

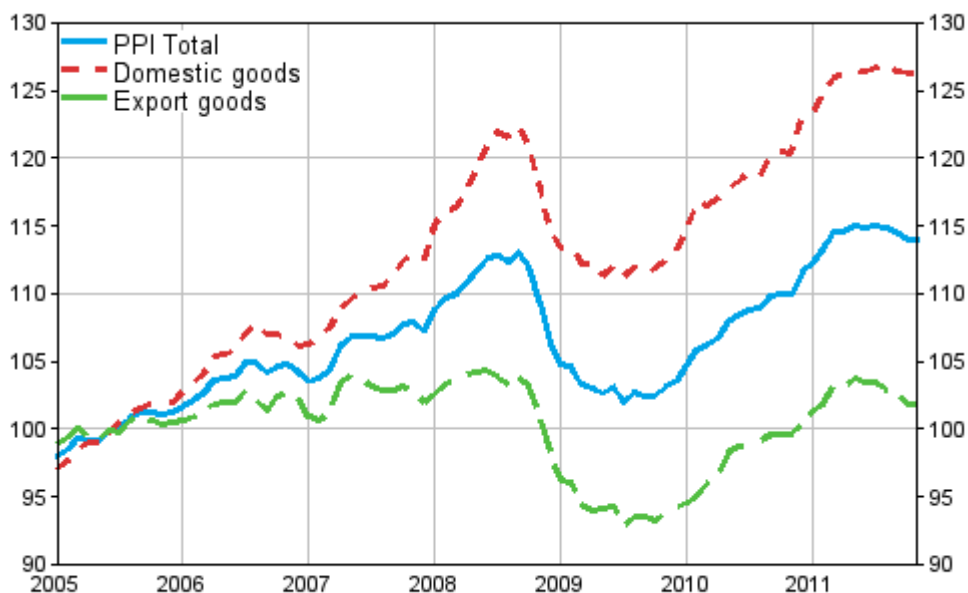
# Producer Price Index

2011, November

## Producer prices for manufactured products rose by 3.7 per cent in November

According to Statistics Finland, producer prices for manufactured products rose by an average of 3.7 per cent from November 2010 to November 2011. Producer prices for manufactured products sold on the domestic market rose by 4.9 per cent, while the producer prices of export industries went up by 2.2 per cent.

Producer Price Index (PPI) 2005=100, 2005:01–2011:11



The export price index rose by 2.3 per cent and the import price index by 7.2 per cent in the year. The basic price index for domestic supply went up by 5.4 per cent and the year-on-year change in the wholesale price index was 6.5 per cent.

The rise in the producer prices for manufactured products was particularly caused by risen prices of oil products, chemicals and food from November of the previous year. The rising of the prices was curbed

above all by falls in the prices of metals. From October to November, producer prices for manufactured products remained unchanged, on average.

### Producer Price Indices 2005=100

	Index 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
Producer Price Index, total	114.0	0.0	3.7
- Producer Price Index, domestic goods	126.3	0.0	4.9
- Producer Price Index, export goods	101.9	0.0	2.2
Export Price Index	102.2	0.0	2.3
Import Price Index	119.4	0.9	7.2
Basic Price Index for Domestic Supply	122.6	0.3	5.4
Wholesale Price Index	123.3	0.4	6.5

### Producer Price Indices 1949=100

	Index 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
Production Price Index	1941	0.0	3.7
Export Price Index (fob)	1698	0.0	2.3
Import Price Index (cif)	1632	0.9	7.2
Wholesale Price Index	2180	0.4	6.5

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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
	2	113.3	7.0	120.3	8.0	102.4	7.5	116.8	10.9	121.3	10.6
	3	114.5	7.8	121.7	8.3	103.9	7.9	118.5	10.0	122.7	10.9
	4	114.6	7.3	122.4	8.2	103.8	7.1	119.6	9.6	123.4	10.6
	5	115.1	6.6	121.8	7.3	104.4	5.9	117.6	7.5	122.6	9.5
	6	114.8	5.9	122.1	6.7	103.9	5.0	117.6	6.6	122.9	8.8
	7	115.0	5.7	122.7	7.1	104.0	5.0	118.9	8.4	123.6	8.4
	8	114.9	5.5	122.2	6.7	103.4	4.1	117.6	6.6	123.0	8.0
	9	114.6	4.3	122.6	6.1	103.1	3.3	119.1	7.6	123.3	7.2
	10	114.1	3.7	122.2	5.4	102.2	2.4	118.4	7.1	122.8	6.6
	11	114.0	3.7	122.6	5.4	102.2	2.3	119.4	7.2	123.3	6.5

**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
	2	1928	1702	1597	2144
	3	1950	1727	1619	2170
	4	1951	1725	1635	2182
	5	1959	1736	1607	2168
	6	1955	1727	1607	2173
	7	1958	1728	1625	2185
	8	1956	1718	1607	2176
	9	1950	1714	1627	2180
	10	1941	1698	1618	2172
	11	1941	1698	1632	2180

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

Commodity groups according to NACE SIC	Domestic goods	Export goods	Total 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
B-E Total Index	126.3	101.9	114.0	0.0	3.7
B Mining and quarrying	125.6	127.1	125.8	1.5	5.3
C Manufacturing	124.2	101.7	112.1	-0.1	3.9
C10 Manufacture of food products	122.1	121.9	122.1	0.4	8.6
C11 Manufacture of beverages	126.5	112.7	124.7	1.5	5.6
C13 Manufacture of textiles	102.2	114.1	108.3	0.9	7.8
C14 Manufacture of wearing apparel	113.2	117.2	115.5	0.1	4.3
C16 Manufacture of wood and of products of wood and cork, except furniture	115.9	115.0	115.5	-0.5	0.4
C17 Manufacture of paper and paper products	117.7	106.1	109.7	-0.8	0.5
C171 Manufacture of pulp, paper and paperboard	118.3	106.1	109.6	-0.9	0.3
C172 Manufacture of articles of paper and paperboard	114.1	106.2	111.4	0.0	3.0
C18 Printing and reproduction of recorded media			109.7	0.1	0.0
C20 Manufacture of chemicals and chemical products	144.7	127.0	135.9	0.2	10.9
C22 Manufacture of rubber and plastic products	113.6	115.7	114.6	0.1	4.7
C23 Manufacture of other non-metallic mineral products	124.9	99.2	118.1	-0.7	4.2
C24 Manufacture of basic metals	127.2	114.5	119.4	-2.8	-5.7
C25 Manufacture of fabricated metal products, except machinery and equipment	118.2	111.8	116.5	0.0	4.9
C26 Manufacture of computer, electronic and optical products			58.2	0.0	-1.2
C265 Manufacture of instruments and appliances for measuring, testing and navigation; watches and			98.8	-0.1	0.5
C27 Manufacture of electrical equipment	119.9	120.9	120.6	0.3	6.4
C28 Manufacture of machinery and equipment n.e.c.	114.9	108.7	110.7	0.1	1.2
C29 Manufacture of motor vehicles, trailers and semi-trailers	117.7	105.8	110.6	-0.1	0.4
C31 Manufacture of furniture	105.9	114.4	107.6	0.0	1.0
D35 Electricity, gas, steam and air conditioning supply			145.5	1.1	0.7
D353 Steam and air conditioning supply			168.3	0.0	13.9
E36 Water collection, treatment and supply			130.6	0.0	6.3

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

Main Industrial Groupings (MIG)	Domestic goods	Export goods	Total 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
Intermediate goods	123.6	113.2	118.0	-0.8	2.0
Capital goods	112.2	76.1	89.1	0.0	0.8
Durable consumer goods	113.2	116.0	114.7	0.1	2.4
Non-durable consumer goods	120.0	110.0	117.6	0.6	5.8
Energy	160.3				

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

Commodity groups according to NACE SIC	Index 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
A-E Total Index	102.2	0.0	2.3
A Agriculture, Forestry and fishing	139.8	0.9	5.0
C Manufacturing	101.7	0.0	2.3
C10 Manufacture of food products	121.9	1.7	4.9
C11 Manufacture of beverages	112.7	0.8	2.8
C13 Manufacture of textiles	114.1	1.6	13.4
C14 Manufacture of wearing apparel	117.2	-0.5	2.8
C16 Manufacture of wood and of products of wood and cork, except furniture	115.0	-1.0	-0.8
C17 Manufacture of paper and paper products	106.1	-0.2	1.4
C171 Manufacture of pulp, paper and paperboard	106.1	-0.2	1.4
C172 Manufacture of articles of paper and paperboard	106.2	-0.4	3.1
C20 Manufacture of chemicals and chemical products	127.0	0.1	8.1
C22 Manufacture of rubber and plastic products	115.7	0.4	3.6
C23 Manufacture of other non-metallic mineral products	99.2	-0.7	-0.3
C24 Manufacture of basic metals	114.5	-3.0	-6.9
C25 Manufacture of fabricated metal products, except machinery and equipment	111.8	0.0	8.8
C27 Manufacture of electrical equipment	120.9	0.3	3.9
C28 Manufacture of machinery and equipment n.e.c.	108.7	0.1	2.3
C29 Manufacture of motor vehicles, trailers and semi-trailers	105.8	-0.2	0.0
C31 Manufacture of furniture	114.4	0.0	3.1

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

Main Industrial Groupings (MIG)	Index 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
Intermediate goods	113.2	-0.8	0.6
Capital goods	76.1	0.0	0.5
Durable consumer goods	116.0	0.1	1.8
Non-durable consumer goods	110.0	0.9	2.2

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

Commodity groups according to NACE SIC	Index 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
A-E Total Index	119.4	0.9	7.2
A Agriculture, Forestry and fishing	137.0	2.1	9.3
B Mining and quarrying	168.8	1.5	23.3
C Manufacturing	110.7	0.6	3.8
C10 Manufacture of food products	126.3	-0.2	8.2
C11 Manufacture of beverages	140.3	0.2	2.0
C13 Manufacture of textiles	110.1	-1.2	5.1
C14 Manufacture of wearing apparel	107.4	0.4	8.0
C16 Manufacture of wood and of products of wood and cork, except furniture	123.2	-0.2	3.8
C17 Manufacture of paper and paper products	109.0	-0.6	-1.7
C19 Manufacture of coke and refined petroleum products	186.4	3.6	20.1
C192 Manufacture of refined petroleum products	190.8	4.0	23.0
C20 Manufacture of chemicals and chemical products	128.4	0.7	9.0
C21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	94.9	3.2	0.1
C22 Manufacture of rubber and plastic products	118.7	0.8	5.4
C23 Manufacture of other non-metallic mineral products	114.5	0.6	5.1
C24 Manufacture of basic metals	143.4	0.3	-0.7
C241 Manufacture of basic iron and steel and of ferro-alloys	150.7	0.3	4.6
C244 Manufacture of basic precious and other non-ferrous metals	137.7	0.1	-12.0
C25 Manufacture of fabricated metal products, except machinery and equipment	116.1	0.3	2.2
C26 Manufacture of computer, electronic and optical products	64.4	0.3	-2.7
C27 Manufacture of electrical equipment	108.0	-0.4	0.8
C28 Manufacture of machinery and equipment n.e.c.	114.7	0.2	3.1
C29 Manufacture of motor vehicles, trailers and semi-trailers	108.6	0.2	1.7
C30 Manufacture of other transport equipment	101.7	0.5	3.2
C31 Manufacture of furniture	107.5	0.3	1.7

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

Main Industrial Groupings (MIG)	Index 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
Intermediate goods	118.4	0.4	2.9
Capital goods	95.2	-0.1	1.0
Durable consumer goods	84.9	0.6	1.4
Non-durable consumer goods	111.9	0.8	4.5
Energy	184.9	2.4	25.4



**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 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
A-F Total Index	124.5	119.4	122.6	0.3	5.4
A Agriculture, Forestry and fishing	116.5	136.9	120.3	0.5	2.9
B Mining and quarrying	125.6	168.8	162.2	1.5	21.0
C Manufacturing	124.2	110.7	118.0	0.1	4.7
C10 Manufacture of food products	122.1	126.4	123.0	0.2	8.9
C11 Manufacture of beverages	126.5	140.3	130.6	1.1	4.7
C13 Manufacture of textiles	102.2	110.1	107.3	-0.8	3.9
C14 Manufacture of wearing apparel	113.2	107.4	108.2	0.5	7.8
C16 Manufacture of wood and of products of wood and cork, except furniture	115.9	123.2	116.8	-0.1	1.8
C17 Manufacture of paper and paper products	117.7	109.0	116.3	-1.8	-1.3
C171 Manufacture of pulp, paper and paperboard	118.3	113.2	117.7	-2.2	-2.0
C172 Manufacture of articles of paper and paperboard	114.1	99.1	110.3	0.1	2.3
C18 Printing and reproduction of recorded media			109.6	0.1	0.0
C20 Manufacture of chemicals and chemical products	144.7	128.4	135.5	0.5	11.0
C22 Manufacture of rubber and plastic products	113.6	118.7	116.0	0.3	5.7
C23 Manufacture of other non-metallic mineral products	124.9	114.5	122.6	-0.4	5.5
C24 Manufacture of basic metals	127.2	143.5	135.2	-1.1	-2.2
C25 Manufacture of fabricated metal products, except machinery and equipment	118.2	116.1	117.6	0.0	3.2
C26 Manufacture of computer, electronic and optical products	90.5	64.5	69.3	0.2	-2.0
C27 Manufacture of electrical equipment	119.9	108.0	111.7	-0.2	4.3
C28 Manufacture of machinery and equipment n.e.c.	114.9	114.7	114.8	0.1	1.4
C29 Manufacture of motor vehicles, trailers and semi-trailers	117.7	108.6	110.3	0.2	1.5
C31 Manufacture of furniture	105.9	107.5	106.4	0.1	0.8
C33 Repair and installation of machinery and equipment			114.8	0.0	2.6
D35 Electricity, gas, steam and air conditioning supply			147.0	1.6	2.6
D353 Steam and air conditioning supply			168.3	0.0	13.9
E36 Water collection, treatment and supply			130.6	0.0	6.3
F Construction			122.4	0.2	4.1

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

Main Industrial Groupings (MIG)	Domestic goods	Import goods	Total 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
Intermediate goods	123.6	118.4	121.4	-0.3	3.2
Capital goods	112.2	95.3	103.1	0.0	1.1
Durable consumer goods	113.2	84.9	92.9	0.5	2.0
Non-durable consumer goods	120.0	112.0	116.7	0.6	5.9
Energy	160.3	184.9	171.3	1.7	17.1

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

Commodity groups according to NACE SIC	Domestic goods	Import goods	Total 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
A-E Total Index	125.2	120.9	123.3	0.4	6.5
A Agriculture, Forestry and fishing	114.5	135.5	118.4	0.5	2.7
B Mining and quarrying	126.6	179.6	171.6	1.5	27.2
C Manufacturing	123.5	111.4	117.8	0.1	4.8
C10 Manufacture of food products	118.7	124.4	119.8	0.2	9.8
C11 Manufacture of beverages	127.8	115.7	123.7	0.3	2.4
C13 Manufacture of textiles	103.0	111.0	108.2	-0.8	3.9
C14 Manufacture of wearing apparel	114.1	108.3	109.1	0.5	7.8
C16 Manufacture of wood and of products of wood and cork, except furniture	116.9	124.2	117.8	-0.1	1.8
C17 Manufacture of paper and paper products	118.6	109.9	117.3	-1.8	-1.3
C171 Manufacture of pulp, paper and paperboard	119.3	114.2	118.6	-2.2	-2.0
C172 Manufacture of articles of paper and paperboard	115.0	99.9	111.2	0.1	2.3
C20 Manufacture of chemicals and chemical products	145.9	129.5	136.6	0.5	11.0
C22 Manufacture of rubber and plastic products	114.5	119.7	116.9	0.3	5.7
C23 Manufacture of other non-metallic mineral products	125.9	115.4	123.6	-0.5	5.5
C24 Manufacture of basic metals	128.3	144.7	136.3	-1.1	-2.2
C25 Manufacture of fabricated metal products, except machinery and equipment	119.2	117.0	118.6	0.0	3.2
C26 Manufacture of computer, electronic and optical products	91.2	65.0	69.9	0.2	-2.0
C27 Manufacture of electrical equipment	120.9	108.9	112.6	-0.2	4.3
C28 Manufacture of machinery and equipment n.e.c.	115.8	115.6	115.7	0.1	1.4
C29 Manufacture of motor vehicles, trailers and semi-trailers	118.9	94.8	98.5	0.2	1.4
C31 Manufacture of furniture	106.7	108.4	107.2	0.1	0.8
C33 Repair and installation of machinery and equipment			115.7	0.0	2.6
D35 Electricity, gas, steam and air conditioning supply			154.1	1.4	7.3
D353 Steam and air conditioning supply			169.7	0.0	13.9
E36 Water collection, treatment and supply			131.7	0.0	6.3

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

Main Industrial Groupings (MIG)	Domestic goods	Import goods	Total 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
Intermediate goods	124.4	119.3	122.2	-0.3	3.2
Capital goods	113.1	92.6	101.7	0.0	1.1
Durable consumer goods	114.1	86.0	93.8	0.4	2.0
Non-durable consumer goods	118.7	114.2	116.8	0.5	5.8
Energy	152.4	194.8	169.5	1.5	20.1

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

Commodity groups (SITC)	Domestic goods	Export goods	Total 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
0-8 Total index	2183	1734	1941	0.0	3.7
0 Food			1736	0.5	8.7
7 Machinery and transport equipment			1319	0.1	1.4
71 Machinery (other than electric)			2715	0.1	1.9
72 Electric machinery, apparatus and appliances			391	0.1	1.0

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

Industry (ISIC)	Index 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
2-3 Manufacturing industry	1806	-0.1	3.9
34-38 Manufacture of metal and metal products	1387	-0.6	0.0
34 Basic metal industries	1572	-2.6	-5.1
35 Manufacture of metal products	2108	-0.1	3.7
36 Manufacture of machinery	2684	0.1	1.4
37 Manufacture of electric machinery	475	0.1	1.7
38 Manufacture of transport equipment	2056	0.0	0.8

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

Commodity groups (SITC)	Index 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
0-8 Total index	1698	0.0	2.3
0 Food	1088	1.7	6.6
2 Crude materials (inedible)	1737	-3.0	-6.7
6 Manufactured goods	1589	-0.7	0.3
7 Machinery and transport equipment	1445	0.1	1.1

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

Commodity groups (SITC)	Index 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
0-8 Total index	1632	0.9	7.2
0 Food	1308	1.1	7.3
2 Crude materials (inedible)	1345	1.1	2.9
3 Mineral fuels, lubricants, gas, electric energy and water	4838	2.4	25.4
7 Machinery and transport equipment	1951	0.1	0.8

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

Commodity groups (SITC)	Domestic goods	Import goods	Total 2011:11	2011:10 - 2011:11, %	2010:11 - 2011:11, %
0-8 Total index	2257	1911	2180	0.4	6.5
0 Food			1580	0.2	8.1
3 Mineral fuels, lubricants, gas, electric energy and water			4548	1.5	19.9
31A Mineral fuels and lubricants			6504	1.8	25.4
31B Gas, electric energy and water			2828	1.1	11.6
5 Chemicals			1571	0.8	8.1
68 Base metals			2319	-0.7	-9.2
7 Machinery and transport equipment			1756	0.1	1.3
71 Machinery (other than electric)			3880	0.0	2.3
72 Electric machinery, apparatus and appliances			454	-0.2	0.4
73 Transport equipment			2187	0.2	1.7

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

Commodity groups according to NACE SIC	Index 2011:11
C-E Total Index	110.8
DJ27 Manufacture of basic metals	129.0
DJ271 Manufacture of basic iron and steel and of ferro-alloys	118.2
DJ274 Manufacture of basic precious and non-ferrous metals	157.7
DJ28 Manufacture of fabricated metal products, except machinery and equipment	131.0
DK Manufacture of machinery and equipment n.e.c.	116.8
DL Manufacture of electrical and optical equipment	48.3
DM Manufacture of transport equipment	114.3
E Electricity, gas and water supply	208.3

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

Commodity groups according to NACE SIC	Index 2011:11
A-E Total Index	94.0
DJ27 Manufacture of basic metals	119.6
DJ271 Manufacture of basic iron and steel and of ferro-alloys	107.0
DJ274 Manufacture of basic precious and non-ferrous metals	159.6
DJ28 Manufacture of fabricated metal products, except machinery and equipment	125.1
DK Manufacture of machinery and equipment n.e.c.	112.9
DL Manufacture of electrical and optical equipment	49.4
DM Manufacture of transport equipment	114.7

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

Commodity groups according to NACE SIC	Index 2011:11
A-E Total Index	121.5
DF232 Manufacture of refined petroleum products	216.1
DJ27 Manufacture of basic metals	143.4
DJ271 Manufacture of basic iron and steel and of ferro-alloys	138.4
DJ274 Manufacture of basic precious and non-ferrous metals	165.9
DJ28 Manufacture of fabricated metal products, except machinery and equipment	122.9
DK Manufacture of machinery and equipment n.e.c.	119.7
DL Manufacture of electrical and optical equipment	67.3
DM Manufacture of transport equipment	114.2

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

Commodity groups according to NACE SIC	Index 2011:11
A-F Total Index	126.9
DF232 Manufacture of refined petroleum products	239.1
DJ27 Manufacture of basic metals	144.6
DJ271 Manufacture of basic iron and steel and of ferro-alloys	140.5
DJ274 Manufacture of basic precious and non-ferrous metals	158.8
DJ28 Manufacture of fabricated metal products, except machinery and equipment	130.7
DK Manufacture of machinery and equipment n.e.c.	120.7
DL Manufacture of electrical and optical equipment	58.6
DM Manufacture of transport equipment	117.3
E Electricity, gas and water supply	209.5
E 40 Electricity, gas, steam and hot water supply	214.9

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

Commodity groups according to NACE SIC	Index 2011:11
A-E Total Index	125.3
DF232 Manufacture of refined petroleum products	192.2
DJ27 Manufacture of basic metals	145.8
DJ271 Manufacture of basic iron and steel and of ferro-alloys	141.7
DJ274 Manufacture of basic precious and non-ferrous metals	160.1
DJ28 Manufacture of fabricated metal products, except machinery and equipment	131.8
DK Manufacture of machinery and equipment n.e.c.	121.7
DL Manufacture of electrical and optical equipment	59.0
DM Manufacture of transport equipment	104.9
E Electricity, gas and water supply	222.6

**Appendix table 23. Producer Price Indices for services 2005=100 (TOL 2008), 3rd quarter 2011**

Industry	Point figure	Quarterly change, %	Yearly change, %
Total index (TOL 2008)	116.2	-0.2	2.1
H Transportation and storage	121.8	-0.1	4.8
I Accommodation and food service activities	100.8	-6.2	1.7
J Information and communication	101.1	-0.1	-0.4
L Real estate activities	116.7	0.0	3.0
M Professional, scientific and technical activities	123.3	-0.1	0.6
N Administrative and support service activities	119.5	0.4	3.8
S Other service activities	101.5	-0.8	1.4
49 Land transport and transport via pipelines	128.5	-0.4	6.5
4932 Taxi operation	129.4	3.2	3.2
4941 Freight transport by road	128.4	-0.6	6.7
5020 Sea and coastal freight water transport	114.8	-1.7	7.9
52 Warehousing and support activities for transportation	111.4	0.6	2.9
5210 Warehousing and storage	113.0	0.5	1.7
5224 Cargo handling	110.6	0.6	3.5
53 Post and courier activities	120.2	1.6	2.6
5310 Postal activities under universal service obligation	119.4	2.0	2.0
5320 Other postal and courier activities	123.9	0.2	5.3
5510 Hotels	100.8	-6.2	1.7
58 Publishing activities	113.6	0.2	1.7
61 Telecommunications	80.1	-0.5	-5.5
62 Computer programming, consultancy and related activities	113.3	0.0	1.8
63 Information service activities	107.3	0.1	1.1
6820 Rents of office and business premises	116.7	0.0	3.0
6820A Rents of office premises	111.7	0.0	-1.1
6820B Rents of business premises	122.2	0.0	7.5
69 Legal and accounting activities	131.4	1.2	3.1
6910 Legal services	121.5	0.0	3.5
6920 Accounting, book-keeping and auditing activities; tax consultancy	137.1	1.8	3.0
702 Management consultancy activities	129.3	0.2	-0.4
711 Architectural and engineering activities and related technical consultancy	121.9	-0.4	0.0
712 Technical testing and analysis	134.3	0.0	1.1
73 Advertising and market research	111.9	-0.8	1.4
731 Advertising	111.8	-0.8	1.4
732 Market research and public opinion polling	112.1	0.0	0.4
7732 Renting of construction and civil engineering machinery and equipment	112.5	1.4	5.8
7820 Temporary employment agency activities	121.7	-0.4	3.0
8010 Private security activities	131.7	0.4	3.0
81 Services to buildings and landscape activities	120.9	0.1	3.2
811 Combined facilities support activities	124.1	0.2	3.2
812 Cleaning activities	115.9	0.0	3.1
96011 Washing and (dry-)cleaning of textile and fur products for enterprises	101.5	-0.8	1.4

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

	2008–2009, %	2009–2010, %	2010:09–2011:09, %	2010:10–2011:10, %
Finland	-6.9	5.0	4.3	3.7
Sweden	1.2	0.9	-0.3	0.2
Germany	-3.3	2.1	4.6	4.6
France	-5.6	3.1	5.3 <sup>1)</sup>	5.1 <sup>1)</sup>
United Kingdom	-0.6	4.8	9.6	9.2
Euro area	-4.6	3.2	5.3	5.2 <sup>1)</sup>
EU-27	-3.7	3.4	6.0	5.9 <sup>1)</sup>
United States	-4.9	5.0	8.9 <sup>1)</sup>	7.2 <sup>1)</sup>
Japan	-6.7	0.1	2.3	1.4

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, %
2011:11	259.9	5.47	173.2	4.1

Energy prices are published on Statistics Finland's website at  
[http://tilastokeskus.fi/til/ehi/index\\_en.html](http://tilastokeskus.fi/til/ehi/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  
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Prices and Costs 2011

### Inquiries

Toni Udd (09) 1734 3380  
Anna-Riikka Pitkänen (09) 1734 3466  
Matti Suoniemi (09) 1734 3488  
Merja Pokela (09) 1734 3283  
Marja Ikonen (09) 1734 3480

Director in charge:

Kari Molnar

[thi.tilastokeskus@stat.fi](mailto:thi.tilastokeskus@stat.fi)

[www.stat.fi](http://www.stat.fi)

Source: Producer Price Index 2011, November. Statistics Finland