

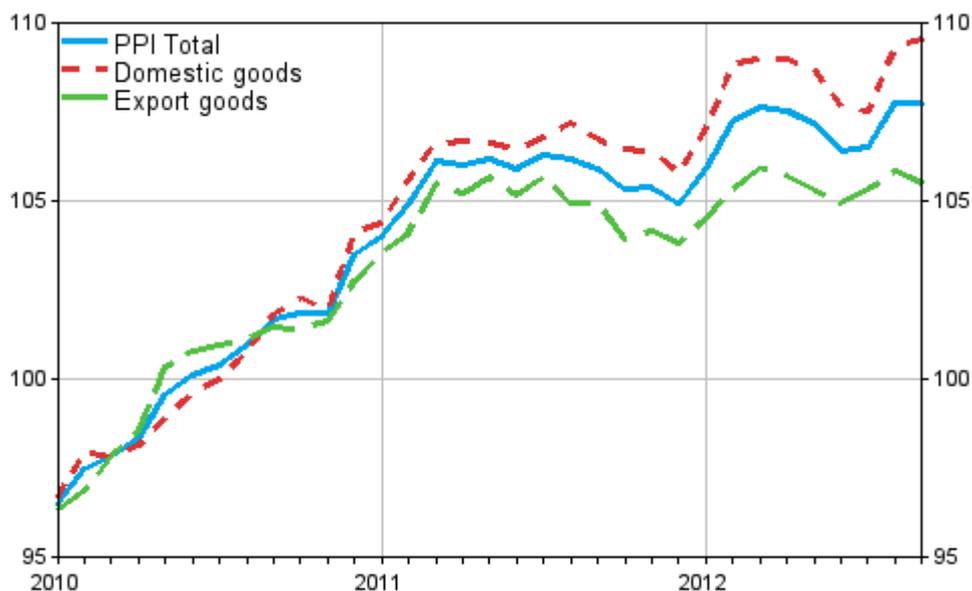
# Producer Price Indices

2012, September

## Producer prices for manufactured products rose by 1.7 per cent in September

According to Statistics Finland, producer prices for manufactured products rose by an average of 1.7 per cent from September 2011 to September 2012. Producer prices for manufactured products sold on the domestic market rose by 2.6 per cent, while the producer prices of export products went up by 0.6 per cent.

Producer Price Index (PPI) 2010=100, 2010:01–2012:09



The Export Price Index rose by 0.7 per cent and the Import Price Index by 3.3 per cent in the year. The Basic Price Index for Domestic Supply went up by 3.2 per cent and the year-on-year change in the Basic Price Index for Domestic Supply, Including Taxes was 3.4 per cent.

The rise in the producer prices for manufactured products was particularly caused by higher prices of oil products, food and metal products from September of the previous year. The increase was curbed above all by lower costs of the manufacturing of basic metals and paper.

Producer prices for manufactured goods remained on average unchanged from August to September.

#### Producer Price Indices 2010=100

	Index 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
Producer Price Index, total	107.7	0.0	1.7
- Producer Price Index, domestic goods	109.5	0.2	2.6
- Producer Price Index, export goods	105.5	-0.3	0.6
Export Price Index	105.7	-0.3	0.7
Import Price Index	112.4	-0.5	3.3
Basic Price Index for Domestic Supply	110.7	0.1	3.2
Basic Price Index for Domestic Supply, incl. taxes	112.0	0.0	3.4

#### Producer Price Indices 1949=100

	Index 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
Production Price Index	1986	0.0	1.8
Export Price Index (fob)	1726	-0.3	0.7
Import Price Index (cif)	1678	-0.5	3.1
Wholesale Price Index	2252	0.0	3.3

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**Appendix table 1. Producer Price Indices 2010=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		Basic Price Index for Domestic Supply, incl. taxes	
		Index	%/year	Index	%/year	Index	%/year	Index	%/year	Index	%/year
2010	1-12	100.0		100.0		100.0		100.0		100.0	
2011	1-12	105.6	5.6	106.4	6.4	104.9	4.9	108.3	8.3	107.5	7.5
	1	104.0	7.8	103.9	6.8	103.7	7.7	105.7	10.6	105.0	8.2
	2	104.9	7.6	105.1	7.4	104.3	7.7	107.3	11.3	106.2	8.9
	3	106.1	8.5	106.2	7.9	105.7	8.0	108.8	11.2	107.3	9.4
	4	106.0	7.8	106.7	7.6	105.4	7.0	109.8	9.8	107.8	9.1
	5	106.2	6.7	106.3	6.9	105.9	5.5	108.1	8.1	107.3	8.5
	6	105.9	5.8	106.4	6.4	105.3	4.5	107.8	6.8	107.5	8.0
	7	106.3	5.8	107.0	7.1	105.8	4.9	108.8	8.6	108.2	7.8
	8	106.2	5.2	107.0	6.7	105.1	3.9	107.9	7.3	108.2	7.4
	9	105.9	4.2	107.2	6.0	105.0	3.5	108.8	7.5	108.2	6.7
	10	105.3	3.4	106.9	5.4	104.0	2.7	108.4	7.5	108.0	6.2
	11	105.4	3.5	107.2	5.4	104.2	2.5	109.2	7.1	108.2	6.1
12	104.9	1.4	107.0	3.5	104.0	1.0	109.2	4.6	108.1	4.2	
2012	1	105.9	1.8	108.0	4.0	104.7	0.9	110.9	4.9	109.5	4.2
	2	107.2	2.2	109.6	4.3	105.5	1.2	112.1	4.5	111.0	4.5
	3	107.6	1.4	110.1	3.6	106.1	0.4	112.6	3.6	111.4	3.8
	4	107.5	1.4	109.9	3.0	105.9	0.5	112.1	2.0	111.3	3.2
	5	107.2	0.9	109.8	3.3	105.5	-0.4	111.4	3.1	111.2	3.6
	6	106.4	0.5	108.5	2.0	105.1	-0.2	109.0	1.1	109.9	2.2
	7	106.5	0.2	109.1	1.9	105.5	-0.3	110.8	1.8	110.5	2.1
	8	107.8	1.5	110.6	3.3	106.0	0.9	113.0	4.8	111.9	3.5
	9	107.7	1.7	110.7	3.2	105.7	0.7	112.4	3.3	112.0	3.4

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

Year and month	Production Price Index	Export Price Index	Import Price Index	Wholesale Price Index	
2000	1-12	1666	1686	1335	1701
2001	1-12	1674	1668	1298	1706
2002	1-12	1644	1617	1263	1693
2003	1-12	1626	1562	1258	1695
2004	1-12	1631	1570	1303	1711
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	1-12	1944	1714	1616	2169
2012	1	1953	1709	1655	2202
	2	1977	1722	1673	2232
	3	1984	1733	1681	2241
	4	1982	1729	1672	2238
	5	1976	1723	1662	2236
	6	1962	1716	1626	2211
	7	1964	1722	1653	2223
	8	1986	1730	1687	2252
	9	1986	1726	1678	2252

**Appendix table 3. Producer Price Index 2010=100 (NACE-TOL 2008)**

Commodity groups according to NACE SIC	Domestic goods	Export goods	Total 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
B-E Total Index	109.5	105.5	107.7	0.0	1.7
B Mining and quarrying	114.4	107.1	113.9	1.5	7.2
C Manufacturing	110.0	105.7	107.8	-0.2	1.7
C10 Manufacture of food products	112.3	112.7	112.4	0.3	3.5
C11 Manufacture of beverages	108.6	105.5	108.1	-1.2	5.5
C13 Manufacture of textiles	100.1	107.1	103.7	-0.5	-1.9
C14 Manufacture of wearing apparel	109.4	105.8	107.1	-0.3	3.6
C16 Manufacture of wood and of products of wood and cork, except furniture	100.2	103.0	101.2	0.6	-0.3
C17 Manufacture of paper and paper products	97.7	103.4	101.5	-1.7	-3.4
C171 Manufacture of pulp, paper and paperboard	96.0	103.2	101.0	-1.8	-3.8
C172 Manufacture of articles of paper and paperboard	106.5	108.0	106.9	0.2	0.9
C18 Printing and reproduction of recorded media			97.9	-0.2	-1.5
C20 Manufacture of chemicals and chemical products	116.5	110.4	113.3	1.1	2.9
C22 Manufacture of rubber and plastic products	111.6	107.2	109.7	-0.7	2.5
C23 Manufacture of other non-metallic mineral products	107.6	104.9	106.9	0.5	2.9
C24 Manufacture of basic metals	105.3	97.3	99.9	-2.0	-5.9
C25 Manufacture of fabricated metal products, except machinery and equipment	110.3	116.2	111.3	0.4	4.2
C26 Manufacture of computer, electronic and optical products	97.6	91.9	92.6	0.0	-6.1
C265 Manufacture of instruments and appliances for measuring, testing and navigation; watches and			101.5	-0.1	0.5
C27 Manufacture of electrical equipment	111.4	101.8	104.2	-0.2	1.2
C28 Manufacture of machinery and equipment n.e.c.	100.8	104.4	103.3	0.1	1.9
C29 Manufacture of motor vehicles, trailers and semi-trailers	103.5	103.9	103.8	0.2	2.1
C31 Manufacture of furniture	104.8	105.3	104.9	0.0	1.4
D35 Electricity, gas, steam and air conditioning supply			102.8	2.4	2.1
E36 Water collection, treatment and supply			110.9	0.0	4.6

**Appendix table 4. Producer Price Index 2010=100 (MIG)**

Main Industrial Groupings (MIG)	Domestic goods	Export goods	Total 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
Intermediate goods	107.3	103.5	105.3	-0.4	-0.5
Capital goods	105.5	100.0	102.2	0.0	0.8
Durable consumer goods	106.7	106.4	106.6	-0.2	2.4
Non-durable consumer goods	108.5	105.8	107.9	0.0	2.9
Energy	116.6				

**Appendix table 5. Export Price Index 2010=100 (NACE-TOL 2008)**

Commodity groups according to NACE SIC	Index 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
A-E Total Index	105.7	-0.3	0.7
A Agriculture, Forestry and fishing	137.3	1.7	15.7
B Mining and quarrying	107.1	1.4	0.3
C Manufacturing	105.7	-0.4	0.6
C10 Manufacture of food products	112.7	-0.7	6.4
C11 Manufacture of beverages	105.5	-4.4	2.6
C13 Manufacture of textiles	107.1	0.1	-2.6
C14 Manufacture of wearing apparel	105.8	-0.2	2.8
C16 Manufacture of wood and of products of wood and cork, except furniture	103.0	0.8	0.7
C17 Manufacture of paper and paper products	103.4	-1.9	-3.2
C171 Manufacture of pulp, paper and paperboard	103.2	-1.9	-3.4
C172 Manufacture of articles of paper and paperboard	108.0	-1.8	1.0
C20 Manufacture of chemicals and chemical products	110.4	1.0	2.1
C22 Manufacture of rubber and plastic products	107.2	-1.4	1.8
C23 Manufacture of other non-metallic mineral products	104.9	1.2	3.7
C24 Manufacture of basic metals	97.3	-1.6	-5.8
C25 Manufacture of fabricated metal products, except machinery and equipment	116.2	3.8	5.3
C26 Manufacture of computer, electronic and optical products	91.9	0.0	-6.7
C27 Manufacture of electrical equipment	101.8	-0.4	0.3
C28 Manufacture of machinery and equipment n.e.c.	104.4	0.0	2.1
C29 Manufacture of motor vehicles, trailers and semi-trailers	103.9	0.3	2.3
C31 Manufacture of furniture	105.3	0.0	1.5

**Appendix table 6. Export Price Index 2010=100 (MIG)**

Main Industrial Groupings (MIG)	Index 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
Intermediate goods	103.5	-0.6	-1.5
Capital goods	100.0	0.0	-1.0
Durable consumer goods	106.4	-0.9	3.0
Non-durable consumer goods	105.8	0.2	3.9

**Appendix table 7. Import Price Index 2010=100 (NACE-TOL 2008)**

Commodity groups according to NACE SIC	Index 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
A-E Total Index	112.4	-0.5	3.3
A Agriculture, Forestry and fishing	105.2	-1.4	-6.1
B Mining and quarrying	136.1	-2.1	6.8
C Manufacturing	108.4	0.0	2.8
C10 Manufacture of food products	115.9	2.9	3.6
C11 Manufacture of beverages	106.7	0.3	3.5
C13 Manufacture of textiles	108.1	0.2	-0.7
C14 Manufacture of wearing apparel	111.7	-0.5	6.1
C16 Manufacture of wood and of products of wood and cork, except furniture	104.2	0.5	0.9
C17 Manufacture of paper and paper products	104.1	-0.5	1.7
C171 Manufacture of pulp, paper and paperboard	103.3	-0.7	1.2
C172 Manufacture of articles of paper and paperboard	105.9	-0.1	2.9
C19 Manufacture of coke and refined petroleum products	142.0	-1.0	10.0
C192 Manufacture of refined petroleum products	143.7	-1.1	11.2
C20 Manufacture of chemicals and chemical products	115.4	0.2	3.1
C21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	102.9	-0.1	3.9
C22 Manufacture of rubber and plastic products	111.8	1.1	4.6
C23 Manufacture of other non-metallic mineral products	106.3	-0.2	2.3
C24 Manufacture of basic metals	100.6	-0.6	-3.9
C241 Manufacture of basic iron and steel and of ferro-alloys	107.3	-1.9	-4.3
C244 Manufacture of basic precious and other non-ferrous metals	90.9	3.9	-3.0
C25 Manufacture of fabricated metal products, except machinery and equipment	107.6	-1.6	3.6
C26 Manufacture of computer, electronic and optical products	97.4	0.4	2.5
C27 Manufacture of electrical equipment	103.0	-0.6	1.3
C28 Manufacture of machinery and equipment n.e.c.	106.6	-0.1	2.8
C29 Manufacture of motor vehicles, trailers and semi-trailers	103.6	0.0	1.7
C30 Manufacture of other transport equipment	109.8	-1.6	6.6
C31 Manufacture of furniture	104.8	-0.3	3.7

**Appendix table 8. Import Price Index 2010=100 (MIG)**

Main Industrial Groupings (MIG)	Index 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
Intermediate goods	108.3	0.3	1.9
Capital goods	103.2	0.0	3.2
Durable consumer goods	102.4	-0.4	2.5
Non-durable consumer goods	109.5	1.1	3.8
Energy	138.4	-2.6	6.8

**Appendix table 9. Basic Price Index for Domestic Supply 2010=100 (NACE-TOL 2008)**

Commodity groups according to NACE SIC	Domestic goods	Import goods	Total 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
A-F Total Index	109.8	112.4	110.7	0.1	3.2
A Agriculture, Forestry and fishing	113.2	105.2	112.0	2.4	-0.4
B Mining and quarrying	114.4	136.1	132.4	-1.6	6.9
C Manufacturing	110.0	108.4	109.3	0.0	2.8
C10 Manufacture of food products	112.3	116.0	113.2	1.1	3.3
C11 Manufacture of beverages	108.6	106.7	108.0	-0.4	5.3
C13 Manufacture of textiles	100.1	108.0	105.3	-0.3	-0.8
C14 Manufacture of wearing apparel	109.4	111.8	111.6	-0.5	6.1
C16 Manufacture of wood and of products of wood and cork, except furniture	100.2	104.2	100.7	0.5	-0.6
C17 Manufacture of paper and paper products	97.7	104.1	98.8	-1.1	-3.0
C171 Manufacture of pulp, paper and paperboard	96.0	103.3	97.0	-1.6	-4.1
C172 Manufacture of articles of paper and paperboard	106.5	105.9	106.3	0.7	1.4
C18 Printing and reproduction of recorded media			97.1	-0.2	-2.0
C20 Manufacture of chemicals and chemical products	116.5	115.4	115.9	0.7	3.4
C22 Manufacture of rubber and plastic products	111.6	111.8	111.7	0.4	3.7
C23 Manufacture of other non-metallic mineral products	107.6	106.3	107.3	0.1	2.6
C24 Manufacture of basic metals	105.3	100.6	102.9	-1.6	-5.1
C25 Manufacture of fabricated metal products, except machinery and equipment	110.3	107.6	109.8	-0.6	3.9
C26 Manufacture of computer, electronic and optical products	97.6	97.4	97.5	0.3	1.9
C27 Manufacture of electrical equipment	111.4	103.0	105.7	-0.3	2.1
C28 Manufacture of machinery and equipment n.e.c.	100.8	106.6	104.1	0.0	2.1
C29 Manufacture of motor vehicles, trailers and semi-trailers	103.5	103.6	103.6	-0.1	1.7
C31 Manufacture of furniture	104.8	104.8	104.8	-0.1	2.1
C33 Repair and installation of machinery and equipment			107.2	0.0	4.6
D35 Electricity, gas, steam and air conditioning supply			102.9	1.8	2.5
E36 Water collection, treatment and supply			110.9	0.0	4.6
F Construction			109.3	0.2	5.4

**Appendix table 10. Basic Price Index for Domestic Supply 2010=100 (MIG)**

Main Industrial Groupings (MIG)	Domestic goods	Import goods	Total 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
Intermediate goods	107.3	108.3	107.7	0.0	1.1
Capital goods	105.5	103.2	104.3	0.1	3.3
Durable consumer goods	106.7	102.4	104.1	-0.2	2.4
Non-durable consumer goods	108.5	109.6	109.0	0.4	3.2
Energy	116.6	138.4	125.9	-0.6	6.9

**Appendix table 11. Basic Price Index for Domestic Supply 2010=100, including taxes (NACE-TOL 2008)**

Commodity groups according to NACE SIC	Domestic goods	Import goods	Total 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
A-E Total Index	110.8	114.1	112.0	0.0	3.4
A Agriculture, Forestry and fishing	113.0	105.6	112.0	2.3	-0.6
B Mining and quarrying	114.9	142.4	137.7	-2.2	6.0
C Manufacturing	110.8	109.2	110.1	0.0	3.2
C10 Manufacture of food products	113.9	118.6	115.1	1.1	3.6
C11 Manufacture of beverages	111.8	108.3	110.8	-0.3	8.3
C13 Manufacture of textiles	100.5	108.5	105.7	-0.3	-0.8
C14 Manufacture of wearing apparel	109.9	112.3	112.1	-0.5	6.1
C16 Manufacture of wood and of products of wood and cork, except furniture	100.6	104.6	101.1	0.5	-0.6
C17 Manufacture of paper and paper products	98.1	104.5	99.2	-1.1	-3.0
C171 Manufacture of pulp, paper and paperboard	96.4	103.7	97.4	-1.6	-4.1
C172 Manufacture of articles of paper and paperboard	106.9	106.4	106.7	0.7	1.4
C20 Manufacture of chemicals and chemical products	117.0	115.9	116.4	0.7	3.4
C22 Manufacture of rubber and plastic products	112.1	112.3	112.1	0.4	3.7
C23 Manufacture of other non-metallic mineral products	108.0	106.7	107.7	0.1	2.6
C24 Manufacture of basic metals	105.7	101.0	103.3	-1.6	-5.1
C25 Manufacture of fabricated metal products, except machinery and equipment	110.7	108.1	110.2	-0.6	3.9
C26 Manufacture of computer, electronic and optical products	98.0	97.8	97.9	0.3	1.9
C27 Manufacture of electrical equipment	111.8	103.4	106.2	-0.3	2.1
C28 Manufacture of machinery and equipment n.e.c.	101.3	107.0	104.5	0.0	2.1
C29 Manufacture of motor vehicles, trailers and semi-trailers	104.0	103.6	103.7	0.0	1.6
C31 Manufacture of furniture	105.2	105.2	105.2	-0.1	2.1
C33 Repair and installation of machinery and equipment			107.6	0.0	4.6
D35 Electricity, gas, steam and air conditioning supply			108.5	1.7	2.3
E36 Water collection, treatment and supply			111.4	0.0	4.7
F Construction			109.7	0.2	5.4

**Appendix table 12. Basic Price Index for Domestic Supply 2010=100, including taxes (MIG)**

Main Industrial Groupings (MIG)	Domestic goods	Import goods	Total 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
Intermediate goods	107.7	108.7	108.1	0.0	1.1
Capital goods	105.9	103.5	104.6	0.1	3.2
Durable consumer goods	107.1	102.8	104.4	-0.2	2.3
Non-durable consumer goods	110.1	110.4	110.3	0.3	3.8
Energy	119.4	145.0	129.2	-0.8	6.9

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

Commodity groups (SITC)	Domestic goods	Export goods	Total 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
0-8 Total index	2249	1759	1986	0.0	1.8
0 Food			1788	0.3	3.5
7 Machinery and transport equipment			1327	0.0	0.4
71 Machinery (other than electric)			2774	0.0	2.5
72 Electric machinery, apparatus and appliances			381	0.0	-3.4

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

Industry (ISIC)	Index 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
2-3 Manufacturing industry	1847	-0.2	1.7
34-38 Manufacture of metal and metal products	1405	-0.4	-0.4
34 Basic metal industries	1599	-1.2	-4.4
35 Manufacture of metal products	2180	-0.4	3.4
36 Manufacture of machinery	2750	0.0	2.6
37 Manufacture of electric machinery	465	-0.1	-2.5
38 Manufacture of transport equipment	2090	0.1	1.7

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

Commodity groups (SITC)	Index 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
0-8 Total index	1726	-0.3	0.7
0 Food	1130	-1.1	4.9
2 Crude materials (inedible)	1811	0.7	0.3
6 Manufactured goods	1588	-1.1	-2.2
7 Machinery and transport equipment	1440	0.0	-0.9

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

Commodity groups (SITC)	Index 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
0-8 Total index	1678	-0.5	3.1
0 Food	1313	1.8	1.8
2 Crude materials (inedible)	1413	2.9	6.0
3 Mineral fuels, lubricants, gas, electric energy and water	5121	-2.6	5.7
7 Machinery and transport equipment	1992	-0.1	2.6

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

Commodity groups (SITC)	Domestic goods	Import goods	Total 2012:09	2012:08 - 2012:09, %	2011:09 - 2012:09, %
0-8 Total index	2335	1965	2252	0.0	3.3
0 Food			1653	2.1	4.3
3 Mineral fuels, lubricants, gas, electric energy and water			4829	-0.8	6.8
31A Mineral fuels and lubricants			7083	-1.7	10.6
31B Gas, electric energy and water			2882	0.8	1.0
5 Chemicals			1628	0.6	3.9
68 Base metals			2439	2.0	-2.7
7 Machinery and transport equipment			1795	-0.1	2.6
71 Machinery (other than electric)			3993	-0.1	3.3
72 Electric machinery, apparatus and appliances			465	0.0	2.7
73 Transport equipment			2230	-0.2	2.3

**Appendix table 18. Producer Price Index 2005=100 (NACE-TOL 2008)**

Commodity groups according to NACE SIC	Index 2012:09
Total Index	116.7
B Mining and quarrying	130.0
C Manufacturing	114.7
C10 Manufacture of food products	125.7
C171 Manufacture of pulp, paper and paperboard	106.9
C172 Manufacture of articles of paper and paperboard	113.6
C20 Manufacture of chemicals and chemical products	141.8
C24 Manufacture of basic metals	120.8
C25 Manufacture of fabricated metal products, except machinery and equipment	121.0
C26 Manufacture of computer, electronic and optical products	55.7
C27 Manufacture of electrical equipment	121.1
C28 Manufacture of machinery and equipment n.e.c.	112.6
D35 Electricity, gas, steam and air conditioning supply	148.7

**Appendix table 19. Export Price Index 2005=100 (NACE-TOL 2008)**

Commodity groups according to NACE SIC	Index 2012:09
Total Index	103.9
A Agriculture, Forestry and fishing	171.5
C Manufacturing	103.1
C10 Manufacture of food products	126.4
C171 Manufacture of pulp, paper and paperboard	103.3
C172 Manufacture of articles of paper and paperboard	107.8
C20 Manufacture of chemicals and chemical products	131.3
C24 Manufacture of basic metals	116.1
C25 Manufacture of fabricated metal products, except machinery and equipment	117.5
C27 Manufacture of electrical equipment	120.7
C28 Manufacture of machinery and equipment n.e.c.	110.8

**Appendix table 20. Import Price Index 2005=100 (NACE-TOL 2008)**

Commodity groups according to NACE SIC	Index 2012:09
Total Index	122.8
A Agriculture, Forestry and fishing	126.7
B Mining and quarrying	180.3
C Manufacturing	113.2
C10 Manufacture of food products	131.3
C19 Manufacture of coke and refined petroleum products	200.3
C20 Manufacture of chemicals and chemical products	131.4
C24 Manufacture of basic metals	138.6
C25 Manufacture of fabricated metal products, except machinery and equipment	119.8
C26 Manufacture of computer, electronic and optical products	65.8
C27 Manufacture of electrical equipment	110.4
C28 Manufacture of machinery and equipment n.e.c.	117.3

**Appendix table 21. Basic Price Index for Domestic Supply 2005=100 (NACE-TOL 2008)**

Commodity groups according to NACE SIC	Index 2012:09
Total Index	126.5
A Agriculture, Forestry and fishing	123.7
B Mining and quarrying	172.5
C Manufacturing	121.2
C10 Manufacture of food products	126.9
C171 Manufacture of pulp, paper and paperboard	116.7
C172 Manufacture of articles of paper and paperboard	113.4
C20 Manufacture of chemicals and chemical products	140.5
C24 Manufacture of basic metals	133.3
C25 Manufacture of fabricated metal products, except machinery and equipment	121.9
C26 Manufacture of computer, electronic and optical products	70.6
C27 Manufacture of electrical equipment	114.0
C28 Manufacture of machinery and equipment n.e.c.	116.9
D35 Electricity, gas, steam and air conditioning supply	149.4

**Appendix table 22. Wholesale Price Index 2005=100 (NACE-TOL 2008)**

Commodity groups according to NACE SIC	Index 2012:09
Total Index	127.3
A Agriculture, Forestry and fishing	121.5
B Mining and quarrying	181.0
C Manufacturing	121.7
C10 Manufacture of food products	124.0
C171 Manufacture of pulp, paper and paperboard	117.7
C172 Manufacture of articles of paper and paperboard	114.3
C20 Manufacture of chemicals and chemical products	141.7
C24 Manufacture of basic metals	134.4
C25 Manufacture of fabricated metal products, except machinery and equipment	122.9
C26 Manufacture of computer, electronic and optical products	71.1
C27 Manufacture of electrical equipment	114.9
C28 Manufacture of machinery and equipment n.e.c.	117.9
D35 Electricity, gas, steam and air conditioning supply	156.5

**Appendix table 23. Producer Price Indices for services 2005=100 (TOL 2008), 3rd quarter 2012**

Industry	Point figure	Quarterly change, %	Yearly change, %
Total index (TOL 2008)	104.7	-0.2	2.3
H Transportation and storage	106.8	-0.7	2.5
I Accommodation and food service activities	106.3	0.0	3.9
J Information and communication	102.0	0.0	1.0
L Real estate activities	105.7	0.1	2.3
M Professional, scientific and technical activities	102.7	-0.1	2.0
N Administrative and support service activities	108.9	-0.1	4.6
P Education	103.7	1.2	1.7
Q Human health and social work activities	107.5	0.2	3.2
R Arts, entertainment and recreation	106.3	0.6	3.2
S Other service activities	105.4	0.2	3.1
49 Land transport and transport via pipelines	111.4	-0.0	4.8
4932 Taxi operation	108.4	3.4	3.4
4941 Freight transport by road	111.7	-0.3	4.9
5020 Sea and coastal freight water transport	105.0	-3.8	1.1
52 Warehousing and support activities for transportation	102.1	-0.3	0.0
5210 Warehousing and storage	102.1	0.1	0.5
5224 Cargo handling	102.1	-0.6	-0.3
53 Post and courier activities	105.1	4.1	4.4
5310 Postal activities under universal service obligation	104.7	5.1	5.1
5320 Other postal and courier activities	107.3	-0.2	1.2
5510 Hotels	101.5	-1.2	4.3
58 Publishing activities	104.6	0.6	2.9
61 Telecommunications	86.9	-1.0	-6.3
62 Computer programming, consultancy and related activities	105.8	0.4	2.4
63 Information service activities	103.0	0.0	2.0
6820 Rents of office and business premises	105.8	0.1	2.3
6820A Rents of office premises	104.2	0.1	2.7
6820B Rents of business premises	107.0	0.1	2.1
69 Legal and accounting activities	107.1	0.1	2.7
6910 Legal services	106.4	0.4	2.4
6920 Accounting, book-keeping and auditing activities; tax consultancy	107.6	-0.1	2.9
702 Management consultancy activities	101.5	0.4	1.6
711 Architectural and engineering activities and related technical consultancy	103.1	-0.2	2.3
712 Technical testing and analysis	102.8	0.1	2.4
73 Advertising and market research	101.0	-1.3	1.3
731 Advertising	100.8	-1.3	1.1
732 Market research and public opinion polling	105.1	0.0	4.4
7732 Renting of construction and civil engineering machinery and equipment	114.1	-0.1	9.0
7820 Temporary employment agency activities	104.7	-0.6	1.1
8010 Private security activities	107.3	1.0	3.8
81 Services to buildings and landscape activities	107.5	0.1	3.1
811 Combined facilities support activities	108.2	0.2	3.9
812 Cleaning activities	106.8	0.0	2.3
86 Human health activities	107.5	0.2	3.2

Industry	Point figure	Quarterly change, %	Yearly change, %
96011 Washing and (dry-)cleaning of textile and fur products for enterprises	103.2	-0.8	2.2

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

	2009–2010, %	2010–2011, %	2011:07–2012:07, %	2011:08–2012:08, %
Finland	5.0	5.5	0.2	1.5
Sweden	0.9	0.3	-1.2	-1.8
Germany	2.1	4.9	1.1	1.7
France	3.1	5.3	1.1 <sup>2)</sup>	2.2 <sup>2)</sup>
United Kingdom	4.8	9.1	-0.5	1.7
Euro area	3.2	5.5	1.6	2.6 <sup>2)</sup>
EU-27	3.4	6.0	1.4	2.4 <sup>2)</sup>
United States	5.0	7.8	-0.4 <sup>1)</sup>	1.4 <sup>1)</sup>
Japan	0.1	1.7	-3.1	-2.5

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 2010=100	Yearly Change, %
2012:08	257.5	5.42	98.7	-2.0

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)

#### Appendix table 26. Basic Price Index for Domestic Supply 2000=100 (NACE-TOL 2002)

Commodity groups according to NACE SIC	Index 2012:09
E40 Electricity, gas, steam and hot water supply	218.4

# *Quality Description of Producer Price Indices 2010=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 Basic price index for domestic supply and the Basic price index for domestic supply including taxes. 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) and SITC-classification (Standard International Trade Classification).

#### 1.2.3 Concepts

### **Producer Price Index for Manufactured Products 2010=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 at the factory gate 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 2010=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 2010=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 2010=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. The index includes both domestic and imported goods. The price for domestic goods is the price at the factory gate 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.

### **Basic Price index for Domestic Supply including taxes 2010=100**

The Basic Price index for Domestic Supply including taxes corresponds to the Basic Price Index of Domestic supply, but the changes in excise duties, car tax and value added tax affect statistic's point figures. The index includes both domestic and imported goods. The price for domestic goods comprises the price at the factory gate, value added tax and other indirect taxes. The price of imported goods comprises the c.i.f. price of the imports, customs duties, value added tax and other indirect taxes. The Index covers TOL 2008 industries A-F, that is, commodities ranging from agricultural products to construction.

#### 1.3 Laws and regulations

These statistics are based on the Law on Statistics (280/2004) and on the European Council Regulations (EC) No 1165/98 and No 1158/2005 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 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 2010=100 have been selected from the total group of headings for which production, export or import was recorded during the year 2010.

### 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 24th day or the next office day of the month following the month of the data. The November's statistics is published on the previous working day of Christmas

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 24th day of the month following the statistical reference month or on the first working day following it (except November's statistics that is released on the previous working day of Christmas). 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 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 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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Prices and Costs 2012

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