



**Manufacturing Industries
Output Price Index**

Annual
% Change



**Wholesale Price Index
November 2012**

Manufacturing Output Price Index

	Price Index (Year '05=100)	% monthly change	% annual change
Sep 2012	100.6	-2.3%	+2.2%
Oct 2012	100.9	+0.3%	+2.9%
Nov 2012	101.7	+0.8%	+2.7%

Annual Manufacturing Prices increase by 2.7% in November

Monthly factory gate prices increased by 0.8% in November 2012. This compares to an increase of 0.9% recorded for November of last year. As a result, the annual percentage change showed an increase of 2.7% in November 2012, compared with an increase of 2.9% in the year to October 2012. *See graph across and table 1.*

In the month, the price index for export sales increased by 0.8%, while the index for home sales increased by 0.6%. In the year there was an increase of 2.7% in the price index for export sales (this can be influenced by currency fluctuations) and an increase of 2.3% in respect of the price index for home sales. *See table 2 and graph on page 6.*

In the month, the most significant changes were increases in Computer, electronic and optical products (+1.1%), Other food products including bread and confectionary (+0.9%) and Basic pharmaceutical products and pharmaceutical preparations (+0.8%), while there were decreases in Fabricated metal products, except machinery and equipment (-0.4%), Wood and wood products (-0.3%) and Other non-metallic mineral products (-0.2%). *See tables 2 and 2A.*

Contributing to the annual change were increases in Computer, electronic and optical products (+9.3%), Other food products including bread and confectionary (+5.9%) and Machinery and Equipment n.e.c. (+3.8%), while there were decreases in Dairy products (-6.2%), Basic pharmaceutical products and pharmaceutical preparations (-1.8%) and Other Manufacturing including Medical and Dental Instruments and Supplies (-1.0%). *See tables 2 and 2A.*

The yearly price index for Mining and quarrying increased by 9.9% while the monthly index decreased by 1.6%. *See table 2.*

- ◆ Building and Construction All materials prices increased by 2.2% in the year since November 2011. The most notable yearly changes were increases in Glass (+14.1%), Stone (+8.8%) and PVC pipes and fittings (+7.0%) while there were decreases in Lighting equipment (-5.1%), Precast concrete (-4.3%) and All other metal fittings (-2.5%). Building and Construction All material prices showed an increase of 0.2% for the month. *See table 3.*
- ◆ Year on year, the price of Capital Goods increased by 1.2%, while the monthly price index increased by 0.1%. *See table 4.*
- ◆ The price of Energy products increased by 0.4% in the year since November 2011, while Petroleum fuels increased by 1.0%. In November 2012, the monthly price index for Energy products decreased by 1.1%, while Petroleum fuels decreased by 2.8%. *See table 5.*

Published by the Central Statistics Office, Ireland.

Ardee Road
Dublin 6
Ireland

Skehard Road
Cork
Ireland

LoCall: 1890 313 414 (ROI)
0870 876 0256 (UK/NI)

Tel: +353 1 498 4000
Fax: +353 1 498 4229

Tel: +353 21 453 5000
Fax: +353 21 453 5555

Both offices may be contacted through any of these telephone numbers.

CSO on the Web: www.cso.ie
and go to
Economy: Prices

Director General: Pádraig Dalton

Enquiries:

WPI statistics WPI Section, (021) 453 5779
Email: wpi@cso.ie

General queries Information Section, (021) 453 5021
Email: information@cso.ie

© Central Statistics Office
The contents of this release may be quoted provided the source is given clearly and accurately. Reproduction for own or internal use is permitted.

Print ISSN 0791-3311
On-line ISSN 2009-5198

For more information contact Ken Kennedy on 021 453 5447 or Tony Kelleher on 021 453 5096.

Table 1 Manufacturing Industries Output Price Indices (excluding VAT) Rebased Series 2005=100

Base: Year 2005 as 100

		Manufacturing Industries Output Price Index			Manufacturing Industries Output Price Index (Home Sales)		Manufacturing Industries Output Price Index (Export Sales)	
Year	Period	Price Index	% Change on preceding period	Annual % change	Price Index	% Change on Preceding Period	Price Index	% Change on Preceding Period
2005	Year	100.0	-	-	100.0	-	100.0	-
2006	Year	100.4	0.4	0.4	103.5	3.5	99.8	-0.2
2007	Year	98.1	-2.3	-2.3	105.8	2.2	96.6	-3.2
2008	Year	96.8	-1.3	-1.3	112.0	5.9	94.0	-2.7
2009	Year	97.5	0.7	0.7	108.0	-3.6	95.5	1.6
2010	Year	97.6	0.1	0.1	109.6	1.5	95.3	-0.2
2011	Year	98.1	0.5	0.5	114.6	4.6	95.0	-0.3
2010	Quarter 1	97.1	0.5	-1.1	107.9	0.0	95.0	0.6
	Quarter 2	98.5	1.4	0.9	110.0	1.9	96.3	1.4
	Quarter 3	98.1	-0.4	0.5	110.1	0.1	95.9	-0.4
	Quarter 4	96.7	-1.4	0.1	110.5	0.4	94.1	-1.9
2011	Quarter 1	98.0	1.3	0.9	112.7	2.0	95.2	1.2
	Quarter 2	97.7	-0.3	-0.8	115.5	2.5	94.4	-0.8
	Quarter 3	97.7	0.0	-0.4	115.2	-0.3	94.4	0.0
	Quarter 4	98.9	1.2	2.3	115.1	-0.1	95.8	1.5
2012	Quarter 1	100.5	1.6	2.6	116.9	1.6	97.4	1.7
	Quarter 2	100.3	-0.2	2.7	118.0	0.9	97.0	-0.4
	Quarter 3	101.9	1.6	4.3	117.0	-0.8	99.0	2.1
2010	January	96.9	0.7	-1.0	107.4	-0.5	94.9	1.0
	February	97.4	0.5	-1.5	108.4	0.9	95.4	0.5
	March	96.9	-0.5	-0.9	107.9	-0.5	94.8	-0.6
	April	97.9	1.0	-0.4	109.7	1.7	95.6	0.8
	May	99.0	1.1	2.0	110.8	1.0	96.7	1.2
	June	98.6	-0.4	1.2	109.5	-1.2	96.5	-0.2
	July	98.0	-0.6	0.9	109.7	0.2	95.8	-0.7
	August	98.2	0.2	0.5	110.0	0.3	95.9	0.1
	September	98.2	0.0	0.3	110.6	0.5	95.9	0.0
	October	95.7	-2.5	-0.7	109.8	-0.7	93.1	-2.9
	November	97.2	1.6	0.0	111.1	1.2	94.6	1.6
	December	97.2	0.0	1.0	110.7	-0.4	94.7	0.1
2011	January	98.2	1.0	1.3	111.6	0.8	95.6	1.0
	February	98.0	-0.2	0.6	112.7	1.0	95.3	-0.3
	March	97.8	-0.2	0.9	113.8	1.0	94.8	-0.5
	April	97.1	-0.7	-0.8	115.1	1.1	93.7	-1.2
	May	98.4	1.3	-0.6	116.5	1.2	95.0	1.4
	June	97.6	-0.8	-1.0	115.0	-1.3	94.4	-0.6
	July	97.6	0.0	-0.4	115.1	0.1	94.3	-0.1
	August	97.2	-0.4	-1.0	115.2	0.1	93.8	-0.5
	September	98.4	1.2	0.2	115.3	0.1	95.2	1.5
	October	98.1	-0.3	2.5	114.6	-0.6	95.0	-0.2
	November	99.0	0.9	1.9	115.3	0.6	96.0	1.1
	December	99.5	0.5	2.4	115.5	0.2	96.5	0.5
2012	January	100.9	1.4	2.7	116.6	1.0	98.0	1.6
	February	100.3	-0.6	2.3	116.9	0.3	97.1	-0.9
	March	100.3	0.0	2.6	117.2	0.3	97.1	0.0
	April	99.8	-0.5	2.8	118.3	0.9	96.3	-0.8
	May	100.4	0.6	2.0	118.4	0.1	97.0	0.7
	June	100.7	0.3	3.2	117.3	-0.9	97.6	0.6
	July	102.0	1.3	4.5	116.2	-0.9	99.3	1.7
	August	103.0	1.0	6.0	117.5	1.1	100.3	1.0
	September	100.6	-2.3	2.2	117.4	-0.1	97.5	-2.8
	October	100.9	0.3	2.9	117.3	-0.1	97.8	0.3
	November	101.7	0.8	2.7	118.0	0.6	98.6	0.8

Table 2 Industrial Producer Price Indices (excluding VAT)

Base: Year 2005 as 100

	NACE code ¹	Index		Monthly % Change		Annual % Change	
		Oct	Nov	Sep	Oct	Nov	Nov
		2012	2012	2012	2012	2012	2012
Food Products	10	124.4	125.3	-1.3	0.2	0.7	3.0
Meat and meat products	101	132.1	132.3	-0.9	-0.7	0.2	1.5
Fish and fish products	102	132.8	146.4	-1.4	0.4	10.2	8.0
Fruit and vegetables	103	106.9	106.9	-0.6	0.8	0.0	4.0
Vegetables and animal oils and fats	104	140.5	151.6	0.0	0.0	7.9	7.9
Dairy products	105	117.5	117.4	3.0	1.0	-0.1	-6.2
Grain milling, starches and animal feeds	106,109	137.2	137.5	0.7	0.7	0.2	9.5
Bakery and farinaceous products	107	127.6	128.1	-1.2	0.2	0.4	3.0
Other food products	108	121.6	122.7	-3.0	0.2	0.9	5.9
Beverages	11	103.1	103.1	-0.2	0.1	0.0	0.0
Textiles	13	111.0	110.9	-0.1	0.0	-0.1	0.7
Wearing apparel	14	103.6	103.6	-0.5	0.6	0.0	2.2
Leather and leather products (incl. footwear); dressing and dyeing of fur	15	99.7	99.7	-0.5	0.0	0.0	4.9
Wood and wood products	16	110.1	109.8	-3.9	0.4	-0.3	1.7
Pulp, paper and paper products	17	98.9	98.5	-0.4	0.0	-0.4	0.0
Printing and reproduction of recorded media	18	102.5	102.5	-1.8	0.1	0.0	3.4
Chemicals and chemical products	20	105.2	105.8	-1.9	0.4	0.6	0.8
Basic pharmaceutical products and pharmaceutical preparations	21	87.3	88.0	-2.9	0.5	0.8	-1.8
Rubber and plastic products	22	109.8	109.8	-0.1	-0.1	0.0	2.1
Other non-metallic mineral products	23	115.9	115.7	-0.1	0.1	-0.2	2.6
Basic metals	24	133.3	134.6	-3.2	1.1	1.0	2.7
Fabricated metal products, except machinery and equipment	25	103.0	102.6	-0.8	0.1	-0.4	-0.8
Computer, electronic and optical products	26	88.6	89.6	-4.1	0.6	1.1	9.3
Electrical equipment	27	139.3	139.5	-1.0	-0.4	0.1	2.4
Machinery and Equipment n.e.c.	28	107.4	107.9	-1.8	0.8	0.5	3.8
Motor vehicles, trailers and semi-trailers	29	93.2	93.4	-0.7	0.1	0.2	-0.7
Furniture	31	100.9	101.0	-0.6	-0.3	0.1	1.4
Other Manufacturing	32	108.8	109.1	-0.2	0.1	0.3	-1.0
Mining and quarrying	05-09	116.0	114.1	2.5	2.0	-1.6	9.9
Total transportable goods industries		101.0	101.8	-2.1	0.2	0.8	2.7
Food products, Beverages and Tobacco Products	10-13	121.9	122.7	-1.3	0.2	0.7	2.8
Manufacturing industries excluding Food Products		96.0	96.8	-2.5	0.3	0.8	2.5
Manufacturing Industries excluding Food Products, Beverages and Tobacco Products		95.7	96.5	-2.6	0.3	0.8	2.7
Intermediate goods industries (except energy)		114.7	114.7	-0.3	0.2	0.0	2.5
Capital goods industries		90.1	91.0	-3.7	0.6	1.0	7.2
Durable consumer goods industries		108.8	109.2	-1.5	0.1	0.4	2.5
Non-durable consumer goods industries		100.4	101.1	-2.2	0.3	0.7	0.3
Manufacturing industries (home sales) ²		117.3	118.0	-0.1	-0.1	0.6	2.3
Manufacturing industries (export sales) ²		97.8	98.6	-2.8	0.3	0.8	2.7
Total manufacturing industries²		100.9	101.7	-2.3	0.3	0.8	2.7

¹ Nace Rev. 2 Statistical classification of economic activities in the European Community.

² Excludes Mining and quarrying.

Table 2A Contribution to changes in the Manufacturing Output Price Index, November 2012 (Table 2)

Industrial sector	NACE code ¹	Contribution to overall % change ²	
		One month	Twelve months
Food Products	10	0.15	0.65
Meat and meat products	101	0.00	0.08
Fish and fish products	102	0.05	0.04
Fruit and vegetables	103	0.00	0.01
Vegetables and animal oils and fats	104	0.00	0.00
Dairy products	105	0.00	-0.23
Grain milling, starches and animal feeds	106,109	0.00	0.09
Bakery and farinaceous products	107	0.00	0.02
Other food products	108	0.10	0.64
Beverages	11	0.00	0.00
Tobacco Products	12	0.00	0.01
Textiles	13	0.00	0.00
Wearing apparel	14	0.00	0.01
Leather and leather products (incl. footwear); dressing and dyeing of fur	15	0.00	0.00
Wood and wood products	16	0.00	0.02
Pulp, paper and paper products	17	0.00	0.00
Printing and reproduction of recorded media	18	0.00	0.05
Coke and refined petroleum products	19	0.17	0.39
Chemicals and chemical products	20	0.01	0.02
Basic pharmaceutical products and pharmaceutical preparations	21	0.21	-0.50
Rubber and plastic products	22	0.00	0.04
Other non-metallic mineral products	23	0.00	0.07
Basic metals	24	0.01	0.02
Fabricated metal products, except Machinery and equipment	25	-0.01	-0.02
Computer, electronic and optical products	26	0.24	1.89
Electrical equipment	27	0.00	0.04
Machinery and Equipment n.e.c.	28	0.01	0.11
Motor vehicles, trailers and semi-trailers	29	0.00	-0.01
Other transport equipment	30	0.00	-0.01
Furniture	31	0.00	0.01
Other Manufacturing	32	0.02	-0.06
Repair and Installation of machinery and equipment	33	0.00	-0.01
Mining and quarrying	05-09	-0.03	0.15

¹ Nace Rev. 2 Statistical classification of economic activities in the European Community.

² See Background Notes.

Table 3 Detailed Wholesale Price Indices (excluding VAT) for Building and Construction Materials¹

Base: Year 2005 as 100

Materials	Index		Monthly % Change			Annual % Change
	Oct 2012	Nov 2012	Sep 2012	Oct 2012	Nov 2012	Nov 2012
Stone, sand and gravel	135.9	135.5	-3.4	-0.9	-0.3	7.4
Stone	133.8	134.8	-4.2	-1.3	0.7	8.8
Sand and gravel	189.2	177.8	1.2	1.3	-6.0	-0.4
Cement	127.8	127.8	0.0	-0.6	0.0	-0.6
Ready mixed mortar and concrete	109.6	111.0	-1.0	0.7	1.3	4.5
Concrete blocks and bricks	122.2	122.6	-0.8	-0.5	0.3	1.9
Other concrete products	97.8	97.8	0.4	0.0	0.0	-0.1
Precast concrete	94.7	94.7	0.0	0.0	0.0	-4.3
Other concrete products (Excluding precast concrete)	98.3	98.3	0.7	0.0	0.0	0.2
Structural steel and reinforcing metal	115.9	115.8	-0.1	0.0	-0.1	1.0
Structural steel	115.7	115.7	-0.1	0.2	0.0	2.1
Fabricated metal	111.8	111.9	-0.1	0.1	0.1	2.2
Other Structural steel	95.8	95.8	0.0	0.0	0.0	1.1
Reinforcing metal	116.4	115.9	-0.1	-0.3	-0.4	-0.9
Other steel products	100.0	100.0	0.0	0.0	0.0	0.9
Rough timber (including plain sawn)	113.6	114.0	-0.9	0.0	0.4	1.7
Hardwood	103.8	103.8	-1.2	0.0	0.0	-0.9
Other	115.0	115.4	-0.8	0.0	0.3	2.0
Other timber	107.7	107.7	0.0	0.0	0.0	-0.6
Windows and doors	114.4	114.4	0.0	0.0	0.0	0.4
Other	102.0	102.0	0.0	0.0	0.0	-1.8
Bituminous macadam, asphalt and bituminous emulsions	181.7	180.2	1.8	3.5	-0.8	13.4
Bituminous macadam and asphalt	181.5	180.1	1.6	3.8	-0.8	13.8
Bituminous emulsions	187.0	182.9	4.3	-0.4	-2.2	4.4
Electrical fittings	121.1	121.1	-0.1	0.0	0.0	0.9
Lighting equipment	131.8	131.8	-0.2	0.0	0.0	-5.1
Protection & communication equipment	112.5	112.5	0.0	0.2	0.0	0.4
All other materials	135.8	136.0	-0.1	0.4	0.1	1.9
Plumbing materials incl. sanitary ware	113.9	113.9	-2.9	0.0	0.0	-1.2
HVAC (heating & ventilation equipment)	117.2	117.2	0.0	0.0	0.0	1.6
Insulating materials	138.1	139.8	0.0	0.0	1.2	2.3
Pipes and fittings	190.9	190.7	-0.1	0.0	-0.1	4.0
PVC	105.4	105.4	0.0	0.0	0.0	7.0
Copper	365.0	364.8	-0.1	0.0	-0.1	3.3
Plaster	121.3	122.0	0.0	0.0	0.6	-0.1
Paints, oils and varnishes	101.3	101.3	0.0	2.1	0.0	0.4
Glass	128.4	135.7	0.0	0.0	5.7	14.1
All other metal fittings	115.4	115.4	0.0	0.0	0.0	-2.5
All other products	129.9	129.9	0.0	0.9	0.0	1.5
All materials	123.0	123.3	-0.5	0.2	0.2	2.2

¹ The former Table 3 series is available on request: see Wholesale Price Index Introduction of Updated Series to Base 2005 as 100

Table 4 Capital Goods Price Indices (excluding VAT)

Base: Year 2005 as 100

Capital goods	Index		Monthly % Change			Annual % Change
	Oct 2012	Nov 2012	Sep 2012	Oct 2012	Nov 2012	Nov 2012
Transportable capital for use in						
Agriculture	114.0	114.0	0.5	0.1	0.0	2.2
Industry	97.9	98.0	-0.5	0.0	0.1	1.3
of which:						
Private vehicles ¹	104.5	104.5	0.0	0.0	0.0	0.6
Commercial vehicles	99.4	99.4	0.0	0.0	0.0	2.6
Agriculture and industry	100.3	100.4	-0.3	0.0	0.1	1.4
Other sectors	99.9	99.9	-0.1	0.0	0.0	1.4
Total transportable capital	100.1	100.2	-0.2	0.0	0.1	1.4
Building and construction (i.e. materials and wages)	112.6	112.7	-0.3	0.1	0.1	1.1
All capital goods	110.8	110.9	-0.3	0.1	0.1	1.2

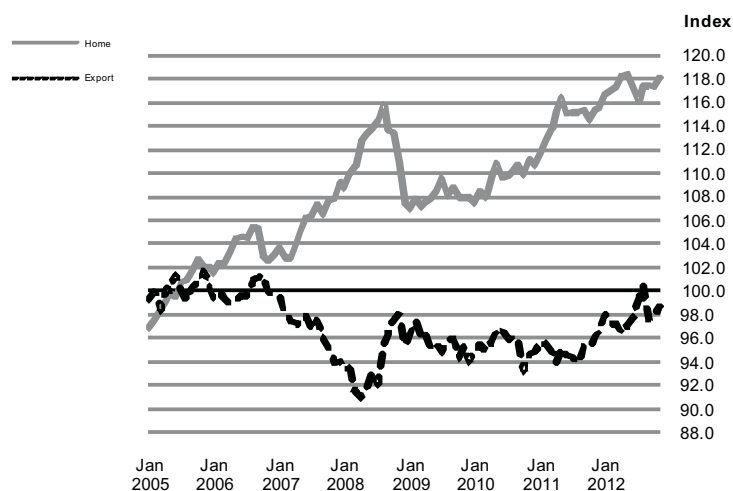
¹ Private vehicles are inclusive of VAT which is non-deductible for industry and agriculture.

Table 5 Wholesale Price Indices (excluding VAT) for Energy Products (i.e. Fuels purchased by Manufacturing Industry)

Base: Year 2005 as 100

Energy fuels	Index		Monthly % Change			Annual % Change
	Oct 2012	Nov 2012	Sep 2012	Oct 2012	Nov 2012	Nov 2012
Petrol	155.3	149.6	-0.6	0.0	-3.7	3.6
Autodiesel	148.3	144.4	0.1	0.3	-2.6	1.3
Gas oil (other than autodiesel)	156.6	151.3	1.1	0.7	-3.4	2.5
Fuel oil	184.3	179.2	0.1	-2.8	-2.8	0.4
Petroleum fuels	169.9	165.1	0.2	-1.6	-2.8	1.0
Energy products ¹	132.3	130.8	0.1	-0.7	-1.1	0.4

¹ Energy products including an estimated subindex for electricity.

Manufacturing Industries: Output Price Indices for Home and Export Sale (Base: Year 2005 as 100)

Background Notes

Wholesale Price Index The term Industrial Producer Price Index refers to a family of indices that measure the average change over time in the selling prices received by domestic producers of goods and services. The other three wholesale price index series incorporate imported and home produced goods sold by manufacturers and wholesale outlets.

Coverage The output price indices for sectors of Manufacturing Industries cover both home sales and export sales. The Indices for Total transportable goods industries; Food, drink and tobacco; Manufacturing industries excluding food; Manufacturing industries excluding food, drink and tobacco; Intermediate goods industries (except energy); Capital goods industries; Durable consumer goods industries; Non-durable consumer goods industries; Manufacturing industries (home sales); Manufacturing industries (export sales) and Total manufacturing industries are all calculated on a net sector basis, i.e. the weights used to combine the sectoral indices (including those for sectors not distinguished in Table 2) exclude sales to other sectors of Manufacturing Industry.

Table 2A gives the percentage contribution of each sector (including those not published on Table 2) to the overall percentage change on Table 2. The percentage contributions on Table 2A may not add up to the Total Manufacturing industries percentage change on Table 2 due to rounding and other adjustments for presentational purposes. In comparing these contributions against these percentage changes in indices presented on Table 2 caution should be exercised as the former is calculated on a net sector basis.

The Building Materials, Capital Goods and Energy Products indices (Tables 3, 4 and 5) cover home production and imports of these commodities. Table 3, the Wholesale Price Index for Building and Construction Materials, provides only a general indication of price trends in that sector. Actual transaction prices are collected for materials purchased by construction and civil engineering firms. The price indices reflect an 'average' over a mixture of products from many companies throughout the country. They also reflect prices for both long-term and short-term contracts and for high and low volume civil engineering works. It should be noted that long-term, high volume fixed contracts for major works might dilute in the short-term the impact of emerging price changes on the index. Furthermore, industry sources have confirmed that price increases notified by companies may not always be achieved in practice following negotiations. Much depends on the prevailing market conditions. Therefore changes over the short-term in the indices derived from these transaction prices will not always coincide with price changes notified by companies.

Prices All indices in the series are based on prices at the 15th of the month. Quarterly and annual indices are simple averages of the corresponding monthly indices.

Prices used in the compilation of the indices are:

- excluding delivery charges itemised on the invoice separately
- after discounts or surcharges are applied
- before addition of direct subsidies
- exclusive of VAT (except for private vehicles used in Table 4)
- inclusive of excise duty

Every effort is made by the Wholesale Prices Section to collect all prices for the relevant month. Where this is not possible late prices are included in the following month's calculations.

Methodology This Wholesale Price Index series is compiled to base 2005 as 100. A methodological description of this updated series is given in the Wholesale Price Index Introduction of Updated Series base 2005 as 100.

Calculating percentage changes in the index The movement of the output price indices is expressed as percentage change, rather than a change in index points, because index point changes are affected by the level of the index in relation to its base period, whereas percentage changes are not.

The example below illustrates the computation of a percentage change:

Percentage change calculation	
Current index	105.6
Less previous index	102.1
Equals in index points	3.5
Divided by the previous index	102.1
Equals	0.0343
Results multiplied by 100	0.0343×100
Equals percentage change	3.4

Alternatively, users may calculate a percentage change by dividing the current index by the previous index , multiplying by 100 and then subtracting 100.