

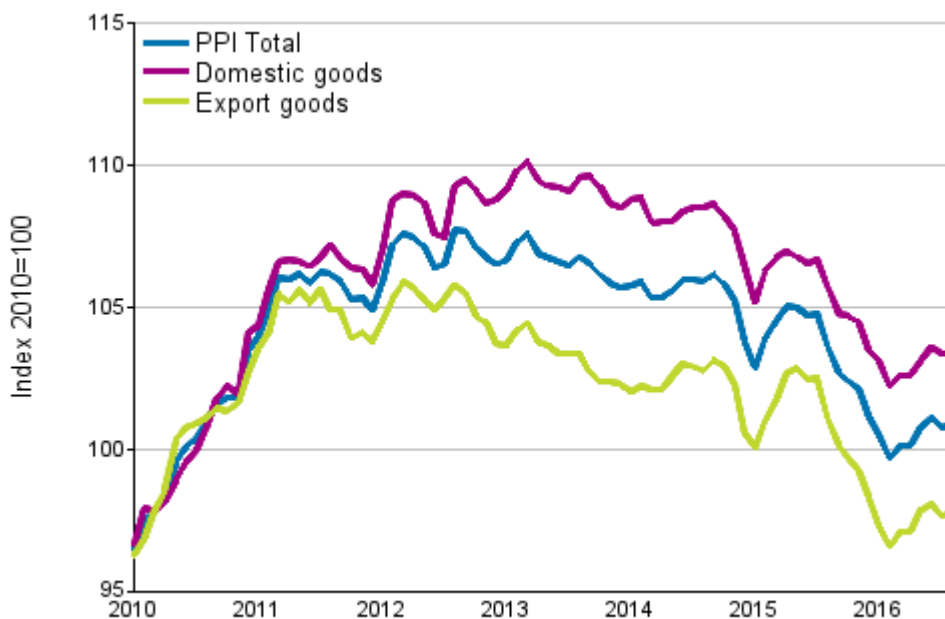
Producer Price Indices

2016, August

Producer prices for manufactured products fell by 2.6 per cent from August last year

According to Statistics Finland, producer prices for manufactured products fell by an average of 2.6 per cent from August 2015 to August 2016. The producer prices for manufactured products sold on the domestic market went down by 2.2 per cent, while the producer prices of export products fell by 3.2 per cent.

Producer Price Index (PPI) 2010=100, 1/2010–8/2016



The fall in the producer prices for manufactured products was particularly caused by reductions in the prices of oil products, manufacturing of basic metals and chemicals and chemical products from August 2015. The fall in producer prices was slowed down especially by higher prices of paper and paper board products and machinery and equipment.

The export price index fell by 3.2 per cent and the import price index by 2.7 per cent in the year. The Basic Price Index for Domestic Supply went down by 1.2 per cent. The Basic Price Index for Domestic Supply including taxes fell by 0.7 per cent.

Export prices were in particular depressed by the falling prices of oil products and manufacturing of basic metals from August 2015. The fall in prices was slowed down especially by higher prices of paper and paper board products. The fall in import prices was in turn especially caused by lower prices of chemicals and chemical products and oil products compared with the previous year's August. The fall in prices was slowed down, in particular, by higher prices of motor vehicles.

From July to August, producer prices for manufactured products went up by 0.1 per cent. The rise was mainly due to increased prices of electricity from the previous month.

Producer Price Indices 2010=100, August 2016

| | Index | Monthly change, % | Annual change, % |
|--|-------|-------------------|------------------|
| Producer Price Index, total | 100.9 | 0.1 | -2.6 |
| - Producer Price Index, domestic goods | 103.4 | 0.0 | -2.2 |
| - Producer Price Index, export goods | 97.9 | 0.3 | -3.2 |
| Export Price Index | 98.0 | 0.3 | -3.2 |
| Import Price Index | 96.3 | -0.1 | -2.7 |
| Basic Price Index for Domestic Supply | 103.3 | 0.1 | -1.2 |
| Basic Price Index for Domestic Supply, incl. taxes | 106.7 | 0.0 | -0.7 |

Producer Price Indices 1949=100, August 2016

| | Index | Monthly change, % | Annual change, % |
|------------------------|-------|-------------------|------------------|
| Production Price Index | 1861 | 0.1 | -2.6 |
| Export Price Index | 1599 | 0.3 | -3.2 |
| Import Price Index | 1437 | -0.1 | -2.7 |
| Wholesale Price Index | 2147 | 0.0 | -0.7 |

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Appendix tables

Appendix table 1. Producer Price Indices 2010=100, index numbers and year-on-year changes, August 2016

| 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 | 5.2 | 100.0 | 4.2 | 100.0 | 4.4 | 100.0 | 6.0 | 100.0 | 4.3 |
| 2011 | 1-12 | 105.6 | 5.6 | 106.4 | 6.4 | 104.9 | 4.9 | 108.3 | 8.3 | 107.5 | 7.5 |
| 2012 | 1-12 | 107.0 | 1.4 | 109.7 | 3.1 | 105.3 | 0.4 | 111.4 | 2.8 | 111.0 | 3.3 |
| 2013 | 1-12 | 106.6 | -0.4 | 109.9 | 0.2 | 103.6 | -1.6 | 108.9 | -2.2 | 112.2 | 1.1 |
| 2014 | 1-12 | 105.6 | -1.0 | 108.4 | -1.3 | 102.5 | -1.1 | 106.5 | -2.1 | 111.0 | -1.1 |
| 2015 | 1-12 | 103.6 | -1.9 | 104.9 | -3.2 | 101.1 | -1.3 | 100.1 | -6.0 | 108.0 | -2.7 |
| | 1 | 102.9 | -2.7 | 104.6 | -4.0 | 100.2 | -2.0 | 99.6 | -7.1 | 107.6 | -3.6 |
| | 2 | 104.0 | -1.8 | 105.7 | -3.0 | 101.2 | -1.2 | 101.5 | -5.3 | 108.8 | -2.5 |
| | 3 | 104.5 | -0.8 | 106.0 | -2.2 | 102.0 | -0.2 | 101.9 | -4.2 | 109.1 | -1.8 |
| | 4 | 105.1 | -0.3 | 106.5 | -1.9 | 102.9 | 0.6 | 103.0 | -3.6 | 109.5 | -1.4 |
| | 5 | 105.0 | -0.6 | 106.6 | -2.0 | 103.0 | 0.3 | 103.3 | -4.1 | 109.5 | -1.7 |
| | 6 | 104.7 | -1.2 | 106.0 | -2.8 | 102.6 | -0.4 | 102.2 | -5.7 | 108.9 | -2.5 |
| | 7 | 104.8 | -1.1 | 105.8 | -3.0 | 102.6 | -0.3 | 101.5 | -6.0 | 108.7 | -2.7 |
| | 8 | 103.7 | -2.2 | 104.5 | -4.0 | 101.2 | -1.5 | 99.0 | -7.9 | 107.5 | -3.6 |
| | 9 | 102.7 | -3.2 | 104.0 | -4.5 | 100.3 | -2.8 | 98.5 | -8.1 | 107.0 | -4.0 |
| | 10 | 102.4 | -3.2 | 103.7 | -4.1 | 99.8 | -3.1 | 98.2 | -7.3 | 106.9 | -3.4 |
| | 11 | 102.1 | -3.0 | 103.5 | -3.6 | 99.4 | -2.9 | 97.7 | -6.6 | 106.8 | -2.9 |
| 12 | 101.2 | -2.6 | 102.4 | -3.3 | 98.4 | -2.3 | 95.4 | -6.2 | 105.7 | -2.7 | |
| 2016 | 1 | 100.5 | -2.3 | 101.9 | -2.6 | 97.4 | -2.8 | 93.9 | -5.7 | 105.5 | -1.9 |
| | 2 | 99.7 | -4.1 | 101.3 | -4.2 | 96.7 | -4.5 | 93.1 | -8.2 | 104.8 | -3.7 |
| | 3 | 100.2 | -4.2 | 101.9 | -3.8 | 97.2 | -4.7 | 94.3 | -7.5 | 105.5 | -3.3 |
| | 4 | 100.2 | -4.7 | 101.9 | -4.3 | 97.2 | -5.5 | 94.5 | -8.3 | 105.4 | -3.8 |
| | 5 | 100.8 | -4.0 | 102.7 | -3.6 | 98.0 | -4.9 | 95.8 | -7.2 | 106.2 | -3.0 |
| | 6 | 101.1 | -3.4 | 103.3 | -2.6 | 98.2 | -4.3 | 96.7 | -5.4 | 106.8 | -1.9 |
| | 7 | 100.8 | -3.8 | 103.2 | -2.4 | 97.7 | -4.8 | 96.4 | -5.0 | 106.7 | -1.8 |
| | 8 | 100.9 | -2.6 | 103.3 | -1.2 | 98.0 | -3.2 | 96.3 | -2.7 | 106.7 | -0.7 |

Appendix table 2. Producer Price Indices 1949=100, August 2016

| Year and month | | Production Price Index, index | Export Price Index, index | Import Price Index, index | Wholesale Price Index, 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 | 1-12 | 1973 | 1719 | 1662 | 2234 |
| 2013 | 1-12 | 1966 | 1691 | 1625 | 2258 |
| 2014 | 1-12 | 1947 | 1673 | 1590 | 2234 |
| 2015 | 1-12 | 1910 | 1651 | 1495 | 2172 |
| 2016 | 1 | 1853 | 1590 | 1401 | 2122 |
| | 2 | 1838 | 1578 | 1389 | 2108 |
| | 3 | 1846 | 1587 | 1407 | 2121 |
| | 4 | 1846 | 1587 | 1410 | 2120 |
| | 5 | 1858 | 1599 | 1430 | 2137 |
| | 6 | 1864 | 1602 | 1443 | 2148 |
| | 7 | 1858 | 1595 | 1439 | 2147 |
| | 8 | 1861 | 1599 | 1437 | 2147 |

Appendix table 3. Producer Price Index 2010=100 (NACE-TOL 2008), August 2016

| Commodity groups according to NACE-TOL 2008 | Domestic goods | Export goods | Total | Monthly change, % | Annual change, % |
|---|----------------|--------------|-------|-------------------|------------------|
| B-E Total Index | 103.4 | 97.9 | 100.9 | 0.1 | -2.6 |
| B Mining and quarrying | 105.9 | 103.1 | 105.7 | -0.8 | -2.2 |
| C Manufacturing | 103.5 | 98.1 | 100.8 | 0.1 | -2.8 |
| C10 Manufacture of food products | 110.3 | 108.5 | 110.1 | 0.1 | -1.8 |
| C11 Manufacture of beverages | 116.6 | 98.8 | 114.0 | -0.7 | 0.4 |
| C13 Manufacture of textiles | 100.2 | 103.4 | 101.8 | -0.1 | 0.2 |
| C14 Manufacture of wearing apparel | 116.1 | 110.2 | 112.3 | 0.1 | 2.4 |
| C16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles | 104.8 | 104.5 | 104.7 | 0.5 | 0.6 |
| C17 Manufacture of paper and paper products | 94.1 | 105.4 | 101.7 | 0.3 | -2.0 |
| C171 Manufacture of pulp, paper and paperboard | 91.3 | 105.4 | 101.2 | 0.3 | -2.3 |
| C172 Manufacture of articles of paper and paperboard | 108.4 | 104.2 | 107.2 | -0.3 | 1.0 |
| C18 Printing and reproduction of recorded media | | | 97.4 | 0.0 | -3.6 |
| C20 Manufacture of chemicals and chemical products | 105.5 | 98.7 | 101.9 | 0.3 | -6.9 |
| C22 Manufacture of rubber and plastic products | 112.3 | 104.4 | 109.0 | 0.2 | -0.4 |
| C23 Manufacture of other non-metallic mineral products | 111.5 | 108.4 | 110.8 | -0.3 | -0.5 |
| C24 Manufacture of basic metals | 89.1 | 81.4 | 83.9 | 0.7 | -6.8 |
| C25 Manufacture of fabricated metal products, except machinery and equipment | 112.5 | 111.2 | 112.3 | 0.3 | -1.4 |
| C26 Manufacture of computer, electronic and optical products | 96.1 | 88.9 | 89.8 | 0.2 | -5.8 |
| C265 Manufacture of instruments and appliances for measuring, testing and navigation; watches and | | | 103.8 | 0.1 | 2.5 |
| C27 Manufacture of electrical equipment | 110.7 | 103.9 | 105.7 | 0.8 | -2.0 |
| C28 Manufacture of machinery and equipment n.e.c. | 103.4 | 108.8 | 107.1 | 0.0 | 0.8 |
| C29 Manufacture of motor vehicles, trailers and semi-trailers | 103.0 | 107.4 | 106.3 | 0.2 | 0.0 |
| C31 Manufacture of furniture | 111.6 | 109.0 | 111.2 | 0.0 | 0.7 |
| D35 Electricity, gas, steam and air conditioning supply | | | 102.7 | 0.8 | 0.6 |
| E36 Water collection, treatment and supply | | | 122.7 | 0.0 | 1.3 |

Appendix table 4. Producer Price Index 2010=100 (MIG), August 2016

| Main Industrial Groupings (MIG) | Domestic goods | Export goods | Total | Monthly change, % | Annual change, % |
|---------------------------------|----------------|--------------|-------|-------------------|------------------|
| Intermediate goods | 103.6 | 99.1 | 101.2 | 0.3 | -3.1 |
| Capital goods | 109.8 | 102.0 | 105.2 | 0.1 | -0.3 |
| Durable consumer goods | 112.6 | 106.5 | 111.1 | 0.2 | 0.0 |
| Non-durable consumer goods | 108.7 | 98.5 | 106.3 | -0.1 | -1.5 |
| Energy | 94.9 | | | | |

Appendix table 5. Export Price Index 2010=100 (NACE-TOL 2008), August 2016

| Commodity groups according to NACE-TOL 2008 | Index | Monthly change, % | Annual change, % |
|---|-------|-------------------|------------------|
| A-E Total Index | 98.0 | 0.3 | -3.2 |
| A Agriculture, Forestry and fishing | 109.4 | -0.9 | -8.4 |
| B Mining and quarrying | 103.1 | 0.2 | -1.8 |
| C Manufacturing | 98.1 | 0.3 | -3.2 |
| C10 Manufacture of food products | 108.5 | 2.4 | 0.2 |
| C11 Manufacture of beverages | 98.8 | -1.2 | -2.0 |
| C13 Manufacture of textiles | 103.4 | -0.1 | -2.0 |
| C14 Manufacture of wearing apparel | 110.2 | 0.2 | 2.8 |
| C16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles | 104.5 | 0.5 | -2.0 |
| C17 Manufacture of paper and paper products | 105.4 | 0.2 | 0.1 |
| C171 Manufacture of pulp, paper and paperboard | 105.4 | 0.2 | 0.1 |
| C172 Manufacture of articles of paper and paperboard | 104.2 | -0.3 | -0.1 |
| C20 Manufacture of chemicals and chemical products | 98.7 | 0.3 | -8.3 |
| C22 Manufacture of rubber and plastic products | 104.4 | 0.0 | 0.3 |
| C23 Manufacture of other non-metallic mineral products | 108.4 | -0.5 | -1.5 |
| C24 Manufacture of basic metals | 81.4 | 1.0 | -7.0 |
| C25 Manufacture of fabricated metal products, except machinery and equipment | 111.2 | 0.2 | -3.9 |
| C26 Manufacture of computer, electronic and optical products | 88.9 | 0.3 | -6.7 |
| C27 Manufacture of electrical equipment | 103.9 | 1.1 | -2.4 |
| C28 Manufacture of machinery and equipment n.e.c. | 108.8 | 0.0 | 0.9 |
| C29 Manufacture of motor vehicles, trailers and semi-trailers | 107.4 | 0.2 | 0.0 |
| C31 Manufacture of furniture | 109.0 | 0.0 | -1.8 |

Appendix table 6. Export Price Index 2010=100 (MIG), August 2016

| Main Industrial Groupings (MIG) | Index | Monthly change, % | Annual change, % |
|---------------------------------|-------|-------------------|------------------|
| Intermediate goods | 99.1 | 0.5 | -3.3 |
| Capital goods | 102.0 | 0.1 | -1.0 |
| Durable consumer goods | 106.5 | 0.4 | -3.8 |
| Non-durable consumer goods | 98.5 | 0.2 | -2.3 |

Appendix table 7. Import Price Index 2010=100 (NACE-TOL 2008), August 2016

| Commodity groups according to NACE-TOL 2008 | Index | Monthly change, % | Annual change, % |
|---|-------|-------------------|------------------|
| A-E Total Index | 96.3 | -0.1 | -2.7 |
| A Agriculture, Forestry and fishing | 99.5 | -0.2 | -3.1 |
| B Mining and quarrying | 74.5 | 0.4 | -6.1 |
| C Manufacturing | 102.0 | 0.0 | -1.6 |
| C10 Manufacture of food products | 115.4 | -0.9 | -3.1 |
| C11 Manufacture of beverages | 108.1 | -1.2 | 0.2 |
| C13 Manufacture of textiles | 105.4 | -0.1 | -0.8 |
| C14 Manufacture of wearing apparel | 115.4 | 0.2 | 0.4 |
| C16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles | 106.1 | 2.8 | 1.1 |
| C17 Manufacture of paper and paper products | 98.6 | -1.7 | -1.7 |
| C171 Manufacture of pulp, paper and paperboard | 96.1 | -2.5 | -2.4 |
| C172 Manufacture of articles of paper and paperboard | 104.0 | -0.1 | -0.2 |
| C19 Manufacture of coke and refined petroleum products | 75.5 | -0.7 | -6.8 |
| C192 Manufacture of refined petroleum products | 75.1 | -0.7 | -6.8 |
| C20 Manufacture of chemicals and chemical products | 101.2 | -0.4 | -6.2 |
| C21 Manufacture of basic pharmaceutical products and pharmaceutical preparations | 103.5 | 0.0 | 0.3 |
| C22 Manufacture of rubber and plastic products | 115.8 | 1.1 | -0.6 |
| C23 Manufacture of other non-metallic mineral products | 108.3 | -0.1 | -0.4 |
| C24 Manufacture of basic metals | 81.4 | 0.5 | -4.6 |
| C241 Manufacture of basic iron and steel and of ferro-alloys | 85.5 | 2.0 | -6.6 |
| C244 Manufacture of basic precious and other non-ferrous metals | 69.3 | -1.5 | -6.0 |
| C25 Manufacture of fabricated metal products, except machinery and equipment | 107.9 | 0.8 | -2.0 |
| C26 Manufacture of computer, electronic and optical products | 97.7 | -0.1 | 0.0 |
| C27 Manufacture of electrical equipment | 106.2 | 0.7 | -0.8 |
| C28 Manufacture of machinery and equipment n.e.c. | 107.4 | 0.0 | 0.6 |
| C29 Manufacture of motor vehicles, trailers and semi-trailers | 104.2 | 0.0 | 0.5 |
| C30 Manufacture of other transport equipment | 122.6 | -1.0 | -0.8 |
| C31 Manufacture of furniture | 111.0 | -0.3 | 0.6 |

Appendix table 8. Import Price Index 2010=100 (MIG), August 2016

| Main Industrial Groupings (MIG) | Index | Monthly change, % | Annual change, % |
|---------------------------------|-------|-------------------|------------------|
| Intermediate goods | 99.2 | 0.4 | -3.4 |
| Capital goods | 104.7 | -0.1 | 0.6 |
| Durable consumer goods | 100.5 | 0.1 | -0.9 |
| Non-durable consumer goods | 111.2 | -0.2 | -0.5 |
| Energy | 70.6 | -0.2 | -6.5 |

Appendix table 9. Basic Price Index for Domestic Supply 2010=100 (NACE-TOL 2008), August 2016

| Commodity groups according to NACE-TOL 2008 | Domestic goods | Import goods | Total | Monthly change, % | Annual change, % |
|---|----------------|--------------|-------|-------------------|------------------|
| A-F Total Index | 106.8 | 96.4 | 103.3 | 0.1 | -1.2 |
| A Agriculture, Forestry and fishing | 107.4 | 99.5 | 106.3 | 1.0 | 1.9 |
| B Mining and quarrying | 105.9 | 74.5 | 79.9 | 0.2 | -5.3 |
| C Manufacturing | 103.5 | 102.0 | 102.8 | 0.0 | -2.0 |
| C10 Manufacture of food products | 110.3 | 115.3 | 111.6 | -0.4 | -2.3 |
| C11 Manufacture of beverages | 116.6 | 108.2 | 114.3 | -0.8 | 0.6 |
| C13 Manufacture of textiles | 100.2 | 105.1 | 103.4 | -0.1 | 0.3 |
| C14 Manufacture of wearing apparel | 116.1 | 115.1 | 115.2 | 0.2 | 0.4 |
| C16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles | 104.8 | 106.4 | 105.0 | 0.7 | 2.0 |
| C17 Manufacture of paper and paper products | 94.1 | 98.6 | 94.9 | 0.1 | -5.7 |
| C171 Manufacture of pulp, paper and paperboard | 91.3 | 96.1 | 92.0 | 0.3 | -7.4 |
| C172 Manufacture of articles of paper and paperboard | 108.4 | 104.0 | 107.2 | -0.3 | 1.0 |
| C18 Printing and reproduction of recorded media | | | 100.4 | 0.1 | -1.3 |
| C20 Manufacture of chemicals and chemical products | 105.5 | 101.2 | 103.2 | -0.1 | -5.8 |
| C22 Manufacture of rubber and plastic products | 112.3 | 116.2 | 114.0 | 0.7 | -0.6 |
| C23 Manufacture of other non-metallic mineral products | 111.5 | 108.3 | 110.7 | -0.2 | -0.3 |
| C24 Manufacture of basic metals | 89.1 | 81.5 | 85.2 | 0.3 | -5.5 |
| C25 Manufacture of fabricated metal products, except machinery and equipment | 112.5 | 108.2 | 111.7 | 0.4 | -1.0 |
| C26 Manufacture of computer, electronic and optical products | 96.1 | 97.6 | 97.4 | -0.2 | -0.1 |
| C27 Manufacture of electrical equipment | 110.7 | 106.3 | 107.7 | 0.5 | -0.8 |
| C28 Manufacture of machinery and equipment n.e.c. | 103.4 | 107.4 | 105.6 | 0.0 | 0.7 |
| C29 Manufacture of motor vehicles, trailers and semi-trailers | 103.0 | 104.1 | 104.0 | 0.1 | 0.4 |
| C31 Manufacture of furniture | 111.6 | 111.0 | 111.4 | -0.1 | 1.0 |
| C33 Repair and installation of machinery and equipment | | | 114.6 | 0.0 | 0.5 |
| D35 Electricity, gas, steam and air conditioning supply | | | 101.3 | 0.8 | 0.4 |
| E36 Water collection, treatment and supply | | | 122.7 | 0.0 | 1.3 |
| F Construction | | | 114.1 | 0.2 | 2.1 |

Appendix table 10. Basic Price Index for Domestic Supply 2010=100 (MIG), August 2016

| Main Industrial Groupings (MIG) | Domestic goods | Import goods | Total | Monthly change, % | Annual change, % |
|---------------------------------|----------------|--------------|-------|-------------------|------------------|
| Intermediate goods | 103.6 | 99.3 | 101.9 | 0.3 | -3.1 |
| Capital goods | 109.8 | 104.7 | 107.1 | 0.0 | 0.6 |
| Durable consumer goods | 112.6 | 100.4 | 105.1 | 0.1 | -0.1 |
| Non-durable consumer goods | 108.7 | 111.1 | 109.7 | -0.2 | -0.9 |
| Energy | 94.9 | 70.6 | 84.6 | 0.0 | -4.3 |

Appendix table 11. Basic Price Index for Domestic Supply 2010=100 (NACE-TOL 2008), including taxes, August 2016

| Commodity groups according to NACE-TOL 2008 | Domestic goods | Import goods | Total | Monthly change, % | Annual change, % |
|---|----------------|--------------|-------|-------------------|------------------|
| A-E Total Index | 109.5 | 101.3 | 106.7 | 0.0 | -0.7 |
| A Agriculture, Forestry and fishing | 108.4 | 100.3 | 107.3 | 1.0 | 1.8 |
| B Mining and quarrying | 107.2 | 91.3 | 94.0 | -0.2 | -1.9 |
| C Manufacturing | 106.7 | 104.5 | 105.7 | 0.0 | -1.4 |
| C10 Manufacture of food products | 113.8 | 118.6 | 115.0 | -0.4 | -2.4 |
| C11 Manufacture of beverages | 122.7 | 115.7 | 120.9 | -0.4 | 1.1 |
| C13 Manufacture of textiles | 101.4 | 106.3 | 104.6 | -0.1 | 0.3 |
| C14 Manufacture of wearing apparel | 117.5 | 116.6 | 116.6 | 0.2 | 0.4 |
| C16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles | 106.0 | 107.7 | 106.3 | 0.7 | 2.0 |
| C17 Manufacture of paper and paper products | 95.3 | 99.8 | 96.0 | 0.1 | -5.7 |
| C171 Manufacture of pulp, paper and paperboard | 92.4 | 97.3 | 93.1 | 0.3 | -7.4 |
| C172 Manufacture of articles of paper and paperboard | 109.8 | 105.3 | 108.5 | -0.3 | 1.0 |
| C20 Manufacture of chemicals and chemical products | 106.8 | 102.5 | 104.4 | -0.1 | -5.8 |
| C22 Manufacture of rubber and plastic products | 113.7 | 117.6 | 115.4 | 0.7 | -0.6 |
| C23 Manufacture of other non-metallic mineral products | 112.9 | 109.6 | 112.1 | -0.2 | -0.3 |
| C24 Manufacture of basic metals | 90.1 | 82.5 | 86.2 | 0.3 | -5.5 |
| C25 Manufacture of fabricated metal products, except machinery and equipment | 113.9 | 109.5 | 113.0 | 0.4 | -1.0 |
| C26 Manufacture of computer, electronic and optical products | 97.3 | 98.9 | 98.7 | -0.2 | 0.0 |
| C27 Manufacture of electrical equipment | 112.1 | 107.5 | 109.0 | 0.5 | -0.8 |
| C28 Manufacture of machinery and equipment n.e.c. | 104.6 | 108.7 | 106.9 | 0.0 | 0.7 |
| C29 Manufacture of motor vehicles, trailers and semi-trailers | 104.3 | 104.4 | 104.4 | 0.1 | -0.3 |
| C31 Manufacture of furniture | 113.0 | 112.4 | 112.8 | -0.1 | 1.0 |
| C33 Repair and installation of machinery and equipment | | | 116.0 | 0.0 | 0.5 |
| D35 Electricity, gas, steam and air conditioning supply | | | 108.2 | 0.1 | -0.5 |
| E36 Water collection, treatment and supply | | | 124.2 | 0.0 | 1.3 |
| F Construction | | | 115.5 | 0.2 | 2.2 |

Appendix table 12. Basic Price Index for Domestic Supply 2010=100 (MIG), including taxes, August 2016

| Main Industrial Groupings (MIG) | Domestic goods | Import goods | Total | Monthly change, % | Annual change, % |
|---------------------------------|----------------|--------------|-------|-------------------|------------------|
| Intermediate goods | 104.8 | 100.5 | 103.1 | 0.3 | -3.1 |
| Capital goods | 111.2 | 105.6 | 108.1 | 0.0 | 0.5 |
| Durable consumer goods | 114.0 | 101.8 | 106.5 | 0.1 | 0.0 |
| Non-durable consumer goods | 113.0 | 116.0 | 114.3 | -0.2 | -0.4 |
| Energy | 105.2 | 87.4 | 98.4 | -0.4 | -1.1 |

Appendix table 13. Production Price Index 1949=100 (SITC), August 2016

| Commodity groups (SITC) | Domestic goods | Export goods | Total | Monthly change, % | Annual change, % |
|---|----------------|--------------|-------|-------------------|------------------|
| 0-8 Total index | 2124 | 1632 | 1861 | 0.1 | -2.6 |
| 0 Food | | | 1752 | 0.1 | -1.8 |
| 7 Machinery and transport equipment | | | 1361 | 0.2 | -0.9 |
| 71 Machinery (other than electric) | | | 2909 | 0.2 | 0.3 |
| 72 Electric machinery, apparatus and appliances | | | 374 | 0.1 | -4.2 |

Appendix table 14. Production Price Index 1949=100 (ISIC), August 2016

| Industry (ISIC) | Index | Monthly change, % | Annual change, % |
|---|-------|-------------------|------------------|
| 2-3 Manufacturing industry | 1719 | 0.1 | -2.9 |
| 34-38 Manufacture of metal and metal products | 1367 | 0.2 | -2.4 |
| 34 Basic metal industries | 1314 | 0.4 | -8.3 |
| 35 Manufacture of metal products | 2222 | 0.1 | -0.6 |
| 36 Manufacture of machinery | 2872 | 0.1 | 0.7 |
| 37 Manufacture of electric machinery | 464 | 0.5 | -3.3 |
| 38 Manufacture of transport equipment | 2145 | 0.2 | 0.5 |

Appendix table 15. Export Price Index 1949=100, August 2016

| Commodity groups (SITC) | Index | Monthly change, % | Annual change, % |
|-------------------------------------|-------|-------------------|------------------|
| 0-8 Total index | 1599 | 0.3 | -3.2 |
| 0 Food | 1059 | 1.8 | -0.3 |
| 2 Crude materials (inedible) | 1784 | 1.2 | -6.5 |
| 6 Manufactured goods | 1504 | 0.3 | -2.2 |
| 7 Machinery and transport equipment | 1469 | 0.3 | -1.7 |

Appendix table 16. Import Price Index 1949=100, August 2016

| Commodity groups (SITC) | Index | Monthly change, % | Annual change, % |
|---|-------|-------------------|------------------|
| 0-8 Total index | 1437 | -0.1 | -2.7 |
| 0 Food | 1323 | -0.9 | -2.8 |
| 2 Crude materials (inedible) | 1163 | 0.6 | -3.7 |
| 3 Mineral fuels, lubricants, gas, electric energy and water | 2614 | -0.2 | -6.5 |
| 7 Machinery and transport equipment | 2023 | 0.1 | 0.1 |

Appendix table 17. Wholesale Price Index 1949=100, August 2016

| Commodity groups (SITC) | Domestic goods | Import goods | Total | Monthly change, % | Annual change, % |
|---|----------------|--------------|-------|-------------------|------------------|
| 0-8 Total index | 2307 | 1744 | 2147 | 0.0 | -0.7 |
| 0 Food | | | 1614 | 0.4 | -0.3 |
| 3 Mineral fuels, lubricants, gas, electric energy and water | | | 3699 | -0.4 | -1.0 |
| 31A Mineral fuels and lubricants | | | 4471 | -0.7 | -1.6 |
| 31B Gas, electric energy and water | | | 2816 | -0.1 | -0.4 |
| 5 Chemicals | | | 1530 | 0.2 | -4.2 |
| 68 Base metals | | | 1878 | -1.0 | -8.1 |
| 7 Machinery and transport equipment | | | 1850 | 0.0 | 0.1 |
| 71 Machinery (other than electric) | | | 4132 | 0.0 | 0.7 |
| 72 Electric machinery, apparatus and appliances | | | 477 | 0.2 | 0.0 |
| 73 Transport equipment | | | 2299 | -0.1 | -0.3 |

Appendix table 18. Producer Price Index 2005=100, August 2016

| Commodity groups according to NACE-TOL 2008 | Index |
|--|-------|
| Total Index | 109.3 |
| B Mining and quarrying | 120.6 |
| C Manufacturing | 107.2 |
| C10 Manufacture of food products | 123.2 |
| C171 Manufacture of pulp, paper and paperboard | 107.1 |
| C172 Manufacture of articles of paper and paperboard | 113.9 |
| C20 Manufacture of chemicals and chemical products | 127.5 |
| C24 Manufacture of basic metals | 101.5 |
| C25 Manufacture of fabricated metal products, except machinery and equipment | 122.1 |
| C26 Manufacture of computer, electronic and optical products | 54.0 |
| C27 Manufacture of electrical equipment | 122.8 |
| C28 Manufacture of machinery and equipment n.e.c. | 116.8 |
| D35 Electricity, gas, steam and air conditioning supply | 148.5 |

Appendix table 19. Export Price Index 2005=100, August 2016

| Commodity groups according to NACE-TOL 2008 | Index |
|--|-------|
| Total Index | 96.2 |
| A Agriculture, Forestry and fishing | 136.7 |
| C Manufacturing | 95.7 |
| C10 Manufacture of food products | 121.6 |
| C171 Manufacture of pulp, paper and paperboard | 105.6 |
| C172 Manufacture of articles of paper and paperboard | 104.0 |
| C20 Manufacture of chemicals and chemical products | 117.3 |
| C24 Manufacture of basic metals | 97.1 |
| C25 Manufacture of fabricated metal products, except machinery and equipment | 112.4 |
| C27 Manufacture of electrical equipment | 123.3 |
| C28 Manufacture of machinery and equipment n.e.c. | 115.5 |

Appendix table 20. Import Price Index 2005=100, August 2016

| Commodity groups according to NACE-TOL 2008 | Index |
|--|-------|
| Total Index | 105.2 |
| A Agriculture, Forestry and fishing | 119.8 |
| B Mining and quarrying | 98.8 |
| C Manufacturing | 106.5 |
| C10 Manufacture of food products | 130.7 |
| C19 Manufacture of coke and refined petroleum products | 106.5 |
| C20 Manufacture of chemicals and chemical products | 115.3 |
| C24 Manufacture of basic metals | 112.2 |
| C25 Manufacture of fabricated metal products, except machinery and equipment | 120.1 |
| C26 Manufacture of computer, electronic and optical products | 66.0 |
| C27 Manufacture of electrical equipment | 113.8 |
| C28 Manufacture of machinery and equipment n.e.c. | 118.2 |

Appendix table 21. Basic Price Index for Domestic Supply 2005=100, August 2016

| Commodity groups according to NACE-TOL 2008 | Index |
|--|-------|
| Total Index | 118.0 |
| A Agriculture, Forestry and fishing | 117.3 |
| B Mining and quarrying | 104.1 |
| C Manufacturing | 114.1 |
| C10 Manufacture of food products | 125.0 |
| C171 Manufacture of pulp, paper and paperboard | 110.7 |
| C172 Manufacture of articles of paper and paperboard | 114.4 |
| C20 Manufacture of chemicals and chemical products | 125.1 |
| C24 Manufacture of basic metals | 110.4 |
| C25 Manufacture of fabricated metal products, except machinery and equipment | 124.0 |
| C26 Manufacture of computer, electronic and optical products | 70.5 |
| C27 Manufacture of electrical equipment | 116.1 |
| C28 Manufacture of machinery and equipment n.e.c. | 118.7 |
| D35 Electricity, gas, steam and air conditioning supply | 147.1 |

Appendix table 22. Wholesale Price Index 2005=100, August 2016

| Commodity groups according to NACE-TOL 2008 | Index |
|--|-------|
| Total Index | 121.4 |
| A Agriculture, Forestry and fishing | 116.4 |
| B Mining and quarrying | 123.5 |
| C Manufacturing | 116.8 |
| C10 Manufacture of food products | 124.0 |
| C171 Manufacture of pulp, paper and paperboard | 112.5 |
| C172 Manufacture of articles of paper and paperboard | 116.2 |
| C20 Manufacture of chemicals and chemical products | 127.1 |
| C24 Manufacture of basic metals | 112.2 |
| C25 Manufacture of fabricated metal products, except machinery and equipment | 126.0 |
| C26 Manufacture of computer, electronic and optical products | 71.7 |
| C27 Manufacture of electrical equipment | 118.0 |
| C28 Manufacture of machinery and equipment n.e.c. | 120.7 |
| D35 Electricity, gas, steam and air conditioning supply | 156.0 |

Appendix table 23. Producer Price Indices for Services 2010=100, 2nd quarter 2016

| Industry | Point figure | Quarterly change, % | Annual change, % |
|---|--------------|---------------------|------------------|
| TOTAL INDEX (TOL 2008) | 107.2 | 0.0 | 0.2 |
| H Transportation and storage | 103.8 | 0.0 | -1.8 |
| I Accommodation and food service activities | 117.8 | 0.3 | 6.0 |
| J Information and communication | 106.4 | -0.4 | 0.8 |
| L Real estate activities | 109.4 | 0.1 | -0.9 |
| M Professional, scientific and technical activities | 104.8 | 0.0 | 0.6 |
| N Administrative and support service activities | 115.5 | 0.2 | 1.3 |
| P Education | 113.5 | 0.0 | 2.9 |
| Q Human health and social work activities | 116.2 | 0.1 | 2.1 |
| R Arts, entertainment and recreation | 115.3 | 0.0 | 0.8 |
| S Other service activities | 113.0 | 0.3 | 0.7 |
| 49 Land transport and transport via pipelines | 104.1 | -0.2 | -3.0 |
| 4932 Taxi operation | 112.2 | 0.0 | 0.0 |
| 4941 Freight transport by road | 103.4 | -0.2 | -3.2 |
| 5020 Sea and coastal freight water transport | 99.8 | -0.2 | -8.7 |
| 52 Warehousing and support activities for transportation | 103.0 | -0.5 | 0.6 |
| 5210 Warehousing and storage | 108.3 | 0.0 | 3.4 |
| 5224 Cargo handling | 99.3 | -0.9 | -1.4 |
| 53 Postal and courier activities | 132.2 | 2.4 | 4.7 |
| 5310 Postal activities under universal service obligation | 136.9 | 2.8 | 5.8 |
| 5320 Other postal and courier activities | 108.6 | 0.0 | -1.7 |
| 5510 Hotels and similar accommodation | 116.5 | 1.3 | 14.9 |
| 56 Food and beverage service activities | 118.6 | -0.4 | 0.8 |
| 58 Publishing activities | 111.0 | 0.1 | 1.1 |
| 61 Telecommunications | 85.6 | -0.9 | 2.3 |
| 62 Computer programming, consultancy and related activities | 111.4 | -0.4 | 0.5 |
| 63 Information service activities | 106.1 | 0.1 | 0.4 |
| 6820 Renting and operating of own or leased real estate | 110.0 | 0.0 | -1.0 |
| 6820A Rents of office premises | 109.5 | 0.2 | 0.7 |
| 6820B Rents of business premises | 110.4 | -0.1 | -2.1 |
| 69 Legal and accounting activities | 112.4 | 0.7 | 1.0 |
| 6910 Legal activities | 110.2 | 0.5 | 1.2 |
| 6920 Accounting, bookkeeping and auditing activities; tax consultancy | 113.9 | 0.9 | 0.8 |
| 702 Management consultancy activities | 104.2 | 0.1 | 2.5 |
| 711 Architectural and engineering activities and related techn | 104.9 | -0.4 | -0.8 |
| 712 Technical testing and analysis | 101.1 | -0.6 | -0.7 |
| 73 Advertising and market research | 101.3 | 0.5 | 0.4 |
| 731 Advertising | 100.9 | 0.5 | 0.4 |
| 732 Market research and public opinion polling | 107.3 | 0.0 | 0.3 |
| 7732 Renting and leasing of construction and civil engineering m | 118.4 | 0.6 | 1.5 |
| 7820 Temporary employment agency activities | 110.2 | -0.1 | 1.7 |
| 8010 Private security activities | 119.3 | 0.2 | 0.5 |
| 81 Services to buildings and landscape activities | 115.9 | 0.1 | 1.0 |
| 811 Combined facilities support activities | 118.2 | 0.1 | 1.5 |
| 812 Cleaning activities | 113.6 | 0.1 | 0.6 |
| 85 Education | 113.5 | 0.0 | 2.9 |
| 86 Human health activities | 116.2 | 0.1 | 2.1 |
| 90 Creative, arts and entertainment activities | 119.8 | 0.0 | 2.9 |

| Industry | Point figure | Quarterly change, % | Annual change, % |
|--|--------------|---------------------|------------------|
| 93 Sports activities and amusement and recreation activities | 112.0 | 0.0 | -0.8 |
| 95 Repair of computers and personal and household goods | 116.9 | 0.0 | 1.4 |
| 96011 Washing and (dry-)cleaning of textile and fur products for | 107.6 | 0.8 | -0.3 |

Appendix table 24. Producer Price Index, international comparison

| | 2013–2014, % | 2014–2015, % | 6/2015–6/2016, % | 7/2015–7/2016, % |
|----------------|--------------|--------------|--------------------|--------------------|
| Finland | -1.0 | -1.9 | -3.4 | -3.8 |
| Sweden | 1.4 | 0.0 | -2.0 | -1.0 |
| Germany | -0.6 | -0.5 | -1.7 | -1.6 |
| France | -1.3 | -1.7 | -3.1 ¹⁾ | -3.1 ¹⁾ |
| United Kingdom | -7.4 | -6.6 | 0.9 | 4.0 |
| EU-15 | -1.9 | -2.3 | -2.5 | -2.0 ²⁾ |
| EU-28 | -1.8 | -2.3 | -2.5 | -2.0 ²⁾ |
| Euro area | -1.3 | -1.9 | -3.0 | -2.8 ²⁾ |
| United States | 0.8 | -5.1 | -2.9 ¹⁾ | -2.9 ¹⁾ |
| Japan | 1.2 | -2.4 | -5.7 | -5.5 |

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, % |
|--------|------------|--------------|----------------|------------------|
| 8/2016 | 270.0 | 5.68 | 103.4 | -1.7 |

Energy prices are published on Statistics Finland's website at
http://tilastokeskus.fi/til/ehi/index_en.html

The chaining coefficient of Wood Pellet Index 2005=100: 1.65310.

Appendix table 26. Basic Price Index for Domestic Supply 2000=100 (NACE-TOL 2002), August 2016

| Commodity groups according to NACE-TOL | Index |
|--|-------|
| E40 Electricity, gas, steam and hot water supply | 215.0 |

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.

The weight structures of Producer Price Indices were revised in the beginning of the year 2013 due to structural changes in the electrical and electronics industry. The 2010=100 index figures are calculated by chaining method onwards January's 2013 statistics.

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 asiakaspalvelu.publishing@edita.fi, tel. +358 20 450 05).

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 29 551 1000 / 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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Source: Producer Price Index 2016, August. Statistics Finland