

Statistical bulletin

Producer price inflation, UK: May 2017

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 rate of increase in factory gate prices appears to be stabilising now that manufacturing input costs have largely fallen month-on-month since January.
- The annual rate of factory gate price inflation (output prices) remained at 3.6% for the third consecutive month and slowed on the month to 0.1%, from 0.4% in March and April.
- The annual rate of inflation for materials and fuels (input prices) fell back to 11.6% in May, continuing its decline from 19.9% in January 2017 following the recent strength of sterling.
- Recent price declines for coke and refined petroleum products leaving the factory gate have been offset by rising prices for food products and computers, electrical and optical equipment.

2 . Things you need to know about this release

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.

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 also 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.

Index numbers shown in the main text of this bulletin are on a net sector basis. The index for any industry relates only to transactions between that industry and other industries; sales and purchases within industries are excluded.

Indices relate to average prices for a month. The full effect of a price change occurring part way through any month will only be reflected in the following month's index.

All index numbers exclude VAT. Excise duty (on cigarettes, manufactured tobacco, alcoholic liquor and petroleum products) is included, except where labelled otherwise.

Each Producer Price Index (PPI) has two unique identifiers: a 10-digit index number, which relates to the [Standard Industrial Classification](#) code appropriate to the index and a 4-character alpha-numeric code, which can be used to find series when using the [time series dataset](#) for PPI.

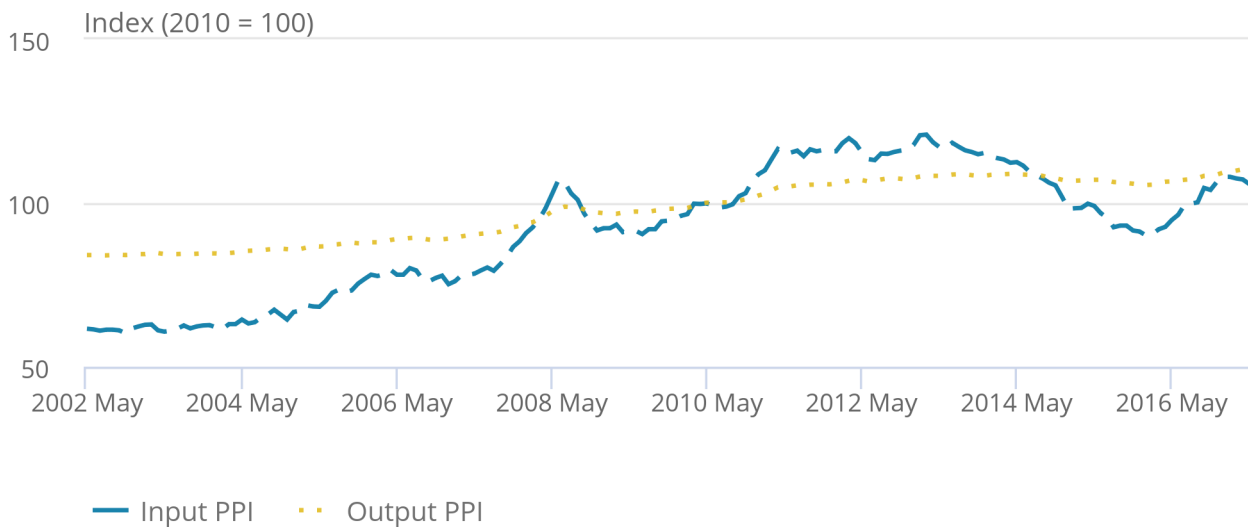
Every 5 years, producer price indices are rebased and weights updated to reflect industry changes.

Figures for the latest 2 months are provisional and the latest 5 months are subject to revisions in light of (a) late and revised respondent data and (b) for the seasonally adjusted series, revisions to seasonal adjustment factors are re-estimated every month. A routine seasonal adjustment review is normally conducted in the autumn each year.

3 . Producer price inflation summary

Figure 1: Input PPI and output PPI, May 2002 to May 2017, UK

Figure 1: Input PPI and output PPI, May 2002 to May 2017, UK



Source: Office for National Statistics

Over the past 15 years, the input Producer Price Index (PPI) has experienced large peaks and troughs and strong overall growth, driven by global movements in prices for crude oil and commodities (Figure 1). Between May 2002 and May 2017, input prices increased 72%, mainly fuelled by crude oil prices that rose 127% over the period. Output prices increased 31% across the same period.

Comparing prices today with those prior to the downturn peak in June 2008, input prices were 1.1% lower in May 2017, while output prices were up 12.4% across the period.

4 . Following the recent strengthening of sterling, input costs have continued to fall back from their peak

Table 1: Input prices, index values, growth rates and percentage point changes: May 2016 to May 2017

UK

All materials and fuels purchased (K646)				
	PPI Index	1-month	12-month	Change in the
	(2010=100)	rate	rate	12-month rate
				(percentage points)
2016 May	94.8	2.3	-4.3	2.8
Jun	96.4	1.7	-0.5	3.8
Jul	99.5	3.2	4.2	4.7
Aug	99.8	0.3	7.8	3.6
Sep	100.2	0.4	7.6	-0.2
Oct	104.6	4.4	12.4	4.8
Nov	104.0	-0.6	13.5	1.1
Dec	106.5	2.4	16.6	3.1
2017 Jan	108.0	1.4	19.9	3.3
Feb	108.0	0.0	19.3	-0.6
Mar	107.5	-0.5	16.8	-2.5
Apr	107.2	-0.3	15.6	-1.2
May	105.8	-1.3	11.6	-4.0

Source: Office for National Statistics

Notes:

1. Series are not seasonally adjusted.

The latest figures suggest an overall easing of input cost pressures in the manufacturing sector. In the 12 months prior to February 2017 prices rose every month bar one, which led manufacturers to raise prices for goods leaving the factory gate; however, recent month-on-month falls mean input costs overall are now below the level they were back in December 2016.

The annual rate fell for the fourth month in a row in May 2017 representing an 8.3 percentage point decline from January 2017. The fall of 4.0 percentage points in May compares to a 2.6 average percentage point movement between May 2016 and April 2017. The only larger movements were in July and October 2016 when prices were growing rapidly as exchange rate movements were passed through.

We have now also seen 3 months of falling prices month-on-month. The 1.3% month-on-month decline in May represents an acceleration of this trend and has led to price levels overall, as defined by the index value, being lower than they were back in December 2016 when the index stood at 106.5.

Table 2: Imported materials and fuels purchased and sterling effective exchange rate, index values, growth rates and percentage point change to the 12-month rate: May 2016 to May 2017

UK

	Imported materials and fuels purchased (K64F)				Sterling effective exchange rate - month average	
	PPI Index (2010=100)	1-month rate	12-month rate	Change in the 12-month rate (percentage points)	1-month rate	12-month rate
2016 May	92.9	1.1	-2.7	1.5	2.0	-5.1
Jun	94.7	1.9	0.6	3.3	-2.0	-7.8
Jul	98.5	4.0	6.0	5.4	-6.5	-14.9
Aug	98.8	0.3	9.2	3.2	-1.3	-16.2
Sep	99.0	0.2	8.9	-0.3	0.4	-14.3
Oct	103.5	4.5	14.0	5.1	-5.1	-18.4
Nov	101.9	-1.5	14.6	0.6	2.7	-17.9
Dec	103.7	1.8	17.4	2.8	2.1	-14.5
2017 Jan	106.0	2.2	20.2	2.8	-1.6	-13.0
Feb	105.5	-0.5	19.2	-1.0	0.8	-10.4
Mar	106.1	0.6	17.0	-2.2	-1.3	-10.7
Apr	105.4	-0.7	14.7	-2.3	2.2	-7.8
May	103.9	-1.4	11.8	-2.9	0.5	-9.2

Source: Office for National Statistics

The sterling effective exchange rate source: Bank of England

Notes:

1. Series are not seasonally adjusted.
2. The sterling effective change rate measures the changes in the strength of sterling relative to a basket of other currencies
3. 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 production sector.

Imported materials and fuels account for around two-thirds of input PPI in terms of index weight, suggesting the UK manufacturing sector imports most of the materials and fuels it uses in the manufacturing process. The devaluation of sterling that started in early 2016 has therefore fed through to higher input costs for the UK manufacturing sector. Since October 2016, however, when the sterling effective annual rate was down 18.4%, we have seen this rate ease off to a decline of 9.2% in May 2017, which has translated into falling prices for imported materials and fuels.

Table 3: Input prices, growth rates: May 2017

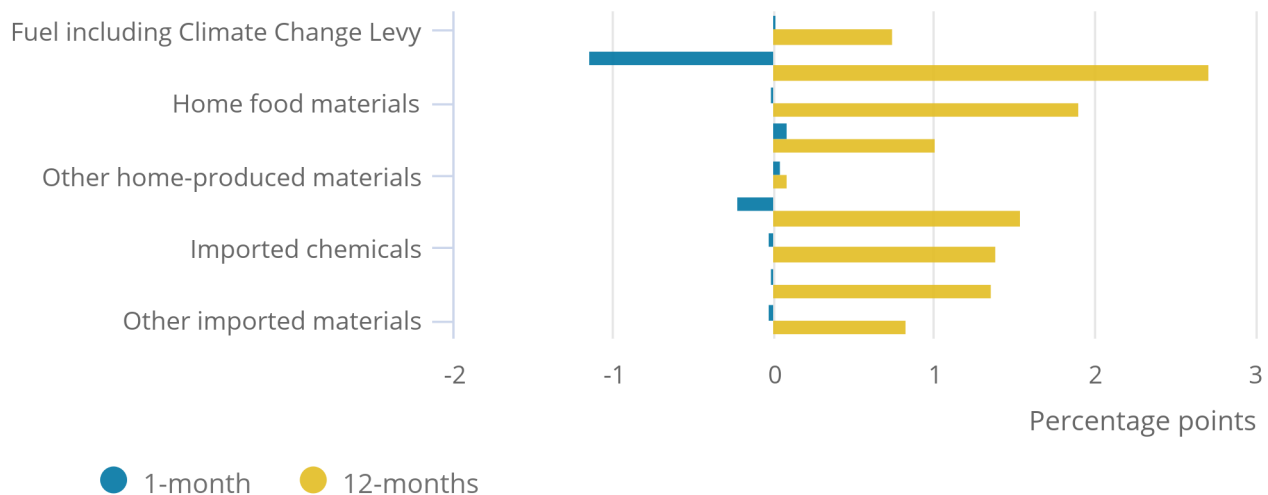
UK

Product group	Percentage change	
	1-month rate	12-month rate
Fuel including Climate Change Levy	0.1	6.7
Crude oil	-7.6	20.0
Home food materials	0.0	13.1
Imported food materials	1.1	12.8
Other home-produced materials	1.4	2.4
Imported metals	-2.8	21.1
Imported chemicals	-0.3	9.7
Imported parts and equipment	-0.1	7.1
Other imported materials	-0.2	8.9
All manufacturing	-1.3	11.6

Source: Office for National Statistics

Figure 2: Input PPI, contribution to 1-month and 12-month growth rate, May 2017, UK

Figure 2: Input PPI, contribution to 1-month and 12-month growth rate, May 2017, UK



Source: Office for National Statistics

Figure 2 shows contributions by industry to the monthly and annual rate of input price inflation. Crude oil provided the largest upward contribution to the annual rate and the largest downward contribution to the monthly rate. Crude oil prices fell 7.6% in May (Table 3) and have mostly fallen month-on-month since January 2017.

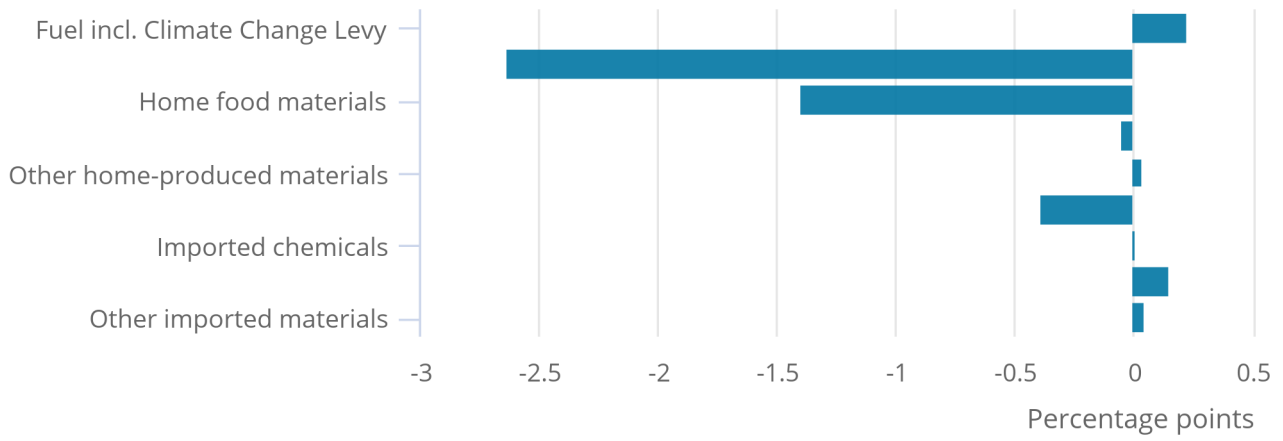
Home food materials and imported metal prices provided the second and third largest contributions to the annual rate, with 1.91 and 1.55 percentage points respectively.

The annual rate for home food materials, although positive for the past 13 months, fell to 13.1% in May 2017 (Table 3) from 25.0% in April, which was the highest annual increase since July 2008. The main contributors to the rise in home food materials were domestic products used in crop and animal production.

The annual rate of growth for imported metals has also fallen back from an all-time record high of 37.2% in January 2017. In May 2017, prices rose 21.1% on the year, although fell 2.8% on the month, which is the second monthly decline in prices since June 2016. The recent strengthening of sterling is the most likely factor for slowing growth. For further analysis on metal prices please refer to section 4 of the [February Producer Price Inflation release](#).

Figure 3: Input PPI, contribution to change in the annual rate, May 2017, UK

Figure 3: Input PPI, contribution to change in the annual rate, May 2017, UK



Source: Office for National Statistics

5 . The rate of increase in factory gate prices appears to be stabilising now that manufacturing input costs have largely fallen month-on-month since January

Table 4: Output prices, index values, growth rates and percentage point changes: May 2016 to May 2017

UK

All manufactured products (JVZ7)

	PPI Index (2010=100)	1-month rate	12-month rate	Change in the 12-month rate (percentage points)
2016 May	106.6	0.1	-0.5	0.0
Jun	106.9	0.3	-0.2	0.3
Jul	107.1	0.2	0.2	0.4
Aug	107.3	0.2	0.8	0.6
Sep	107.6	0.3	1.2	0.4
Oct	108.3	0.7	2.1	0.9
Nov	108.4	0.1	2.4	0.3
Dec	108.7	0.3	2.9	0.5
2017 Jan	109.3	0.6	3.6	0.7
Feb	109.5	0.2	3.7	0.1
Mar	109.9	0.4	3.6	-0.1
Apr	110.3	0.4	3.6	0.0
May	110.4	0.1	3.6	0.0

Source: Office for National Statistics

Notes:

1. Series is not seasonally adjusted.

The latest figures suggest the recent period of rapidly increasing factory gate prices may have come to an end. The annual rate of inflation for goods leaving the factory gate was unchanged at 3.6% in May 2017 and has remained largely flat since January 2017. Month-on-month inflation slowed to 0.1% in May following increases of 0.4% in March and April.

Table 5: Output prices, growth rates: May 2017

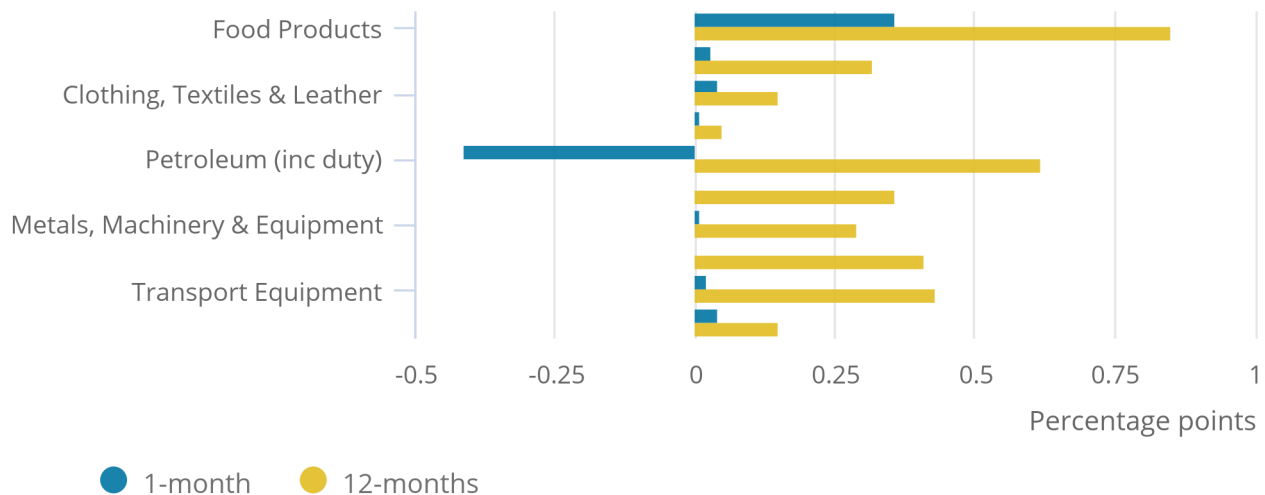
UK

Product group	Percentage Change	
	1-month rate	12-month rate
Food products	0.9	5.6
Tobacco and alcohol (incl. duty)	0.1	3.2
Clothing, textile and leather	0.2	1.3
Paper and printing	0.1	1.2
Petroleum products (incl. duty)	-2.3	9.1
Chemical and pharmaceutical	0.0	4.8
Metal, machinery and equipment	0.1	4.0
Computer, electrical and optical	0.0	3.5
Transport equipment	0.1	3.6
Other manufactured products	0.1	0.9
All manufacturing	0.1	3.6

Source: Office for National Statistics

Figure 4: Output PPI, contribution to 1-month and 12-month growth rate, May 2017, UK

Figure 4: Output PPI, contribution to 1-month and 12-month growth rate, May 2017, UK



Source: Office for National Statistics

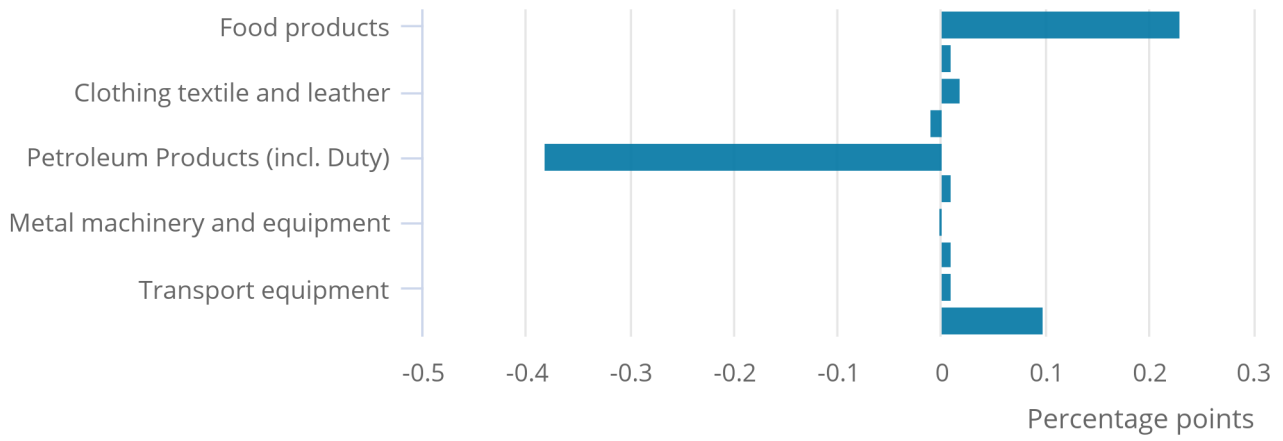
All industries showed upward contributions to the annual rate. Food products had an annual growth rate of 5.6% (Table 5) and showed an upward contribution of 0.85 percentage points to the PPI output annual rate (Figure 4). The largest contributor to growth was dairy products, which increased 18.7% on the year. The annual growth rate for food products has been positive since October 2016, following 29 months of falling prices. For further analysis on food prices please refer to section 6 of this release and section 4 of the [January Producer Price Inflation release](#).

Petroleum products provided the second largest upward contribution to the annual rate with 0.62 percentage points, driven mainly by an increase in the prices of diesel and gas oil.

Transport equipment also showed a large annual increase of 3.6% (Table 5), driven mainly by prices within the manufacture of motor vehicles, trailers and semi-trailers. For further analysis of prices within the manufacture of motor vehicles, trailers and semi-trailers please refer to section 4 of the [March Producer Price Inflation release](#).

Figure 5: Output PPI, contribution to change in the annual rate, May 2017, UK

Figure 5: Output PPI, contribution to change in the annual rate, May 2017, UK

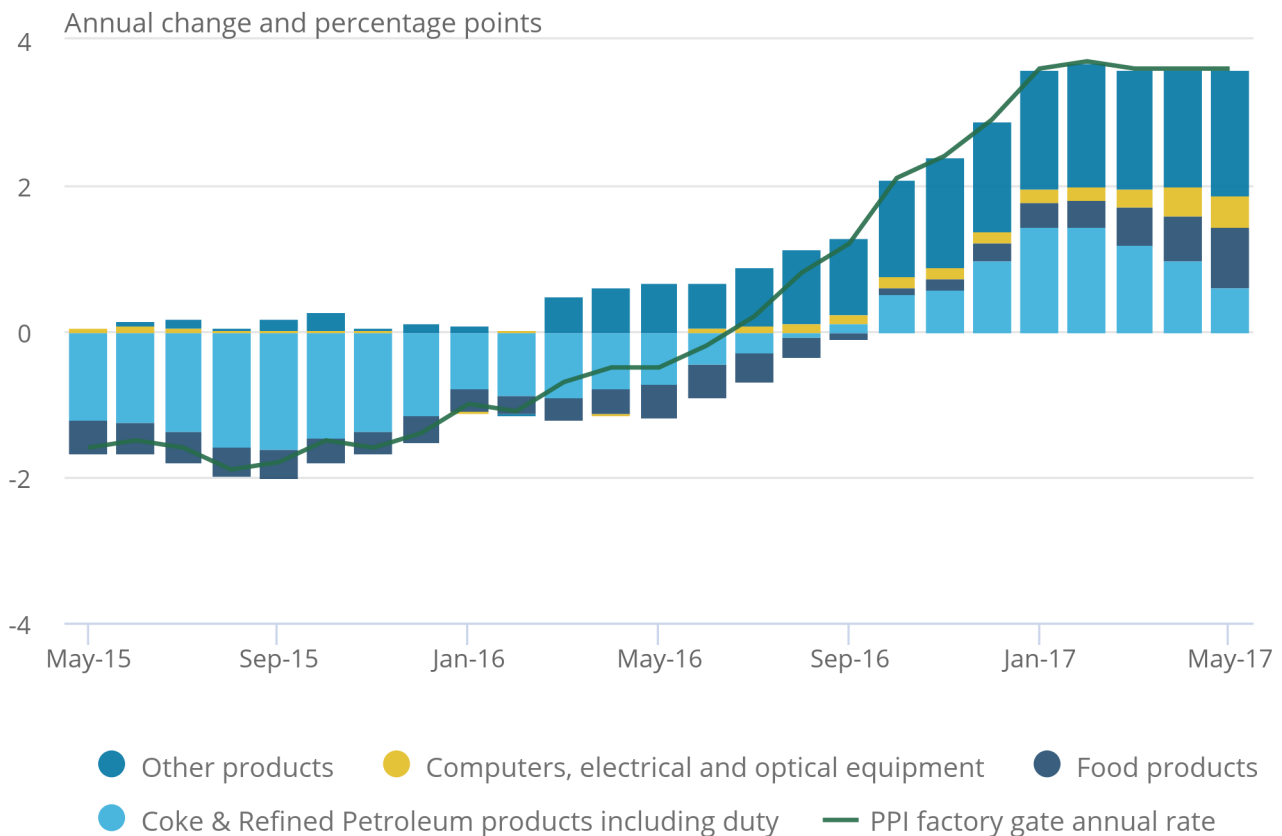


Source: Office for National Statistics

6 . Price falls for coke and refined petroleum products have been offset by rising prices for food products and computers, electrical and optical equipment

Figure 6: Annual rate of PPI factory gate inflation and contributions to the rate, May 2015 to May 2017, UK

Figure 6: Annual rate of PPI factory gate inflation and contributions to the rate, May 2015 to May 2017, UK



Source: Office for National Statistics

Notes:

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

Figure 6 shows the annual rate of factory gate price inflation along with contributions to the rate. Following the return to positive growth in July 2016, the rate increased month-on-month until January 2017. Since then the rate has been relatively flat, falling 0.1 percentage points to 3.6% in March and then remaining at that level.

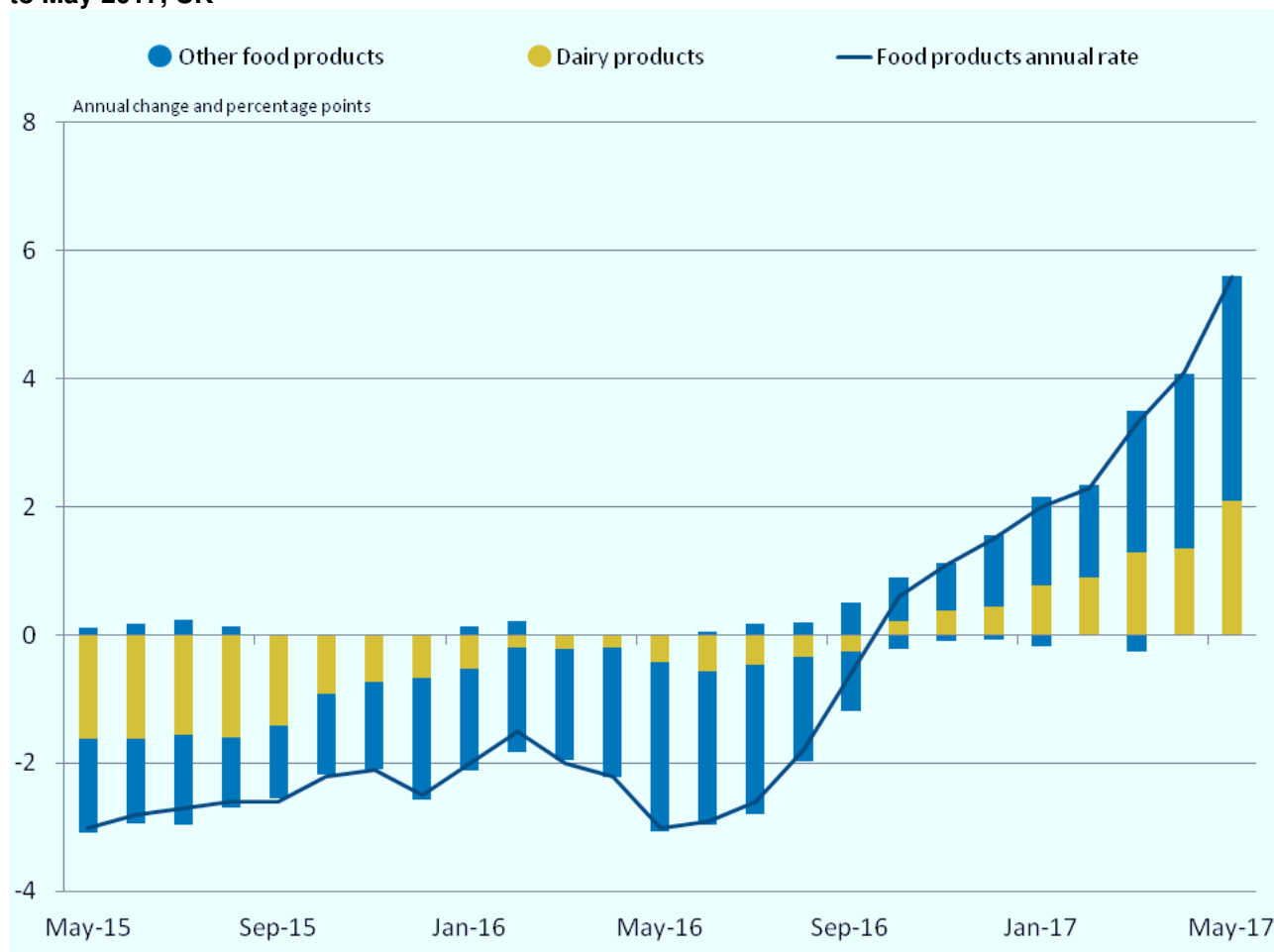
However, while the headline rate has flattened since January, the balance of contributions across industries has changed. Falling prices within the coke and refined petroleum industry have been offset by rising prices from food producers and manufacturers of computers, electrical and optical equipment.

Since February 2017, contributions from the coke and refined petroleum industry have fallen. By May 2017, the industry was no longer the largest contributor to the annual rate despite being the largest contributor for 20 of the 25 periods between May 2015 and May 2017.

The fall in prices is likely due to falling prices for inputs of crude oil, which represent an important cost in the production of coke and refined petroleum products. Prices for inputs of crude oil into manufacturing have largely fallen month-on-month since January 2017 and were down 7.6% in May (Table 3).

The fall in crude oil prices is a result of the combined effect of falling US dollar prices for crude on the world market and the impact of sterling appreciating against the dollar since October 2016. In dollar terms, crude oil prices have fallen from an average of \$55 per barrel in January 2017 to around \$50 in May. According to average monthly exchange rates published by the Bank of England (BoE), sterling has appreciated 4.9% against the dollar since October 2016. All else equal, an appreciation of sterling against the dollar leads to dollar-traded commodities such as crude oil becoming cheaper in sterling terms.

Figure 7: Annual rate of factory gate inflation for food producers and contributions to the rate, May 2015 to May 2017, UK



Source: Office for National Statistics

Figure 7 shows the annual rate of factory gate price inflation for food producers, along with the contribution to the rate from dairy products. Since November 2016, dairy products have been the largest contributor to the annual rate of inflation for food producers. In May 2017, prices were up 18.7% on the year and 4.7% on the month, the fastest rate of growth since June 2008 and October 2007 respectively.

The rise in prices for dairy products is mostly a result of supply and demand issues related to UK milk production, although rising input costs, particularly energy prices, might also be a factor. The same price pressures are also present across the EU, which may have put further pressure on UK prices. According to the latest figures from the Department for Environment, Food and Rural Affairs (DEFRA), [UK milk production was down 3.2% year-on-year in the first quarter of 2017](#). The Agriculture and Horticulture Development Board (ADHB) [put the fall down to poor weather and grazing conditions](#).

In terms of the EU, Eurostat reported that [production of raw milk was down 2.3% year-on-year in the first quarter of 2017](#) and that prices in January 2017 grew at their fastest rate for 2 years.

The next largest factor offsetting falling prices in the coke and refined petroleum industry came from rising prices set by manufacturers of computers, electrical and optical equipment. This may be a result of higher input costs for electrical components following the overall devaluation of sterling over the past 2 years.

7 . Improvements to the Import and Export Price Indices (IPI and EPI) and Services Producer Price Indices (SPPI): June 2017

Please note that we have made some changes to the scheduled programme of sample improvement release dates that was announced in [November 2016](#). The sample updates will be introduced in phases starting with updates to the Export Price Index (EPI) in July 2017 (June 2017 period).

The changes relate to when some of the sample updates for specific divisions are scheduled to be introduced; Table 1 (Sample Improvement Release Dates) within the November 2016 article, which can be accessed via the link above, has now been updated to reflect these changes.

8 . Links to related statistics

In addition to the data included within this statistical bulletin, the following detailed datasets are available:

[PPI Aerospace and Electronic Indices](#)
[PPI MM22 Producer Price Indices](#)

Higher, lower and equal movements for each Producer Price Index are shown in the [PPI records](#).

A summary of the revisions to PPI data are available in the PPI revision triangles:

[PPI Revision triangle for total output \(12 months\)](#)
[PPI Revision triangle for total output \(1 month\)](#)
[PPI Revision triangle for total input \(12 months\)](#)
[PPI Revision triangle for total input \(1 month\)](#)

Other important measures of inflation and prices include the [Consumer Prices Index \(CPI\)](#) and the [Services Producer Price Index \(SPPI\)](#).

9 . Quality and methodology

The [PPI Quality and Methodology Information document](#) contains important information on:

- the strengths and limitations of the data and how it compares with related data
- users and uses of the data
- how the output was created • the quality of the output including the accuracy of the data

If you would like more information about the reliability of the data, [a PPI standard errors article](#) was published 20 March 2017. The article presented the calculated standard errors of the Producer Price Index (PPI) during the period January 2016 to December 2016, for both month-on-month and 12-month growth.

[Guidance on using indices in indexation clauses](#) has been published. It covers producer prices, services producer prices and consumer prices.

An up-to-date manual for the PPI, including the import and export index, is now available. [PPI methods and guidance](#) provides an outline of the methods used to produce the PPI as well as information about recent PPI developments.

Gross sector basis figures, which include intra-industry sales and purchases, are shown in [PPI dataset Tables 4 and 6](#).

The detailed input indices of prices of materials and fuels purchased by industry ([PPI dataset Table 6](#)) do not include the Climate Change Levy (CCL). This is because each industry can, in practice, pay its own rate for the various forms of energy, depending on the various negotiated discounts and exemptions that apply.

1 Output Prices: Summary (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

	Net Sector						Gross Sector					
	Output of manufactured products			All manufacturing excluding food, beverages, tobacco and petroleum			Food products, beverages and tobacco, including duty			Coke and refined petroleum products, including duty		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over		Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths
	7200700000			7200799000			7111101280			7112190080		
	JVZ7			K3BI			K65A			K37Y		
2016 Nov	108.4	0.1	2.4	108.0	0.1	2.3	111.1	0.1	1.0	93.9	-0.4	8.6
Dec	108.7	0.3	2.9	108.1	0.1	2.2	111.3	0.2	1.4	95.9	2.1	15.4
2017 Jan	109.3	0.6	3.6	108.6	0.5	2.5	111.8	0.4	1.7	98.2	2.4	23.5
Feb	109.5	0.2	3.7	108.6	-	2.4	112.4r	0.5	2.1	98.6	0.4	23.6
Mar	109.9	0.4	3.6	108.9	0.3	2.5	113.6	1.1	2.3	97.2	-1.4	19.3
Apr	110.3p	0.4	3.6	109.4p	0.5	2.8	114.1p	0.4	2.6	96.5p	-0.7	15.4
May	110.4p	0.1	3.6	109.5p	0.1	2.8	115.0p	0.8	4.3	94.3p	-2.3	9.1

p = provisional
r = revised

Source: Office for National Statistics

2 Net Sector Input Prices, including Climate Change Levy¹: summary (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

	All manufacturing (materials and fuel purchased)			Materials purchased by manufacturing industry			Fuel purchased by manufacturing industry		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths
		6207000050			6207000010			6207000060	
	K646			K644			K647		
2016 Nov	104.0	-0.6	13.5	102.5	-1.1	15.2	116.9	3.7	2.3
Dec	106.5	2.4	16.6	104.9	2.3	18.9	120.7	3.3	1.9
2017 Jan	108.0	1.4	19.9	106.8	1.8	22.3	119.5	-1.0	5.5
Feb	108.0	-	19.3	106.7r	-0.1	21.7	120.3r	0.7	6.5
Mar	107.5	-0.5	16.8	106.8	0.1	19.1	113.9	-5.3	1.8
Apr	107.2p	-0.3	15.6	106.6p	-0.2	17.3	112.0p	-1.7	4.4
May	105.8p	-1.3	11.6	105.0p	-1.5	12.3	112.1p	0.1	6.7

¹ The Climate Change Levy was introduced in April 2001.

Source: Office for National Statistics

p = provisional
r = revised

3 Net Sector Output Prices (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

	Output of manufactured products			All manufacturing excluding food, beverages, tobacco and petroleum			All manufacturing, excluding duty ¹		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over		Index (2010 = 100)	percentage change over	
		1 month	12 months		1 month	12 months		1 month	12 months
	7200700000			7200799000			7200700010		
	JVZ7			K3BI			JVZ8		
2013 Nov	108.3	-0.2	0.8	104.8	-0.1	0.7	108.3	-0.1	1.0
Dec	108.3	-	1.0	104.9	0.1	1.0	108.2	-0.1	1.1
2014 Jan	108.6	0.3	0.9	105.4	0.5	1.2	108.5	0.3	1.0
Feb	108.7	0.1	0.6	105.6	0.2	1.1	108.6	0.1	0.6
Mar	108.8	0.1	0.4	105.8	0.2	1.1	108.9	0.3	0.6
Apr	108.9	0.1	0.6	105.8	-	1.0	108.9	-	0.6
May	108.8	-0.1	0.5	105.8	-	1.0	108.8	-0.1	0.6
Jun	108.7	-0.1	0.3	105.8	-	1.0	108.6	-0.2	0.3
Jul	108.6	-0.1	-0.1	105.7	-0.1	0.8	108.6	-	0.1
Aug	108.5	-0.1	-0.3	105.8	0.1	0.9	108.5	-0.1	-0.1
Sep	108.3	-0.2	-0.5	105.7	-0.1	0.8	108.4	-0.1	-0.2
Oct	107.7	-0.6	-0.7	105.5	-0.2	0.6	107.9	-0.5	-0.5
Nov	107.6	-0.1	-0.6	105.7	0.2	0.9	107.8	-0.1	-0.5
Dec	107.1	-0.5	-1.1	105.7	-	0.8	107.3	-0.5	-0.8
2015 Jan	106.6	-0.5	-1.8	105.9	0.2	0.5	107.0	-0.3	-1.4
Feb	106.8	0.2	-1.7	105.9	-	0.3	107.1	0.1	-1.4
Mar	106.9	0.1	-1.7	105.9	-	0.1	107.3	0.2	-1.5
Apr	107.0	0.1	-1.7	105.9	-	0.1	107.4	0.1	-1.4
May	107.1	0.1	-1.6	105.9	-	0.1	107.4	-	-1.3
Jun	107.1	-	-1.5	105.9	-	0.1	107.4	-	-1.1
Jul	106.9	-0.2	-1.6	105.9	-	0.2	107.3	-0.1	-1.2
Aug	106.4	-0.5	-1.9	105.8	-0.1	-	106.8	-0.5	-1.6
Sep	106.3	-0.1	-1.8	105.9	0.1	0.2	106.7	-0.1	-1.6
Oct	106.1	-0.2	-1.5	105.8	-0.1	0.3	106.5	-0.2	-1.3
Nov	105.9	-0.2	-1.6	105.6	-0.2	-0.1	106.3	-0.2	-1.4
Dec	105.6	-0.3	-1.4	105.8	0.2	0.1	106.1	-0.2	-1.1
2016 Jan	105.5	-0.1	-1.0	106.0	0.2	0.1	106.1	-	-0.8
Feb	105.6	0.1	-1.1	106.1	0.1	0.2	106.2	0.1	-0.8
Mar	106.1	0.5	-0.7	106.2	0.1	0.3	106.6	0.4	-0.7
Apr	106.5	0.4	-0.5	106.4	0.2	0.5	107.0	0.4	-0.4
May	106.6	0.1	-0.5	106.5	0.1	0.6	107.0	-	-0.4
Jun	106.9	0.3	-0.2	106.6	0.1	0.7	107.3	0.3	-0.1
Jul	107.1	0.2	0.2	107.2	0.6	1.2	107.5	0.2	0.2
Aug	107.3	0.2	0.8	107.4	0.2	1.5	107.7	0.2	0.8
Sep	107.6	0.3	1.2	107.4	-	1.4	108.0	0.3	1.2
Oct	108.3	0.7	2.1	107.9	0.5	2.0	108.8	0.7	2.2
Nov	108.4	0.1	2.4	108.0	0.1	2.3	108.8	-	2.4
Dec	108.7	0.3	2.9	108.1	0.1	2.2	109.1	0.3	2.8
2017 Jan	109.3	0.6	3.6	108.6	0.5	2.5	109.7	0.5	3.4
Feb	109.5	0.2	3.7	108.6	-	2.4	109.9	0.2	3.5
Mar	109.9	0.4	3.6	108.9	0.3	2.5	110.2	0.3	3.4
Apr	110.3p	0.4	3.6	109.4p	0.5	2.8	110.6p	0.4	3.4
May	110.4p	0.1	3.6	109.5p	0.1	2.8	110.7p	0.1	3.5

¹ Series JVZ8 excludes excise duties payable on tobacco products, alcoholic liquor and petroleum products.

Source: Office for National Statistics

p = provisional
r = revised

4 Output Prices: Detailed by product (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

			2017 Jan	2017 Feb	2017 Mar	2017 Apr	2017 May	Percentage change 1 month		Percentage change 12 months	
								2017 Apr	2017 May	2017 Apr	2017 May
Net sector											
Output of manufactured products	JVZ7	7200700000	109.3	109.5	109.9	110.3p	110.4p	0.4	0.1	3.6	3.6
All manufacturing, excluding duty	JVZ8	7200700010	109.7	109.9	110.2	110.6p	110.7p	0.4	0.1	3.4	3.5
All manufacturing, excluding food, beverages, tobacco and petroleum	K3BI	7200799000	108.6	108.6	108.9	109.4p	109.5p	0.5	0.1	2.8	2.8
Gross Sector											
Food products, beverages and tobacco, including duty	K65A	7111101280	111.8	112.4r	113.6	114.1p	115.0p	0.4	0.8	2.6	4.3
Food products	K37L	7112100000	110.8r	111.4r	112.6	113.2p	114.2p	0.5	0.9	4.1	5.6
Tobacco products, including duty	K37Q	7112120080	153.0	153.0	158.1	157.6p	157.6p	-0.3	-	4.9	4.9
Alcoholic beverages, including duty	MC6A	7229110080	110.6 B	110.9 B	112.0 B	112.5pB	112.8pB	0.4	0.3	1.9	2.3
Soft drinks, mineral waters and other bottled waters	JU5C	1107000000	103.9 B	103.8 B	103.8 B	103.8pB	104.0pB	-	0.2	-5.1	-0.1
Textiles	K37R	7112130000	112.2	112.5	112.7	113.0p	113.0p	0.3	-	-0.5	0.5
Wearing apparel	K37S	7112140000	114.1	114.2	114.6	114.6p	114.6p	-	-	1.1	1.1
Leather and related products	K37T	7112150000	122.7	123.4	123.4	123.0p	124.2p	-0.3	1.0	2.7	3.2
Wood and products of wood and cork, except furniture	K37U	7112160000	116.5	116.9	117.4	118.0p	118.1p	0.5	0.1	3.8	4.0
Paper and paper products	K37V	7112170000	107.0r	107.3r	107.0	107.1p	107.5p	0.1	0.4	0.1	0.2
Printing and recording services	K37W	7112180000	102.0	102.0	102.1	102.4p	102.2p	0.3	-0.2	2.7	2.4
Coke and refined petroleum products, including duty	K37Y	7112190080	98.2	98.6	97.2	96.5p	94.3p	-0.7	-2.3	15.4	9.1
Chemicals and chemical products	K37Z	7112200000	102.7	103.7r	104.2	105.1p	105.4p	0.9	0.3	6.4	6.8
Basic pharmaceutical products and pharmaceutical preparations	K382	7112210000	108.5	108.4	107.8	107.8p	107.5p	-	-0.3	2.7	2.4
Rubber and plastic products	K383	7112220000	110.3	110.5	111.0	111.3p	111.8p	0.3	0.4	1.6	2.1
Other non-metallic mineral products	K384	7112230000	114.9r	115.2	115.2	115.4p	115.5p	0.2	0.1	1.9	1.7
Basic metals	K385	7112240000	106.0	107.6	107.9	108.3p	107.9p	0.4	-0.4	19.0	15.0
Fabricated metal products, except machinery and equipment	K386	7112250000	108.0	108.4	109.4	109.8p	110.1p	0.4	0.3	3.8	4.0
Computer, electronic and optical products	K387	7112260000	100.0	100.0	100.1	101.8p	101.8p	1.7	-	3.6	3.7
Electrical equipment	K388	7112270000	105.1	105.5	105.9	106.4p	106.5p	0.5	0.1	3.0	3.0
Machinery and equipment n.e.c.	K389	7112280000	115.5r	115.5r	115.9	115.8p	115.8p	-0.1	-	2.8	3.0
Motor vehicles, trailers and semi-trailers	K38A	7112290000	104.0	103.9	104.4	104.9p	105.1p	0.5	0.2	3.3	3.8
Other transport equipment	K38B	7112300000	114.1	113.8	113.9	113.9p	113.7p	-	-0.2	3.5	2.8
Furniture	K38C	7112310000	112.4	111.6	111.8	112.4p	112.8p	0.5	0.4	2.7	2.7
Other manufactured goods	K38D	7112320000	110.9	110.2	110.6	110.8p	110.6p	0.2	-0.2	0.1	-0.3
Repair and installation services of machinery and equipment	K38E	7112330000	127.1	127.6	128.1	127.6p	127.1p	-0.4	-0.4	6.2	6.2

p = provisional
r = revised

Source: Office for National Statistics

B: These index values are considered less reliable mainly due to lack of market coverage.

5 Net Sector Input Prices, including Climate Change Levy¹: Materials and Fuels purchased - SIC 2007

2010=100, SIC2007

	All manufacturing			All manufacturing excluding food, beverages, tobacco and petroleum industries					
	not seasonally adjusted			not seasonally adjusted			seasonally adjusted		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
		1 month	12 months		1 month	12 months		1 month	12 months
	6207000050			6207990050			6207998950		
	K646			K655			K658		
2013 Nov	114.9	-0.6	-0.9	107.5	-0.3	-1.0	107.7	-0.5	-1.1
Dec	115.3	0.3	-0.9	107.2	-0.3	-1.4	107.2	-0.5	-1.6
2014 Jan	114.3	-0.9	-2.9	106.8	-0.4	-2.8	103.2	-3.7	-5.8
Feb	113.7	-0.5	-5.8	106.4	-0.4	-5.1	105.8	2.5	-4.9
Mar	113.3	-0.4	-6.3	106.6	0.2	-5.4	105.4	-0.4	-5.3
Apr	112.3	-0.9	-5.3	105.5	-1.0	-5.0	105.1	-0.3	-4.8
May	112.5	0.2	-3.9	105.0	-0.5	-3.9	105.1	-	-3.8
Jun	111.4	-1.0	-4.6	104.6	-0.4	-3.5	105.1	-	-3.5
Jul	109.5	-1.7	-7.5	103.8	-0.8	-5.2	104.8	-0.3	-4.8
Aug	108.4	-1.0	-7.5	104.3	0.5	-4.0	105.1	0.3	-4.0
Sep	107.5	-0.8	-7.4	104.7	0.4	-2.7	105.5	0.4	-2.8
Oct	106.2	-1.2	-8.1	105.2	0.5	-2.4	105.3	-0.2	-2.7
Nov	105.4	-0.8	-8.3	105.7	0.5	-1.7	105.4	0.1	-2.1
Dec	101.9	-3.3	-11.6	104.7	-0.9	-2.3	104.5	-0.9	-2.5
2015 Jan	98.2	-3.6	-14.1	103.4	-1.2	-3.2	103.2	-1.2	-
Feb	98.4	0.2	-13.5	102.1	-1.3	-4.0	101.6	-1.6	-4.0
Mar	98.5	0.1	-13.1	101.9	-0.2	-4.4	100.9	-0.7	-4.3
Apr	99.8	1.3	-11.1	101.5	-0.4	-3.8	101.0	0.1	-3.9
May	99.1	-0.7	-11.9	100.8	-0.7	-4.0	100.8	-0.2	-4.1
Jun	96.9	-2.2	-13.0	99.9	-0.9	-4.5	100.2	-0.6	-4.7
Jul	95.5	-1.4	-12.8	98.9	-1.0	-4.7	99.8	-0.4	-4.8
Aug	92.6	-3.0	-14.6	97.9	-1.0	-6.1	98.4	-1.4	-6.4
Sep	93.1	0.5	-13.4	98.7	0.8	-5.7	99.0	0.6	-6.2
Oct	93.1	-	-12.3	98.0	-0.7	-6.8	97.7	-1.3	-7.2
Nov	91.6	-1.6	-13.1	96.7	-1.3	-8.5	96.2	-1.5	-8.7
Dec	91.3	-0.3	-10.4	97.8	1.1	-6.6	97.3	1.1	-6.9
2016 Jan	90.1	-1.3	-8.2	98.0	0.2	-5.2	97.6	0.3	-5.4
Feb	90.5	0.4	-8.0	98.5	0.5	-3.5	98.2	0.6	-3.3
Mar	92.0	1.7	-6.6	99.0	0.5	-2.8	98.4	0.2	-2.5
Apr	92.7	0.8	-7.1	99.3	0.3	-2.2	99.2	0.8	-1.8
May	94.8	2.3	-4.3	98.9	-0.4	-1.9	99.5r	0.3	-1.3
Jun	96.4	1.7	-0.5	99.6	0.7	-0.3	100.3	0.8	0.1
Jul	99.5	3.2	4.2	103.9	4.3	5.1	104.7	4.4	4.9
Aug	99.8	0.3	7.8	104.1	0.2	6.3	104.6	-0.1	6.3
Sep	100.2	0.4	7.6	103.9	-0.2	5.3	104.3	-0.3	5.4
Oct	104.6	4.4	12.4	107.9	3.8	10.1	107.5	3.1	10.0
Nov	104.0	-0.6	13.5	107.6	-0.3	11.3	107.1	-0.4	11.3
Dec	106.5	2.4	16.6	107.9	0.3	10.3	107.5	0.4	10.5
2017 Jan	108.0	1.4	19.9	109.6	1.6	11.8	109.0	1.4	11.7
Feb	108.0	-	19.3	109.6	-	11.3	109.3	0.3	11.3
Mar	107.5	-0.5	16.8	109.8	0.2	10.9	109.2	-0.1	11.0
Apr	107.2p	-0.3	15.6	109.0p	-0.7	9.8	109.0p	-0.2	9.9
May	105.8p	-1.3	11.6	108.4p	-0.6	9.6	109.1p	0.1	9.6

1 The Climate Change Levy was introduced in April 2001.

Source: Office for National Statistics

p = provisional
r = revised

6 Input Prices, excluding Climate Change Levy¹: Materials and Fuels purchased by selected industries (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

									% change 1 month		% change 12 months	
				2017 Jan	2017 Feb	2017 Mar	2017 Apr	2017 May	2017 Apr	2017 May	2017 Apr	2017 May
Gross sector												
Other mining & quarrying products ²	MC3K	6107208000		118.0	118.2	117.8	117.7p	117.9p	-0.1	0.2	4.6	4.8
Manufacture of food products, beverages, tobacco	MC35	6107110120		115.2	115.5	116.0	116.5p	117.0p	0.4	0.4	10.0	7.9
Preserved meat & meat products	MC3V	6107310100		116.7	117.1	117.6	118.2p	118.7p	0.5	0.4	11.8	8.6
Fish, crustaceans, molluscs, fruit & vegetables	MB4X	6107310230		117.9r	116.9r	117.6	121.0p	121.3p	2.9	0.2	11.7	9.9
Vegetable & animal oils and fats	MC3W	6107310400		122.6	123.1	123.3	121.9p	122.5p	-1.1	0.5	11.8	8.2
Dairy products	MC3X	6107310500		118.6	119.5r	120.3	120.4p	120.8p	0.1	0.3	17.6	11.7
Grain mill products, starches & starch products	MC3Y	6107310600		115.6r	116.1	116.2	116.3p	116.8p	0.1	0.4	10.9	7.9
Bakery & farinaceous products	MC3Z	6107310700		111.5r	111.9	112.2	112.1p	113.1p	-0.1	0.9	5.4	6.1
Other food products	MB4Y	6107310800		111.5	111.9	112.8	113.2p	113.8p	0.4	0.5	7.7	7.1
Animal feeds	MC42	6107310900		114.9	115.3	115.4	115.4p	116.1p	-	0.6	8.1	6.7
Alcoholic Beverages	MB55	6107411016		110.4	110.8	110.5	110.4p	110.6p	-0.1	0.2	4.6	4.6
Soft drinks; mineral waters & other bottled waters	MC4D	6107411070		108.6	108.8	109.9	110.4p	110.7p	0.5	0.3	4.3	4.6
Tobacco products	MC3M	6107212000		149.8	149.9	148.2	147.7p	147.8p	-0.3	0.1	2.6	2.7
Manufacture of textiles & textile products; clothing	MC36	6107113140		111.7	112.0	112.3	112.3p	112.4p	-	0.1	3.1	4.0
Textiles	MB4P	6107213000		110.5	110.9r	111.2	111.4p	111.5p	0.2	0.1	4.1	4.9
Wearing apparel	MC3N	6107214000		113.5	113.6	113.8	113.6p	113.6p	-0.2	-	1.7	2.5
Manufacture of leather & related products	MC3O	6107215000		113.1r	113.3r	113.6	114.2p	115.0p	0.5	0.7	4.0	5.1
Manufacture of wood & wood products	MC3P	6107216000		114.6r	115.0r	115.2	115.4p	115.3p	0.2	-0.1	6.0	5.9
Manufacture of pulp, paper & paper products, recording media & printing services	MC39	6107117180		108.1r	108.3	108.0	107.9p	108.2p	-0.1	0.3	2.7	3.1
Pulp, paper & paper products	MB4Q	6107217000		108.3	108.6	108.1	107.9p	108.3p	-0.2	0.4	3.1	3.8
Printing & recording services	MC3Q	6107218000		107.8	107.9r	107.8	107.8p	108.1p	-	0.3	2.0	2.4
Manufacture of coke & refined petroleum products	MC3R	6107219000		90.9	90.5	87.0	87.0p	81.5p	-	-6.3	37.7	18.8
Manufacture of chemicals, chemical products & man-made fibres	MC3B	6107120000		104.0	105.2r	105.9	106.6p	106.6p	0.7	-	10.1	10.1
Paints, varnishes & similar coatings, printing ink & mastics	MC43	6107320300		106.0	107.0r	107.7	108.3p	108.6p	0.6	0.3	8.5	8.8
Soaps, detergents, cleaning & polishing preparations perfumes & toilet preparations	MC44	6107320400		106.6	107.0r	107.5	107.7p	108.0p	0.2	0.3	4.6	5.0
Other chemical products	MC45	6107320500		106.8	107.6	107.8	108.0p	107.9p	0.2	-0.1	8.1	7.9
Industrial gases; other basic inorganic chemicals; fertilisers & nitrogen compounds	MC4E	6107420910		107.7	108.7	108.9	109.1p	109.1p	0.2	-	8.9	9.0
Petrochemicals & man made fibres	MC4F	6107420920		102.2	103.6r	104.6	105.6p	105.6p	1.0	-	11.5	11.5
Dyes & pigments: pesticides & other agrochemical products	MC4G	6107420930		108.0	108.5r	107.7	107.9p	107.7p	0.2	-0.2	11.9	11.4
Manufacture of basic pharmaceutical products & pharmaceutical preparations	MC3S	6107221000		106.7	107.0	106.8	106.9p	106.8p	0.1	-0.1	4.8	4.8
Manufacture of rubber & plastic products	MB4R	6107222000		105.7	106.6r	107.3	108.1p	108.3p	0.7	0.2	8.0	8.2
Manufacture of cement, lime & plaster	MC46	6107323560		114.9	115.4r	114.9	114.8p	114.8p	-0.1	-	5.6	5.7
Manufacture of glass, refractory, clay, other porcelain, ceramic stone products	MB4Z	6107323990		111.0	111.6r	111.2	111.2p	111.4p	-	0.2	6.1	6.7

¹ Climate Change Levy is excluded from the detailed industry input index, (see background notes of this Statistical Bulletin for more detail).

Source: Office for National Statistics

² Indices includes the Aggregate Levy which was introduced in April 2002.

p = provisional
r = revised

6 Input Prices, excluding Climate Change Levy¹: Materials and Fuels purchased by selected industries (not seasonally adjusted) - SIC 2007

continued

2010=100, SIC2007

								% change 1 month		% change 12 months	
			2017 Jan	2017 Feb	2017 Mar	2017 Apr	2017 May	2017 Apr	2017 May	2017 Apr	2017 May
Manufacture of basic metals & fabricated products	MC3F	6107124250	106.8	107.6	107.6	107.4p	106.4p	-0.2	-0.9	14.1	11.4
Basic iron, steel & alloys: tubes, pipes, hollow profiles	MC47	6107324130	107.0	107.8	107.4	107.0p	106.0p	-0.4	-0.9	18.9	14.2
Other basic metals & casting	MB52	6107324450	104.9	105.8	105.4	105.1p	103.1p	-0.3	-1.9	16.9	13.3
Weapons & ammunition	MC48	6107325400	107.9r	108.0	108.0	107.9p	108.0p	-0.1	0.1	4.6	4.9
Fabricated metal products, excluding machinery & equipment & weapons & ammunition	MB53	6107325990	107.6	108.3	108.7	108.5p	108.0p	-0.2	-0.5	12.2	10.3
Manufacture of computer, electronic and optical products, electrical equipment	MC3G	6107126270	108.8	109.0	109.4	109.7p	109.3p	0.3	-0.4	6.9	6.6
Computer, electronic & optical products	MB4S	6107226000	109.3	109.3	109.7	109.9p	109.6p	0.2	-0.3	6.3	6.2
Electrical equipment	MB4T	6107227000	108.1	108.5	109.1	109.2p	109.0p	0.1	-0.2	7.8	7.5
Manufacture of machinery & equipment n.e.c	MB4U	6107228000	109.8	110.1	110.6	110.4p	110.2p	-0.2	-0.2	7.4	6.9
Manufacturing of motor vehicles & other transport equipment	MC3I	6107129300	107.0	107.1	107.7	107.6p	107.6p	-0.1	-	5.5	5.6
Motor vehicles, trailers & semi trailers	MB4V	6107229000	104.7	104.8	105.4	105.4p	105.5p	-	0.1	5.3	5.5
Ships & boats	MC49	6107330100	111.4	111.6	111.7	111.6p	111.6p	-0.1	-	5.5	5.4
Aircraft & spacecraft & related machinery	MC4A	6107330300	115.5	115.8	116.1	115.7p	115.3p	-0.3	-0.3	6.0	6.0
Other transport equipment	MB54	6107330990	109.6	109.8	109.9	109.9p	110.0p	-	0.1	5.2	5.1
Manufacture of other manufactured goods n.e.c	MC3J	6107131330	113.5	113.8	114.2	114.1p	113.8p	-0.1	-0.3	6.6	6.4
Furniture	MC3T	6107231000	110.0r	110.3	110.7	110.9p	110.9p	0.2	-	6.8	6.3
Other manufacturing	MB4W	6107232000	110.4	110.6	111.0	111.1p	110.9p	0.1	-0.2	6.4	6.2
Repair of maintenance of ships & boats	MC4H	6107433150	112.3	112.5	112.5	112.4p	112.4p	-0.1	-	5.0	5.1
Repair & maintenance services of aircraft & spacecraft	MC4I	6107433160	128.8	129.4	130.0	128.9p	127.7p	-0.8	-0.9	7.5	7.0
Other repair; installation	MB56	6107433990	108.8	108.9	109.3	109.3p	109.1p	-	-0.2	6.1	5.9

1 Climate Change Levy is excluded from the detailed industry input index, (see background notes of this Statistical Bulletin for more detail).

Source: Office for National Statistics

2 Indices includes the Aggregate Levy which was introduced in April 2002.

p = provisional
r = revised

7 Input Prices: detailed by commodity (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

								% change 1 month		% change 12 months	
			2017 Jan	2017 Feb	2017 Mar	2017 Apr	2017 May	2017 Apr	2017 May	2017 Apr	2017 May
Fuel incl. CCL¹	K647	6207000060	119.5	120.3r	113.9	112.0p	112.1p	-1.7	0.1	4.4	6.7
Domestic coal & lignite incl. CCL	MC78	7167205005	147.4	151.7	148.6	149.2p	124.9p	0.4	-16.3	58.1	21.3
Imported coal & lignite incl. CCL	MC8U	7169205005	113.7	130.4r	114.8	114.8p	114.8p	-	-	37.6	64.7
Electricity incl. CCL	MC8F	7167335105	121.6	121.5r	116.6	115.7p	116.5p	-0.8	0.7	1.8	3.1
Gas incl. CCL	MC8H	7167335235	115.2	117.2	108.5	104.9p	104.4p	-3.3	-0.5	7.4	12.6
Fuel excl. CCL	K645	6207000020	119.0	119.6r	113.3	111.2p	111.3p	-1.9	0.1	4.3	6.7
Domestic coal & lignite excl. CCL	MC77	7167205000	150.8	155.5	152.1	152.7p	126.0p	0.4	-17.5	65.4	23.9
Imported coal & lignite excl. CCL	MC8T	7169205000	113.9	130.9	115.1	115.0p	115.1p	-0.1	0.1	38.9	66.8
Electricity excl. CCL	MC8E	7167335100	121.5	121.4r	116.5	115.7p	116.5p	-0.7	0.7	1.8	3.2
Gas excl. CCL	MC8G	7167335230	114.8	116.0	107.4	103.0p	102.6p	-4.1	-0.4	7.2	12.5
Crude petroleum oils & metal ores	MC4P	6207008700	87.2	86.5	82.7	83.1p	76.8p	0.5	-7.6	43.3	20.0
Domestic crude oil & metal ores	MC79	7167206070	85.2	84.9	79.7	82.2p	74.9p	3.1	-8.9	47.6	21.2
Imported crude oil & metal ores	MC8V	7169206070	88.2	87.3	84.1	83.4p	77.7p	-0.8	-6.8	41.1	19.5
Food manufacturing:											
Home produced food materials	MB57	6207008100	119.6r	121.2	121.9	123.1p	123.1p	1.0	-	25.0	13.1
Agricultural crop products	MC74	7167201000	119.7	122.0	122.6	122.8p	122.7p	0.2	-0.1	25.6	13.0
Fish & other fish products	MC76	7167203000	116.6	109.7r	110.9	128.6p	129.5p	16.0	0.7	17.3	16.2
Imported food materials	MC4O	6207008600	123.7r	120.8r	122.5	122.8p	124.1p	0.2	1.1	13.4	12.8
Agricultural crop products	MC8Q	7169201000	134.5r	129.5r	131.8	132.4p	132.5p	0.5	0.1	13.6	13.9
Fish & fish products	MC8S	7169203000	165.3	163.8	165.0	172.6p	170.0p	4.6	-1.5	16.8	16.5
Meat & meat products	MC9F	7169310100	106.7r	104.4r	106.0	108.1p	112.2p	2.0	3.8	13.2	17.9
Processed fish & fish products; fruit & vegetables	MC9G	7169310230	125.8	124.9	126.9	126.5p	129.1p	-0.3	2.1	7.4	9.0
Vegetable, animal oils & fats	MC9H	7169310400	112.9	112.7	112.3	107.5p	106.4p	-4.3	-1.0	20.7	4.2
Dairy products	MC9I	7169310500	107.0	105.3	107.2	108.6p	112.1p	1.3	3.2	11.6	14.4
Grain mill products & starches	MC9J	7169310600	118.1r	116.4	118.1	118.7p	121.7p	0.5	2.5	11.6	12.6
Bakery & farinaceous products	MC9K	7169310700	111.0	109.3	111.2	112.5p	116.0p	1.2	3.1	11.6	14.1
Other food products	MC9L	7169310800	115.4	113.9	115.5	116.1p	118.9p	0.5	2.4	11.1	12.2
Prepared animal feeds	MC9M	7169310900	112.2	110.6	112.3	113.3p	116.6p	0.9	2.9	11.5	13.4
Other home produced materials	MC4J	6207008200	118.6r	119.2r	118.9	119.6p	121.3p	0.6	1.4	1.4	2.4
Forestry products	MC75	7167202000	160.1r	160.1r	160.1	160.1p	160.1p	-	-	13.5	13.5
Other mining & quarrying products	MC7A	7167208000	115.7	116.6	116.2	117.4p	119.8p	1.0	2.0	0.7	2.3
Water collection, treatment & supply	MC7R	7167236000	116.2	116.2	116.2	115.7p	115.7p	-0.4	-	-0.4	-0.4
Imported metals	MC4K	6207008300	107.4r	107.9	110.3	108.0p	105.0p	-2.1	-2.8	26.5	21.1
Basic iron, steel & ferro alloys, tubes & pipes	MC9S	7169324130	114.6	113.7	117.3	112.7p	109.6p	-3.9	-2.8	23.2	16.0
Other basic metals & casting	MC9T	7169324450	103.8r	105.0	106.8	105.6p	102.7p	-1.1	-2.7	28.3	24.0
Imported chemicals	MC4L	6207008400	107.7	108.2r	110.2	110.3p	110.0p	0.1	-0.3	9.4	9.7
Paints, varnishes & coatings, printing inks & other mastics	MC9N	7169320300	107.7	108.1r	109.9	108.8p	109.3p	-1.0	0.5	9.0	10.5
Soap, detergents, cleaning & polishing preparations, perfumes & toilet preparations	MC9O	7169320400	106.7	106.2r	107.6	107.7p	107.8p	0.1	0.1	11.4	12.2

1 The Climate Change Levy was introduced in April 2001.

Source: Office for National Statistics

7 Input Prices: detailed by commodity (not seasonally adjusted) - SIC 2007

continued

2010=100, SIC2007

								% change 1 month		% change 12 months	
			2017 Jan	2017 Feb	2017 Mar	2017 Apr	2017 May	2017 Apr	2017 May	2017 Apr	2017 May
Other chemical products	MC9P	7169320500	107.7	107.9	109.0	109.3p	110.5p	0.3	1.1	7.9	9.0
Industrial gases, inorganic chemicals, fertilisers & nitrogen compounds	MCA3	7169420910	108.3	110.5r	112.6	110.4p	108.7p	-2.0	-1.5	8.0	9.9
Petrochemicals & man made fibres	MCA4	7169420920	105.7	106.1	108.7	109.5p	109.2p	0.7	-0.3	11.5	11.8
Dyes & pigments; pesticides & other agro-chemical products	MCA5	7169420930	119.9	119.4	121.2	120.7p	121.0p	-0.4	0.2	12.9	14.0
Basic pharmaceutical products & pharmaceutical preparations	MC97	7169221000	99.3	99.0	99.4	98.9p	98.9p	-0.5	-	4.8	4.8
Rubber & plastic products	MC98	7169222000	114.2	114.1	115.6	115.0p	114.8p	-0.5	-0.2	5.9	5.3
Other imported parts & equipment	MC4N	6207008520	105.9	105.2	106.1	105.3p	105.2p	-0.8	-0.1	6.1	7.1
Computer, electronic & optical products	MC99	7169226000	131.4	130.3	131.5	129.6p	128.1p	-1.4	-1.2	11.6	11.7
Electrical equipment	MC9A	7169227000	113.8	113.5	114.9	113.6p	112.9p	-1.1	-0.6	7.8	8.1
Machinery & equipment n.e.c	MC9B	7169228000	113.7	113.5	114.8	113.0p	112.8p	-1.6	-0.2	8.9	9.5
Motor vehicles, trailers & semi-trailers	MC9C	7169229000	87.3	85.9	86.0	87.5p	89.4p	1.7	2.2	-3.6	-0.2
Weapons & ammunition	MC9U	7169325400	87.0	86.9	88.8	87.4p	86.5p	-1.6	-1.0	8.7	8.5
Fabricated metal products	MC9V	7169325990	85.7	85.6	87.3	85.9p	84.9p	-1.6	-1.2	8.7	8.4
Ships & boats	MC9W	7169330100	112.3	112.2	113.0	113.0p	113.1p	-	0.1	6.5	6.7
Aircraft, spacecraft & related machinery	MC9X	7169330300	109.0	108.4	107.0	107.0p	108.3p	-	1.2	1.1	2.9
Other transport equipment	MC9Y	7169330990	108.5	108.1	107.8	107.7p	109.0p	-0.1	1.2	2.8	4.4
Other imports	MC4M	6207008510	117.2	117.3r	118.2	117.0p	116.8p	-1.0	-0.2	8.0	8.9
Forestry products	MC8R	7169202000	115.6	116.7	116.5	115.0p	113.8p	-1.3	-1.0	5.0	4.4
Other mining & quarrying products	MC8W	7169208000	148.5	146.4	148.2	145.3p	142.1p	-2.0	-2.2	11.0	10.0
Tobacco products	MC8X	7169212000	99.2	98.3	99.6	97.5p	98.0p	-2.1	0.5	3.8	5.4
Textiles	MC8Y	7169213000	122.4	121.4	122.8	121.3p	121.3p	-1.2	-	8.2	9.1
Wearing apparel	MC8Z	7169214000	120.1	118.7	120.5	117.7p	117.8p	-2.3	0.1	4.4	5.7
Leather & related leather products	MC92	7169215000	120.4r	119.7r	120.5	119.7p	120.2p	-0.7	0.4	8.6	9.4
Wood & wooden products	MC93	7169216000	108.6	109.3	109.9	110.1p	109.7p	0.2	-0.4	11.4	11.3
Paper & paper products	MC94	7169217000	103.9	103.5	104.6	103.8p	104.4p	-0.8	0.6	3.7	5.6
Printing & recording services	MC95	7169218000	107.0	106.0	107.3	106.9p	106.5p	-0.4	-0.4	10.2	10.7
Coke & refined petroleum products	MC96	7169219000	148.5	150.9	150.7	149.0p	149.4p	-1.1	0.3	14.3	16.1
Furniture	MC9D	7169231000	61.3	63.0	63.4	63.0p	62.9p	-0.6	-0.2	6.8	7.0
Glass, refractory, clay other porcelain, ceramic stone & abrasive products	MC9R	7169323990	110.9	111.6	112.8	111.3p	111.2p	-1.3	-0.1	5.9	6.6
Cement, lime, plaster & articles of concrete, cement & plaster	MC9Q	7169323560	110.9	111.5r	112.8	111.2p	111.1p	-1.4	-0.1	5.9	6.5
Alcoholic beverages	MC9Z	7169411016	108.7	107.8	109.2	107.1p	106.7p	-1.9	-0.4	4.5	6.2
Soft drinks, mineral water & other bottled waters	MCA2	7169411070	115.9	114.8	116.5	114.1p	114.4p	-2.1	0.3	3.1	5.9
Other manufactured goods n.e.c	MC9E	7169232000	106.5	106.4	107.5	105.7p	104.7p	-1.7	-0.9	3.7	3.2
Imported materials											
All imported materials - total (incl Crude Oil)	K64F	6207008500	106.0	105.5	106.1	105.4p	103.9p	-0.7	-1.4	14.7	11.8

1 The Climate Change Levy was introduced in April 2001.

Source: Office for National Statistics

p = provisional
r = revised

8R Output Prices: revisions (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

	Output of manufactured products			All manufacturing excluding food, beverages, tobacco and petroleum		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
		1 month	12 months		1 month	12 months
	7200700000			7200799000		
	JVZ7			K3BI		
2013 Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2014 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2015 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2016 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2017 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	..	..	..	..	..	..

Please see Statistical Bulletin section entitled 'Revisions' for further information.

Source: Office for National Statistics

9R Net Sector Input Prices, including Climate Change Levy¹: revisions - SIC 2007

2010=100, SIC2007

	All manufacturing industries			All manufacturing excluding food, beverages, tobacco and petroleum industries					
	not seasonally adjusted			not seasonally adjusted			seasonally adjusted		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
	1 month	12 months		1 month	12 months		1 month	12 months	
	6207000050 K646			6207990050 K655			6207998950 K658		
2013 Nov	-	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-	-
2014 Jan	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-	-
2015 Jan	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-	-
2016 Jan	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	0.2	0.2	0.2
Jun	-	-	-	-	-	-	-	-0.2	-
Jul	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-	-
2017 Jan	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-
Mar	-0.5	-0.5	-0.6	-0.6	-0.5	-0.6	-0.6	-0.6	-0.6
Apr	-0.9	-0.4	-1.0	-0.7	-0.1	-0.7	-0.7	-0.1	-0.7
May	..	..	..	..	..	..	..	..	..

¹ The Climate Change levy was introduced in April 2001.
Please see Statistical Bulletin section entitled 'Revisions' for further information.

Source: Office for National Statistics