

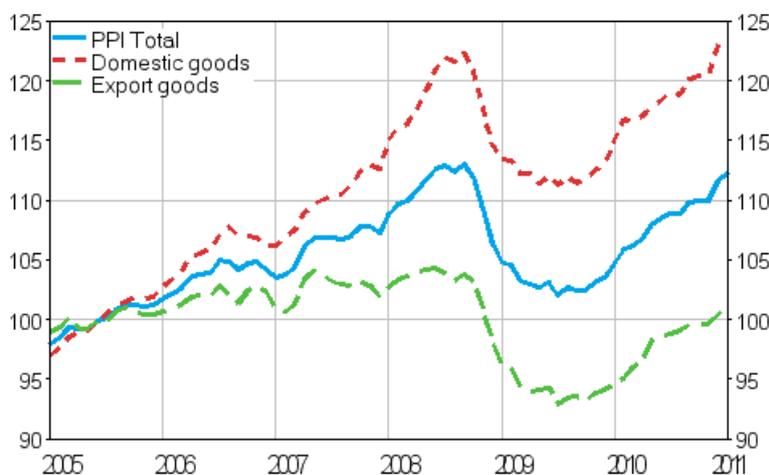
# Producer Price Index

2011, January

## Producer prices for manufactured products rose by 7.2 per cent in the year

According to Statistics Finland, producer prices for manufactured products rose by an average of 7.2 per cent from January 2010 to January 2011. Producer prices for manufactured products sold on the domestic market rose by 7.3 per cent, while the producer prices of export industries went up by 7.2 per cent.

### Producer Price Index (PPI) 2005=100, 2005:01–2011:01



The export price index rose by 7.6 per cent and the import price index by 11.3 per cent in the year. The basic price index for domestic supply went up by 8.1 per cent and the year-on-year change in the wholesale price index was 10.7 per cent.

The rise in the producer prices for manufactured products was particularly caused by increased prices of metals, oil products and pulp from the previous year's January. The rising of the prices was curbed above all by falls in the prices of electronic products.

From December 2010 to January 2011, producer prices for manufactured products rose by 0.6 per cent. The rise was mainly caused by increases in the prices of oil products and chemicals.

### Producer Price Indices 2005=100

	Index 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
Producer Price Index, total	112.3	0.6	7.2
- Producer Price Index, domestic goods	123.3	0.3	7.3
- Producer Price Index, export goods	101.3	1.0	7.2
Export Price Index	101.9	1.0	7.6
Import Price Index	115.6	1.2	11.3
Basic Price Index for Domestic Supply	119.0	0.6	8.1
Wholesale Price Index	119.9	1.5	10.7

### Producer Price Indices 1949=100

	Index 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
Production Price Index	1911	0.6	7.2
Export Price Index (fob)	1693	1.0	7.6
Import Price Index (cif)	1580	1.2	11.3
Wholesale Price Index	2120	1.5	10.7

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**Appendix table 1. Producer Price Indices 2005=100, index numbers and year-on-year changes**

Year and month		Producer Price Index		Basic Price Index for Domestic Supply		Export Price Index		Import Price Index		Wholesale Price Index	
		Index	%/year	Index	%/year	Index	%/year	Index	%/year	Index	%/year
2005	1-12	100.0		100.0		100.0		100.0		100.0	
2006	1-12	103.8	3.8	105.7	5.7	102.0	2.0	106.6	6.6	105.5	5.5
2007	1-12	106.3	2.4	109.9	4.0	102.6	0.6	108.6	1.8	109.3	3.6
2008	1-12	110.8	4.3	116.1	5.7	103.0	0.4	112.2	3.4	115.4	5.6
2009	1-12	103.2	-6.9	108.7	-6.4	94.2	-8.6	102.5	-8.7	107.0	-7.2
2010	1-12	108.3	5.0	114.2	5.0	98.3	4.3	109.4	6.7	113.1	5.7
	1	104.7	-0.1	110.1	-0.4	94.7	-1.7	103.8	-0.2	108.3	-0.7
	2	105.9	1.2	111.3	1.2	95.3	-0.9	105.3	1.8	109.7	1.2
	3	106.2	2.9	112.3	2.7	96.3	1.9	107.7	4.7	110.7	2.8
	4	106.8	3.6	113.1	4.0	96.9	3.0	109.2	6.7	111.5	4.1
	5	108.0	5.2	113.5	5.3	98.6	4.7	109.4	8.0	111.9	5.4
	6	108.5	5.2	114.4	5.7	99.0	4.9	110.4	8.2	112.9	5.7
	7	108.9	6.7	114.5	6.2	99.1	6.6	109.7	8.1	114.0	7.3
	8	108.9	6.0	114.5	5.4	99.3	6.2	110.3	6.9	114.0	6.3
	9	109.8	7.2	115.5	7.2	99.8	6.8	110.6	8.6	115.0	8.3
	10	110.0	7.3	115.9	7.2	99.8	7.1	110.5	7.8	115.2	8.7
	11	110.0	6.6	116.3	7.3	99.9	6.5	111.4	8.7	115.8	8.8
	12	111.6	7.8	118.4	8.8	100.9	6.9	114.3	11.2	118.1	10.5
2011	1	112.3	7.2	119.0	8.1	101.9	7.6	115.6	11.3	119.9	10.7

**Appendix table 2. Producer Price Indices 1949=100**

Year and month	Production Price Index	Export Price Index	Import Price Index	Wholesale Price Index
2005 1-12	1664	1599	1389	1768
2006 1-12	1745	1665	1494	1872
2007 1-12	1795	1706	1529	1938
2008 1-12	1862	1724	1582	2027
2009 1-12	1756	1566	1401	1893
2010 1-12	1843	1633	1495	2000
2011 1	1911	1693	1580	2120

**Appendix table 3. Producer Price Index 2005=100 (NACE-TOL 2008)**

Commodity groups according to NACE SIC	Domestic goods	Export goods	Total 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
B-E Total Index	123.3	101.3	112.3	0.6	7.2
B Mining and quarrying	122.2	128.9	123.0	1.4	5.4
C Manufacturing	120.3	101.0	109.9	1.0	7.5
C10 Manufacture of food products	113.1	116.4	113.6	0.5	2.8
C11 Manufacture of beverages	118.1	111.3	117.2	-0.3	-1.6
C13 Manufacture of textiles	100.2	105.7	103.1	3.9	6.8
C14 Manufacture of wearing apparel	108.8	114.0	111.9	0.9	2.4
C16 Manufacture of wood and of products of wood and cork, except furniture	112.5	116.8	114.5	-0.1	3.5
C17 Manufacture of paper and paper products	120.2	106.0	110.5	1.0	10.0
C171 Manufacture of pulp, paper and paperboard	121.9	106.0	110.6	1.1	10.3
C172 Manufacture of articles of paper and paperboard	111.2	105.9	109.4	0.8	6.0
C18 Printing and reproduction of recorded media			110.4	0.6	-0.3
C20 Manufacture of chemicals and chemical products	134.1	123.1	128.6	3.8	14.4
C22 Manufacture of rubber and plastic products	109.3	112.7	110.9	0.8	6.7
C23 Manufacture of other non-metallic mineral products	118.6	100.0	113.7	0.4	1.5
C24 Manufacture of basic metals	134.0	125.8	129.0	0.5	21.9
C25 Manufacture of fabricated metal products, except machinery and equipment	114.9	105.5	112.3	0.9	5.3
C26 Manufacture of computer, electronic and optical products			58.1	-1.2	-4.0
C265 Manufacture of instruments and appliances for measuring, testing and navigation; watches and			98.5	-0.1	1.1
C27 Manufacture of electrical equipment	109.8	116.9	114.6	1.3	1.3
C28 Manufacture of machinery and equipment n.e.c.	115.0	106.7	109.4	-0.2	1.4
C29 Manufacture of motor vehicles, trailers and semi-trailers	117.0	104.7	109.7	-0.6	2.7
C31 Manufacture of furniture	106.7	111.5	107.6	0.8	-0.3
D35 Electricity, gas, steam and air conditioning supply			152.6	-4.9	3.3
D353 Steam and air conditioning supply			147.7	0.0	1.0
E36 Water collection, treatment and supply			129.1	5.0	5.4

**Appendix table 4. Producer Price Index 2005=100 (MIG)**

Main Industrial Groupings (MIG)	Domestic goods	Export goods	Total 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
Intermediate goods	121.2	114.6	117.6	1.1	9.8
Capital goods	110.7	75.5	88.2	-0.3	0.5
Durable consumer goods	112.2	113.1	112.7	0.7	2.8
Non-durable consumer goods	112.7	108.6	111.7	0.5	1.7
Energy	157.6				

**Appendix table 5. Export Price Index 2005=100 (NACE-TOL 2008)**

Commodity groups according to NACE SIC	Index 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
A-E Total Index	101.9	1.0	7.6
A Agriculture, Forestry and fishing	170.8	-0.8	45.1
C Manufacturing	101.0	1.0	7.1
C10 Manufacture of food products	116.4	-0.5	9.3
C11 Manufacture of beverages	111.3	0.6	-4.1
C13 Manufacture of textiles	105.7	7.7	12.5
C14 Manufacture of wearing apparel	114.0	-0.1	0.0
C16 Manufacture of wood and of products of wood and cork, except furniture	116.8	0.9	6.5
C17 Manufacture of paper and paper products	106.0	0.8	8.6
C171 Manufacture of pulp, paper and paperboard	106.0	0.8	8.6
C172 Manufacture of articles of paper and paperboard	105.9	1.7	9.3
C20 Manufacture of chemicals and chemical products	123.1	3.9	12.4
C22 Manufacture of rubber and plastic products	112.7	0.4	7.6
C23 Manufacture of other non-metallic mineral products	100.0	0.9	1.7
C24 Manufacture of basic metals	125.8	2.0	19.9
C25 Manufacture of fabricated metal products, except machinery and equipment	105.5	1.5	3.7
C27 Manufacture of electrical equipment	116.9	0.7	0.2
C28 Manufacture of machinery and equipment n.e.c.	106.7	0.2	1.2
C29 Manufacture of motor vehicles, trailers and semi-trailers	104.7	-1.4	2.9
C31 Manufacture of furniture	111.5	0.4	0.4

**Appendix table 6. Export Price Index 2005=100 (MIG)**

Main Industrial Groupings (MIG)	Index 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
Intermediate goods	114.6	1.5	9.8
Capital goods	75.5	-0.5	-1.0
Durable consumer goods	113.1	-0.3	3.8
Non-durable consumer goods	108.6	0.8	5.5

**Appendix table 7. Import Price Index 2005=100 (NACE-TOL 2008)**

Commodity groups according to NACE SIC	Index 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
A-E Total Index	115.6	1.2	11.3
A Agriculture, Forestry and fishing	127.5	0.3	15.4
B Mining and quarrying	151.5	2.8	30.3
C Manufacturing	108.4	0.5	6.8
C10 Manufacture of food products	121.1	3.0	8.9
C11 Manufacture of beverages	137.8	0.2	-0.9
C13 Manufacture of textiles	109.2	3.6	8.9
C14 Manufacture of wearing apparel	99.5	-0.7	2.9
C16 Manufacture of wood and of products of wood and cork, except furniture	118.5	-0.4	2.7
C17 Manufacture of paper and paper products	111.7	0.4	13.6
C19 Manufacture of coke and refined petroleum products	164.5	1.5	22.3
C192 Manufacture of refined petroleum products	166.1	2.1	20.7
C20 Manufacture of chemicals and chemical products	122.1	2.7	11.9
C21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	93.2	-1.6	-1.2
C22 Manufacture of rubber and plastic products	114.1	1.0	6.4
C23 Manufacture of other non-metallic mineral products	109.8	0.4	-1.8
C24 Manufacture of basic metals	151.1	1.8	24.4
C241 Manufacture of basic iron and steel and of ferro-alloys	147.8	0.9	21.3
C244 Manufacture of basic precious and other non-ferrous metals	172.3	4.1	36.4
C25 Manufacture of fabricated metal products, except machinery and equipment	112.4	-1.6	1.7
C26 Manufacture of computer, electronic and optical products	65.3	-1.9	-4.7
C27 Manufacture of electrical equipment	106.7	-1.0	4.7
C28 Manufacture of machinery and equipment n.e.c.	112.2	0.7	3.3
C29 Manufacture of motor vehicles, trailers and semi-trailers	107.3	0.3	0.5
C30 Manufacture of other transport equipment	99.9	0.3	9.2
C31 Manufacture of furniture	106.0	0.1	-0.6

**Appendix table 8. Import Price Index 2005=100 (MIG)**

Main Industrial Groupings (MIG)	Index 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
Intermediate goods	118.1	1.3	13.0
Capital goods	94.6	0.0	0.9
Durable consumer goods	82.5	-1.9	-4.4
Non-durable consumer goods	108.2	0.5	3.4
Energy	167.2	3.5	32.1

**Appendix table 9. Basic Price Index for Domestic Supply 2005=100 (NACE-TOL 2008)**

Commodity groups according to NACE SIC	Domestic goods	Import goods	Total 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
A-F Total Index	121.1	115.6	119.0	0.6	8.1
A Agriculture, Forestry and fishing	112.0	127.5	114.8	-0.9	11.9
B Mining and quarrying	122.2	151.5	147.0	2.7	26.4
C Manufacturing	120.3	108.4	114.8	0.8	7.5
C10 Manufacture of food products	113.1	121.2	114.8	1.2	3.2
C11 Manufacture of beverages	118.1	137.8	123.8	-0.2	-1.1
C13 Manufacture of textiles	100.2	109.2	106.0	2.3	6.1
C14 Manufacture of wearing apparel	108.8	99.5	100.8	-0.2	3.3
C16 Manufacture of wood and of products of wood and cork, except furniture	112.5	118.5	113.3	-0.9	1.3
C17 Manufacture of paper and paper products	120.2	111.7	118.9	1.2	12.7
C171 Manufacture of pulp, paper and paperboard	121.9	116.4	121.2	1.4	14.5
C172 Manufacture of articles of paper and paperboard	111.2	100.8	108.6	0.6	4.6
C18 Printing and reproduction of recorded media			110.3	0.6	-0.4
C20 Manufacture of chemicals and chemical products	134.1	122.1	127.3	3.2	13.9
C22 Manufacture of rubber and plastic products	109.3	114.1	111.5	1.1	6.1
C23 Manufacture of other non-metallic mineral products	118.6	109.8	116.7	0.3	0.7
C24 Manufacture of basic metals	134.0	151.2	142.4	0.1	24.8
C25 Manufacture of fabricated metal products, except machinery and equipment	114.9	112.4	114.2	0.1	4.7
C26 Manufacture of computer, electronic and optical products	90.0	65.3	69.9	-1.5	-3.9
C27 Manufacture of electrical equipment	109.8	106.7	107.6	0.1	4.5
C28 Manufacture of machinery and equipment n.e.c.	115.0	112.2	113.4	0.0	2.7
C29 Manufacture of motor vehicles, trailers and semi-trailers	117.0	107.3	109.2	0.4	0.9
C31 Manufacture of furniture	106.7	106.0	106.5	0.6	-0.5
C33 Repair and installation of machinery and equipment			112.0	0.1	1.6
D35 Electricity, gas, steam and air conditioning supply			157.8	-2.8	9.0
D353 Steam and air conditioning supply			147.7	0.0	1.0
E36 Water collection, treatment and supply			129.1	5.0	5.4
F Construction			118.4	0.5	2.3

**Appendix table 10. Basic Price Index for Domestic Supply 2005=100 (MIG)**

Main Industrial Groupings (MIG)	Domestic goods	Import goods	Total 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
Intermediate goods	121.2	118.1	119.9	1.0	11.2
Capital goods	110.7	94.7	102.1	0.0	1.7
Durable consumer goods	112.2	82.5	90.8	-0.6	-2.4
Non-durable consumer goods	112.7	108.2	110.8	0.5	1.7
Energy	157.6	167.2	161.9	1.2	20.8

**Appendix table 11. Wholesale Price Index 2005=100 (NACE-TOL 2008)**

Commodity groups according to NACE SIC	Domestic goods	Import goods	Total 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
A-E Total Index	122.3	116.9	119.9	1.5	10.7
A Agriculture, Forestry and fishing	110.1	126.1	113.1	-0.9	12.6
B Mining and quarrying	123.2	162.0	156.2	7.4	32.3
C Manufacturing	119.9	108.8	114.7	1.1	8.4
C10 Manufacture of food products	109.9	118.6	111.6	1.8	4.8
C11 Manufacture of beverages	123.5	114.7	120.5	0.0	0.1
C13 Manufacture of textiles	101.0	110.1	106.9	2.3	7.0
C14 Manufacture of wearing apparel	109.7	100.4	101.6	-0.2	4.2
C16 Manufacture of wood and of products of wood and cork, except furniture	113.5	119.5	114.2	-0.9	2.1
C17 Manufacture of paper and paper products	121.2	112.6	119.9	1.3	13.7
C171 Manufacture of pulp, paper and paperboard	122.9	117.4	122.2	1.4	15.5
C172 Manufacture of articles of paper and paperboard	112.1	101.6	109.5	0.6	5.4
C20 Manufacture of chemicals and chemical products	135.2	123.1	128.4	3.2	14.8
C22 Manufacture of rubber and plastic products	110.2	115.0	112.4	1.1	6.9
C23 Manufacture of other non-metallic mineral products	119.6	110.7	117.7	0.3	1.5
C24 Manufacture of basic metals	135.1	152.5	143.6	0.1	25.8
C25 Manufacture of fabricated metal products, except machinery and equipment	115.8	113.3	115.1	0.1	5.5
C26 Manufacture of computer, electronic and optical products	90.7	65.9	70.5	-1.5	-3.1
C27 Manufacture of electrical equipment	110.7	107.5	108.5	0.1	5.4
C28 Manufacture of machinery and equipment n.e.c.	116.0	113.2	114.3	0.0	3.6
C29 Manufacture of motor vehicles, trailers and semi-trailers	118.2	93.9	97.6	0.3	2.3
C31 Manufacture of furniture	107.5	106.9	107.3	0.6	0.3
C33 Repair and installation of machinery and equipment			112.9	0.1	2.4
D35 Electricity, gas, steam and air conditioning supply			164.3	1.7	14.7
D353 Steam and air conditioning supply			148.9	0.0	1.8
E36 Water collection, treatment and supply			130.1	5.0	6.3

**Appendix table 12. Wholesale Price Index 2005=100 (MIG)**

Main Industrial Groupings (MIG)	Domestic goods	Import goods	Total 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
Intermediate goods	122.1	119.0	120.8	1.0	12.1
Capital goods	111.7	92.1	100.8	0.0	2.6
Durable consumer goods	113.1	83.5	91.7	-0.5	-1.6
Non-durable consumer goods	112.2	110.2	111.3	0.8	2.9
Energy	150.5	176.6	161.1	5.3	23.7

**Appendix table 13. Production Price Index 1949=100 (SITC)**

Commodity groups (SITC)	Domestic goods	Export goods	Total 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
0-8 Total index	2132	1725	1911	0.6	7.2
0 Food			1612	0.5	2.6
7 Machinery and transport equipment			1299	-0.2	0.0
71 Machinery (other than electric)			2672	0.2	1.1
72 Electric machinery, apparatus and appliances			384	-0.7	-2.6

**Appendix table 14. Production Price Index 1949=100 (ISIC)**

Industry (ISIC)	Index 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
2-3 Manufacturing industry	1771	1.0	7.6
34-38 Manufacture of metal and metal products	1394	0.1	5.4
34 Basic metal industries	1688	0.5	21.1
35 Manufacture of metal products	2056	1.0	6.3
36 Manufacture of machinery	2645	-0.1	1.1
37 Manufacture of electric machinery	465	-0.2	-1.9
38 Manufacture of transport equipment	2046	-0.2	2.5

**Appendix table 15. Export Price Index (FOB) 1949=100 (SITC)**

Commodity groups (SITC)	Index 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
0-8 Total index	1693	1.0	7.6
0 Food	1033	-0.6	14.0
2 Crude materials (inedible)	1928	-0.3	16.8
6 Manufactured goods	1618	1.7	10.9
7 Machinery and transport equipment	1425	-0.3	-0.8

**Appendix table 16. Import Price Index (CIF) 1949=100 (SITC)**

Commodity groups (SITC)	Index 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
0-8 Total index	1580	1.2	11.3
0 Food	1263	2.1	8.3
2 Crude materials (inedible)	1360	2.0	23.7
3 Mineral fuels, lubricants, gas, electric energy and water	4376	3.5	32.1
7 Machinery and transport equipment	1933	-0.5	0.7

**Appendix table 17. Wholesale Price Index 1949=100 (SITC)**

Commodity groups (SITC)	Domestic goods	Import goods	Total 2011:01	2010:12 - 2011:01, %	2010:01 - 2011:01, %
0-8 Total index	2204	1848	2120	1.5	10.7
0 Food			1485	1.0	9.1
3 Mineral fuels, lubricants, gas, electric energy and water			4321	5.2	23.4
31A Mineral fuels and lubricants			5841	6.1	27.5
31B Gas, electric energy and water			2937	3.9	17.8
5 Chemicals			1496	2.0	11.4
68 Base metals			2821	3.0	35.0
7 Machinery and transport equipment			1734	-0.2	1.8
71 Machinery (other than electric)			3806	0.3	3.1
72 Electric machinery, apparatus and appliances			450	-0.9	0.1
73 Transport equipment			2165	0.4	3.7

**Appendix table 18. Producer Price Index 2000=100 (NACE-TOL 2002)**

Commodity groups according to NACE SIC	Index 2011:01
C-E Total Index	109.1
DJ27 Manufacture of basic metals	139.4
DJ271 Manufacture of basic iron and steel and of ferro-alloys	118.9
DJ274 Manufacture of basic precious and non-ferrous metals	191.8
DJ28 Manufacture of fabricated metal products, except machinery and equipment	126.3
DK Manufacture of machinery and equipment n.e.c.	115.4
DL Manufacture of electrical and optical equipment	48.2
DM Manufacture of transport equipment	114.7
E Electricity, gas and water supply	218.4

**Appendix table 19. Export Price Index 2000=100 (NACE-TOL 2002)**

Commodity groups according to NACE SIC	Index 2011:01
A-E Total Index	93.7
DJ27 Manufacture of basic metals	131.5
DJ271 Manufacture of basic iron and steel and of ferro-alloys	111.2
DJ274 Manufacture of basic precious and non-ferrous metals	195.0
DJ28 Manufacture of fabricated metal products, except machinery and equipment	118.0
DK Manufacture of machinery and equipment n.e.c.	110.8
DL Manufacture of electrical and optical equipment	49.4
DM Manufacture of transport equipment	116.0

**Appendix table 20. Import Price Index 2000=100 (NACE-TOL 2002)**

Commodity groups according to NACE SIC	Index 2011:01
A-E Total Index	117.7
DF232 Manufacture of refined petroleum products	188.1
DJ27 Manufacture of basic metals	151.1
DJ271 Manufacture of basic iron and steel and of ferro-alloys	135.8
DJ274 Manufacture of basic precious and non-ferrous metals	207.7
DJ28 Manufacture of fabricated metal products, except machinery and equipment	119.0
DK Manufacture of machinery and equipment n.e.c.	117.2
DL Manufacture of electrical and optical equipment	68.2
DM Manufacture of transport equipment	112.9

**Appendix table 21. Basic Price Index for Domestic Supply 2000=100 (NACE-TOL 2002)**

Commodity groups according to NACE SIC	Index 2011:01
A-F Total Index	123.2
DF232 Manufacture of refined petroleum products	214.2
DJ27 Manufacture of basic metals	152.4
DJ271 Manufacture of basic iron and steel and of ferro-alloys	136.1
DJ274 Manufacture of basic precious and non-ferrous metals	195.1
DJ28 Manufacture of fabricated metal products, except machinery and equipment	126.9
DK Manufacture of machinery and equipment n.e.c.	119.2
DL Manufacture of electrical and optical equipment	59.1
DM Manufacture of transport equipment	116.0
E Electricity, gas and water supply	224.9
E 40 Electricity, gas, steam and hot water supply	230.6

**Appendix table 22. Wholesale Price Index 2000=100 (NACE-TOL 2002)**

Commodity groups according to NACE SIC	Index 2011:01
A-E Total Index	121.8
DF232 Manufacture of refined petroleum products	175.8
DJ27 Manufacture of basic metals	153.6
DJ271 Manufacture of basic iron and steel and of ferro-alloys	137.2
DJ274 Manufacture of basic precious and non-ferrous metals	196.7
DJ28 Manufacture of fabricated metal products, except machinery and equipment	128.0
DK Manufacture of machinery and equipment n.e.c.	120.2
DL Manufacture of electrical and optical equipment	59.6
DM Manufacture of transport equipment	104.0
E Electricity, gas and water supply	237.2

**Appendix table 23. Producer Price Indices for services 2005=100 (TOL 2008), 4th quarter 2010**

Industry	Point figure	Quarterly change, %	Yearly change, %
Total index (TOL 2008)	114.6	0.7	1.2
H Transportation and storage	117.3	1.0	2.3
I Accommodation and food service activities	105.8	6.7	1.0
J Information and communication	101.1	-0.4	-1.8
L Real estate activities	116.7	3.0	3.4
M Professional, scientific and technical activities	122.4	-0.1	1.2
N Administrative and support service activities	116.0	0.7	1.8
S Other service activities	99.0	-1.1	-1.2
49 Land transport and transport via pipelines	122.5	1.5	3.9
4932 Taxi operation	125.4	0.0	3.3
4941 Freight transport by road	122.3	1.7	4.0
5020 Sea and coastal freight water transport	108.7	2.1	8.4
52 Warehousing and support activities for transportation	108.1	-0.3	1.1
5210 Warehousing and storage	111.1	0.0	-0.3
5224 Cargo handling	106.3	-0.4	2.0
53 Post and courier activities	117.1	-0.0	-3.3
5310 Postal activities under universal service obligation	117.0	0.0	-4.6
5320 Other postal and courier activities	117.5	-0.2	2.4
5510 Hotels	105.8	6.7	1.0
58 Publishing activities	111.5	-0.2	-1.0
61 Telecommunications	83.7	-1.3	-7.0
62 Computer programming, consultancy and related activities	111.3	0.0	1.3
63 Information service activities	106.0	-0.2	-0.2
6820 Rents of office and business premises	116.7	3.0	3.4
6820A Rents of office premises	111.9	-0.9	-1.2
6820B Rents of business premises	122.0	7.3	8.6
69 Legal and accounting activities	126.7	-0.6	2.0
6910 Legal services	118.4	0.8	2.6
6920 Accounting, book-keeping and auditing activities; tax consultancy	131.5	-1.3	1.7
702 Management consultancy activities	129.3	-0.5	0.8
711 Architectural and engineering activities and related technical consultancy	120.8	-0.9	0.6
712 Technical testing and analysis	133.0	0.1	4.6
73 Advertising and market research	112.2	1.7	0.9
731 Advertising	112.3	1.8	0.9
732 Market research and public opinion polling	111.7	0.0	1.3
7732 Renting of construction and civil engineering machinery and equipment	108.4	2.0	0.9
7820 Temporary employment agency activities	118.5	0.4	2.7
8010 Private security activities	127.8	-0.0	4.3
81 Services to buildings and landscape activities	117.5	0.4	1.7
811 Combined facilities support activities	120.6	0.3	2.1
812 Cleaning activities	113.0	0.5	1.0
96011 Washing and (dry-)cleaning of textile and fur products for enterprises	99.0	-1.1	-1.2

**Appendix table 24. Producer Price Index, international comparison**

Finland	-6.9	5.0	6.6	7.8
Sweden	1.2	0.9	2.0	4.1
Germany	-3.3	2.1	4.2	5.0
France	-5.6	3.1 <sup>1)</sup>	4.1 <sup>1)</sup>	5.0 <sup>1)</sup>
United Kingdom	-0.5	4.7	4.4	6.4
Euro area	-4.6 <sup>1)</sup>	3.2 <sup>1)</sup>	4.6 <sup>1)</sup>	5.5 <sup>1)</sup>
EU-27	-3.6 <sup>1)</sup>	3.4 <sup>1)</sup>	4.7 <sup>1)</sup>	5.8 <sup>1)</sup>
United States	-4.9	5.0 <sup>1)</sup>	4.4 <sup>1)</sup>	5.0 <sup>1)</sup>
Japan	-6.7	0.1	0.7	1.3

Sources: Statistics Finland, Eurostat, U.S. Department of Labour, Bank of Japan  
The compiling methods of the indices may vary by country.

1) preliminary

2) Eurostat estimate

**Appendix table 25. Wood pellet, consumer price**

Time	Price, e/t	Price, c/kWh	Index 2005=100	Yearly Change, %
2010:11	249.8	5.26	166.4	-1.2

Energy prices are published on Statistics Finland's website at  
[http://stat.fi/til/ehkh/index\\_en.html](http://stat.fi/til/ehkh/index_en.html)

# *Quality Description of Producer Price Index 2005=100*

## *1. Relevance of statistical information*

### 1.1 A summary of the information content and purpose of use of the statistics

Producer price indices measure the development of commodity prices from the perspective of enterprises. The producer price indices comprise five separately calculated indices: the Producer Price Index for Manufactured Products, the Export Price Index, the Import Price Index, the Wholesale Price Index and the Basic Price index for Domestic Supply. All these indices measure price development slightly differently because the price concepts used and the industries covered vary by index.

One of the key usages of producer price indices is to function as a deflator in national accounts calculations. With them the value of production or sales is converted to volume of production. Producer price indices can also be used as an index clause in agreements. An index clause means that the final amount of a payment specified in an agreement is tied to a change in some index. In order to analyse business trends more closely, data from producer price indices can be combined with other data on business trends, such as those on the volume index of industrial output.

1.2 Introduction to the concepts essential for understanding the statistics, and the used classifications, research subject, data collector and data providers

#### 1.2.1 Information source

The price data of producer price indices are collected mostly directly from enterprises. The data are primarily collected with a web-based data collection system or by email. In addition to data collected directly from enterprises, the price data or point figures of other Statistics Finland's statistics are also used in calculating producer price indices. Such statistics are e.g. the Index of Producer Prices of Agricultural Products, the building cost index as well as the cost index of civil engineering works. The price development of certain import and export headings based on raw materials is measured with the import and export unit price data obtained from Board of Customs foreign trade statistics. Additionally, producer price indices use data from the Finnish Forest Research Institute, from the Energy Market Authority, from Finnish Energy Industries/District heating and from certain international commodity exchanges like the London Metal Exchange.

#### 1.2.2 Classifications

The industrial classification in use is the national TOL 2008 classification, which is based on the revised NACE Rev 2. classification of industries (Nomenclature générale des Activités économiques dans les Communautés Européennes). Correspondingly, the new 6-digit Finnish version of the EU CPA 2008 classification of goods and services by activity (Statistical Classification of Products by Activity in the European Community) is used as the classification of the commodity headings included the indices. In addition to this, the MIG (Main Industrial Groupings) classification is used, and the 1949=100 producer price indices use the United Nations ISIC-classification (International Standard Industrial Classification).

#### 1.2.3 Concepts

### **Producer Price Index for Manufactured Products 2005=100**

The Producer Price Index for Manufactured Products measures average changes in the prices of goods sold by domestic producers. The index includes both goods sold at home and goods sold abroad. The price used for goods intended for the domestic market is the so-called factory price exclusive of taxes. The price of goods intended for export is usually the f.o.b. price (free on board). The Producer Price Index for Manufactured Products covers TOL 2008 categories B-E, that is, commodities ranging from minerals to water and waste management services.

### **Export Price Index 2005=100**

The Export Price Index measures changes in the f.o.b. prices of export goods. Foreign-currency export prices are converted to EUR using the Bank of Finland's mean rate for the statistical reference month. The

Export Price Index covers TOL 2008 categories A-E, that is, commodities ranging from agricultural products to water and waste management services.

### **Import Price Index 2005=100**

The Import Price Index measures development in the c.i.f. prices of imported goods. C.i.f. prices are inclusive of expenses, insurances and freight. Foreign-currency import prices are converted to EUR using the Bank of Finland's mean rate for the statistical reference month. The Import Price Index covers TOL 2008 industries A-E, that is, commodities ranging from agricultural products to water and waste management services.

### **Basic Price index for Domestic Supply 2005=100**

The Basic Price index for Domestic Supply measures changes in the tax-free prices of goods used in Finland as they first enter the market.<sup>3</sup> The index includes both domestic and imported goods. The price for domestic goods is the factory price exclusive of taxes. The price for imported goods is the c.i.f. price of the imports plus customs duties. The Basic Price Index for Domestic Supply covers TOL 2008 industries A-F, that is, commodities ranging from agricultural products to construction.

### **Wholesale Price Index 2005=100**

The Wholesale Price Index measures average change in the purchase prices inclusive of taxes of goods used in Finland. The index includes both domestic and imported goods. Regardless of its name, the Wholesale Price Index does not describe the price development of wholesale trade, as it does not include the wholesaler margins. The Wholesale Price Index includes value-added tax as well as other indirect taxes. In addition to value-added tax, indirect taxes include diverse excise duties<sup>4</sup>, and motor car and motorcycle tax. The wholesale price for domestic goods comprises the factory price, value-added tax and other indirect taxes. The wholesale price of imported goods comprises the c.i.f. price of the imports, customs duties, value-added tax and other indirect taxes. The Wholesale Price Index covers TOL 2008 industries A-E, that is, commodities ranging from agricultural products to water and waste management services.

#### 1.3 Laws and regulations

These statistics are based on the Law on Statistics (280/2004) and on the European Council Regulation (EC) No 1165/98 concerning short-term statistics. Only the information necessary for compiling the indices is collected. The confidentiality of the information is taken into account when publishing the statistics: no information on individual enterprises can be deducted from the results. Producer Price Index for services is a so-called insider statistic, which cannot be released into public before the official publication.

## ***2. Methodological description of survey***

### 2.1. Population and sample

The calculation of producer price indices is based on a sample. First the CPA headings are selected and then the enterprise sample is drawn. The price data used to calculate the index are collected from enterprises included in the sample. These price indices are considered to be descriptive of the average development in the prices of all manufactured products. The samples of CPA headings and enterprise data suppliers included in the producer price indices are generally revised at five-year intervals to maintain the timeliness of the indices. The CPA headings of the producer price indices 2005=100 have been selected from the total group of headings for which production, export or import was recorded during the year 2005.

### 2.2. Index calculation

The overall index describes the average development in the prices of the headings included in the index. Geometric averages for the headings of each enterprise are calculated on the basis of price ratios (= current price/price at base period) derived from individual variants. These micro indices are combined into an overall index/industry-specific index by weighting each micro index with its own weighting coefficient. In other words, price changes of individual commodities have different-sized effects on the overall index. At the TOL 2008 classification 4-digit level producer price indices are Laspeyres indices. At a more

detailed level than the 4-digit level weights can be revised as necessary and new commodities or data suppliers can be included in the index.

### ***3. Correctness and accuracy of data***

#### ***4. Timeliness and promptness of published data***

The statistics are published on the 17th day or the next office day of the month following the month of the data.

The prices collected from the enterprises are mean prices of the month of the query. If defining a mean price is not possible, the price can also be the delivery / invoicing / payment price measured on the 15th day.

#### ***5. Accessibility and transparency/clarity of data***

##### **Latest release**

Producer price indices are published on the 17th day of the month following the statistical reference month or on the first working day following it. A short release on the latest figures is published on the home page of the statistics.

##### **Internet service**

The published producer price index point figures are available in Statistics Finland's StatFin service. The service is free of charge and located under Tables on the producer price indices' web page. A monthly publication is produced of the producer price indices, which can be downloaded for free in pdf format under Available products and services on the producer price indices' web page.

##### **Printed edition**

A printed edition of the publication can be ordered from Statistics Finland (email [myynti@tilastokeskus.fi](mailto:myynti@tilastokeskus.fi), tel. +358 (0)9 – 1734 2011).

##### **Customer-specific indices**

A customer-specific index can be compiled for such goods groups which are not included in Statistics Finland's regular index production or classification. Such indices can be produced from all price indices. Enquiries about chargeable customer-specific indices can be made to Statistics Finland, tel. +358 (0)9 – 1734 1 / producer prices.

### ***6. Comparability of statistics***

#### ***7. Coherence and consistency/uniformity***

The point figures of Producer Price Indices concerning a certain month are final; they are not to be revised or altered other than in exceptional cases.

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Suomen virallinen tilasto  
Finlands officiella statistik  
Official Statistics of Finland

Prices and Costs 2011

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Source: Producer Price Index 2011, January. Statistics Finland