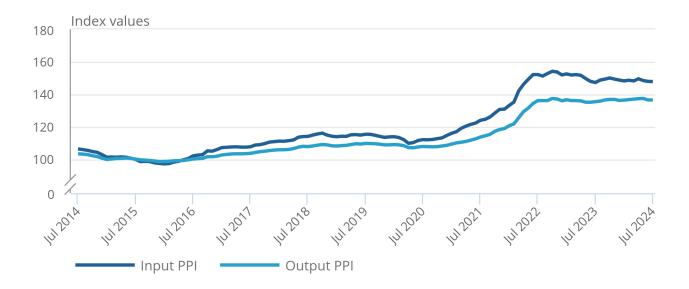
Source: Producer Price Index (PPI) from the Office for National Statistics

Figure 1: Input PPI fell slightly while output PPI stayed the same in July 2024

Input and output Producer Price Index (PPI) values, UK, July 2014 to July 2024

Figure 1: Input PPI fell slightly while output PPI stayed the same in July 2024

Input and output Producer Price Index (PPI) values, UK, July 2014 to July 2024



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

3. Input producer price inflation

Of the 10 product groups for the input Producer Price Index (PPI), 6 made upward contributions to the annual inflation rate in July 2024. The largest of these came from inputs of "Crude petroleum and natural gas; metal ores", and "Food (domestic)", which contributed 0.63 and 0.48 percentage points, respectively (Figure 2).

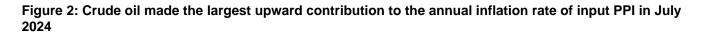
Prices for "Crude petroleum and natural gas; metal ores" rose by 10.7% in the year to July 2024, which is down from a rise of 11.1% in the year to June (Table 2). The main contribution to this rise came from "Crude petroleum for the domestic market", which rose by 11.7% in the year to July 2024.

Domestic food prices rose by 1.9% in the year to July 2024, which is unchanged from June. The main contribution to this rise came from non-perennial crops, with potato prices increasing because of bad weather and short supplies.

In comparison, the largest offsetting downward contributions came from inputs of "Other parts and equipment" and fuel inputs, which detracted 0.53 and 0.51 percentage points, respectively. Despite making the largest downward contribution to the annual rate, prices for "Other parts and equipment" increased by 1.8% in the year to July 2024 (Table 2). This downward contribution was caused by the weight changes introduced to the PPI in February. For worked examples, see the scenarios in <u>Section 7: Data sources and quality</u>.

Fuel input prices fell by 10.6% in the year to July 2024. The main contribution came from "Electricity for the domestic market".

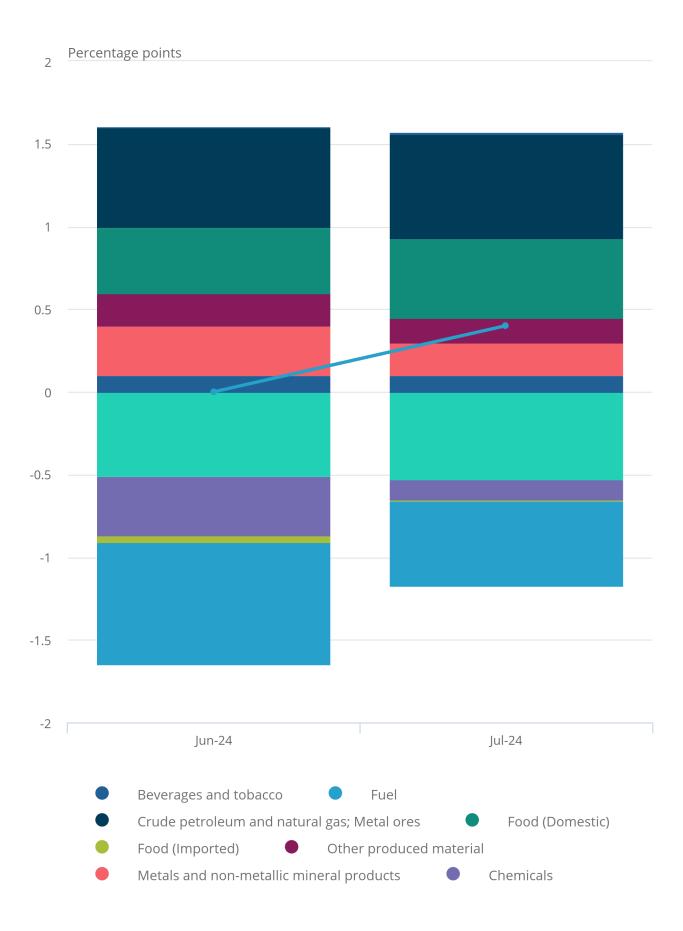
Inputs of chemicals provided the largest contribution to the change in the annual inflation rate between June and July 2024, with an upward contribution of 0.24 percentage points. The annual inflation rate for this product group fell by 1.8% in July 2024, from a 2.6% decline in June (Table 2).



Input Producer Price Index (PPI), percentage point contributions to the annual inflation rate, UK, June and July 2024

Figure 2: Crude oil made the largest upward contribution to the annual inflation rate of input PPI in July 2024

Input Producer Price Index (PPI), percentage point contributions to the annual inflation rate, UK, June and July 2024



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

Notes:

1. Fuel covers electricity and gas (D35) and coal (B05), according to Eurostat's <u>Classification of products by activity (CPA 2.1)</u>.

Table 2: Input producer prices, inflation rates and contributions to the annual inflation rates UK, June and July 2024

June 2024 July 2024 Contribution Contribution **Monthly** Annual to annual **Monthly** Annual to annual Product group inflation rate inflation rate inflation rate inflation rate inflation rate inflation rate (percentage (percentage (%)(%) (%) (%) points) points) 0.9 -0.7 0.01 **Beverages** -0.5 0.01 -0.6 and tobacco 2.3 **Fuel** -14.5 -0.740.9 -10.6 -0.51Crude -1.6 11.1 0.60 1.3 10.7 0.63 petroleum and natural gas; Metal ores 1.9 -1.3 1.9 0.40 -0.8 0.48 Food (Domestic) -2.0 -3.2 -0.041.4 -2.1 -0.01 Food (Imported) 0.20 -0.2 Other -0.8 0.5 -0.10.15 produced material 0.1 0.1 0.30 -0.3 0.3 0.20 Metals and non-metallic mineral products Chemicals -0.4 -2.6 -0.360.2 -1.8 -0.121.5 -0.51 -0.2 1.8 -0.53 Other parts 0.0 and equipment Other inputs 0.0 2.9 0.10 -0.2 2.4 0.10

Source: PPI from the Office for National Statistics

The prices of materials and fuels imported by UK manufacturers rose by 0.4% in the year to July 2024, up from a revised fall of 0.3% in the year to June. Prices saw no movement between June and July 2024, compared with a revised fall of 0.4% between May and June (Table 3).

Table 3: Imported materials and fuels purchased and sterling effective exchange rate, index values and inflation rates

UK, July 2023 to July 2024

		Imported mapurchased (aterials and fo (GD74)	uels	Sterling effe month avera	ective exchanage (BK67)	ge rate -
		Import PPI (2015=100)	Monthly inflation rate (%)	Annual inflation rate (%)	Sterling Index (Jan 2005=100)	Monthly rate (%)	Annual rate (%)
	July	138.6	-0.8	-3.1	82.6	1.1	4.7
	Aug	140.7	1.5	-2.2	82.3	-0.3	4.1
2023	Sept	143.8	2.2	-4.0	81.4	-1.1	6.7
2023	Oct	144.9	0.8	-3.8	80.5	-1.1	4.6
	Nov	143.0	-1.3	-2.8	81.1	0.7	3.8
	Dec	140.3	-1.8	-2.5	81.8	0.9	3.5
	Jan	139.7	-0.5	-4.0	82.3	0.6	5.1
	Feb	140.6	0.7	-3.7	82.4	0.1	5.9
	Mar	140.6	0.0	-3.1	82.8	0.5	5.8
2024	Apr	141.6	0.7	-1.5	82.4	-0.5	3.9
	May	139.8	-1.2	-1.4	82.8	0.5	3.3
	June	139.2	-0.4	-0.3	83.5	0.9	2.2
	July	139.1	0.0	0.4	84.2	0.9	2.0

Source: PPI from the Office for National Statistics and sterling effective Exchange Rate Index (ERI) from the Bank of England

Notes

1. Total imports (GD74) represents roughly one quarter of overall materials and fuels (input prices) in terms of index weight.

4. Output producer price inflation

Of the 10 product groups for the output Producer Price Index (PPI), 7 made upward contributions to the annual inflation rate in July 2024. The largest of these came from "Coke and refined petroleum" products and "Other outputs", which contributed 1.70 and 0.86 percentage points, respectively (Figure 3).

"Coke and refined petroleum" prices rose by 4.0% in the year to July 2024, down from 8.5% in the year to June (Table 4). Prices for "Other outputs" rose by 1.2% in the year to July 2024, down from a rise of 1.7% in the year to June.

In comparison, offsetting downward contributions came from chemicals and paper products, detracting 1.31 and 1.09 percentage points, respectively. Chemical prices fell by 2.5% in the year to July 2024 (Table 4). This decrease was mainly caused by "paints, varnishes and similar coatings, printing ink, and mastics for the domestic market".

"Coke and refined petroleum" products made the largest contribution to the change in the annual inflation rate in July 2024, with a downward contribution of 0.28 percentage points.

Figure 3: Petroleum products made the largest upward contribution to the annual inflation rate of output PPI in July 2024

Output Producer Price Index (PPI), percentage point contributions to the annual inflation rate, UK, June and July 2024

Figure 3: Petroleum products made the largest upward contribution to the annual inflation rate of output PPI in July 2024

Output Producer Price Index (PPI), percentage point contributions to the annual inflation rate, UK, June and July 2024



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

Table 4: Output producer prices, inflation rates and contributions to the annual inflation rates UK, June and July 2024

June 2024 July 2024

Product group	Monthly inflation rate (%)	Annual inflation rate (%)	Contribution to annual inflation rate (percentage points)	Monthly inflation rate (%)	Annual inflation rate (%)	Contribution to annual inflation rate (percentage points)
Food products	-0.1	-0.3	0.07	0.2	0.2	0.26
Alcoholic beverages and tobacco products	0.3	-0.6	0.23	-1.0	-0.9	0.22
Textiles; wearing apparel and leather products	0.1	4.2	0.05	0.6	4.5	0.06
Paper; paper products and printed material	0.2 I	-1.8	-1.10	0.0	-1.4	-1.09
Coke and refined petroleum products	-7.6	8.5	1.97	-0.5	4.0	1.70
Chemicals and pharmaceutical preparations		-3.4	-1.39	0.4	-2.5	-1.31
Basic metals; fabricated metal products and machinery	0.3	2.1	0.23	0.0	1.4	0.15
Computer products; electronic and electrical products	0.2	5.2	-0.10	0.0	5.3	-0.11
Motor vehicles and other transport equipment	0.1	1.4	0.08	-0.1	1.4	0.03
Other outputs	-0.3	1.7	0.98	0.0	1.2	0.86

Source: PPI from the Office for National Statistics

5. Data on producer price inflation

Producer price inflation time series

Dataset | Released 14 August 2024

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

Output and input producer price inflation: contributions to the annual rates

Dataset | Released 14 August 2024

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

Producer price inflation

Dataset MM22 | Released 14 August 2024

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

6. 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

As the aggregate producer prices indices are built up from individual product indices, it is possible to decompose overall inflation into contributions from different products. Those contributions reflect both the inflation rates for each product and their weight in the index. For more worked examples, see the scenarios in Section 7: Data sources and quality.

Producer price inflation

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

If the producer price inflation rate is a positive value, this indicates that prices have risen, while a negative value indicates that prices have fallen.

Input prices

The input price measures the price of materials and fuels bought by UK manufacturers for processing. It includes materials and fuels that are either imported or sourced from 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 output price (also known as the factory gate 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. Data sources and quality

Producer prices development plan

The Office for Statistics Regulation (OSR) quality report of the Producer Price Indices (PPI) was published in July 2023. The report notes the excellent progress made recently with bringing PPI in line with methodological best practice, but also highlights areas that need to be improved.

Our <u>Producer prices development plan</u> was published in October 2023, detailing the work that will be undertaken over the next year to improve the quality of PPI data and continue to meet user needs.

The Producer Price Index

The Producer Price Index (PPI) uses contributions to identify how indices influence the overall inflation rate. This section gives additional information on the calculation and how to interpret it.

Example scenarios

The following gives examples of how weight and inflation rate changes most commonly affect the contribution. In PPI, the weights usually have greater influence on the contribution to the annual rate, as these tend to show greater change than the annual inflation rate:

- · decrease in weight, decrease in inflation rate contribution is negative
- decrease in weight, no change in inflation rate contribution is negative
- · decrease in weight, increase in inflation rate contribution is usually negative
- no change in weight, decrease in inflation rate contribution is usually negative
- no change in weight or inflation rate no change
- no change in weight, increase in inflation rate contribution is usually positive
- increase in weight, decrease in inflation rate contribution is usually positive
- increase in weight, no change in inflation rate contribution is positive
- increase in weight, increase in inflation rate contribution is positive

Contributions are calculated using the following formula:

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

Quality and methodology information (QMI) on strengths, limitations, appropriate uses, and how the data were created is available in our <u>Producer price indices QMI</u> and our <u>Services Producer Price Inflation QMI</u>.

Other useful documentation from the Office for National Statistics (ONS) for the PPI and the Services Producer Price Index (SPPI) are:

- Producer Price Indices methods changes article
- Chain-linking in business prices article
- Producer price weight changes article
- Services producer price weight changes article
- Guidance on using indices in Indexation Clauses (PDF, 197KB)
- PPI methods and guidance (PDF, 1.18MB)
- SPPI user guidance and methodology
- PPI standard errors: 2017 datasets
- UK SPPI standard errors: 2016 to 2017 article

Sterling effective exchange rate

The sterling effective exchange rate measures the level of sterling relative to a basket of other currencies. The weights in the basket reflect all UK trade, and June therefore be different from those for manufactured goods, which are most relevant for producer prices.

Data revisions policy

Figures for the latest two months are provisional, and the latest 12 months are subject to revisions because of late and revised respondent data. The PPI revision policy is now in line with that of the national accounts. Published information on our <u>revisions policy</u> and revisions triangles shows how estimates are revised over time.

Strengths

These data:

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

Limitations

The limitations are that:

- some products are produced by only a small number of manufacturers, meaning that there June not be enough manufacturers for a detailed and robust analysis, 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 2024

In July 2024, the response rate for the domestic PPI was higher than it was in July 2023, though the response rates for the Import Price Index (IPI) and Export Price Index (EPI) were lower (Table 5).

Table 5: Producer Price Index (PPI), Import Price Index (IPI) and Export Price Index (EPI) overall effective response rates at time of first publishing

UK, July 2023 to July 2024

Weighted response (%)

	PPI (domestic)	IPI	EPI
July 2023	74.8	82.4	72.2
August 2023	79.0	83.9	77.3
September 2023	80.3	80.8	73.4
October 2023	81.0	81.3	75.0
November 2023	84.7	84.6	78.9
December 2023	82.0	85.0	77.6
January 2024	76.4	78.6	68.3
February 2024	83.1	82.8	80.3
March 2024	81.9	81.7	79.0
April 2024	85.0	80.0	77.5
May 2024	82.7	84.6	74.0
June 2024	79.9	83.5	72.7
July 2024	76.0	78.0	67.0

Source: PPI from the Office for National Statistics

Accredited official statistics

These accredited official statistics were independently reviewed by the Office for Statistics Regulation in July 2010. They comply with the standards of trustworthiness, quality and value in the Code of Practice for Statistics and should be labelled "accredited official statistics".

8. Related links

Consumer price inflation, UK

Bulletin | Released monthly

Price indices, percentage changes, and weights for the different measures of consumer price inflation.

Private rent and house prices, UK

Bulletin | Released monthly

The Price Index of Private Rents (PIPR) measures private rent inflation for new and existing tenancies. The UK House Price Index measures house price inflation.

Construction output in Great Britain: March 2024, new orders and Construction Output Price Indices, January to March 2024

Bulletin | Released 10 May 2024

Short-term measures of output by construction industry in March 2024, contracts awarded for new construction work in Great Britain and a summary of the Construction Output Price Indices (OPIs) in the UK for Quarter 1 (Jan to Mar) 2024.

GDP monthly estimate, UK

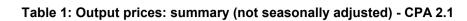
Bulletin | Released monthly

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.

9. Cite this statistical bulletin

Office for National Statistics (ONS), released 14 August 2024, ONS website, statistical bulletin, <u>Producer price inflation</u>, <u>UK: July 2024</u>

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2015=100, CPA 2.1

-	Manufactured Prod excl	ucts for Dom uding duty	nestic Market,	Manufactured properties beverages, tobacco dome		•	Coke and refine	ed petroleum uding duty	n products,	Food products, l	peverages alluding duty	nd tobacco,
			entage			entage			entage		•	entage
	–	chanç	ge over	-	chang	ge over	-	chan	ge over	<u> </u>	chan	ge over
	Index			Index			Index			Index		
	(2015=100)	1 mth	12 mths	(2015=100)	1 mth	12 mths	(2015=100)	1 mth	12 mths	(2015=100)	1 mth	12 mths
	6150333333			6150333390			6140190000			6150888897		
	GB7S			GBBV			G6ST			GBA6		
2024 Jan	136.5r	0.1	-0.2	134.9	0.4	-0.1	205.5	-1.8	-7.4	133.6r	0.1	1.6
Feb	136.8	0.2	0.5	134.9	-	0.3	213.1	3.7	1.8	133.2r	-0.3	0.6
Mar	137.1	0.2	0.6	135.2	0.2	0.2	214.8	8.0	7.1	133.3r	-	0.1
Apr	137.4r	0.2	1.0	135.5	0.2	0.4	214.8	-	12.8	133.7r	0.3	-0.2
May	137.5	-	1.7	135.8	0.2	1.0	209.8	-2.3	17.1	134.3	0.4	0.1
Jun	136.6p	-0.7	1.0	135.8p	-	1.1	193.9p	-7.6	8.5	134.1p	-0.2	-0.1
Jul	136.6p	-	0.8	135.9p	-	1.0	192.9p	-0.5	4.0	134.2p	0.1	0.1

Source: Office for National Statistics

p = provisionalr = revised

Manufactured Products for Domestic Market,

including duty

Food products, beverages and tobacco, including duty

Coke and refined petroleum products, including duty

	_	•	entage ge over	_	•	entage ge over	_		entage ge over
	Index (2015=100)	1 mth	12 mths	Index (2015=100)	1 mth	12 mths	Index (2015=100)	1 mth	12 mths
	6158333333			6158888897			6148190000		
	GD73			GBA7			G6SU		
2024 Jan	133.4	-	-0.4	134.5r	0.2	2.7	137.1	-1.4	-4.9
Feb	134.0	0.4	0.7	134.2	-0.2	1.9	140.0	2.1	0.5
Mar	134.3	0.3	1.2	134.2	-	1.6	140.9	0.7	3.6
Apr	134.6	0.2	1.7	134.6	0.3	0.6	141.1	0.1	6.7
May	134.5	-	2.5	135.1	0.4	0.9	139.5	-1.1	8.9
Jun	133.3p	-1.0	1.6	134.9p	-0.2	0.7	133.4p	-4.4	4.4
Jul	133.2p		1.1	135.0p	0.1	0.8	132.9p	-0.4	2.1

Source: Office for National Statistics

p = provisional

r = revised

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Table 2: Gross sector input prices: summary (not seasonally adjusted) - CPA 2.1

2015=100, CPA 2.1

_	All manufacturi pu	ng (materials irchased)	s and fuel	All Manufacturi purchased) exclu tobacco		everages,	Materials purcha	ased by man ndustry	ufacturing	Fuels purchased b	y manufactu	ıring industry
		•	entage		•	entage		•	entage		•	entage
	Index	chanç	ge over	_ Index	chanç	ge over	Index	chan	ge over	Index	chan	ge over
	(2015=100)	1 mth	12 mths	(2015=100)	1 mth	12 mths	(2015=100)	1 mth	12 mths	(2015=100)	1 mth	12 mths
	7390333333			7390333392			7390333397			7390333394		
	GHIP			GHIO			GHIK			GHIM		
2024 Jan	148.3	-0.3	-2.8	144.9	-	-2.9	144.6r	-0.3	-3.4	269.7	-0.8	7.6
Feb	148.7	0.3	-2.1	144.7	-0.1	-2.7	145.0	0.3	-2.6	268.1	-0.6	8.8
Mar	148.3r	-0.3	-2.5	144.2	-0.3	-3.2	145.3	0.2	-2.7	247.7	-7.6	0.6
Apr	149.6	0.8	-1.4	144.4	0.1	-3.0	146.9	1.1	-0.8	235.8	-4.8	-13.3
May	148.5	-0.7	-0.8	144.2	-0.1	-1.9	146.1	-0.5	-0.1	224.2	-4.9	-13.9
Jun	148.0p	-0.4	-	144.3p	-	-0.9	145.4p	-0.5	0.7	229.3p	2.3	-13.4
Jul	147.9p	-0.1	0.4	144.2p	-0.1	-0.4	145.3p	-0.1	1.0	231.3p	0.9	-9.9

Source: Office for National Statistics

p = provisional

r = revised

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

								Percentage	_	2015=100, Percentage of	change
			2024	2024	2024	2024	2024	2024	2024	2024	2024
Gross Sector			Mar	Apr	May	Jun	Jul	Jun	Jul	Jun	Jul
Output of manufactured products	GB7S	6158333333	137.1	137.4r	137.5	136.6p	136.6p	-0.7	-	1.0	8.0
All manufacturing, excluding food, beverages, tobacco and petroleum	GBBV	6150333390	135.2	135.5	135.8	135.8p	135.9p	-	-	1.1	1.0
Food products, beverages and tobacco, excluding duty	GBA6	6150888897	133.3r	133.7r	134.3	134.1p	134.2p	-0.2	0.1	-0.1	0.1
Food products	G6SI	6140100000	133.7r	134.1r	134.5	134.4p	134.8p	-0.1	0.2	-0.3	0.2
Alcoholic beverages, excluding duty	G6SJ	6140110000	127.5	128.1	129.6	128.7p	127.9p	-0.7	-0.6	1.4	-0.7
Soft drinks, mineral waters and other bottled waters	EVPU	6120110700	121.4	122.0	125.4	122.6p	122.7p	-2.2	-	4.5	-0.5
Textiles	G6SN	6140130000	128.6	129.5	130.3	130.3p	131.3p	0.1	0.8	4.2	4.7
Wearing apparel	G6SO	6140140000	114.9	115.4	117.1	117.1p	116.9p	-	-0.2	2.6	2.4
Leather and related products	G6SP	6140150000	137.2	134.7	134.8	134.8p	135.2p	-	0.3	6.8	7.0
Wood and products of wood and cork, except furniture	G6SQ	6140160000	152.4	153.2r	154.7	154.7p	154.6p	-	-0.1	0.5	0.3
Paper and paper products	G6SR	6140170000	129.1r	128.8r	129.0	129.3p	129.2p	0.3	-	-3.9	-3.1
Printing and recording services	G6SS	6140180000	132.7	133.8	133.9	134.0p	134.1p	-	0.1	1.5	1.3
Coke and refined petroleum products, excluding duty	G6ST	6140190000	214.8	214.8	209.8	193.9p	192.9p	-7.6	-0.5	8.5	4.0
Chemicals and chemical products	G6SV	6140200000	137.8	136.9r	136.7	136.6p	137.3p	-0.1	0.5	-3.2	-2.8
Basic pharmaceutical products and pharmaceutical preparations	G6SW	6140210000	106.7	107.4	107.2	106.5p	106.4p	-0.7	-	-3.8	-1.0
Rubber and plastic products	G6SX	6140220000	139.2	139.4	139.9	139.4p	139.8p	-0.4	0.3	1.0	1.2
Other non-metallic mineral products	G6SY	6140230000	160.9r	161.4	161.4	160.7p	160.7p	-0.4	-	0.8	0.3
Basic metals	G6SZ	6140240000	181.1	182.5r	183.7	184.2p	183.6p	0.3	-0.3	-0.3	0.7
Fabricated metal products, except machinery and equipment	G6T3	6140250000	147.9	148.4	148.6	149.2p	149.2p	0.4	-	2.9	1.6
Computer, electronic and optical products	G6T5	6140260000	122.3	122.3	124.5	124.0p	124.0p	-0.4	-0.1	6.8	7.0
Electrical equipment	G6VF	6140270000	133.7	133.6	134.1	135.3p	135.4p	0.9	-	3.1	3.1
Machinery and equipment n.e.c.	G6VG	6140280000	133.1	133.5	133.9	133.8p	134.1p	-0.1	0.3	1.1	1.4
Motor vehicles, trailers and semi-trailers	G6WH	6140290000	121.0r	121.6	121.7	122.0p	122.0p	0.3	-	1.4	1.5
Other transport equipment	G72N	6140300000	122.6	122.9	122.7	122.6p	122.4p	-0.1	-0.2	1.3	1.4
Furniture	G75I	6140310000	134.6	133.8	134.3	134.6p	134.6p	0.2	0.1	1.7	2.1
Other manufactured goods	G776	6140320000	112.9	113.3	113.6	115.4p	115.7p	1.6	0.2	3.1	3.4
Repair and installation services of machinery and equipment	G777	6140330000	124.4	125.0	124.9	124.7p	124.3p	-0.2	-0.3	3.5	2.8

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

								1 mor	change th	12 mont	chan ths
			2024 Mar	2024 Apr	2024 May	2024 Jun	2024 Jul	2024 Jun	2024 Jul	2024 Jun	20
Gross sector				•	,						
Other mining & quarrying products	GHEA	7390080000	158.2r	159.5r	157.0	156.4p	155.6p	-0.4	-0.5	-0.2	
lanufacture of food products, beverages, tobacco	GHHV	7390888897	148.6r	149.7r	150.0	148.3p	147.8p	-1.1	-0.4	0.1	
Preserved meat & meat products	GHEF	7390101000	147.2r	148.9r	149.9	148.2p	147.2p	-1.1	-0.6	1.8	
Fish, crustaceans, molluscs, fruit & vegetables	GHEH	7390333387	148.5	158.2r	159.5	151.1p	146.6p	-5.3	-2.9	2.9	
Vegetable & animal oils & fats	GHEJ	7390104000	194.9	179.4	176.5	178.3p	177.8p	1.0	-0.3	-8.7	
Dairy products	GHEL	7390105000	152.7r	154.4r	155.4	153.6p	152.6p	-1.2	-0.6	2.6	
Grain mill products, starches & starch products	GHEN	7390106000	153.5r	151.7r	151.6	150.8p	150.7p	-0.5	-0.1	-2.1	
Bakery & farinaceous products	GHEP	7390107000	149.1	147.8	147.0	147.1p	147.9p	0.1	0.6	-2.5	
Other food products	GHER	7390108000	145.6r	145.5	145.3	145.3p	146.7p	_	0.9	-0.9	
Animal feeds	GHET	7390109000	147.2r	146.8r	146.7	145.8p	145.5p	-0.6	-0.2	-2.6	
Alcoholic beverages	GHEV	7390333384	148.0	147.3	146.5	146.5p	146.5p	-0.0	-0.2	-2.5	
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Soft drinks; mineral waters & other bottled waters	GHEX		136.0r	136.1r	136.6	136.0p	136.5p	-0.4	0.4	0.3	
Tobacco products	GHEZ	7390120000	149.2r	150.2r	151.0	149.5p	148.4p	-1.0	-0.8	0.5	
anufacture of textiles & textile products; clothing	GHHW	7390888895	133.9	134.0	134.0	134.0p	134.5p	-	0.4	0.5	
Textiles	GHFB	7390130000	135.7	135.7r	135.6	135.6p	136.1p	-	0.4	0.1	
Wearing apparel	GHFD	7390140000	130.6	131.0	131.2	131.1p	131.6p	-	0.3	1.4	
anufacture of leather & related products	GHFF	7390150000	136.6r	135.9r	135.8	135.6p	135.9p	-0.1	0.2	-0.1	
anufacture of wood & wood products	GHFH	7390160000	152.4	152.7r	153.2	153.1p	153.0p	-0.1	-0.1	-0.9	
anufacture of pulp, paper & paper products, cording media & printing services	GHHZ	7390888892	140.7	140.1	139.6	139.9p	140.0p	0.2	0.1	-3.4	
Pulp, paper & paper products	GHFJ	7390170000	144.2	143.4	142.7	143.0p	143.2p	0.2	0.1	-4.1	
Printing & recording services	GHFL	7390180000	136.0	135.6	135.3	135.6p	135.8p	0.2	0.1	-2.4	
anufacture of coke & refined petroleum products	GHFN	7390190000	197.2	214.4	195.2	191.8p	193.8p	-1.8	1.0	9.5	
anufacture of chemicals, chemical products & manade fibres	GHIB	7390888890	148.6r	147.5	146.1	146.0p	146.4p	-0.1	0.3	-4.3	
Paints, varnishes & similar coatings, printing ink & mastics	GHFP	7390203000	143.5r	142.7r	142.5	142.1p	142.8p	-0.2	0.5	-3.7	
Soaps, detergents, cleaning & polishing preparations, perfumes & toilet preparations	GHFR	7390204000	137.9	137.3	137.1	137.1p	137.1p	-	-	-2.3	
Other chemical products	GHFT	7390205000	136.8	136.3	135.8	135.6p	135.7p	-0.1	0.1	-3.7	
Industrial gases; other basic inorganic chemicals;	GHFV	7390333378	157.5	155.1r	152.2	153.4p	153.8p	0.8	0.3	-6.8	
fertilisers & nitrogen compounds Petrochemicals & man made fibres	GHFX	7390333377	153.0	151.7r	150.3	149.5p	150.1p	-0.5	0.4	-3.9	
Dyes & pigments: pesticides & other agrochemical	GHFZ	7390333376	150.9	150.6	148.8	149.1p	149.9p	0.2	0.6	-4.6	
products anufacture of basic pharmaceutical products &	GHGB	7390210000	125.9	125.8	125.6	125.2p	125.2p	-0.3	_	-2.3	
narmaceutical preparations anufacture of rubber & plastic products	GHGD	7390220000	145.5	144.6	144.3	143.9p	144.2p	-0.3	0.2	-2.7	
							·				
anufacture of cement, lime & plaster anufacture of glass, refractory, clay, other porcelain,	GHGF	7390333375	160.4r	161.2r	159.5	159.2p	158.8p	-0.2	-0.2	-0.1	
eramic stone products	GHGH	7390333374	155.7	156.4r	154.3	154.1p	153.5p	-0.2	-0.3	-0.7	
anufacture of basic metals & fabricated products Basic iron, steel & alloys: tubes, pipes, hollow	GHIF	7390888884	169.4	170.4r	169.8	170.2p	169.8p	0.2	-0.2	-1.0	
profiles	GHGJ	7390333369	179.6	180.0	178.5	178.9p	179.0p	0.2	0.1	-4.9	
Other basic metals & casting	GHGL	7390333368	183.5	187.1	186.4	186.8p	185.4p	0.2	-0.7	2.0	
/eapons & ammunition	GHGN	7390254000	145.7	147.1r	147.2	147.5p	147.4p	0.2	-0.1	1.7	
abricated metal products, excluding machinery & quipment & weapons & ammunition	GHGP	7390333365	162.6	162.6r	162.4	162.7p	162.6p	0.2	-0.1	-1.0	
anufacture of computer, electronic & optical oducts, electrical equipment	GHIG	7390888883	139.4	139.6	140.2	140.2p	140.0p	-	-0.1	1.2	
Computer, electronic & optical products	GHGR	7390260000	137.0	137.2	138.1	137.9p	137.7p	-0.2	-0.2	1.9	
Electrical equipment	GHGT	7390270000	142.2	142.4	142.5	142.7p	142.6p	0.1	-0.1	0.4	
anufacture of machinery & equipment n.e.c	GHGV	7390280000	146.3r	146.6r	146.9	147.0p	146.9p	0.1	-0.1	-	
anufacturing of motor vehicles & other transport	GHII	7390888881	138.0	138.5r	138.5	138.5p	138.3p	-	-0.2	0.2	
Motor vehicles, trailers & semi trailers	GHGX	7390290000	133.7	134.2	134.2	134.2p	134.0p	-	-0.1	0.1	
Ships & boats	GHGZ	7390301000	143.3	143.3	143.4	143.4p	143.4p	-	-	-1.1	
Aircraft & spacecraft & related machinery	GHHB	7390303000	147.8	148.5	148.3	148.3p	147.7p	-	-0.4	0.7	
Other transport equipment	GHHD	7390333358	126.3	126.6	126.4	126.6p	126.7p	0.2	0.1	0.3	
anufacture of other manufactured goods n.e.c	GHIJ	7390888880	149.5	150.2r	150.5	150.5p	150.2p	-	-0.2	0.3	
Furniture	GHHF	7390310000	149.5	150.2r	150.8	150.5p	150.2p	-0.2	٥.٢	-0.2	
									-		
Other manufacturing	GHHH	7390320000	149.2	150.1	150.3	150.5p	150.0p	0.1	-0.3	0.8	
epair & maintenance of ships & boats epair & maintenance services of aircraft &	GHHJ	7390331500	142.4	142.2r	142.3	142.5p	142.8p	0.1	0.2	-1.7	
was investigated and video of allocall of	GHHL	7390331600	117.8	118.4	117.9	117.7p	117.1p	-0.2	-0.5	2.3	

1 Climate Change Levy (CCL) is excluded from the detailed industry input index

p = provisional



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

					2015=100, CPA						
								Percentage 1 mon		Percentage 12 mont	_
			2024 Mar	2024 Apr	2024 May	2024 Jun	2024 Jul	2024 Jun	2024 Jul	2024 Jun	2024 Jul
Fuel excl. CCL	FSQ3	7490222295	256.3	243.6	231.2	236.5p	238.6p	2.3	0.9	-14.5	-10.6
Mining of coal & lignite excl. CCL	GHDW	7390050000	175.0	177.3r	171.0	170.0p	169.6p	-0.6	-0.2	-8.9	-2.9
Electricity excl. CCL	GHHP	7390351000	245.2	235.8	223.9	228.3p	229.6p	1.9	0.6	-12.3	-9.6
Gas excl. CCL	GHHR	7390444499	240.3	223.7	211.0	217.2p	223.5p	2.9	2.9	-14.0	-7.1
Crude Oil	FSQ4	7490444498	197.1	218.1	196.0	192.9p	195.5p	-1.6	1.3	11.1	10.7
Domestic crude oil & metal ores	GGT3	7190222295	199.8	226.6	200.5	196.5p	198.9p	-2.0	1.2	11.6	11.7
Imported crude oil & metal ores	GHBV	7290222295	192.2	202.9	188.1	186.6p	189.3p	-0.8	1.5	10.1	8.9
Home produced food:	FSP7	7190351000	143.9r	145.9r	147.2	145.3p	144.0p	-1.3	-0.8	1.9	1.9
Products of agriculture, hunting and related services	GGO7	7190010000	155.8r	158.8r	161.5	159.5p	157.0p	-1.3	-1.5	6.3	6.6
Fish & other fish products	GGS8	7190030000	141.9r	183.9r	191.0	158.8p	139.9p	-16.9	-11.9	12.6	3.2
Preserved meat and meat products	GH2M	7190101000	128.7	130.9	131.8	131.7p	131.3p	-0.1	-0.3	1.9	1.8
Processed fish & fish products; fruit & vegetables	GH7R	7190333387	131.9	132.4	133.2	131.4p	131.7p	-1.3	0.2	0.8	1.5
Vegetable & animal oils and fats	GH7S	7190104000	181.6	161.8	160.0	159.2p	159.7p	-0.5	0.3	-17.8	-16.9
Dairy products	GH8A	7190105000	148.4	150.7	151.0	152.4p	153.6p	0.9	0.8	1.2	3.2
Grain mill products, starches and starch products	GH8B	7190106000	144.5	144.4r	143.6	143.5p	143.9p	-0.1	0.3	-1.6	-1.7
Bakery and Farinaceous products	GH8C	7190107000	132.7	132.6	133.0	132.7p	132.6p	-0.2	-0.1	0.4	-0.4
Other Food products	GH8L	7190108000	126.2r	126.6r	127.3	127.6p	128.6p	0.2	0.8	3.0	3.3
Prepared animal feeds	GH98	7190109000	142.2	140.5	139.4	139.5p	140.3p	0.1	0.6	-9.0	-6.6
Imported food materials	FSP9	7490333354	169.9	170.3	168.2	164.8p	167.1p	-2.0	1.4	-3.2	-2.1
Agricultural crop products	GHBQ	7290010000	139.5	139.3r	136.2	124.5p	123.3p	-8.5	-1.0	-6.7	-7.3
Fish & fish products	GHBS	7290030000	164.8	167.4	165.8	163.5p	161.5p	-1.4	-1.3	4.6	5.0
Meat & meat products	GHBX	7290101000	179.6	181.1	180.9	180.9p	184.8p	-	2.1	-6.3	-3.8
Processed fish & fish products, fruit & vegetables	GHBY	7290333387	140.8	140.9	138.8	138.4p	140.2p	-0.3	1.3	1.3	3.2
Vegetable & animal oils & fats	GHBZ	7290104000	249.6	238.4	232.9	241.6p	236.1p	3.7	-2.3	14.6	4.8
Dairy products	GHCA	7290105000	163.9	162.6	162.4	163.2p	170.3p	0.5	4.3	-5.4	-0.3
Grain mill products & starches	GHCB	7290106000	177.0	178.3	177.5	178.3p	180.5p	0.4	1.2	-7.5	-4.2
Bakery & farinaceous products	GHCC	7290107000	176.4	176.8	176.4	175.4p	177.3p	-0.6	1.1	-5.0	-4.0
Other food products	GHCD	7290108000	230.7	235.1	233.2	234.4p	249.5p	0.5	6.5	-2.1	1.9
Prepared animal feeds	GHCE	7290109000	169.6	170.0	168.0	161.0p	160.2p	-4.2	-0.5	-7.0	-7.5
Other home produced materials	FSQ2	7490333353	146.8	147.7r	147.2	146.0p	145.7p	-0.8	-0.2	0.5	-0.1
Forestry products	GGP2	7190020000	168.5	168.5	168.5	168.5p	168.5p	-	-	-2.9	-2.9
Other mining & quarrying products exc agg	GH2L	7190080000	148.3r	155.0r	151.6	151.8p	149.1p	0.1	-1.8	5.9	0.4
Textiles	GHAE	7190130000	128.6	129.5	130.3	130.3p	131.3p	0.1	0.8	4.2	4.7
Wearing apparel	GHAF	7190140000	114.9	115.4	117.1	117.1p	116.9p	-	-0.2	2.6	2.4
Leather and related products	GHAG	7190150000	137.2	134.7	134.8	134.8p	135.2p	-	0.3	6.8	7.0
Wood and products of wood and cork, exc furniture	GHAH	7190160000	152.4	153.2r	154.7	154.7p	154.6p	-	-0.1	0.5	0.3
Paper and paper products	GHAI	7190170000	129.1r	128.8r	129.0	129.3p	129.2p	0.3	-	-3.9	-3.1
Coke & refined petroleum products	GHAK	7190190000	214.8	214.8	209.8	193.9p	192.9p	-7.6	-0.5	8.5	4.0
Water collection, treatment & supply	GHBP	7190360000	121.8	130.7	130.7	130.7p	130.7p	-	-	7.3	7.3

Source: Office for National Statistics



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 2024 2024 2024 2024 2024 2024 2024 2024 2024 Mar Apr May Jun Jul Jul Jun Jul Jun Inputs of Metals and Non-Metallic Mineral FSQ8 7390333351 168.4 169.4r 170.1 170.3p 169.9p -0.3 0.1 0.3 products Cement, lime, plaster and articles of concrete, 7390333375 **GHGF** 160.4r 161.2r 159.5 159.2p 158.8p -0.2 -0.2 -0.1 -0.7 cement & plaster Glass, refractory clay, porcelain, ceramic and stone GHGH 7390333374 155.7 156.4r 154.3 154.1p 153.5p -0.2 -0.3 -0.7 -1.6 products Basic iron, steel & alloys, tubes, pipes, hollow 7390333369 179.6 180.0 179.0p GHGJ 178.5 178.9p 0.2 0.1 -4.9 -2.5 profiles and fittings 7390333368 Other basic metals & casting GHGL 183.5 187.1 186.4 186.8p 185.4p 0.2 -0.7 2.0 2.4 Weapons & ammunition GHGN 7390254000 145.7 147.1r 147.2 147.5p 147.4p -0.1 1.7 0.2 1.5 Fabricated metal products excluding weapons & 7390333365 162.6r **GHGP** 162.6 162.4 162.6p -0.7 162.7p 0.2 -0.1 -1.0 ammunition FSQ7 7490333352 Inputs of Chemicals 135.6 135.3 135.1p 135.3 134.8p -0.4 0.2 -2.6 -1.8 Paints, varnishes & coatings, printing inks & other **GHFP** 7390203000 143.5r 142.7r 142.5 142.1p 142.8p -0.2 0.5 -3.7 -2.8 Soap, detergents, cleaning & polishing 137.1p GHFR 7390204000 137.9 137.3 137.1 137.1p -2.3 -1.7 preparations, perfumes & toilet preparations Other chemical products 136.3 GHFT 7390205000 136.8 135.8 135.6p 135.7p -0.1 0.1 -3.7 -3.1 Industrial gases, inorganic chemicals, fertilisers & GHFV 7390333378 157.5 155.1r 152.2 153.4p 153.8p 8.0 0.3 -6.8 **-**5.5 nitrogen compounds GHFX 7390333377 153.0 151.7r 150.3 149.5p 150.1p 0.4 -3.9 -2.8 Petrochemicals -0.5 Dyes & pigments; pesticides & other agro-chemical GHFZ 7390333376 150.9 150.6 148.8 149.1p 149.9p 0.2 0.6 -4.6 -2.6 Basic pharmaceutical products & pharmaceutical GHGB 7390210000 125.9 125.8 125.6 125.2p 125.2p -0.3 -2.3 -0.9 preparations Rubber & plastic products GHGD 7390220000 145.5 144.6 144.3 143.9p 144.2p -0.3 0.2 -2.7 -1.9 7490333349 Other parts & equipment FSQ9 123.9 124.4 124.5 124.5p 124.3p -0.2 1.5 1.8 Computer, electronic & optical products GHGR 7390260000 137.0 137.2 138.1 137.9p 137.7p -0.2 -0.2 1.9 2.1 Electrical equipment GHGT 7390270000 142.2 142.4 142.5 142.7p 142.6p -0.1 0.4 8.0 0.1 147.0p Machinery & equipment n.e.c 146.6r **GHGV** 7390280000 146.3r 146.9 146.9p 0.3 0.1 -0.1 Motor vehicles, trailers & semi-trailers GHGX 7390290000 133.7 134.2 134.0p 0.1 0.2 134.2 134.2p -0.1 143.4p GHGZ 7390301000 143.3 143.3 143.4 143.4p -0.7 Ships & boats -1.1 148.5 Aircraft, spacecraft & related machinery GHHB 7390303000 147.8 148.3 148.3p 147.7p -0.4 0.7 1.5 Other transport equipment GHHD 7390333358 126.3 126.6 126.4 126.6p 126.7p 0.2 0.1 0.3 0.6 Other Inputs FSQ6 7490111196 123.4 124.1 124.1 124.0p 123.8p -0.2 2.9 2.4 Printing & recording services GHFL 7390180000 136.0 135.6 135.3 135.6p 135.8p 0.2 0.1 -2.4 -1.8 GHHF 7390310000 149.9 150.3r 150.8 150.6p 150.5p -0.2 -0.2 Other manufactured goods n.e.c GHHH 7390320000 149.2 150.1 150.3 150.5p 150.0p 0.1 -0.3 8.0 8.0 Repair & maintenance of ships and boats

Source: Office for National Statistics

2.3

8.0

-0.3

3.3

0.7

0.4

Imported materials:

Repair & maintenance of aircraft and spaceships

Rest of repair and installation

GHHL 7390331600

GHHN 7390333355

GD74 8170111199

117.8

138.2

140.6

118.4

138.2

141.6

117.9

137.7

139.8

117.7p

137.1p

139.2p

117.1p

137.1p

139.1p

-0.2

-0.4

-0.4

-0.5

Total Imports

p = provisional



Table 6R: Output prices: revisions (not seasonally adjusted) - CPA 2.1

2015=100, CPA 2.1

	Output of m	nanufactured _l	products		turing exclud obacco and p	
		percer	=		percei	-
	Index	change	e over	 Index	change	e over
	(2015=100)	1 mth	12 mths	(2015=100)	1 mth	12 mths
	6150333333	1 11101	12 maio	6150333390	1 11161	12 mule
	GB7S			GBBV		
2023 Jul	_	_	-	-	_	
Aug	-	-	-	-	-	
Sep	-	-	-	-	-	
Oct	-	-	-	-	-	
Nov	-	-	-	-	-	
Dec	-	-	-	-	-	
2024 Jan	0.1	-	-	-	-	
Feb	-	-0.1	-	-	-	
Mar	-	-	-	-	-	
Apr	-0.1	-	-	-	-	
May	-	-	-	-	-	
Jun	-0.5	-0.4	-0.4	-0.1	-0.1	

Source: Office for National Statistics

Please see Statistical Bulletin section entitled "Data revisions policy" for further information