

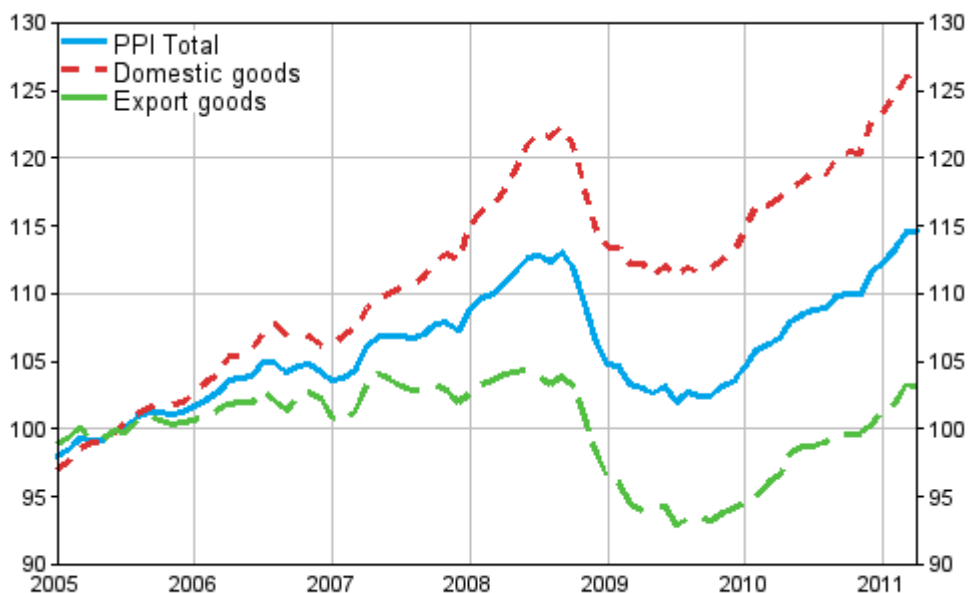
# Producer Price Index

2011, April

## Producer prices for manufactured products rose by 7.3 per cent in the year

According to Statistics Finland, producer prices for manufactured products rose by an average of 7.3 per cent from April 2010 to April 2011. Producer prices for manufactured products sold on the domestic market rose by 7.8 per cent, while the producer prices of export industries went up by 6.7 per cent.

Producer Price Index (PPI) 2005=100, 2005:01–2011:04



The export price index rose by 7.1 per cent and the import price index by 9.6 per cent in the year. The basic price index for domestic supply went up by 8.2 per cent and the year-on-year change in the wholesale price index was 10.6 per cent.

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

From March to April, producer prices for manufactured products went up by 0.1 per cent. The rise was mainly caused by increases in the prices of oil products and chemicals.

#### **Producer Price Indices 2005=100**

	Index 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
Producer Price Index, total	114.6	0.1	7.3
- Producer Price Index, domestic goods	126.3	0.2	7.8
- Producer Price Index, export goods	103.1	-0.1	6.7
Export Price Index	103.8	-0.1	7.1
Import Price Index	119.6	1.0	9.6
Basic Price Index for Domestic Supply	122.4	0.6	8.2
Wholesale Price Index	123.4	0.5	10.6

#### **Producer Price Indices 1949=100**

	Index 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
Production Price Index	1951	0.1	7.3
Export Price Index (fob)	1725	-0.1	7.1
Import Price Index (cif)	1635	1.0	9.6
Wholesale Price Index	2182	0.5	10.6

# Contents

## Tables

### Appendix tables

Appendix table 1. Producer Price Indices 2005=100, index numbers and year-on-year changes.....	4
Appendix table 2. Producer Price Indices 1949=100.....	5
Appendix table 3. Producer Price Index 2005=100 (NACE-TOL 2008).....	6
Appendix table 4. Producer Price Index 2005=100 (MIG).....	6
Appendix table 5. Export Price Index 2005=100 (NACE-TOL 2008).....	7
Appendix table 6. Export Price Index 2005=100 (MIG).....	7
Appendix table 7. Import Price Index 2005=100 (NACE-TOL 2008).....	8
Appendix table 8. Import Price Index 2005=100 (MIG).....	8
Appendix table 9. Basic Price Index for Domestic Supply 2005=100 (NACE-TOL 2008).....	9
Appendix table 10. Basic Price Index for Domestic Supply 2005=100 (MIG).....	9
Appendix table 11. Wholesale Price Index 2005=100 (NACE-TOL 2008).....	10
Appendix table 12. Wholesale Price Index 2005=100 (MIG).....	10
Appendix table 13. Production Price Index 1949=100 (SITC).....	11
Appendix table 14. Production Price Index 1949=100 (ISIC).....	11
Appendix table 15. Export Price Index (FOB) 1949=100 (SITC).....	11
Appendix table 16. Import Price Index (CIF) 1949=100 (SITC).....	11
Appendix table 17. Wholesale Price Index 1949=100 (SITC).....	12
Appendix table 18. Producer Price Index 2000=100 (NACE-TOL 2002).....	12
Appendix table 19. Export Price Index 2000=100 (NACE-TOL 2002).....	12
Appendix table 20. Import Price Index 2000=100 (NACE-TOL 2002).....	13
Appendix table 21. Basic Price Index for Domestic Supply 2000=100 (NACE-TOL 2002).....	13
Appendix table 22. Wholesale Price Index 2000=100 (NACE-TOL 2002).....	13
Appendix table 23. Producer Price Indices for services 2005=100 (TOL 2008), 1st quarter 2011 .....	14
Appendix table 24. Producer Price Index, international comparison.....	15
Appendix table 25. Wood pellet, consumer price.....	15
Quality Description of Producer Price Index 2005=100.....	16

## Appendix tables

**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

**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

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

Commodity groups according to NACE SIC	Domestic goods	Export goods	Total 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
B-E Total Index	126.3	103.1	114.6	0.1	7.3
B Mining and quarrying	124.1	129.3	124.7	-1.3	6.5
C Manufacturing	123.7	102.8	112.5	0.2	7.2
C10 Manufacture of food products	117.6	113.6	117.0	0.4	5.9
C11 Manufacture of beverages	118.3	109.8	117.2	-0.1	-0.1
C13 Manufacture of textiles	100.8	108.8	105.0	1.0	7.5
C14 Manufacture of wearing apparel	109.4	115.7	113.1	0.1	1.7
C16 Manufacture of wood and of products of wood and cork, except furniture	114.9	117.0	115.9	1.1	4.4
C17 Manufacture of paper and paper products	119.7	107.4	111.3	-0.4	6.0
C171 Manufacture of pulp, paper and paperboard	121.2	107.6	111.5	-0.4	6.1
C172 Manufacture of articles of paper and paperboard	111.6	104.6	109.3	-0.6	4.3
C18 Printing and reproduction of recorded media			109.9	0.0	0.2
C20 Manufacture of chemicals and chemical products	142.4	126.7	134.6	0.9	13.3
C22 Manufacture of rubber and plastic products	111.5	115.3	113.4	0.8	8.4
C23 Manufacture of other non-metallic mineral products	120.5	101.1	115.4	1.0	2.8
C24 Manufacture of basic metals	134.2	129.2	131.1	-1.3	17.3
C25 Manufacture of fabricated metal products, except machinery and equipment	117.2	106.6	114.3	0.3	5.3
C26 Manufacture of computer, electronic and optical products			58.4	0.1	-2.6
C265 Manufacture of instruments and appliances for measuring, testing and navigation; watches and			98.4	0.0	-0.6
C27 Manufacture of electrical equipment	115.8	119.4	118.3	1.4	3.9
C28 Manufacture of machinery and equipment n.e.c.	116.4	106.9	110.0	0.1	1.7
C29 Manufacture of motor vehicles, trailers and semi-trailers	117.2	106.4	110.8	0.0	2.5
C31 Manufacture of furniture	105.2	114.4	107.1	-1.0	0.1
D35 Electricity, gas, steam and air conditioning supply			150.7	-2.2	9.8
D353 Steam and air conditioning supply			164.1	0.0	13.7
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 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
Intermediate goods	123.7	116.6	119.9	0.1	8.6
Capital goods	112.3	75.9	89.0	0.1	1.3
Durable consumer goods	111.5	113.9	112.8	-0.4	0.4
Non-durable consumer goods	115.5	106.7	113.4	0.2	3.1
Energy	164.2				

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

Commodity groups according to NACE SIC	Index 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
A-E Total Index	103.8	-0.1	7.1
A Agriculture, Forestry and fishing	195.1	0.5	43.2
C Manufacturing	102.8	-0.1	6.7
C10 Manufacture of food products	113.6	0.1	5.7
C11 Manufacture of beverages	109.8	-0.2	-1.0
C13 Manufacture of textiles	108.8	1.7	13.4
C14 Manufacture of wearing apparel	115.7	0.1	0.4
C16 Manufacture of wood and of products of wood and cork, except furniture	117.0	0.6	5.0
C17 Manufacture of paper and paper products	107.4	-0.2	7.9
C171 Manufacture of pulp, paper and paperboard	107.6	-0.1	8.0
C172 Manufacture of articles of paper and paperboard	104.6	-0.7	6.1
C20 Manufacture of chemicals and chemical products	126.7	-0.4	10.9
C22 Manufacture of rubber and plastic products	115.3	1.0	8.9
C23 Manufacture of other non-metallic mineral products	101.1	1.1	2.9
C24 Manufacture of basic metals	129.2	-1.4	16.8
C25 Manufacture of fabricated metal products, except machinery and equipment	106.6	-0.8	3.5
C27 Manufacture of electrical equipment	119.4	0.6	1.8
C28 Manufacture of machinery and equipment n.e.c.	106.9	-0.1	1.2
C29 Manufacture of motor vehicles, trailers and semi-trailers	106.4	0.2	2.7
C31 Manufacture of furniture	114.4	1.4	3.1

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

Main Industrial Groupings (MIG)	Index 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
Intermediate goods	116.6	-0.3	8.9
Capital goods	75.9	0.0	0.1
Durable consumer goods	113.9	0.1	-0.5
Non-durable consumer goods	106.7	-0.1	2.6

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

Commodity groups according to NACE SIC	Index 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
A-E Total Index	119.6	1.0	9.6
A Agriculture, Forestry and fishing	137.7	2.6	20.4
B Mining and quarrying	175.6	5.1	30.7
C Manufacturing	109.5	0.1	4.8
C10 Manufacture of food products	123.6	0.6	10.8
C11 Manufacture of beverages	137.9	0.0	1.1
C13 Manufacture of textiles	109.9	0.0	8.8
C14 Manufacture of wearing apparel	100.5	0.1	2.5
C16 Manufacture of wood and of products of wood and cork, except furniture	118.0	-0.1	2.2
C17 Manufacture of paper and paper products	110.5	0.0	7.5
C19 Manufacture of coke and refined petroleum products	181.7	2.0	21.4
C192 Manufacture of refined petroleum products	185.8	2.1	19.3
C20 Manufacture of chemicals and chemical products	125.7	0.5	9.8
C21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	91.7	0.4	-3.3
C22 Manufacture of rubber and plastic products	116.2	1.3	6.2
C23 Manufacture of other non-metallic mineral products	111.1	0.1	0.2
C24 Manufacture of basic metals	150.1	-0.2	9.4
C241 Manufacture of basic iron and steel and of ferro-alloys	148.9	1.2	15.4
C244 Manufacture of basic precious and other non-ferrous metals	165.6	-2.7	1.1
C25 Manufacture of fabricated metal products, except machinery and equipment	112.6	-0.1	1.3
C26 Manufacture of computer, electronic and optical products	64.2	-0.8	-5.7
C27 Manufacture of electrical equipment	106.9	-0.1	2.8
C28 Manufacture of machinery and equipment n.e.c.	112.7	-0.2	3.2
C29 Manufacture of motor vehicles, trailers and semi-trailers	107.6	0.1	1.8
C30 Manufacture of other transport equipment	98.3	-1.0	2.6
C31 Manufacture of furniture	105.0	-0.5	-2.1

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

Main Industrial Groupings (MIG)	Index 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
Intermediate goods	118.5	0.0	6.9
Capital goods	94.3	-0.5	0.2
Durable consumer goods	83.1	0.7	-2.5
Non-durable consumer goods	108.6	0.1	3.6
Energy	191.6	4.3	30.8



**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 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
A-F Total Index	124.0	119.6	122.4	0.6	8.2
A Agriculture, Forestry and fishing	118.2	137.6	121.8	1.3	16.8
B Mining and quarrying	124.1	175.6	167.7	4.3	27.4
C Manufacturing	123.7	109.5	117.1	0.4	6.4
C10 Manufacture of food products	117.6	123.7	118.8	0.4	6.9
C11 Manufacture of beverages	118.3	137.9	124.0	0.0	0.4
C13 Manufacture of textiles	100.8	109.9	106.7	0.1	6.2
C14 Manufacture of wearing apparel	109.4	100.5	101.7	0.1	2.6
C16 Manufacture of wood and of products of wood and cork, except furniture	114.9	118.0	115.3	1.2	3.7
C17 Manufacture of paper and paper products	119.7	110.5	118.3	-0.7	3.1
C171 Manufacture of pulp, paper and paperboard	121.2	115.8	120.5	-0.8	3.1
C172 Manufacture of articles of paper and paperboard	111.6	98.2	108.3	-0.6	3.4
C18 Printing and reproduction of recorded media			109.8	0.0	0.1
C20 Manufacture of chemicals and chemical products	142.4	125.7	133.0	1.2	12.4
C22 Manufacture of rubber and plastic products	111.5	116.2	113.7	1.0	7.1
C23 Manufacture of other non-metallic mineral products	120.5	111.1	118.4	0.8	2.2
C24 Manufacture of basic metals	134.2	150.2	142.0	-0.6	13.4
C25 Manufacture of fabricated metal products, except machinery and equipment	117.2	112.6	115.9	0.5	4.6
C26 Manufacture of computer, electronic and optical products	90.6	64.2	69.1	-0.4	-4.5
C27 Manufacture of electrical equipment	115.8	106.9	109.6	0.9	4.7
C28 Manufacture of machinery and equipment n.e.c.	116.4	112.7	114.3	0.1	2.9
C29 Manufacture of motor vehicles, trailers and semi-trailers	117.2	107.6	109.5	0.0	1.9
C31 Manufacture of furniture	105.2	105.0	105.1	-1.3	-1.1
C33 Repair and installation of machinery and equipment			114.3	0.1	2.0
D35 Electricity, gas, steam and air conditioning supply			154.7	-2.6	11.4
D353 Steam and air conditioning supply			164.1	0.0	13.7
E36 Water collection, treatment and supply			130.6	0.0	6.3
F Construction			120.2	0.3	3.5

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

Main Industrial Groupings (MIG)	Domestic goods	Import goods	Total 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
Intermediate goods	123.7	118.5	121.5	0.3	7.7
Capital goods	112.3	94.3	102.6	-0.1	1.5
Durable consumer goods	111.5	83.2	91.1	0.1	-1.1
Non-durable consumer goods	115.5	108.6	112.7	0.2	3.4
Energy	164.2	191.6	176.4	1.9	22.9

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

Commodity groups according to NACE SIC	Domestic goods	Import goods	Total 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
A-E Total Index	125.3	120.9	123.4	0.5	10.6
A Agriculture, Forestry and fishing	116.4	136.1	120.0	1.4	17.4
B Mining and quarrying	125.2	185.0	176.0	3.7	34.2
C Manufacturing	122.9	110.2	117.0	0.4	7.2
C10 Manufacture of food products	114.4	121.3	115.8	0.5	8.8
C11 Manufacture of beverages	123.9	115.2	120.9	0.1	1.2
C13 Manufacture of textiles	101.7	110.8	107.6	0.1	7.1
C14 Manufacture of wearing apparel	110.3	101.3	102.5	0.1	3.5
C16 Manufacture of wood and of products of wood and cork, except furniture	115.8	118.9	116.2	1.2	4.6
C17 Manufacture of paper and paper products	120.6	111.4	119.2	-0.7	4.0
C171 Manufacture of pulp, paper and paperboard	122.2	116.8	121.5	-0.8	3.9
C172 Manufacture of articles of paper and paperboard	112.6	99.1	109.2	-0.6	4.2
C20 Manufacture of chemicals and chemical products	143.6	126.8	134.1	1.2	13.3
C22 Manufacture of rubber and plastic products	112.4	117.2	114.6	1.0	8.0
C23 Manufacture of other non-metallic mineral products	121.5	112.0	119.4	0.8	3.0
C24 Manufacture of basic metals	135.3	151.4	143.2	-0.6	14.3
C25 Manufacture of fabricated metal products, except machinery and equipment	118.1	113.5	116.8	0.5	5.5
C26 Manufacture of computer, electronic and optical products	91.3	64.8	69.7	-0.4	-3.8
C27 Manufacture of electrical equipment	116.7	107.7	110.5	0.9	5.6
C28 Manufacture of machinery and equipment n.e.c.	117.4	113.7	115.2	0.1	3.8
C29 Manufacture of motor vehicles, trailers and semi-trailers	118.4	94.2	97.9	0.0	3.1
C31 Manufacture of furniture	106.1	105.8	106.0	-1.3	-0.3
C33 Repair and installation of machinery and equipment			115.3	0.1	2.9
D35 Electricity, gas, steam and air conditioning supply			161.4	-2.3	17.1
D353 Steam and air conditioning supply			165.5	0.0	14.7
E36 Water collection, treatment and supply			131.7	0.0	7.2

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

Main Industrial Groupings (MIG)	Domestic goods	Import goods	Total 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
Intermediate goods	124.6	119.4	122.4	0.3	8.6
Capital goods	113.2	91.8	101.3	-0.1	2.4
Durable consumer goods	112.4	84.3	92.1	0.1	-0.2
Non-durable consumer goods	114.9	111.0	113.2	0.3	4.5
Energy	154.6	200.1	173.0	1.4	25.6

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

Commodity groups (SITC)	Domestic goods	Export goods	Total 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
0-8 Total index	2183	1755	1951	0.1	7.3
0 Food			1661	0.3	5.9
7 Machinery and transport equipment			1313	0.3	1.0
71 Machinery (other than electric)			2701	0.3	2.0
72 Electric machinery, apparatus and appliances			389	0.4	-0.8

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

Industry (ISIC)	Index 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
2-3 Manufacturing industry	1812	0.2	7.2
34-38 Manufacture of metal and metal products	1412	-0.1	5.0
34 Basic metal industries	1714	-1.2	16.2
35 Manufacture of metal products	2089	0.3	5.5
36 Manufacture of machinery	2669	0.1	1.7
37 Manufacture of electric machinery	473	0.6	0.0
38 Manufacture of transport equipment	2054	0.0	1.8

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

Commodity groups (SITC)	Index 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
0-8 Total index	1725	-0.1	7.1
0 Food	1014	0.6	11.9
2 Crude materials (inedible)	1936	-0.2	7.6
6 Manufactured goods	1652	-0.6	10.9
7 Machinery and transport equipment	1436	0.0	0.0

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

Commodity groups (SITC)	Index 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
0-8 Total index	1635	1.0	9.6
0 Food	1300	1.0	10.3
2 Crude materials (inedible)	1369	0.2	10.6
3 Mineral fuels, lubricants, gas, electric energy and water	5014	4.3	30.8
7 Machinery and transport equipment	1927	-0.3	0.0

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

Commodity groups (SITC)	Domestic goods	Import goods	Total 2011:04	2011:03 - 2011:04, %	2010:04 - 2011:04, %
0-8 Total index	2258	1912	2182	0.5	10.6
0 Food			1540	0.5	13.7
3 Mineral fuels, lubricants, gas, electric energy and water			4639	1.4	25.3
31A Mineral fuels and lubricants			6627	3.3	28.8
31B Gas, electric energy and water			2890	-1.7	19.9
5 Chemicals			1552	1.1	10.5
68 Base metals			2712	-2.9	11.9
7 Machinery and transport equipment			1743	0.1	2.0
71 Machinery (other than electric)			3855	0.3	3.9
72 Electric machinery, apparatus and appliances			451	0.0	-0.3
73 Transport equipment			2171	-0.1	3.5

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

Commodity groups according to NACE SIC	Index 2011:04
C-E Total Index	111.4
DJ27 Manufacture of basic metals	141.7
DJ271 Manufacture of basic iron and steel and of ferro-alloys	126.0
DJ274 Manufacture of basic precious and non-ferrous metals	184.3
DJ28 Manufacture of fabricated metal products, except machinery and equipment	128.5
DK Manufacture of machinery and equipment n.e.c.	116.0
DL Manufacture of electrical and optical equipment	48.5
DM Manufacture of transport equipment	114.6
E Electricity, gas and water supply	215.7

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

Commodity groups according to NACE SIC	Index 2011:04
A-E Total Index	95.5
DJ27 Manufacture of basic metals	134.9
DJ271 Manufacture of basic iron and steel and of ferro-alloys	118.9
DJ274 Manufacture of basic precious and non-ferrous metals	188.9
DJ28 Manufacture of fabricated metal products, except machinery and equipment	119.3
DK Manufacture of machinery and equipment n.e.c.	111.1
DL Manufacture of electrical and optical equipment	49.6
DM Manufacture of transport equipment	115.8

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

Commodity groups according to NACE SIC	Index 2011:04
A-E Total Index	121.8
DF232 Manufacture of refined petroleum products	210.4
DJ27 Manufacture of basic metals	150.0
DJ271 Manufacture of basic iron and steel and of ferro-alloys	136.7
DJ274 Manufacture of basic precious and non-ferrous metals	199.6
DJ28 Manufacture of fabricated metal products, except machinery and equipment	119.2
DK Manufacture of machinery and equipment n.e.c.	117.7
DL Manufacture of electrical and optical equipment	67.0
DM Manufacture of transport equipment	113.2

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

Commodity groups according to NACE SIC	Index 2011:04
A-F Total Index	126.7
DF232 Manufacture of refined petroleum products	239.2
DJ27 Manufacture of basic metals	151.9
DJ271 Manufacture of basic iron and steel and of ferro-alloys	139.2
DJ274 Manufacture of basic precious and non-ferrous metals	186.4
DJ28 Manufacture of fabricated metal products, except machinery and equipment	128.8
DK Manufacture of machinery and equipment n.e.c.	120.2
DL Manufacture of electrical and optical equipment	58.4
DM Manufacture of transport equipment	116.3
E Electricity, gas and water supply	220.6
E 40 Electricity, gas, steam and hot water supply	226.2

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

Commodity groups according to NACE SIC	Index 2011:04
A-E Total Index	125.3
DF232 Manufacture of refined petroleum products	191.1
DJ27 Manufacture of basic metals	153.2
DJ271 Manufacture of basic iron and steel and of ferro-alloys	140.3
DJ274 Manufacture of basic precious and non-ferrous metals	187.9
DJ28 Manufacture of fabricated metal products, except machinery and equipment	129.9
DK Manufacture of machinery and equipment n.e.c.	121.1
DL Manufacture of electrical and optical equipment	58.9
DM Manufacture of transport equipment	104.3
E Electricity, gas and water supply	233.1

**Appendix table 23. Producer Price Indices for services 2005=100 (TOL 2008), 1st quarter 2011**

Industry	Point figure	Quarterly change, %	Yearly change, %
Total index (TOL 2008)	115.8	1.0	1.8
H Transportation and storage	120.2	2.5	3.8
I Accommodation and food service activities	108.9	2.9	4.2
J Information and communication	101.3	0.2	-0.6
L Real estate activities	116.7	0.0	3.4
M Professional, scientific and technical activities	122.8	0.3	0.6
N Administrative and support service activities	118.2	1.9	3.1
S Other service activities	102.0	3.0	-0.2
49 Land transport and transport via pipelines	126.3	3.1	6.0
4932 Taxi operation	125.4	0.0	3.3
4941 Freight transport by road	126.4	3.4	6.2
5020 Sea and coastal freight water transport	113.6	4.5	8.4
52 Warehousing and support activities for transportation	110.7	2.4	1.1
5210 Warehousing and storage	111.8	0.6	0.3
5224 Cargo handling	110.0	3.5	1.6
53 Post and courier activities	117.6	0.4	-3.2
5310 Postal activities under universal service obligation	117.0	0.0	-4.6
5320 Other postal and courier activities	120.1	2.3	3.2
5510 Hotels	108.9	2.9	4.2
58 Publishing activities	112.8	1.2	0.6
61 Telecommunications	81.1	-3.1	-5.9
62 Computer programming, consultancy and related activities	113.2	1.7	2.4
63 Information service activities	107.1	1.1	0.6
6820 Rents of office and business premises	116.7	0.0	3.4
6820A Rents of office premises	111.9	0.0	-1.2
6820B Rents of business premises	122.0	0.0	8.6
69 Legal and accounting activities	129.0	1.8	3.2
6910 Legal services	121.1	2.3	3.2
6920 Accounting, book-keeping and auditing activities; tax consultancy	133.5	1.5	3.2
702 Management consultancy activities	129.0	-0.2	-0.8
711 Architectural and engineering activities and related technical consultancy	121.6	0.6	0.1
712 Technical testing and analysis	133.8	0.6	0.1
73 Advertising and market research	111.7	-0.5	1.5
731 Advertising	111.6	-0.6	1.6
732 Market research and public opinion polling	112.1	0.4	0.4
7732 Renting of construction and civil engineering machinery and equipment	110.1	1.5	3.4
7820 Temporary employment agency activities	119.2	0.5	1.0
8010 Private security activities	130.6	2.2	3.7
81 Services to buildings and landscape activities	120.5	2.5	3.5
811 Combined facilities support activities	123.4	2.4	3.6
812 Cleaning activities	116.0	2.7	3.4
96011 Washing and (dry-)cleaning of textile and fur products for enterprises	102.0	3.0	-0.2

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

	2008–2009, %	2009–2010, %	2010:02–2011:02, %	2010:03–2011:03, %
Finland	-6.9	5.0	7.0	7.8
Sweden	1.2	0.9	0.1	1.7
Germany	-3.3	2.1	5.9	5.5
France	-5.6	3.1 <sup>1)</sup>	5.9 <sup>1)</sup>	6.0 <sup>1)</sup>
United Kingdom	-0.5	4.7	7.5	8.2
Euro area	-4.6	3.2	6.5	6.6 <sup>2)</sup>
EU-27	-3.6	3.4	6.5	6.9 <sup>2)</sup>
United States	-4.9	5.0 <sup>1)</sup>	6.4 <sup>1)</sup>	7.7 <sup>1)</sup>
Japan	-6.7	0.1	1.9	2.4

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, %
2011:02	253.7	5.34	169.0	2.6

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, April. Statistics Finland