

Statistical bulletin

# Producer price inflation, UK: November 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 headline rate of inflation for goods leaving the factory gate (output prices) rose 3.0% on the year to November 2017, up from 2.8% in October 2017.
- Prices for materials and fuels (input prices) rose 7.3% on the year to November 2017, up from 4.8% in October 2017.
- All industries provided upward contributions to both input and output annual inflation; the largest contributors to the change in the annual rates were crude oil and petroleum products respectively.
- Core input inflation was 4.6% on the year to November 2017, up from 3.4% in October 2017.

# 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.

The use of core input inflation removes the more volatile indices of food, tobacco, beverages and petrol from our price values.

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 Value Added Tax (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 four-character alpha-numeric code, which can be used to find series when using the [time series dataset](#) for PPI.

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

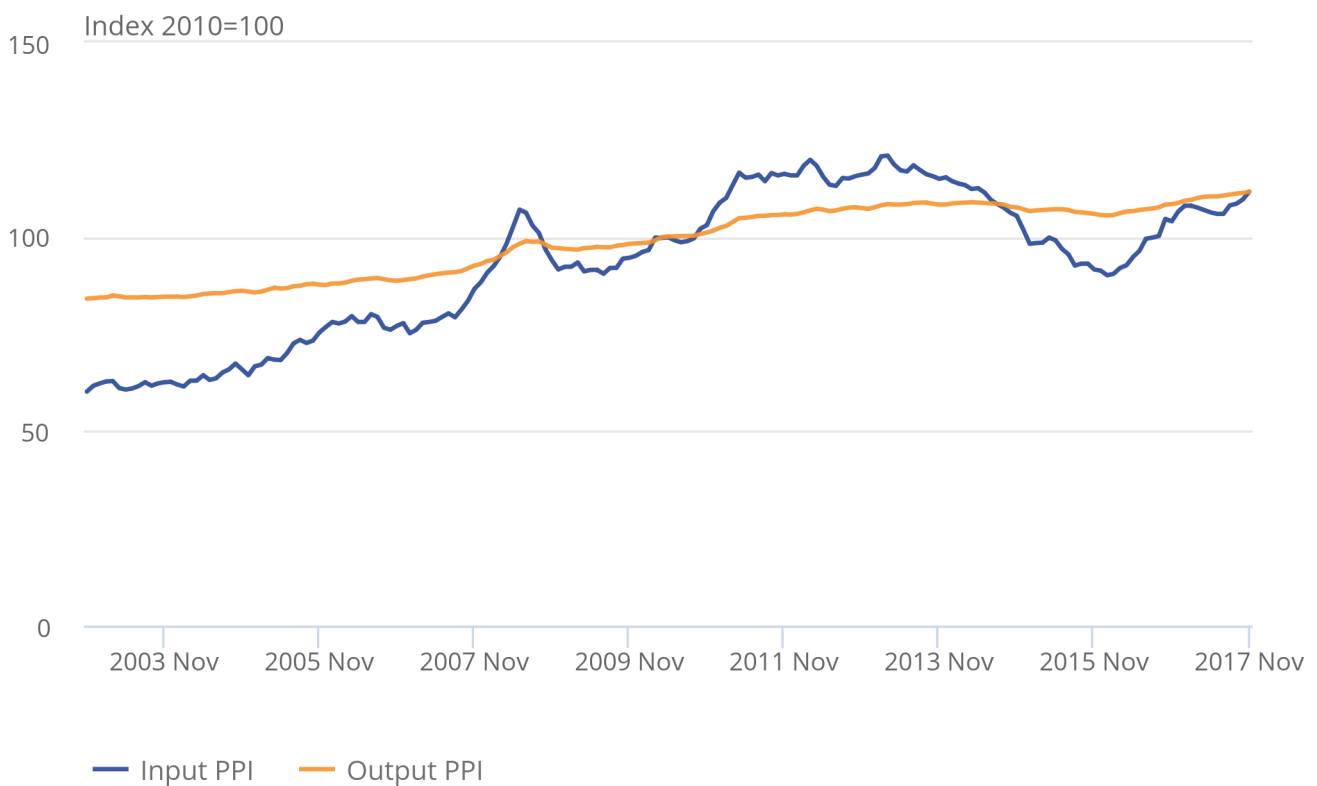
Figures for the latest two months are provisional and the latest five months are subject to revisions in light of late and revised respondent data and, for the seasonally adjusted series, revisions to seasonal adjustment factors are re-estimated every month. A routine seasonal adjustment review is normally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

### 3 . Producer price inflation summary

Figure 1 shows input and output Producer Price Indices (PPI) across the past 15 years. Input PPI is driven mostly by commodity prices, which tend to be more volatile over time compared with prices for finished goods. Input PPI is also sensitive to exchange rate movements as roughly two-thirds of inputs into the UK manufacturing sector are imported.

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

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



Source: Office for National Statistics

### 4 . The annual rate of inflation for materials and fuels purchased rose for the first time in three months

The annual rate of inflation for materials and fuels purchased by manufacturers (input prices) rose to 7.3% in November 2017, which is up 2.5 percentage points from October 2017.

The one-month rate for materials and fuels rose 1.8% in November 2017 (Table 3), which is a 0.8 percentage points increase from 1.0% in October 2017, driven by inputs of crude oil, which was up 7.6% on the month.

The input Producer Price Index (PPI) reached 111.6 in November 2017, after steadily rising since July 2017. The index is now at its highest level since May 2014 when it stood at 112.5.

**Table 1: Input prices, index values, growth rates and percentage point change to the 12-month rate, UK, November 2016 to November 2017**

UK				
<b>All materials and fuels purchased (K646)</b>				
	<b>PPI Index</b>	<b>1- month</b>	<b>12- month</b>	<b>Change in the 12-month rate</b>
	<b>(2010=100)</b>	<b>rate</b>	<b>rate (percentage points)</b>	
2016	104.0	-0.6	13.5	1.1
Nov				
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	106.9	-0.6	15.3	-1.5
May	106.3	-0.6	12.1	-3.2
June	105.9	-0.4	9.9	-2.2
July	105.9	0.0	6.4	-3.5
Aug	108.1	2.1	8.3	1.9
Sept	108.5	0.4	8.3	0.0
Oct	109.6	1.0	4.8	-3.5
Nov	111.6	1.8	7.3	2.5

Source: Office for National Statistics

Notes:

1. Series are not seasonally adjusted.

The annual rate of inflation for imported materials and fuels was 7.4% in November 2017 (Table 2), which is up from October 2017 when the annual rate stood at 4.1%. Imported materials and fuels represent roughly two-thirds of overall materials and fuels (input prices) in terms of index weight.

The sterling effective exchange rate index (ERI) rose to 77.7 in November 2017. On the year, the ERI was up 1.3% in November 2017 and was the second consecutive month where the ERI has shown positive growth. This follows 21 consecutive months of negative growth between January 2016 and September 2017, and may be helping to slow the rate of inflation on imported materials, making imports of raw materials less expensive.

**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, UK, November 2016 to November 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	Sterling		
				12-month rate (percentage points)	Index (Jan 2005=100)	1-month rate	12-month rate
2016 Nov	101.9	-1.5	14.6	0.6	76.7	2.7	-17.9
Dec	103.7	1.8	17.4	2.8	78.3	2.1	-14.5
2017 Jan	106.0	2.2	20.2	2.8	77.0	-1.6	-13.0
Feb	105.5	-0.5	19.2	-1.0	77.6	0.8	-10.5
Mar	105.9	0.4	16.8	-2.4	76.6	-1.3	-10.7
Apr	105.0	-0.8	14.3	-2.5	78.3	2.2	-7.8
May	104.3	-0.7	12.3	-2.0	78.7	0.5	-9.2
June	104.4	0.1	10.2	-2.1	77.1	-2.0	-9.2
July	104.2	-0.2	5.8	-4.4	77.0	-0.1	-3.0
Aug	106.6	2.3	7.9	2.1	75.6	-1.9	-3.6
Sept	106.6	0.0	7.7	-0.2	77.2	2.1	-1.9
Oct	107.7	1.0	4.1	-3.6	77.3	0.1	3.5
Nov	109.4	1.6	7.4	3.3	77.7	0.5	1.3

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 exchange rate measures 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 manufacturing sector.

Table 3 shows monthly and annual growth rates for input prices by industry and Figure 2 shows contributions by those industries to the monthly and annual rate of input price inflation.

The largest upward contribution to the annual rate in November 2017 came from crude oil, which contributed 3.87 percentage points (Figure 2) on the back of annual price growth of 27.5% (Table 3), up from 10.2% last month. The upward contribution from crude oil was driven mainly by imported crude petroleum and natural gas, which rose by 27.2% on the year.

Imported metals and home food materials provided the second- and third-largest contributions to the annual rate, with 0.88 and 0.85 percentage points respectively. Prices for imported metals rose 11.1% on the year, while prices for home food materials rose 5.8%.

Crude oil also provided the largest upward contribution to the monthly rate at 1.20 percentage points, which was driven by price growth of 7.6% between October and November 2017. This is the highest the monthly rate has been for crude oil in 2017.

**Table 3: Input prices, growth rates, UK, November 2017**

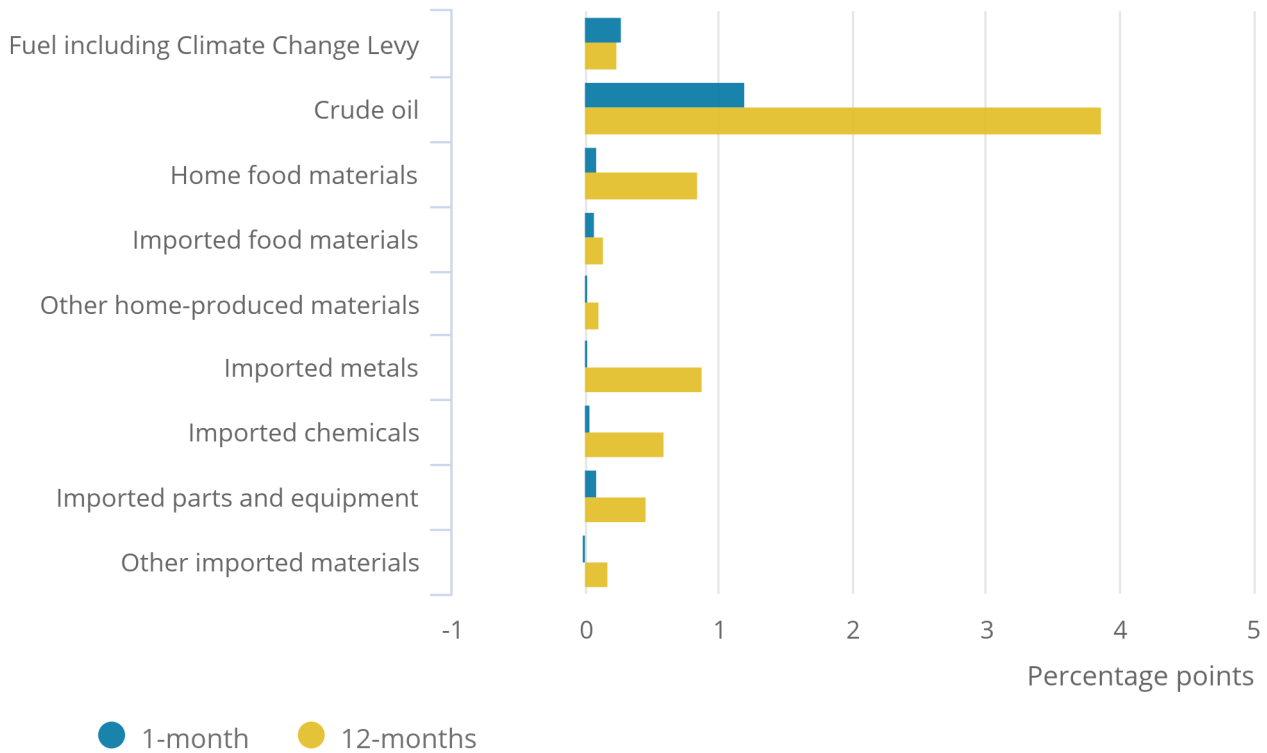
UK

Product group	Percentage change	
	1-month rate	12-month rate
Fuel including Climate Change Levy	2.5	2.2
Crude oil	7.6	27.5
Home food materials	0.6	5.8
Imported food materials	1.0	1.9
Other home-produced materials	0.7	3.4
Imported metals	0.3	11.1
Imported chemicals	0.3	4.3
Imported parts and equipment	0.5	2.6
Other imported materials	-0.2	1.8
All manufacturing	1.8	7.3

Source: Office for National Statistics

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

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

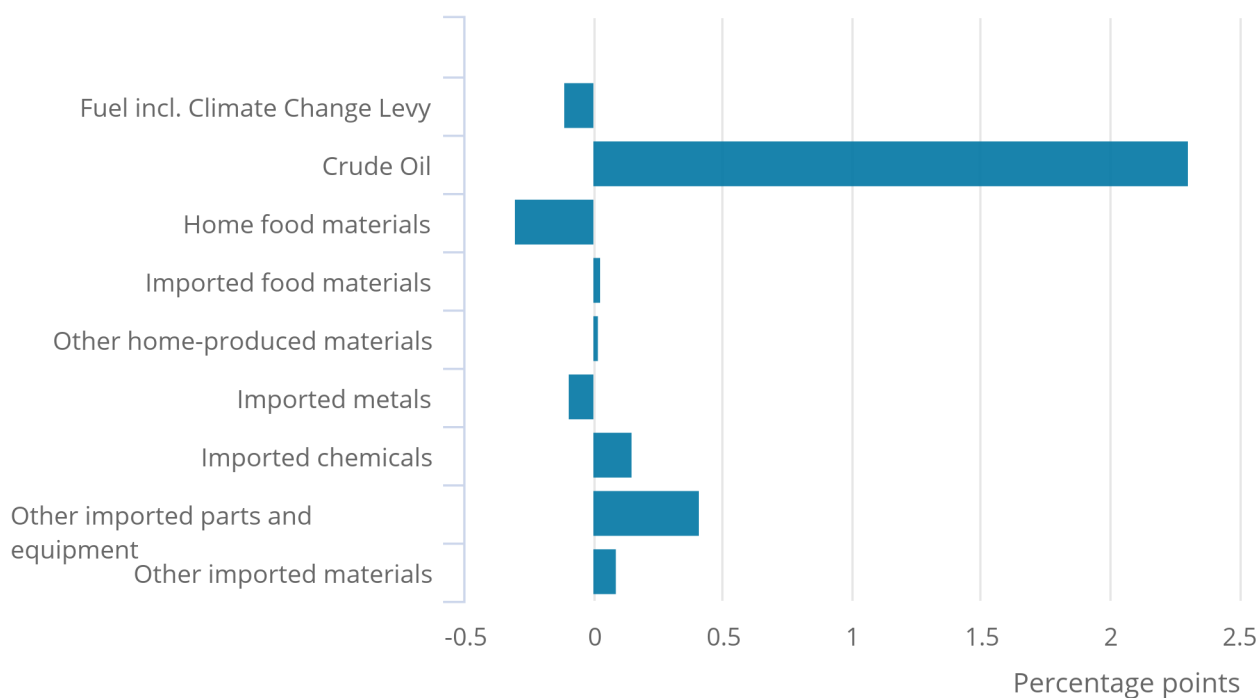


**Source: Office for National Statistics**

Figure 3 shows contributions to the change in the annual rate of inflation for fuels and materials purchased by manufacturers (input prices). Six of the nine industries showed upward contributions in November 2017, with only home food materials, fuel and imported metals applying a downward effect. Crude oil provided the largest upward contribution of 2.31 percentage points, followed by other imported parts and equipment at 0.41 percentage points.

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

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



Source: Office for National Statistics

## 5 . Annual rate of output inflation rose, but only five industries displayed a positive contribution to the change in the rate

The annual rate of inflation for goods leaving the factory gate (output prices) rose by 0.2 percentage points to 3.0% in November 2017 (Table 4). This is the 17th consecutive month of positive inflation. Petroleum displayed the largest annual growth, increasing from 4.1% in October 2017 to 6.0% in November 2017 (Table 5).

The one-month rate rose to 0.3% in November 2017 from 0.2% in October 2017. The one-month rate has shown positive growth for all but one month since February 2016; in June 2017 the rate was flat.



**Table 4: Output prices, index values, growth rates and percentage point change to the 12-month rate, UK, November 2016 to November 2017**

UK				
All manufactured products (JVZ7)				
	PPI Index	1- month	12-month	Change in the 12-month rate
	(2010=100)	rate	rate (percentage points)	
2016 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	110.0	0.5	3.7	0.0
Apr	110.3	0.3	3.6	-0.1
May	110.4	0.1	3.6	0.0
June	110.4	0.0	3.3	-0.3
July	110.6	0.2	3.3	0.0
Aug	110.9	0.3	3.4	0.1
Sept	111.1	0.2	3.3	-0.1
Oct	111.3	0.2	2.8	-0.5
Nov	111.6	0.3	3.0	0.2

Source: Office for National Statistics

Notes:

1. Series is not seasonally adjusted

Table 5 shows monthly and annual growth rates for output prices by industry and Figure 4 shows contributions by those industries to the monthly and annual rate of inflation at the factory gate.

Food products provided the largest upward contribution of 0.78 percentage points to the annual rate (Figure 4) driven by price growth of 5.0% on the year to November 2017 (Table 5). Growth was driven mostly by prices for dairy products, which rose 19.7% on the year, down from the peak of 21.6% last month, and continues a sequence of 14 months of upward inflation.

Petroleum products and computer, electrical and optical products show the second- and third-largest upward contributions to the annual rate, with 0.44 and 0.38 percentage points respectively. Petroleum products increased 6.0% on the year, while prices for computer, electrical and optical products grew by 3.3%.

Petroleum products provided the largest upward contribution to the monthly rate at 0.12 percentage points.

**Table 5: Output prices, growth rates, UK, November 2017**

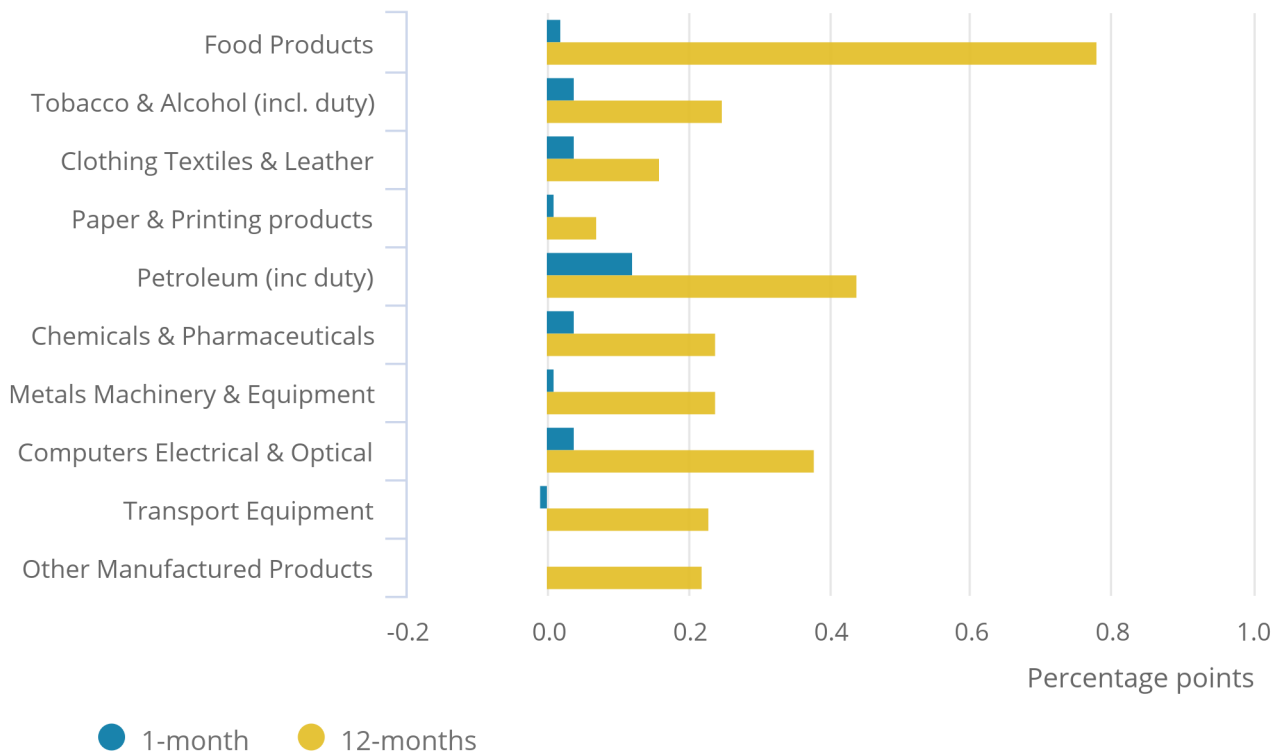
UK

Product group	Percentage Change	
	1-month	12-month
	rate	rate
Food products	0.1	5.0
Tobacco and alcohol (incl. duty)	0.3	2.5
Clothing, textile and leather	0.3	1.3
Paper and printing	0.2	1.9
Petroleum products (incl. duty)	1.3	6.0
Chemical and pharmaceutical	0.5	3.2
Metal, machinery and equipment	0.1	3.3
Computer, electrical and optical	0.3	3.3
Transport equipment	-0.1	1.9
Other manufactured products	0.0	1.4
All manufacturing	0.3	3.0

Source: Office for National Statistics

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

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



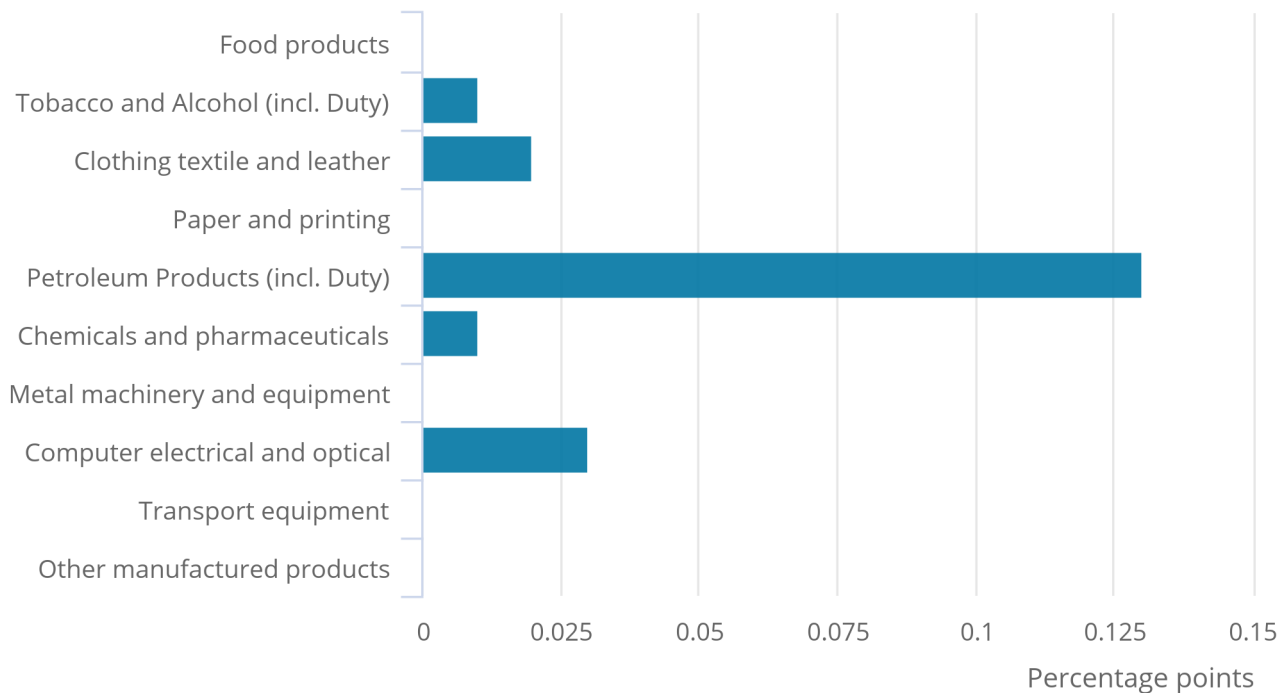
**Source: Office for National Statistics**

Figure 5 shows contributions to the change in the annual rate for factory gate prices (output prices).

The 0.2 percentage points rise in the annual rate between October 2017 and November 2017 was a result of upward contributions from five industries: petroleum, computer, electrical and optical, clothing textile and leather, tobacco and alcohol, and chemicals and pharmaceutical products. The other industries had no impact on the change. The largest upward contribution of 0.13 percentage points came from petroleum products.

**Figure 5: Output PPI, 12-months contribution to change in the annual rate, November 2017, UK**

Figure 5: Output PPI, 12-months contribution to change in the annual rate, November 2017, UK



Source: Office for National Statistics

## 6 . Annual inflation for imported metals has slowed

In [February 2017's statistical bulletin](#) we analysed trends in the price of imported metals over a five-year period. In this section we will look at how prices have reacted since and the effect this has had on prices for metals leaving the factory.

Figure 6 shows the annual rate of imported metals, contributions to the annual rate by type of product and the sterling effective exchange rate. From November 2012 through to June 2016, prices for imported metals remained largely in a period of deflation, despite displaying positive annual growth between September 2014 and January 2015. Throughout the period of deflation, we have generally seen the sterling effective exchange rate appreciating. All else equal, an appreciation of sterling leads to a decrease in the price of UK imports when transactions are carried out in a foreign currency.

Since July 2016 we have witnessed positive annual inflation for imported metals, peaking at 37.2% in January 2017, its highest annual growth since records began in 1996. For more information on the reasons behind this growth, see section 4 of [February 2017's statistical bulletin](#).

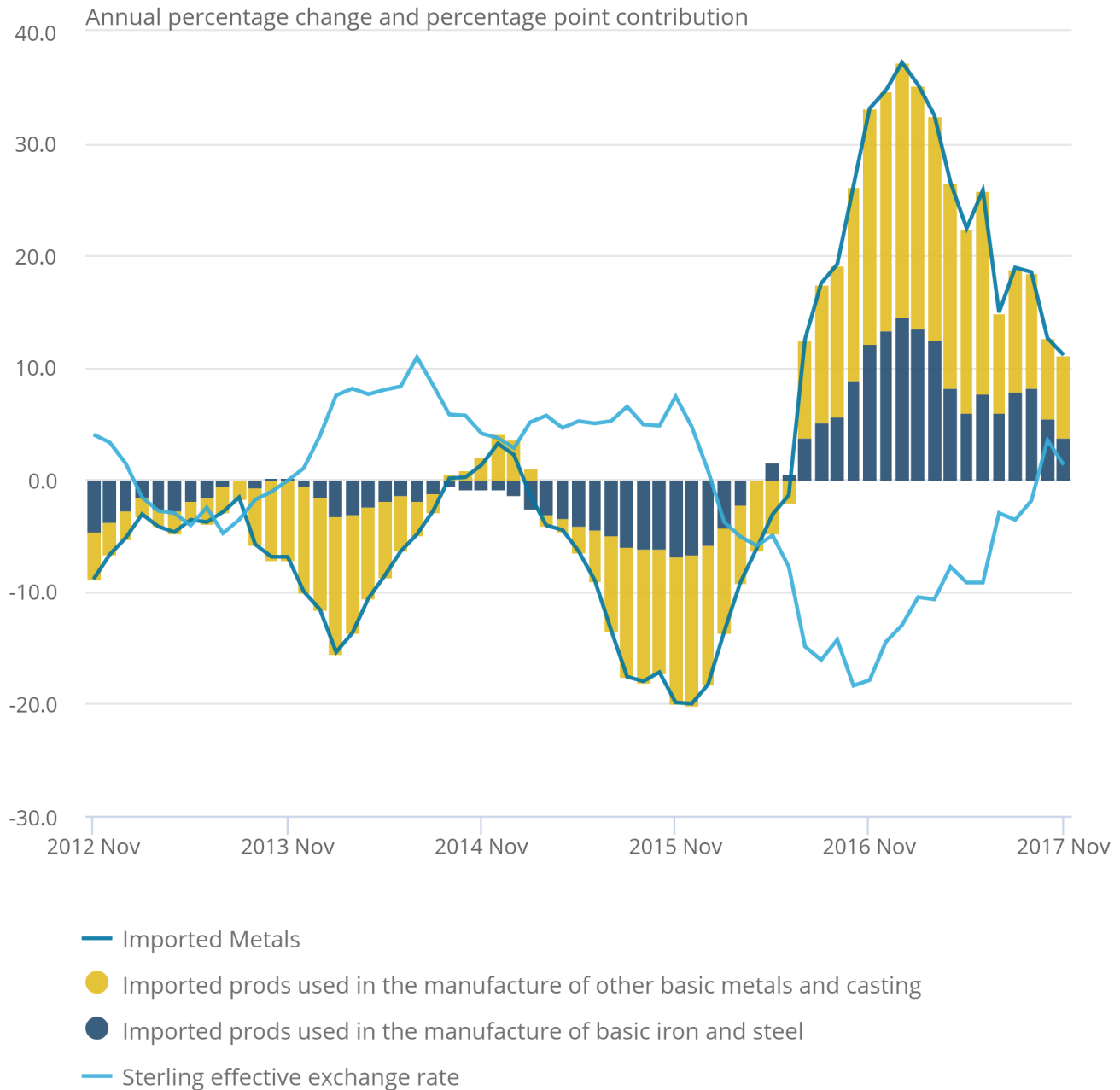
In the 10 months since this analysis was published, we have witnessed a decline in the annual rate for imported metals. The annual rate of inflation stands at 11.1% in November 2017, which is 26.1 percentage points below the peak in January 2017. A proportion of this decline can be linked to an appreciation of sterling. The sterling effective exchange rate has appreciated from an annual decline of 18.4% in October 2016 to an increase of 1.3% on the year to November 2017. The rate has also shown positive annual change in the latest two months, the first time this has been the case since January 2016.

**Figure 6: 12-month rate for imported metals, contributions to the rate by type of product and the sterling effective exchange rate, UK**

November 2012 to November 2017

Figure 6: 12-month rate for imported metals, contributions to the rate by type of product and the sterling effective exchange rate, UK

November 2012 to November 2017



Source: Office for National Statistics

Notes:

1. Sterling effective exchange rate source: The Bank of England.
2. Contributions may not always add up to the annual rate due to rounding.

The decline in the annual inflation rate for imported metals can also be partly attributed to a base period effect. By November 2016, the index had already started growing to its peak in January 2017. As a result, the annual comparison is now beginning to feel the effect of this growth, as it compares the current month against a month that is above average for the period.

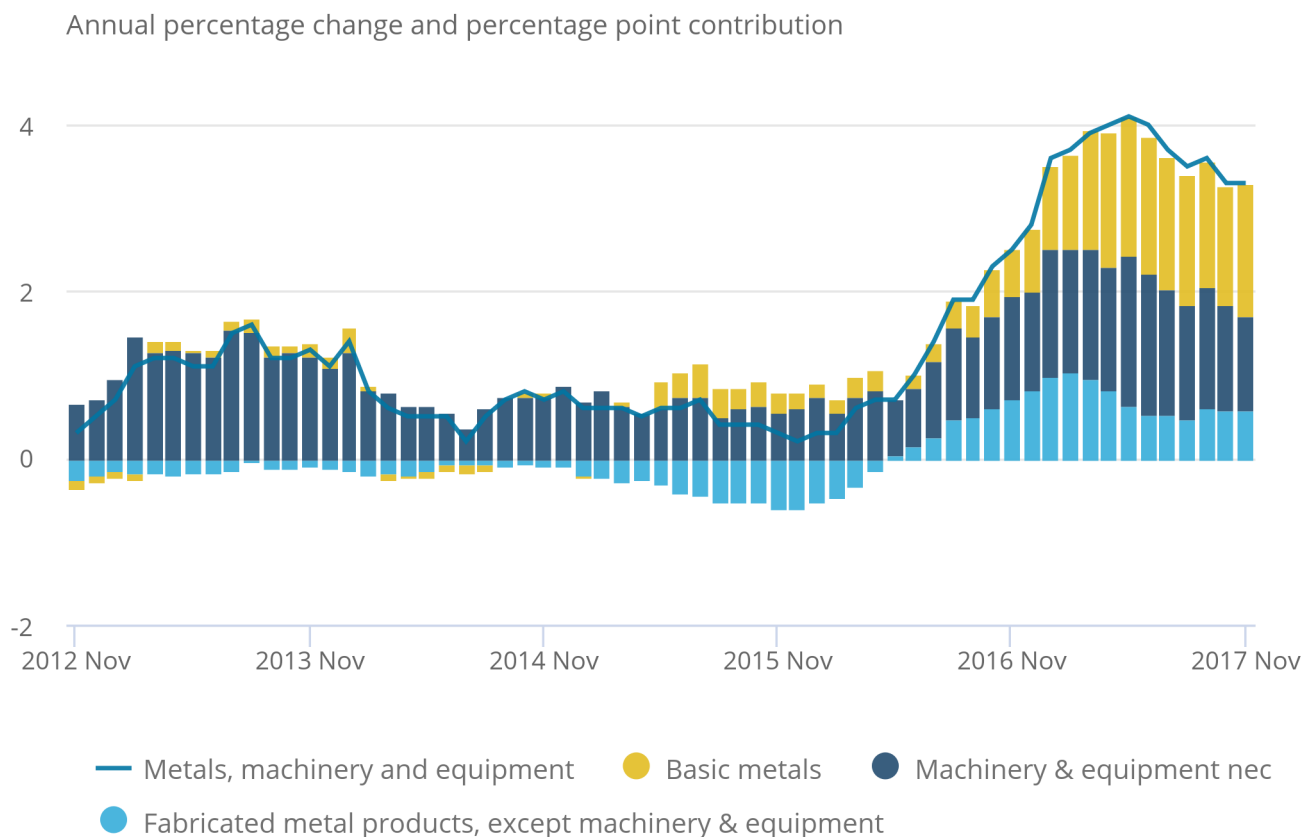
Figure 7 shows the annual rate of inflation for metals, machinery and equipment leaving the factory, broken down by type of metal product. Since May 2016, all types have had an upward effect to the annual rate. For analysis on factory gate prices for metals and the types of products influencing the annual rate, see section 4 of [February 2017's statistical bulletin](#).

Over the last five years the annual rate has remained positive; however, between mid-2016 and mid-2017, we can see a period of rising annual growth. This period can be aligned with a period of exceptional growth in the price of raw materials, namely imported metals (Figure 6), used in the manufacturing process of metals, machinery and equipment.

Post mid-2017, we can also see a levelling off and decline in the annual rate of inflation for metals leaving the factory gate. This corresponds with a similar decline in the rate for imported metals and is likely a result of cheaper raw materials, an appreciation of sterling, and a base period effect.

**Figure 7: 12-month inflation rate for metals, machinery and equipment and contributions to the rate by type of product, UK, November 2012 to November 2017**

Figure 7: 12-month inflation rate for metals, machinery and equipment and contributions to the rate by type of product, UK, November 2012 to November 2017



Source: Office for National Statistics

Notes:

1. nec = not elsewhere classified.

## 7. Links to related statistics

In addition to the data included within this statistical bulletin, the following detailed datasets are available: [Aerospace and electronic cost indices time series data](#)

[Producer Price Index time series data](#)

Higher, lower and equal movements for each Producer Price Index are shown in the [Producer price inflation records: monthly figures](#).



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

[Producer price inflation revision triangle: total output 12-month \(JVZ7\)](#)

[Producer price inflation revision triangle: total output 1-month \(JVZ7\)](#)

[Producer price inflation revision triangle: total input 12-months \(K646\)](#)

[Producer price inflation revision triangle: total input 1-month \(K646\)](#)

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

## 8 . Quality and methodology

The [Producer Price Index \(PPI\) Quality and Methodology Information report](#) contains important information on:

- the strengths and limitations of the data and how it compares with related data
- uses and users 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 on 20 March 2017. The article presented the calculated standard errors of the 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](#) 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		
2017 May	110.4	0.1	3.6	109.5	0.1	2.8	115.1	0.9	4.4	94.6	-2.0	9.5
Jun	110.4	-	3.3	109.7	0.2	2.9	114.9	-0.2	4.4	92.9	-1.8	3.9
Jul	110.6	0.2	3.3	109.9	0.2	2.5	115.2	0.3	5.3	93.0	0.1	3.8
Aug	110.9	0.3	3.4	110.2	0.3	2.6	115.5r	0.3	5.3	95.2	2.4	7.0
Sep	111.1	0.2	3.3	110.1	-0.1	2.5	115.7	0.2	4.9	97.6	2.5	8.2
Oct	111.3p	0.2	2.8	110.2p	0.1	2.1	115.8p	0.1	4.3	98.2p	0.6	4.1
Nov	111.6p	0.3	3.0	110.4p	0.2	2.2	116.0p	0.2	4.4	99.5p	1.3	6.0

p = provisional  
r = revised

Source: Office for National Statistics

# 2 Net Sector Input Prices, including Climate Change Levy<sup>1</sup>: 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		
2017 May	106.3	-0.6	12.1	105.4	-0.8	12.7	113.4	1.3	7.9
Jun	105.9	-0.4	9.9	105.3	-0.1	10.6	111.6	-1.6	6.0
Jul	105.9	-	6.4	105.3	-	7.1	110.6	-0.9	1.7
Aug	108.1	2.1	8.3	107.6r	2.2	8.9	111.8	1.1	4.3
Sep	108.5	0.4	8.3	107.9	0.3	8.7	113.5	1.5	6.2
Oct	109.6p	1.0	4.8	108.8p	0.8	5.0	116.6p	2.7	3.5
Nov	111.6p	1.8	7.3	110.7p	1.7	8.0	119.5p	2.5	2.2

<sup>1</sup> 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 <sup>1</sup>		
	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		
2014 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	110.0	0.5	3.7	109.0	0.4	2.6	110.2	0.3	3.4
Apr	110.3	0.3	3.6	109.4	0.4	2.8	110.6	0.4	3.4
May	110.4	0.1	3.6	109.5	0.1	2.8	110.7	0.1	3.5
Jun	110.4	-	3.3	109.7	0.2	2.9	110.7	-	3.2
Jul	110.6	0.2	3.3	109.9	0.2	2.5	110.9	0.2	3.2
Aug	110.9	0.3	3.4	110.2	0.3	2.6	111.3	0.4	3.3
Sep	111.1	0.2	3.3	110.1	-0.1	2.5	111.5	0.2	3.2
Oct	111.3p	0.2	2.8	110.2p	0.1	2.1	111.7p	0.2	2.7
Nov	111.6p	0.3	3.0	110.4p	0.2	2.2	111.9p	0.2	2.8

<sup>1</sup> 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

								Percentage change 1 month		Percentage change 12 months	
			2017 Jul	2017 Aug	2017 Sep	2017 Oct	2017 Nov	2017 Oct	2017 Nov	2017 Oct	2017 Nov
<b>Net sector</b>											
Output of manufactured products	JVZ7	7200700000	110.6	110.9	111.1	111.3p	111.6p	0.2	0.3	2.8	3.0
All manufacturing, excluding duty	JVZ8	7200700010	110.9	111.3	111.5	111.7p	111.9p	0.2	0.2	2.7	2.8
All manufacturing, excluding food, beverages, tobacco and petroleum	K3BI	7200799000	109.9	110.2	110.1	110.2p	110.4p	0.1	0.2	2.1	2.2
<b>Gross Sector</b>											
Food products, beverages and tobacco, including duty	K65A	7111101280	115.2	115.5r	115.7	115.8p	116.0p	0.1	0.2	4.3	4.4
Food products	K37L	7112100000	114.5	114.9r	115.2	115.4p	115.5p	0.2	0.1	5.1	5.0
Tobacco products, including duty	K37Q	7112120080	157.6	157.6	158.0	158.0p	159.7p	–	1.1	4.1	4.4
Alcoholic beverages, including duty	MC6A	7229110080	112.1 B	112.0 B	111.7 B	111.9pB	111.7pB	0.2	–0.2	1.5	1.3
Soft drinks, mineral waters and other bottled waters	JU5C	1107000000	104.3 B	104.7 B	105.1 B	104.8pB	103.9pB	–0.3	–0.9	1.1	0.7
Textiles	K37R	7112130000	113.1	113.1	113.1	113.1p	113.4p	–	0.3	1.9	2.2
Wearing apparel	K37S	7112140000	114.6	115.0	114.9	115.0p	115.8p	0.1	0.7	0.9	1.6
Leather and related products	K37T	7112150000	124.6	125.2	124.5	124.6p	123.0p	0.1	–1.3	1.3	–0.4
Wood and products of wood and cork, except furniture	K37U	7112160000	119.2	119.6	120.1	120.5p	121.0p	0.3	0.4	4.4	4.6
Paper and paper products	K37V	7112170000	108.2	108.2	108.2	108.6p	109.3p	0.4	0.6	1.1	1.7
Printing and recording services	K37W	7112180000	102.9	103.2	103.3	104.0p	103.6p	0.7	–0.4	2.5	2.0
Coke and refined petroleum products, including duty	K37Y	7112190080	93.0	95.2	97.6	98.2p	99.5p	0.6	1.3	4.1	6.0
Chemicals and chemical products	K37Z	7112200000	105.1	105.7	106.1	106.5p	107.2p	0.4	0.7	6.2	6.2
Basic pharmaceutical products and pharmaceutical preparations	K382	7112210000	108.2	108.3	108.3	108.2p	108.2p	–0.1	–	–0.7	–0.7
Rubber and plastic products	K383	7112220000	112.0	112.2	112.5	112.7p	113.0p	0.2	0.3	2.4	2.5
Other non-metallic mineral products	K384	7112230000	115.9	116.1	115.7	115.8p	116.0p	0.1	0.2	1.7	1.8
Basic metals	K385	7112240000	107.7	109.6r	111.7	113.2p	114.1p	1.3	0.8	12.4	12.0
Fabricated metal products, except machinery and equipment	K386	7112250000	110.4	110.5	110.5	110.8p	111.0p	0.3	0.2	3.3	3.6
Computer, electronic and optical products	K387	7112260000	102.5	102.6	102.4	102.6p	102.8p	0.2	0.2	3.0	3.1
Electrical equipment	K388	7112270000	106.8	107.0	106.9	107.2p	107.8p	0.3	0.6	3.0	3.4
Machinery and equipment n.e.c.	K389	7112280000	116.5r	116.4r	116.6	116.8p	116.7p	0.2	–0.1	2.5	2.2
Motor vehicles, trailers and semi-trailers	K38A	7112290000	106.2	106.8	106.6	106.4p	106.4p	–0.2	–	2.4	2.7
Other transport equipment	K38B	7112300000	113.7	113.7	113.6	113.5p	113.4p	–0.1	–0.1	0.1	–0.1
Furniture	K38C	7112310000	113.1	113.4	113.7	113.2p	113.1p	–0.4	–0.1	2.6	2.4
Other manufactured goods	K38D	7112320000	110.6	110.8	110.9	110.8p	110.8p	–0.1	–	–0.4	–0.4
Repair and installation services of machinery and equipment	K38E	7112330000	127.1	127.3	126.6	126.8p	126.9p	0.2	0.1	0.2	0.6

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 Levy<sup>1</sup>: 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		
2014 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	99.5	0.3	-1.3
Jun	96.4	1.7	-0.5	99.6	0.7	-0.3	100.2	0.7	-
Jul	99.5	3.2	4.2	103.9	4.3	5.1	104.5	4.3	4.7
Aug	99.8	0.3	7.8	104.1	0.2	6.3	104.5	-	6.2
Sep	100.2	0.4	7.6	103.9	-0.2	5.3	104.2	-0.3	5.3
Oct	104.6	4.4	12.4	107.9	3.8	10.1	107.5	3.2	10.0
Nov	104.0	-0.6	13.5	107.6	-0.3	11.3	106.9r	-0.6	11.1
Dec	106.5	2.4	16.6	107.9	0.3	10.3	107.5	0.6	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	109.2	0.2	11.2
Mar	107.5	-0.5	16.8	109.7	0.1	10.8	109.2	-	11.0
Apr	106.9	-0.6	15.3	108.8	-0.8	9.6	109.0	-0.2	9.9
May	106.3	-0.6	12.1	108.7	-0.1	9.9	109.4	0.4	9.9
Jun	105.9	-0.4	9.9	109.4	0.6	9.8	109.4	-	9.2
Jul	105.9	-	6.4	109.3	-0.1	5.2	109.3	-0.1	4.6
Aug	108.1	2.1	8.3	111.1	1.6	6.7	111.1	1.6	6.3
Sep	108.5	0.4	8.3	110.8	-0.3	6.6	110.8	-0.3	6.3
Oct	109.6p	1.0	4.8	111.6p	0.7	3.4	111.6p	0.7	3.8
Nov	111.6p	1.8	7.3	112.5p	0.8	4.6	112.5p	0.8	5.2

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 Levy<sup>1</sup>: Materials and Fuels purchased by selected industries (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

									% change 1 month		% change 12 months	
				2017 Jul	2017 Aug	2017 Sep	2017 Oct	2017 Nov	2017 Oct	2017 Nov	2017 Oct	2017 Nov
<b>Gross sector</b>												
Other mining & quarrying products <sup>2</sup>	MC3K	6107208000		117.8	118.4	117.7	118.3p	119.1p	0.5	0.7	1.2	1.9
Manufacture of food products, beverages, tobacco	MC35	6107110120		117.4	117.9r	117.7	117.8p	118.5p	0.1	0.6	4.2	3.9
Preserved meat & meat products	MC3V	6107310100		119.2r	120.0r	119.8	119.7p	120.4p	-0.1	0.6	4.7	4.3
Fish, crustaceans, molluscs, fruit & vegetables	MB4X	6107310230		120.8r	120.0r	118.7	119.2p	120.1p	0.4	0.8	4.3	2.2
Vegetable & animal oils and fats	MC3W	6107310400		123.2	123.1r	123.1	123.7p	123.3p	0.5	-0.3	1.8	2.0
Dairy products	MC3X	6107310500		121.1r	122.2r	121.9	122.2p	123.6p	0.2	1.1	6.7	6.1
Grain mill products, starches & starch products	MC3Y	6107310600		117.3r	118.1r	117.7	117.8p	118.7p	0.1	0.8	4.3	4.0
Bakery & farinaceous products	MC3Z	6107310700		113.5	114.0r	114.1	114.4p	114.6p	0.3	0.2	3.7	3.8
Other food products	MB4Y	6107310800		114.2	114.7	114.9	114.9p	115.3p	-	0.3	4.5	4.2
Animal feeds	MC42	6107310900		116.7	117.1r	116.8	116.9p	117.1p	0.1	0.2	3.0	3.0
Alcoholic Beverages	MB55	6107411016		110.8r	111.5	111.4	111.7p	112.1p	0.3	0.4	2.3	2.6
Soft drinks; mineral waters & other bottled waters	MC4D	6107411070		111.2	111.7r	111.8	111.6p	111.8p	-0.2	0.2	3.1	3.3
Tobacco products	MC3M	6107212000		148.3	148.7	149.5	149.9p	151.2p	0.3	0.9	1.8	1.1
Manufacture of textiles & textile products; clothing	MC36	6107113140		112.7	113.2	113.1	113.4p	113.8p	0.3	0.4	2.5	3.0
Textiles	MB4P	6107213000		111.8	112.4	112.4	112.8p	113.2p	0.4	0.4	3.3	3.7
Wearing apparel	MC3N	6107214000		113.9	114.3r	114.1	114.3p	114.6p	0.2	0.3	1.5	2.0
Manufacture of leather & related products	MC3O	6107215000		115.4	116.4	116.4	116.4p	115.5p	-	-0.8	3.4	2.7
Manufacture of wood & wood products	MC3P	6107216000		116.8r	117.4r	117.7	118.3p	118.9p	0.5	0.5	4.7	5.2
Manufacture of pulp, paper & paper products, recording media & printing services	MC39	6107117180		109.1	109.4	109.8	110.4p	110.9p	0.5	0.5	2.9	3.1
Pulp, paper & paper products	MB4Q	6107217000		109.0	109.5	110.0	110.8p	111.5p	0.7	0.6	3.5	3.5
Printing & recording services	MC3Q	6107218000		109.1	109.4r	109.5	110.0p	110.3p	0.5	0.3	2.3	2.5
Manufacture of coke & refined petroleum products	MC3R	6107219000		78.9	83.8	87.7	90.5p	96.2p	3.2	6.3	9.0	22.7
Manufacture of chemicals, chemical products & man-made fibres	MC3B	6107120000		106.3	107.5	108.1	108.7p	109.6p	0.6	0.8	6.7	7.6
Paints, varnishes & similar coatings, printing ink & mastics	MC43	6107320300		108.4	109.4	109.7	110.2p	110.9p	0.5	0.6	5.9	6.6
Soaps, detergents, cleaning & polishing preparations perfumes & toilet preparations	MC44	6107320400		108.2	108.8	108.8	109.2p	109.6p	0.4	0.4	3.1	3.3
Other chemical products	MC45	6107320500		107.8	108.9r	109.4	110.0p	110.8p	0.5	0.7	4.8	5.5
Industrial gases; other basic inorganic chemicals; fertilisers & nitrogen compounds	MC4E	6107420910		108.2	109.4	109.8	110.5p	111.8p	0.6	1.2	5.0	6.2
Petrochemicals & man made fibres	MC4F	6107420920		105.4	106.6	107.3	107.9p	108.8p	0.6	0.8	7.8	8.7
Dyes & pigments: pesticides & other agrochemical products	MC4G	6107420930		106.1	108.9	109.7	110.8p	112.4p	1.0	1.4	6.8	8.6
Manufacture of basic pharmaceutical products & pharmaceutical preparations	MC3S	6107221000		107.3	107.9	108.0	108.2p	108.5p	0.2	0.3	1.9	2.3
Manufacture of rubber & plastic products	MB4R	6107222000		108.8	109.7	110.0	110.5p	111.0p	0.5	0.5	5.5	6.0
Manufacture of cement, lime & plaster	MC46	6107323560		114.9	115.5	115.4	116.0p	116.8p	0.5	0.7	2.6	2.7
Manufacture of glass, refractory, clay, other porcelain, ceramic stone products	MB4Z	6107323990		111.2	112.3	112.3	112.8p	113.7p	0.4	0.8	3.3	3.7

<sup>1</sup> 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

<sup>2</sup> Indices includes the Aggregate Levy which was introduced in April 2002.

p = provisional  
r = revised

# 6 Input Prices, excluding Climate Change Levy<sup>1</sup>: Materials and Fuels purchased by selected industries (not seasonally adjusted) - SIC 2007

continued

2010=100, SIC2007

			2017 Jul	2017 Aug	2017 Sep	2017 Oct	2017 Nov	% change 1 month		% change 12 months	
								2017 Oct	2017 Nov	2017 Oct	2017 Nov
Manufacture of basic metals & fabricated products	<b>MC3F</b>	6107124250	106.8	108.8r	110.1	111.1p	112.1p	0.9	0.9	8.0	8.3
Basic iron, steel & alloys: tubes, pipes, hollow profiles	<b>MC47</b>	6107324130	105.7	108.1	110.2	111.9p	113.2p	1.5	1.2	11.3	11.6
Other basic metals & casting	<b>MB52</b>	6107324450	103.5	106.5r	108.0	109.0p	110.7p	0.9	1.6	7.6	9.2
Weapons & ammunition	<b>MC48</b>	6107325400	108.3	108.8	108.9	109.4p	109.6p	0.5	0.2	2.8	2.8
Fabricated metal products, excluding machinery & equipment & weapons & ammunition	<b>MB53</b>	6107325990	108.5	110.1r	111.1	112.0p	112.6p	0.8	0.5	7.5	7.2
Manufacture of computer, electronic and optical products, electrical equipment	<b>MC3G</b>	6107126270	109.9	110.6	110.4	110.8p	111.1p	0.4	0.3	3.2	3.4
Computer, electronic & optical products	<b>MB4S</b>	6107226000	110.1r	110.7	110.2	110.6p	110.9p	0.4	0.3	2.5	2.9
Electrical equipment	<b>MB4T</b>	6107227000	109.6	110.5	110.7	111.1p	111.5p	0.4	0.4	4.2	4.5
Manufacture of machinery & equipment n.e.c	<b>MB4U</b>	6107228000	111.0	111.8	112.1	112.5p	112.8p	0.4	0.3	4.2	4.3
Manufacturing of motor vehicles & other transport equipment	<b>MC3I</b>	6107129300	108.7	109.4	109.2	109.5p	109.9p	0.3	0.4	3.1	3.8
Motor vehicles, trailers & semi trailers	<b>MB4V</b>	6107229000	106.9	107.7r	107.4	107.8p	108.1p	0.4	0.3	3.8	4.3
Ships & boats	<b>MC49</b>	6107330100	112.1	112.6	112.8	113.4p	113.7p	0.5	0.3	3.4	3.4
Aircraft & spacecraft & related machinery	<b>MC4A</b>	6107330300	115.4	116.0r	115.6	116.0p	116.2p	0.3	0.2	1.0	1.4
Other transport equipment	<b>MB54</b>	6107330990	109.8	110.3r	110.5	110.9p	110.9p	0.4	-	2.5	2.4
Manufacture of other manufactured goods n.e.c	<b>MC3J</b>	6107131330	114.2	114.9	114.7	115.2p	115.5p	0.4	0.3	2.7	3.0
Furniture	<b>MC3T</b>	6107231000	111.6	112.4	112.9	113.4p	113.7p	0.4	0.3	4.8	5.0
Other manufacturing	<b>MB4W</b>	6107232000	111.4	112.1	111.9	112.3p	112.7p	0.4	0.4	2.8	3.1
Repair of maintenance of ships & boats	<b>MC4H</b>	6107433150	112.9	113.4	113.4	114.0p	114.4p	0.5	0.4	3.0	3.1
Repair & maintenance services of aircraft & spacecraft	<b>MC4I</b>	6107433160	127.5	128.0r	126.7	127.3p	127.5p	0.5	0.2	-0.8	-0.2
Other repair; installation	<b>MB56</b>	6107433990	109.7	110.4r	110.2	110.6p	110.9p	0.4	0.3	3.0	3.4

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 Jul	2017 Aug	2017 Sep	2017 Oct	2017 Nov	2017 Oct	2017 Nov	2017 Oct	2017 Nov
<b>Fuel incl. CCL<sup>1</sup></b>	<b>K647</b>	6207000060	110.6	111.8	113.5	116.6p	119.5p	2.7	2.5	3.5	2.2
Domestic coal & lignite incl. CCL	<b>MC78</b>	7167205005	124.1	124.1	124.1	124.1p	124.1p	-	-	-9.3	-23.4
Imported coal & lignite incl. CCL	<b>MC8U</b>	7169205005	140.2	114.2	110.7	110.7p	110.7p	-	-	18.0	-5.4
Electricity incl. CCL	<b>MC8F</b>	7167335105	118.4	117.8	118.8	123.9p	125.8p	4.3	1.5	4.6	3.5
Gas incl. CCL	<b>MC8H</b>	7167335235	96.7r	101.4	104.3	104.3p	109.1p	-	4.6	1.5	1.1
<b>Fuel excl. CCL</b>	<b>K645</b>	6207000020	110.2	111.7	113.0	116.3p	119.2p	2.9	2.5	3.6	2.1
Domestic coal & lignite excl. CCL	<b>MC77</b>	7167205000	125.0	125.0	125.0	125.0p	125.0p	-	-	-10.2	-25.1
Imported coal & lignite excl. CCL	<b>MC8T</b>	7169205000	141.0	114.6	110.9	110.9p	110.9p	-	-	18.2	-5.3
Electricity excl. CCL	<b>MC8E</b>	7167335100	118.0	117.6	118.5	123.5p	125.6p	4.2	1.7	4.7	3.1
Gas excl. CCL	<b>MC8G</b>	7167335230	96.7	102.0	104.0	104.6p	109.2p	0.6	4.4	1.6	1.7
<b>Crude petroleum oils &amp; metal ores</b>	<b>MC4P</b>	6207008700	73.8	79.2	83.5	86.6p	93.2p	3.7	7.6	10.2	27.5
Domestic crude oil & metal ores	<b>MC79</b>	7167206070	71.0	77.0	82.3	85.2p	91.5p	3.5	7.4	9.8	28.3
Imported crude oil & metal ores	<b>MC8V</b>	7169206070	75.1	80.3	84.0	87.3p	94.0p	3.9	7.7	10.4	27.2
<b>Food manufacturing:</b>											
<b>Home produced food materials</b>	<b>MB57</b>	6207008100	125.1r	125.4r	124.8	124.1p	124.9p	-0.6	0.6	8.3	5.8
Agricultural crop products	<b>MC74</b>	7167201000	125.1r	125.9r	125.6	124.8p	125.6p	-0.6	0.6	8.6	6.8
Fish & other fish products	<b>MC76</b>	7167203000	125.0r	117.3	111.6	113.3p	115.2p	1.5	1.7	4.1	-6.1
<b>Imported food materials</b>	<b>MC4O</b>	6207008600	120.8r	121.8	120.9	122.3p	123.5p	1.2	1.0	1.6	1.9
Agricultural crop products	<b>MC8Q</b>	7169201000	124.2r	127.6r	125.0	127.6p	133.5p	2.1	4.6	-0.7	2.2
Fish & fish products	<b>MC8S</b>	7169203000	169.5	169.9	167.1	167.9p	168.1p	0.5	0.1	2.1	2.3
Meat & meat products	<b>MC9F</b>	7169310100	114.2	113.1	113.7	113.1p	110.2p	-0.5	-2.6	5.4	2.5
Processed fish & fish products; fruit & vegetables	<b>MC9G</b>	7169310230	129.2	129.6	129.6	130.6p	129.1p	0.8	-1.1	5.4	4.4
Vegetable, animal oils & fats	<b>MC9H</b>	7169310400	104.1	103.0	103.8	106.1p	104.8p	2.2	-1.2	-1.7	-2.1
Dairy products	<b>MC9I</b>	7169310500	113.6	112.7	113.2	112.8p	109.5p	-0.4	-2.9	5.4	2.2
Grain mill products & starches	<b>MC9J</b>	7169310600	122.7	122.1	122.4	122.7p	120.0p	0.2	-2.2	4.6	2.4
Bakery & farinaceous products	<b>MC9K</b>	7169310700	117.4	116.5	117.0	116.7p	113.5p	-0.3	-2.7	5.2	2.3
Other food products	<b>MC9L</b>	7169310800	120.0	119.5	119.7	119.8p	117.2p	0.1	-2.2	4.3	2.1
Prepared animal feeds	<b>MC9M</b>	7169310900	117.8	117.1	117.5	117.4p	114.5p	-0.1	-2.5	4.9	2.4
<b>Other home produced materials</b>	<b>MC4J</b>	6207008200	121.9r	121.9r	121.2	121.2p	122.0p	-	0.7	2.8	3.4
Forestry products	<b>MC75</b>	7167202000	174.2r	174.2r	174.2	174.2p	174.2p	-	-	19.8	19.8
Other mining & quarrying products	<b>MC7A</b>	7167208000	119.4	119.4	118.4	118.4p	119.5p	-	0.9	2.0	2.9
Water collection, treatment & supply	<b>MC7R</b>	7167236000	115.7	115.7	115.7	115.7p	115.7p	-	-	-0.4	-0.4
<b>Imported metals</b>	<b>MC4K</b>	6207008300	107.7	112.8r	114.2	114.4p	114.8p	0.2	0.3	12.6	11.1
Basic iron, steel & ferro alloys, tubes & pipes	<b>MC9S</b>	7169324130	112.5r	119.8r	122.0	121.0p	120.1p	-0.8	-0.7	16.0	10.9
Other basic metals & casting	<b>MC9T</b>	7169324450	105.3	109.3r	110.4	111.1p	112.2p	0.6	1.0	10.9	11.3
<b>Imported chemicals</b>	<b>MC4L</b>	6207008400	110.9	112.6	111.9	112.0p	112.3p	0.1	0.3	3.1	4.3
Paints, varnishes & coatings, printing inks & other mastics	<b>MC9N</b>	7169320300	111.7	114.2	113.1	112.9p	113.0p	-0.2	0.1	3.4	5.2
Soap, detergents, cleaning & polishing preparations, perfumes & toilet preparations	<b>MC9O</b>	7169320400	106.9	109.0	108.2	108.2p	108.1p	-	-0.1	0.7	1.5

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 Jul	2017 Aug	2017 Sep	2017 Oct	2017 Nov	2017 Oct	2017 Nov	2017 Oct	2017 Nov
Other chemical products	MC9P	7169320500	110.9	112.1	111.3	111.3p	111.7p	-	0.4	2.8	4.4
Industrial gases, inorganic chemicals, fertilisers & nitrogen compounds	MCA3	7169420910	109.8	113.2	113.0	115.1p	117.0p	1.9	1.7	6.8	10.9
Petrochemicals & man made fibres	MCA4	7169420920	110.7	112.4	111.8	111.8p	111.9p	-	0.1	4.9	5.6
Dyes & pigments; pesticides & other agro-chemical products	MCA5	7169420930	101.0	103.3	102.9	102.7p	102.5p	-0.2	-0.2	-17.0	-15.4
Basic pharmaceutical products & pharmaceutical preparations	MC97	7169221000	99.7r	100.4r	99.8	99.8p	99.6p	-	-0.2	0.8	1.5
Rubber & plastic products	MC98	7169222000	116.7	117.5r	116.2	116.2p	116.2p	-	-	0.9	1.3
<b>Other imported parts &amp; equipment</b>	MC4N	6207008520	106.8	107.8	105.8	106.4p	106.9p	0.6	0.5	0.3	2.6
Computer, electronic & optical products	MC99	7169226000	128.1	128.7	125.4	125.9p	126.0p	0.4	0.1	-1.6	-0.6
Electrical equipment	MC9A	7169227000	113.5	115.2	113.9	113.8p	113.9p	-0.1	0.1	-0.2	0.4
Machinery & equipment n.e.c	MC9B	7169228000	115.2	117.0r	115.1	115.1p	114.8p	-	-0.3	-0.3	1.1
Motor vehicles, trailers & semi-trailers	MC9C	7169229000	93.1	93.0	90.4	92.0p	94.7p	1.8	2.9	4.3	12.2
Weapons & ammunition	MC9U	7169325400	88.2	89.7	88.7	88.7p	88.6p	-	-0.1	-0.1	1.4
Fabricated metal products	MC9V	7169325990	86.7	88.2	87.2	87.0p	86.9p	-0.2	-0.1	-0.6	1.0
Ships & boats	MC9W	7169330100	113.2r	113.4r	113.3	115.7p	115.7p	2.1	-	6.7	7.0
Aircraft, spacecraft & related machinery	MC9X	7169330300	106.7	106.9	106.8	107.5p	107.6p	0.7	0.1	-0.7	-0.3
Other transport equipment	MC9Y	7169330990	109.1r	109.3r	109.2	110.6p	110.6p	1.3	-	3.8	4.1
<b>Other imports</b>	MC4M	6207008510	118.5	119.7r	118.5	119.0p	118.8p	0.4	-0.2	0.9	1.8
Forestry products	MC8R	7169202000	116.7	116.0	115.5	118.6p	120.7p	2.7	1.8	-3.2	-0.5
Other mining & quarrying products	MC8W	7169208000	141.5	142.3	138.6	139.6p	139.8p	0.7	0.1	-6.1	-4.8
Tobacco products	MC8X	7169212000	101.9	104.8	102.8	102.7p	102.7p	-0.1	-	-1.2	1.4
Textiles	MC8Y	7169213000	123.0	124.3	122.6	122.8p	122.3p	0.2	-0.4	-0.4	0.6
Wearing apparel	MC8Z	7169214000	120.2	123.4	121.0	122.3p	121.8p	1.1	-0.4	-1.0	1.2
Leather & related leather products	MC92	7169215000	120.9	127.2	125.8	126.1p	118.6p	0.2	-5.9	6.6	1.4
Wood & wooden products	MC93	7169216000	110.9	111.8	111.5	113.3p	114.0p	1.6	0.6	3.9	6.1
Paper & paper products	MC94	7169217000	106.9r	107.1r	108.6	108.9p	108.7p	0.3	-0.2	5.6	5.3
Printing & recording services	MC95	7169218000	106.5	106.9	106.7	107.0p	107.3p	0.3	0.3	-2.1	0.7
Coke & refined petroleum products	MC96	7169219000	152.1	155.5	150.2	150.4p	150.0p	0.1	-0.3	-1.3	0.5
Furniture	MC9D	7169231000	63.8	64.2	63.8	65.5p	65.5p	2.7	-	5.8	7.0
Glass, refractory, clay other porcelain, ceramic stone & abrasive products	MC9R	7169323990	113.0	114.5r	113.2	113.3p	113.1p	0.1	-0.2	0.4	1.9
Cement, lime, plaster & articles of concrete, cement & plaster	MC9Q	7169323560	112.9	114.4	113.2	113.2p	113.0p	-	-0.2	0.4	1.8
Alcoholic beverages	MC9Z	7169411016	113.8	116.3	114.5	114.2p	113.8p	-0.3	-0.4	-3.0	-1.0
Soft drinks, mineral water & other bottled waters	MCA2	7169411070	124.1	127.4	125.4	124.9p	124.4p	-0.4	-0.4	-2.7	-0.3
Other manufactured goods n.e.c	MC9E	7169232000	105.1	105.9	103.6	103.1p	102.9p	-0.5	-0.2	-4.2	-3.5
<b>Imported materials</b>											
All imported materials - total (incl Crude Oil)	K64F	6207008500	104.2	106.6	106.6	107.7p	109.4p	1.0	1.6	4.1	7.4

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		
2014 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	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	..	..	..	..	..	..

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

Source: Office for National Statistics

# 9R Net Sector Input Prices, including Climate Change Levy<sup>1</sup>: 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		
2014 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	-	-	-	-	-	-	-0.2	-0.2	-0.2
Dec	-	-	-	-	-	-	0.2	0.2	0.2
2017 Jan	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-
Sep	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Oct	0.2	-	0.2	0.3	0.2	0.2	0.3	0.2	0.3
Nov	..	..	..	..	..	..	..	..	..

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

Source: Office for National Statistics