

Producer Price Indices 2010=100

User's Handbook

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Appendix table 1. Weight structures for Producer Price Indices

1 Introduction

Statistics Finland revised its producer price indices at the beginning of 2012. The new base year of the indices is 2010.

New producer price indices 2010=100

Producer Price Index for Manufactured Products 2010=100

Export Price Index 2010=100

Import Price Index 2010=100

Basic Price Index for Domestic Supply 2010=100

Basic Price Index for Domestic Supply, Including Taxes 2010=100 (former Wholesale Price Index)

Key changes

The weight structures and the monitored commodity headings of the new indices have been revised to correspond with the structures of production, imports and exports in 2010. The weight structures are based on data from Statistics Finland's National Accounts and Statistics on Industrial Output, and on the foreign trade statistics of the Board of Customs.

The Basic Price Index for Domestic Supply, Including Taxes has replaced the Wholesale Price Index. The Basic Price Index for Domestic Supply, Including Taxes corresponds with the previous Wholesale Price Index. The Index now also covers industry category F Construction.

The release date of the producer price indices was altered. From now on, the indices will be released on the 24th day of the month or on the first weekday following it. The data for November will be released on the last weekday preceding 24 December.

2 Producer price indices as part of the system of statistics on prices

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

The statistics are classified by the national TOL2008 industrial classification that is based on the European Union's NACE Rev. 2 classification. The classification used at the product level, i.e. six-digit level, is the European Union's Statistical Classification of Products by Activity (CPA). Its first four levels are consistent with TOL2008 so the CPA product classification clarifies the TOL2008 classification. In addition, commodities are classified by their intended use into energy products, raw materials and producer's goods, investment goods, and durable and other consumer goods. The SITC (Standard International Trade Classification) is used in indices whose base year is 1949. In addition, the ISIC (International Standard Industrial Classification) is used in the Producer Price Index for Manufactured Products 1949=100.

Producer price indices are compiled on product basis. The indices describe development in the prices of goods and services in primary and secondary production. The main industry of the enterprise producing the goods and services has no significance. If an enterprise also produces other services than industrial

services, its other services do not come under the scope of description of the producer price indices. On the other hand, an enterprise that mainly produces services may also produce goods, in which case its goods production does come under the scope of description of the producer price indices.

2.1 Descriptions of the producer price indices

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 for goods intended for the domestic market is the so-called factory price exclusive of taxes. The price for export goods is the price obtained by the exporter, which is usually the same as the fob¹ (free on board) price. The Producer Price Index for Manufactured Products covers TOL2008 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 fob 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 TOL2008 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 cif² prices of imported goods. Cif prices are inclusive of cost, 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 Export Price Index covers TOL2008 categories 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.³ 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 cif price of the imports plus customs duties. The Basic Price Index for Domestic Supply covers TOL2008 categories 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 (former Wholesale Price Index) corresponds with the Basic Price Index for Domestic Supply, but shows changes in the value added tax, excise duties and motor vehicle taxes. The index includes both domestic and imported goods. The index includes the value added tax as well as other indirect taxes. Besides the value added tax, indirect taxes comprise diverse excise duties, and the motor vehicle tax. The price for domestic goods comprises the

¹ fob = free on board. Value of goods at basic price inclusive of transport and delivery to a named border location and possible taxes on export goods less subsidies.

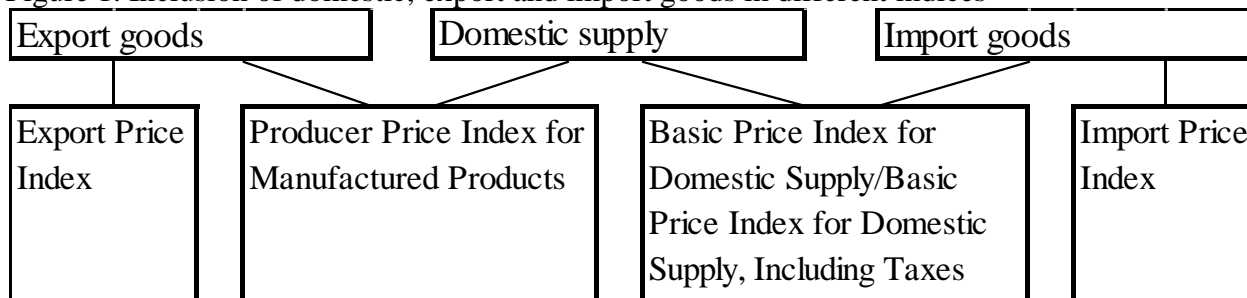
² cif = cost, insurance and freight. The vendor delivers the goods when the goods are taken on board the vessel at the designated loading harbour. The vendor pays the sea freight fare up to the agreed destination harbour and takes, in the name of the purchaser, sea insurance to guard against risks during transport.

³ As the index measures the tax-free price development of total domestic supply at the stage when products leave the producers and enter the market, and correspondingly as products arrive in the country after customs, it is more accurate to talk of the basic price of a product than of the producer price.

factory price, value added tax and other indirect taxes. The price for imported goods, in turn, comprises the cif price of the imports, customs duties, value added tax and other indirect taxes. The Basic Price Index for Domestic Supply, Including Taxes covers TOL2008 categories A-F, that is, commodities ranging from agricultural products to construction.

Figure 1 shows the inclusion of domestic, export and import goods in the different indices.

Figure 1. Inclusion of domestic, export and import goods in different indices

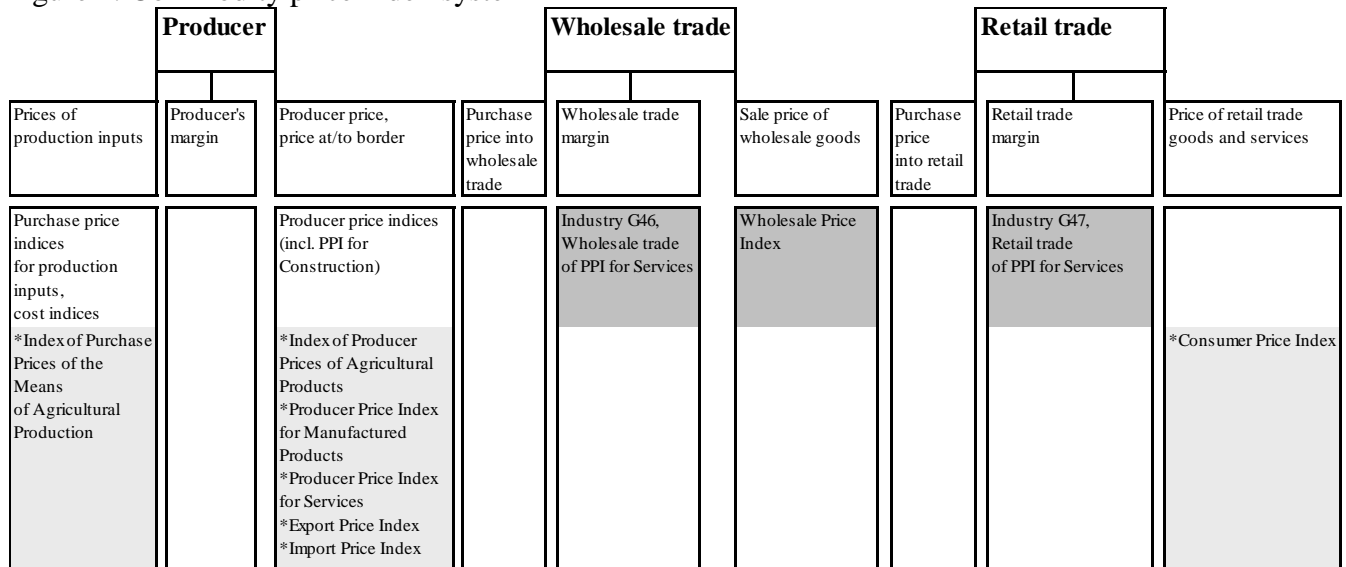


2.2 Commodity price index system

The price indices concerning commodities compiled by Statistics Finland can be described as a system whose aim is to measure the development of prices at different stages of production and distribution. Producer price indices describe the price development at the early stage of price formation as products leave their producers or enter the country. The price index for wholesale goods would locate in the second stage of distribution. Statistics Finland does not compile a price index for wholesale goods (the Wholesale Price Indices compiled with old base years described the prices for purchasers into the wholesale trade; the shares of transport costs in product prices were assumed to remain unchanged). Wholesale and retail trade margins come under the scope of description of the Producer Price Indices for Services. Statistics Finland does not compile price indices for trade margins. In the industrial classification, they mainly come under categories 46, Wholesale trade and 47, Retail trade; Wholesale and retail trade of motor vehicles is differentiated as category 45. Development in the prices of consumption goods and services at the end use stage is measured by the Consumer Price Index.

Figure 2 describes the commodity price index system and the indices associated with each step of the system. The indices on light grey background marked with an asterisk (*) are produced by Statistics Finland. For the time being price indices are not produced for wholesale goods or trade margins.

Figure 2. Commodity price index system



3 Sampling for producer price indices

The calculation of producer price indices is based on a sample. The CPA product categories are selected first and a sample of enterprises is then drawn for each CPA product category. The price data used to calculate the index are collected from the enterprises included in the sample. This price index is considered to be descriptive of the average development in the prices of all commodities included in the population. The samples of CPA product categories and enterprise data suppliers of the producer price indices are usually reviewed at five-year intervals to maintain the timeliness of the indices. However, minor updates are made continuously to the sample of enterprises due to changes in enterprises' activities: if an enterprise included in the sample no longer produces, exports or imports products belonging to a certain CPA category, a new enterprise is selected in its place.

3.1 Construction of sample frames

The frames of CPA product categories for the producer price indices are built by using the supply and use tables of National Accounts and the foreign trade statistics of the Board of Customs. The frames contain the values of production produced in Finland, and exports and imports by product category. The import and export data of the supply and use tables also include transit exports via Finland. Transit exports are deducted from exports, so the figure that remains is the value of exports produced in Finland only. Transit exports are correspondingly deducted from imports so the figure that remains is the value of imports remaining in Finland only. The value of production staying on the domestic market is obtained by deducting exports from the value of domestic supply.

The frames of the data supplier sample are formed by using data from statistics on industrial output and from the foreign trade statistics of the Board of Customs. The enterprise sample frames for exports and imports are formed by using data from the foreign trade statistics of the Board of Customs. The enterprise frame for production that remains on the domestic market is formed by using heading-specific data on enterprises from statistics on industrial output. Data on the enterprises' exports by commodity heading are deducted from the values whereby the remaining figure describes the domestic supply.

To reduce small enterprises' data supply burden, enterprises whose exports, imports or domestic supply has a value of less than EUR 200,000 are removed from the enterprise frame. In addition, enterprises

are removed for specific product categories if the value of their exports, imports or domestic supply for those product categories is less than EUR 20,000.

3.2 Selection of CPA product categories

One of the most important functions of producer price indices is to serve as deflators. Producer price indices are used to deflate the value of production in, for instance, National Accounts calculations. From the deflator perspective it is important that a price index is also compiled for all CPA product categories for which domestic supply/exports/imports is high.

The emphasis on the use of the indices as deflators affects the selection of product categories for producer price indices. In the past, some of the product categories were selected by random sampling. This time, the idea of the cut-off method was used in the heading selection, i.e. the CPA product categories for which the value of domestic supply/exports/imports was the highest were selected for the price indices. In the 2010=100 base year review, the sample of the CPA product categories was supplemented by the inclusion of missing headings with the highest values. However, this was not a pure cut-off method in which all units beyond a certain threshold value would be included. Occasionally, a product category that should in fact be included in the sample may be missing and, on the other hand, product categories that do not exceed the threshold value may be included. Table 1 describes the coverage of the value of the included CPA product categories of the total value of domestic supply/exports/imports.

Table 1. Coverage of total value of product categories included in producer price indices

Statistics	Coverage of included CPA product categories of total value
Producer Price Index for Manufactured Products	88%
Export Price Index	91%
Import Price Index	84%
Basic Price Index for Domestic Supply/Basic Price Index for Domestic Supply, Including Taxes	88%

3.3. Data supplier sample and selection of products for price monitoring

The enterprise sample was drawn by stratified sampling. The basis for the stratification was the value of the enterprise's domestic supply/exports/imports. Simple random sampling was used within the strata. However, dominant⁴ enterprises for each heading were selected to the sample with a probability of one. The number of enterprises selected for each heading depended on the number of enterprises under the heading.⁵ Table 2 shows the stratification used in the sampling of the producer prices indices and the numbers of enterprises selected from the strata.

⁴ The value of an enterprise's imports, exports or domestic supply exceeded 50% of the corresponding value for the entire heading or two enterprises together represented over 80% of the value of the entire heading.

⁵ The number of selected enterprises could additionally be proportioned to the variance of price development for the products included in each CPA heading. However, this was not done in this sampling, as the variance of price development could not be calculated. The cost of data collection could also be taken into consideration in determining the optimum sample size, but it is almost the same irrespective of heading.

Table 2. Stratification of producer price indices' sample and numbers of selected enterprises

Group	Case	Strata	Selected enterprises per stratum
1	1-3 enterprises	1	All
2	1 dominant (>50% of value of heading)	2 (dominant/others)	1/2
3	2 dominant (>80%)	2 (two dominant/others)	2/2
4	4-10 enterprises	2 (large/small)	2/2
5	Enterprises >10	3 (large/medium/small)	2/2/2

The products belonging to a CPA product category included in the actual price monitoring were selected in co-operation with the data suppliers. The objective was that the monitored product would be as representative as possible and its price could be monitored as well as possible. The selection criteria for products were:

- The proportion of the product of the enterprise's domestic supply, exports or imports in the product category concerned is significant.
- The product reflects as well as possible the average price development for other products of similar type.
- The price of the product for a certain unit (e.g. number, litre, kilogram) and quality can be quoted regularly each month (or less frequently). Quality is defined by e.g. a trademark, product code or other such quality identifier. The price must be comparable between statistical reference months.

Table 3 gives the numbers of the data suppliers, CPA product categories and price data for the producer price indices.

Table 3. Number of data suppliers, headings and price data for producer price indices

Index	No. of data suppliers	No. of headings	No. of price data
Producer Price Index for Manufactured Products	960	600	2,690
Export Price Index	440	350	990
Import Price Index	910	600	2,400
Basic Price Index for Domestic Supply/Basic Price Index for Domestic Supply, Including Taxes	1,580	850	4,150

4 Weight structures

The overall index of the Producer Price Index for Manufactured Products describes the average development in the prices of the headings included in the index. The individual products whose prices are monitored, or variants, reported by an enterprise do not have their own weights but the enterprise-specific CPA product category indices, or micro indices, are calculated as the geometric average of the price ratios (=current price/price at base period) of the products belonging to that category. The micro indices are combined into an overall index with a weight coefficient corresponding to each product category and enterprise. In other words, changes in the price ratios of individual commodities have different-sized effects on the overall index. At the 4-digit level of the TOL2008 industrial classification, the producer price indices are Laspeyres indices. Below the 4-digit level, the weights can be revised as necessary and new commodities or data suppliers included in the index.

The values of domestic production, imports and exports for the forming of the weights were obtained from the supply and use tables of National Accounts and from the foreign trade statistics of the Board of Customs. The latest data from the supply and use tables of National Accounts concerned the year 2008. For domestic supply and exports, these were raised by using the data on 2010 that were available from National Accounts. Thus, the data describing value in the indices are from 2010 but the detailed commodity structures are based on data concerning 2008. The weight structure for imports was formed by using 2010 statistics on foreign trade.

The forming of weights was started by deducting transit exports from the values of imports and exports, and exports from domestic values. This yielded for imports the value of imports remaining in Finland, for export the value of exports of goods produced in Finland only and for domestic supply the value of production remaining in Finland.

The value of the production/exports/imports of small CPA product categories excluded from the sample was also taken into account in the forming of the weight structures. So-called rolling of representative values was used in the calculating of the weights. The rolling of representative values means that the CPA product categories included in the index get their value weight based on the gross value of the entire industry so that the product categories included from an industry share the gross value of that entire industry. Thus, through their weight structure, the CPA product categories included in the index also represent those product categories in their industry that are not included in the index. Table 4 shows the weight structures of the producer price indices at the 2-digit level. Table 5 shows the weight structures at a less detailed classification level where the weights have been summed up to industry-specific aggregates.

Table 4. Weight structures of producer price indices at 2-digit level

Industry	Name	PPI for Manuf. Products	Export PI	Import PI	Basic PI for Dom. Supply	Basic PI for Dom Supply, Inc. Taxes
TOTAL	TOTAL INDEX	1000.0	1000.0	1000.0	1000.0	1000.0
A	AGRICULTURE, FORESTRY AND FISHING		5.9	27.3	64.0	59.5
A01	Crop and animal production, hunting and related service activities		4.9	17.4	32.4	29.0
A02	Forestry and logging		1.0	7.1	29.5	28.6
A03	Fishing and aquaculture		0.0	2.8	2.1	1.9
B	MINING AND QUARRYING	17.0	2.7	171.9	70.3	68.6
B05	Mining of coal and lignite	0.0	0.0	11.3	3.8	4.0
B06	Extraction of crude petroleum and natural gas	0.0	0.0	122.3	41.5	40.4
B07	Mining of metal ores	4.3	0.6	33.8	14.6	14.1
B08	Other mining and quarrying	12.7	2.1	4.5	10.4	10.1
C	MANUFACTURING	886.2	982.7	762.3	593.8	605.2
C10	Manufacture of food products	79.0	21.0	51.2	70.2	63.1
C11	Manufacture of beverages	10.6	3.4	7.7	9.5	17.4
C12	Manufacture of tobacco products	0.0	0.0	2.5	0.9	5.3
C13	Manufacture of textiles	5.5	6.3	10.9	5.7	5.6
C14	Manufacture of wearing apparel	2.9	4.1	26.5	10.0	9.7
C15	Manufacture of leather and related products	1.7	2.5	8.1	3.2	3.1
C16	Manufacture of wood and of products of wood and cork, except f	52.0	42.9	11.9	28.7	27.8
C17	Manufacture of paper and paper products	115.6	170.4	17.0	34.9	33.8
C18	Printing and reproduction of recorded media	11.9	4.2	0.3	7.7	7.4
C19	Manufacture of coke and refined petroleum products	69.8	73.8	47.4	43.7	60.6
C20	Manufacture of chemicals and chemical products	63.9	74.5	80.3	50.2	48.7
C21	Manufacture of basic pharmaceutical products and pharmaceutica	11.5	17.4	33.6	14.1	12.2
C22	Manufacture of rubber and plastic products	25.7	24.1	26.7	20.3	19.7
C23	Manufacture of other non-metallic mineral products	22.4	11.9	12.4	17.1	16.5
C24	Manufacture of basic metals	83.2	122.8	65.0	43.0	41.6
C25	Manufacture of fabricated metal products, except machinery and e	60.4	23.5	26.5	46.7	45.3
C26	Manufacture of computer, electronic and optical products	55.0	107.1	97.1	37.9	36.7
C27	Manufacture of electrical equipment	43.6	72.0	50.0	25.4	24.6
C28	Manufacture of machinery and equipment n.e.c.	94.6	143.3	84.4	51.1	49.6
C29	Manufacture of motor vehicles, trailers and semi-trailers	14.1	23.2	61.3	23.6	28.0
C30	Manufacture of other transport equipment	13.5	22.9	15.6	7.7	7.6
C31	Manufacture of furniture	9.5	3.3	8.6	9.0	8.8
C32	Other manufacturing	6.2	7.9	17.1	7.8	7.6
C33	Repair and installation of machinery and equipment	33.4	0.0	0.0	25.3	24.6
D	ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPL	78.3	4.0	14.2	62.8	64.1
D35	Electricity, gas, steam and air conditioning supply	78.3	4.0	14.2	62.8	64.1
E	WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT AND	18.5	4.7	24.4	20.7	20.1
E36	Water collection, treatment and supply	5.0	0.0	0.0	3.8	3.7
E38	Waste collection, treatment and disposal activities; materials reco	13.5	4.7	24.4	16.9	16.4
F	CONSTRUCTION				188.4	182.6
F41	Construction of buildings				142.9	138.5
F42	Civil engineering				45.5	44.1

Table 5. Weight structures of producer price indices at less detailed classification level

Industry	Name	PPI for Manuf. Products	Export PI	Import PI	Basic PI for Dom. Supply	Basic PI for Dom Supply, Inc. Taxes
TOTAL	TOTAL INDEX	1000.0	1000.0	1000.0	1000.0	1000.0
A	AGRICULTURE, FORESTRY AND FISHING		5.9	27.3	64.0	59.5
B	MINING AND QUARRYING	17.0	2.7	171.9	70.3	68.6
C	MANUFACTURING	886.2	982.7	762.3	593.8	605.2
C10-C11	Food industry	89.6	24.4	58.9	79.7	80.5
C12	Manufacture of tobacco products	0.0	0.0	2.5	0.9	5.3
C13-C15	Textile, clothing and leather industry	10.1	12.9	45.5	18.9	18.4
C16-C17	Forest industry	167.6	213.3	28.9	63.6	61.6
C18	Printing and reproduction of recorded media	11.9	4.2	0.3	7.7	7.4
C19-C22	Chemical industry	170.9	189.8	188.0	128.3	141.2
C23	Manufacture of other non-metallic mineral products	22.4	11.9	12.4	17.1	16.5
C24-C30, C33	Metal industry	397.8	514.8	399.9	260.7	258.0
C26-C27	Electrical and electronics industry	98.6	179.1	147.1	63.3	61.3
C31	Manufacture of furniture	9.5	3.3	8.6	9.0	8.8
C32	Other manufacturing	6.2	7.9	17.1	7.8	7.6
D	ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	78.3	4.0	14.2	62.8	64.1
E	WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES	18.5	4.7	24.4	20.7	20.1
F	CONSTRUCTION				188.4	182.6

Weights at the enterprise level were formed after the rolling of representative values. The enterprise weights are based on the stratification used in the sampling and they were formed as follows:

- If the product category included dominant enterprises⁶, they were assigned the proportion their own domestic supply/imports/exports represented of the total value of the product category. The remainder of the value of the product category was distributed evenly among the other enterprises.
- If there were no dominant enterprises in the product category, a certain proportion of the total value of the product category was distributed evenly among the enterprises in each stratum. Large enterprises shared a bigger proportion and small enterprises a smaller proportion of the total value of the product category.

Table 6 describes the distribution of enterprise weights in the strata.

Table 6. Distribution of enterprise level weights in producer price indices

Group	Strata	Distribution of weights
1	1 (1-3 dominant enterprises)	Own weight
2	2 (one dominant/others)	Own weight/even distribution
3	2 (two dominant/others)	Own weight/even distribution
4	2 (large/small)	65/35
5	3 (large/medium/small)	65/25/10

⁶ The value of an enterprise's imports, exports or domestic supply exceeded 50% of the corresponding value for the entire heading or two enterprises together represented over 80% of the value of the entire heading.

5 Collection of price data

As a rule, the price data for the producer price indices are collected direct from enterprises. The majority of the data are collected with a web-based collection system or by email. In addition to the data collected direct from enterprises, price data or point figures from other statistics of Statistics Finland are also used in calculating the producer price indices. These statistics include e.g. the Index of Producer Prices of Agricultural Products, the Building Cost Index, the Cost Index of Civil Engineering Works and the Volume Index of Newbuilding. The data of the Index of Producer Prices of Agricultural Products are used in the monitoring of vegetable prices. The data of the Building Cost Index are used to monitor the prices of certain building products. The Cost Index of Civil Engineering Works and the implicit price index derived from the Volume Index of Newbuilding are used to monitor prices in construction.

The development in the prices of certain raw material headings in imports and exports is measured with the import and export unit value prices obtained from the foreign trade statistics of the Board of Customs. Unit values are used to measure development in the prices of homogeneous product groups only⁷, such as timber and cereals, and changes in the prices of imported and exported electricity.

Apart from the data from the Board of Customs, data on timber prices from the Finnish Forest Research Institute and data on district heating prices from Finnish Energy Industries are used in the producer price indices.

The price data collected from enterprises are average prices weighted by sales volume for the product in question in the month of the inquiry. If an average price cannot be determined, the price data notation may also be the price for delivery/invoicing/payment on the 15th day of the month.

Producer price indices are monthly statistics, which means that as a rule all prices are collected every month. However, some price data are collected less often due to practical reasons. The share of price data collected less often than quarterly of all price data is roughly one quarter.

Export and import prices are generally collected as currency prices. The conversion to euro is performed at Statistics Finland using the monthly mean rates per currency published by the Bank of Finland.

The monthly response rate of the price data inquiry ranges from 95 to 98 per cent. The non-response rate is kept low by actively reminding the respondents to supply the requested data.

5.1 Changes in quality

Producer price indices are “pure” price indices, which are not affected by changes in the quality of the products. Efforts are made to eliminate from the index price changes that are caused by changes in quality. Both the physical and financial (such and terms on financing, guarantee, whether product is sold to a wholesaler or retailer, etc.) characteristics of a product must remain unchanged. In practice, product characteristics change continuously. Qualitative changes and their treatment are among the main challenges in index calculations. In producer price indices, changes in quality are controlled for

⁷ The change of the unit value index corresponds to a pure change in prices only when the unit value has been calculated from a homogeneous group or, in the case of a heterogeneous group, if the sales volumes and quality of products in the group have stayed unchanged for two periods. For example, the unit value index is not suitable for monitoring price changes for mobile phones, as it is possible that more basic phones were sold in one month, whereas in another month the sales volumes of higher-quality phones were higher. This would change the unit value even if there were no change in the prices.

with several methods to make sure that the best possible method for measuring price change is always used.

Efforts are first made to collect an **overlapping price observation** for the changed product. In practice, this means that as the product changes the price for the preceding month is collected in addition to the price for the reference month. This allows the real change in price to be calculated and the price history stays unbroken despite the change in the monitored product. If overlapping price observations cannot be obtained, **expert assessment** is used. In these cases, the data supplier is asked to assess which proportion of the price change is a genuine change in price and which proportion is due to the change in the quality of the product. The expert assessment is based on the idea that the data supplier enterprise is best equipped to estimate the price development of its own products. If neither an overlapping price observation nor an expert opinion can be obtained, the price development of the product is **imputed** with the average change in the prices of other products belonging to the same commodity group. The imputation is based on the assumption that the prices of products in the same commodity group develop in roughly the same way.

If none of the above methods can be used, discretionary use of the following methods is possible:

- The quality of the changed product is assumed to be the same as that of the earlier product. In this case, the price change is allowed in the index as such.
- The price change is assumed to derive entirely from a change in quality, in which case the index does not change as the product changes.

Methodologies to control for changes in quality are constantly being developed and international guidelines and recommendations are taken into account when applying different methods.

5.2 Commodities with seasonal variation

Commodities with seasonal variation are commodities whose price reacts strongly to different seasons or which are available only during limited time periods. Commodities with seasonal variation include e.g. fresh fruit and vegetables as well as winter and summer clothing. In producer price indices, commodities with seasonal variation are treated with a method in which prices are recorded only in the months during which the commodity is typically used while the latest recorded price is used in other months.

6 Compilation of indices

6.1 Calculation method

The overall indices of the Producer Price Indices for Manufactured Products describe the average development in the prices of the product categories included in the index and; as sample-based statistics, this is considered to describe price development in the whole population. Geometric averages for the CPA product categories of each enterprise are calculated with 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 4-digit level of the TOL 2008 industrial classification, the producer price indices are Laspeyres indices. Below the 4-digit level, the weights can be revised as necessary and new commodities or data suppliers included in the index.

The index for point in time t is calculated with the formula:

$$I_t = \sum \frac{P_{(0)i} Q_{(0)i}}{\sum P_{(0)i} Q_{(0)i}} * \frac{P_{(t)i}}{P_{(0)i}}$$

in which

$P_{(t)i}$ = price of commodity i at point in time t

$P_{(0)i}$ = basic price of commodity i, that is, average price at base year

$P_{(0)i} Q_{(0)i}$ = value of commodity i at base year (price*volume)

$\sum P_{(0)i} Q_{(0)i}$ = sum of values of commodities

Example. Let us calculate a price index for a product category with two data supplier enterprises. Take January 2010 as the base period and February 2012 as the inquiry month. At the base period, the index point figure is 100. Both enterprises supply price data on three products in the product category.

Enterprise 1

Product A price in February 2012: EUR 35

Product A price in January 2010: EUR 42

Product B price in February 2012: EUR 14

Product B price in January 2010: EUR 11

Product C price in February 2012: EUR 53

Product C price in January 2010: EUR 60

Enterprise 2

Product D price in February 2012: EUR 67

Product D price in January 2010: EUR 62

Product E price in February 2012: EUR 52

Product E price in January 2010: EUR 62

Product F price in February 2012: EUR 43

Product F price in January 2010: EUR 45

Let the total value of the product category be EUR 1,000,000 of which enterprise 1 accounts for EUR 300,000 and enterprise 2 for the remaining EUR 700,000.

First, the geometric averages of price ratios are calculated for both enterprises for their products:

Enterprise 1

$$g_1 = \left(\frac{35}{42} \times \frac{14}{11} \times \frac{53}{60} \right)^{\frac{1}{3}} = 0.978497$$

Enterprise 2

$$g_2 = \left(\frac{67}{62} \times \frac{52}{62} \times \frac{43}{45} \right)^{\frac{1}{3}} = 0.953199$$

From which we obtain the price index:

When this is multiplied by 100, we obtain a point figure of 96.1 for the February 2012 price index of the product category. This means that the prices of the product category concerned have fallen by an average of 3.9 per cent during the examined period.

6.2 Compilation of indices with old base years

Producer price indices with old base years are not calculated genuinely but they are chained with the new 2010=100 indices by using a coefficient calculated from December 2011 index point figures. From the point of time of the chaining onwards, monthly changes in the new and old indices are the same and annual changes are also identical from December 2012 onwards (due to the calculation method, there may be an occasional up or downward deviation of a tenth in the decimal). The chaining of a certain series of the old index is performed with the corresponding series of the new index. Statistics Finland calculates the coefficients with figures truncated to two decimal places. The coefficients include five decimal places.

The rule in the compilation of these statistics with old base years is that Statistics Finland always compiles and publishes them with the previous base year and with base year 1949=100. Now that indices with base year 2010=100 are being produced, they are also published with base years 2005=100 and 1949=100. However, only the total series of the series with the previous base year is chained (for instance, the Basic Price Index for Domestic Supply covers both goods produced at home and imported goods, which together form the total - only this total series is chained).

Table 7. Chaining coefficients of old overall indices

	1949=100	1975=100	1980=100	1985=100	1990=100	1995=100	2000=100	2005=100
PPI for Manufactured Products / Production Price Index	18.4351	3.07129	1.94623	1.41588	1.27976	-	1.05261	1.08302
PPI for Manufactured Products, domestic goods	-	-	-	-	-	1.30217	-	-
Basic Price Index for Domestic Supply	-	3.38286	2.0855	1.52088	1.37669	1.28857	1.18269	1.14269
Export Price Index	16.3257	2.49394	1.66932	1.26971	1.17548	0.97721	0.90403	0.9824
Import Price Index	14.9241	3.06179	1.74533	1.39646	1.5021	1.23581	1.11131	1.09181
Wholesale Price index	20.1164	-	2.15995	1.55259	1.40808	1.27088	1.15579	1.13747

Example 1. Let us study the point figure for domestic supply for industry "C Manufacturing" in the Basic Price Index for Domestic Supply 2005=100. As of 2012, Statistics Finland no longer calculates the point figure in question but it can be formed by chaining.

The chaining coefficient is formed with the point figures for December 2011 (latest point in time before publishing of indices with base year 2010=100 was started). The point figure for domestic supply for industry "C Manufacturing" in the Basic Price Index or Domestic Supply 2005=100 is 124.0. The point figure for domestic supply for industry "C Manufacturing" in the Basic Price Index for Domestic Supply 2010=100 is 106.4. Therefore, the chaining coefficient is obtained as $(124.0/106.4)$.

Starting from the January 2012 statistics, the 2005=100 point figures are formed with the 2010=100 point figures and a chaining coefficient. The chaining coefficient remains unchanged from one month to the next. In January 2012, the point figure for domestic supply for industry "C Manufacturing" in the Basic Price Index for Domestic Supply 2010=100 is 107.2. When this is multiplied by the chaining coefficient $(124.0/106.4)$, we receive the 2005=100 point figure for January 2012, which is 124.9. Correspondingly, the point figure obtained for April 2012, for instance, is $109.4 \cdot (124.0/106.4) = 127.5$.

Example 2. Let us study industry "DJ26 Manufacture of basic metals and fabricated metal products" in the 2000=100 Wholesale Price Index. Industrial classification TOL2002 was used in the 2000=100 statistics whereas the 2010=100 statistics are compiled by the TOL2008 industrial classification. Industry "C24 Manufacture of basic metals" in the new classification corresponds with category DJ27. In addi-

tion, the Wholesale Price Index has been replaced in the 2010=100 statistics by the Basic Price Index for Domestic Supply, Including Taxes.

The chaining coefficient is formed from the point figures for December 2011. The point figure for industry "DJ27 Manufacture of basic metals and fabricated metal products" in the 2000=100 Wholesale Price Index is 146.6 and the point figure for industry "C24 Manufacture of basic metals" in the 2010=100 Basic Price Index for Domestic Supply, Including Taxes is 105.3. The chaining coefficient is $(146.6/105.3)$.

We want to know what the February 2012 point figure for industry DJ27 is in the 2000=100 Wholesale Price Index. The point figure for February 2012 for industry C24 in the 2010=100 Basic Price Index for Domestic Supply, Including Taxes is 105.9. Therefore, the point figure for February 2012 for industry DJ27 in the 2000=100 Wholesale Price Index is $(146.6/105.3)*105.9=147.4$.

Where possible the users can start using the 2010=100 point figures, meaning that chaining is not needed.

6.3 Possible sources of error in producer price indices

Producer price indices use the Laspeyres index formula. Scientific literature on indices often refers to the substitution bias that the Laspeyres index formula may create. The direction of the bias depends on the target of measurement. In the case of the producer price index, substitution bias may arise because (when maximising their profits) enterprises react to changes in relative prices by changing their production volumes. For example, if the price of light fuel oil rises relative to petrol, an enterprise engaged in the oil industry can produce more light fuel oil. Then an index calculated with the Laspeyres formula underestimates price development from the enterprises' perspective⁸. The significance of the substitution bias depends on the scale at which individual enterprises are able to redirect their production when relative prices change.

Producer price indices may contain bias resulting from the entry of new products on the market. When speaking of new products reference is often made to electrical products whose production and sales can grow quite rapidly in the course of a five-year time span. If the change is vigorous, the index may not describe sufficiently accurately the average development in the prices of the commodities produced in the economy. However, in practice the bias caused by new products is not very significant, because below the 4-digit level of the industrial classification a new commodity can be added to the index price monitoring if its production and sales volumes have increased significantly.

The objective of producer price indices is to describe pure price development, which is why changes in the quality of products must be taken into consideration in their calculations. The problem of quality change is usually encountered either when a data supplier reports that a variant on which data are collected is no longer produced, imported or exported, or that changes have been made to the variant concerned. Changes in quality may cause error in the index as the defining of a pure price change can be difficult and, conversely, the proportion of a price change that is due to changed quality is difficult to estimate and eliminate from calculations. If, as a product changes, we assume that the entire price change is due to a change in quality, we may disregard genuine changes in price, whereby the index does not change at all for the commodity in question. If, then again, we assume that the entire price change is due to a genuine change in price, we may disregard changed quality and the index changes too much. The methods used in producer price indices to control for changes in quality are described in Section 5.1.

⁸ In the Consumer Price Index the possible substitution bias is exactly the opposite as consumers shift their consumption to commodities that become relatively cheaper.

The calculation of producer price indices is based on a sample. Sampling error is always associated with sampling. Sampling error can be measured with standard error. Confidence intervals have not been estimated for producer price indices.

Other factors that have a bearing on the precision of the index are accuracy of the data on which the sampling frame and weight structure are based, possible errors in the processing of individual data items, and non-response. The monthly non-response rate ranges from 2 to 5 per cent in producer price indices.

7 European producer price indices

Regulations 1165/1998 and 1158/2005 of the European Union define at what level and with which price concepts Finland must supply data to Eurostat, the Statistical Office of the European Communities. The Regulations can be found from the European Union legislation database by entering the number and year of the Regulation as the search criteria.

The producer price indices published in Finland differ in some respects from the harmonised series supplied to Eurostat: the indices delivered to Eurostat include only industries B-E36 for domestic supply and exports, and industries B-D for imports (TOL2008).

International data on producer price indices compiled in different countries can be found from the following sources, among others:

- Eurostat compiles a producer price index, which measures the price development of goods produced in the EU area. EU index data are published on Eurostat's website in the "Short-term business statistics" section under the theme of "Industry, trade and services".
- The IMF has produced a producer price index manual, which is available at <http://www.imf.org/external/np/sta/tegeppi/index.htm>.
- IMF manual concerning export and import prices can be found at <http://www.imf.org/external/np/sta/tegeipi/>
- Eurostat's manual on price and volume calculations for National Accounts is available at http://www.euklems.net/pub/eurostat_handbook_on_volumes_&_prices.pdf

International index data contained in publications and databases are available from the Library of Statistics at Statistics Finland.

8 Producer price index publications and other information service

Producer price indices are published monthly on the 24th day of the month following the statistical reference month or on the first weekday following it. The data for November are released on the last weekday preceding 24 December. A short release on the latest figures is published on the home page of the statistics (<http://tilastokeskus.fi/til/thi/index.html>).

The published producer price index point figures are available in Statistics Finland's StatFin database service. The service is free of charge and located under Tables/Database tables on the web page of producer price indices. Time series from the new 2010=100 indices are available starting from index data for January 1995 (however, for 1995 to 2009 only at the 2-digit level and without the division of the Producer Price Index for Manufactured Products into domestic and export goods and the division of the Basic Price Index for Domestic Supply and the Basic Price Index for Domestic Supply, Including

Taxes into domestic and imported goods). As regards old indices, 2005=100 series are producer for the time being, without the division of the Producer Price Index for Manufactured Products into domestic and export goods and the division of the Basic Price Index for Domestic Supply and the Basic Price Index for Domestic Supply, Including Taxes into domestic and imported goods. All publishable point figures are produced from the 1949=100 series.

A monthly publication is produced of the producer price indices, which can be downloaded free in pdf format from the Available products and services link on the web page of producer price indices. For the time being, the publication can also be ordered as a charged paper version.

9 Customer-specific indices

A customer-specific index can be compiled for groups of goods that are not included in Statistics Finland's regular index production or classification. Such indices can be produced from all price indices and data from Statistics Finland's other statistics can be combined with them.

A customer-specific index can be compiled either for an industry or for a product category. It is calculated from the price data used in regular index production. Thus, customer-specific indices can only include industries and product categories that are included in the regular indices. By contrast, as regards the weights for the included industries and product categories, the customer can either use the index weights or give them their own value weights. The weights for the CPA product categories of the indices are given in the Appendix to this Handbook.

A customer-specific index is formed in the following way:

- Select the index that is best suited for the customer.
- Select the industries and/or product categories that are of interest to the customer.
- Select either the value weights of the index or the customer's own value weights.

The compilation of customer-specific indices is subject to the same data protection rules as other published point figures. Customer-specific indices cannot be produced for industries in which the price development of an individual enterprise can be deduced from the development of the index.

10 Usages of producer price indices

Producer price indices have the following usages, among others:

- One of the key usages of producer price indices is to function as a deflator in National Accounts calculations for converting the value of production or sales to the volume of production or sales.
- Producer price indices can be used for describing short-term inflationary pressures on various sectors of the economy. Especially central banks and government ministries utilise producer price indices for this purpose. Many enterprises, such as investment banks, can also exploit the data in their macroeconomic forecasting models.
- Producer price indices can 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. Indexing is a means of seeking protection against inflationary risks. In practice an index clause is generally used in long-term agreements in which the period of time between the placing of an order and the delivery of goods is relatively long. Limitations on the use of an index clause are laid down in the Act on the Restriction of the Use of Index Clauses.

- Enterprises can use the data of the producer price indices when comparing the price development of their purchases or sales with the average development.
- Data from producer price indices can be combined with other data on business trends, such as those of the Volume Index of Industrial Output in order to analyse business trends more closely.

11 Calculating with indices

11.1 Change coefficients for value of money

Change coefficients for value of money provide answers to the following questions:

- How much would an amount of money in a previous year be at current value?
- How much would an amount of money at current value be at the value of a previous year?

Change coefficients for value of money are formed from index series. The purpose of use of the coefficient determines which index the coefficient will be calculated from. Usually the coefficient for value of money is calculated from the Cost-of-living Index, but if the change in the value of money is monitored from the perspective of an enterprise's production, e.g. to ascertain the value of tin plate production in today's money, it is advisable to use coefficients calculated from the Producer Price Index for Manufactured Products. If, then again, the change in the value of money is monitored from the perspective of an enterprise's purchases, e.g. to see what the purchase price of an industrial machine would be in today's money, coefficients calculated from the Basic Price Index for Domestic Supply or the Wholesale Price Index should be used.

Example 1. We want to calculate how much a machine that cost EUR 500 in 2002 would cost in euros in 2011. We use the point figures of the Wholesale Price Index 2000=100 to calculate the coefficient for value of money. The average for the overall index of the Wholesale Price Index in 2002 is 97.7. In 2011 the corresponding figure is 124.6. Calculated from these, the coefficient for value of money is

$$\frac{124.6}{97.7} \approx 1.27533$$

We can now multiply the EUR 500 in 2002 by the coefficient for value of money and obtain $1.27533 \times 500 \approx 637.7$. Thus, in 2011 money, the price of the machine would be EUR 637.7.

Example 2. We want to calculate how much a machine that cost EUR 500 in 2011 would have cost in euros in 2002. We use the same point figures of the Wholesale Price Index 2000=100 as above to calculate the coefficient for value of money. Calculated from these, the coefficient for value of money is

$$\frac{97.7}{124.6} \approx 0.78410$$

We can now multiply the EUR 500 in 2011 by the coefficient for value of money and obtain $0.7841 \times 500 \approx 392.1$. Thus, in 2002 money, the purchase price of the machine would have been EUR 392.1.

11.2 Calculation of price adjustment in an agreement with an index clause

The use of the index clause has been limited by legislation in Finland since 1968. The currently valid "Act on Limiting the Use of Index Clauses 11.12.2009/1046" dates from the year 2009. The Act has been reviewed frequently, and its validity has been extended with slight adjustments up to the end of

2012. The Act contains many provisions with which it permits the use of index clauses in various cases, such as foreign trade agreements. Indices are applied to agreements in several ways. An index adjustment can be included in full or in part, e.g. as 70 per cent, in the agreement price. If an index clause is used, the agreement should include the following information:

- The exact name of the index and industry to which the agreement is tied.
- The base period of the agreement (month and year) and the corresponding index point figure.
- The agreed amount of money at base period prices.
- The adjustment period and the month whose index point figure is used in the adjustment.

Example 1. An agreement is tied to series “73 Transport equipment” of the Wholesale Price Index 1949=100. The agreement sum of EUR 50,000 is adjusted annually on 1 January against the latest known point figure (November) and the index adjustment is taken into account in full. The agreement is signed on 1 January 2008 when the November 2007 point figure of 2123 is known.

Name of index: Wholesale Price Index 1949=100, Total, 73 Transport equipment
 Base period of agreement and corresponding point figure: 1 January 2008, 2123 (11/2007)
 Agreed sum of money at base period: EUR 50,000
 Date of adjustment: annually on 1 January, point figure of November of the previous year

Date	Point figure	Coefficient	Change from base period, %	Agreed sum
1 Jan. 2008	2123	-	-	50 000
1 Jan. 2009	2089	0,98398	-1,60	49 199
1 Jan. 2010	2151	1,01319	1,32	50 659
1 Jan. 2011	2187	1,03015	3,01	51 507

The coefficient by which the agreed sum of money is multiplied at the time of adjustment is obtained by dividing the point figure at time of adjustment by the point figure at base period. In January 2009, the agreement sum falls to EUR 49,199. From the beginning of January 2010 the agreement sum rises to EUR 50,659 and in 2011 to EUR 51,507.

Example 2: In the next example a three-year trade agreement is tied to industry “C27 Manufacture of electrical equipment”, of the Producer Price Index for Manufactured Products 2005=100. The trade agreement is signed on 1 March 2009 when the January 2009 index point figure of 110.7 is known. The value of the trade agreement is EUR 4.5 million. EUR one million is paid immediately and EUR one million together with the index adjustments on both 1 March 2010 and 1 March 2011. The remaining EUR 1.5 million and the remaining index adjustments are paid on 1 March 2012. The outstanding part of the total sum is always tied to the index and adjusted three times, always on 1 March against the (January) point figure for industry C27 in the Producer Price Index for Manufactured Products.

Date	Point figure	Agreed sum, outstanding share, EUR	To be paid, agreed sum+index adjustments, EUR
1 March 2009	110.7	4 500 000	1 000 000
1 March 2010	113.1	3 500 000 * (113.1/110.7) = 3 575 881	1 000 000 + 75 881 = 1 075 881
1 March 2011	114.6	2 500 000 * (114.6/113.1) = 2 533 156	1 000 000 + 33 156 = 1 033 156
1 March. 2012	120.2	1 500 000 * (120.2/114.6) = 1 573 298	1 500 000 + 73 298 = 1 573 298

Revised 14.8.2013. Formulas have been corrected: plus signs have been altered to multiplication signs.

The corrections have been indicated in red.

The total sum paid under the agreement is EUR 4.5 million plus EUR 182,335 index adjustments.

11.3 Calculating changes

The change in index figures between two points in time is usually calculated as a percentage. The change percentage is calculated as follows:

$$\frac{I_t - I_0}{I_0} * 100,$$

where I_t = index for the reference point in time and I_0 = index for the comparison point in time.

Monthly and annual changes in producer price indices are calculated at Statistics Finland from figures truncated to two decimal places. In the following example, annual and monthly changes in the overall index of the Producer Price Index for Manufactured Products 2010=100 are calculated for March 2012:

Point figure in March 2011: 106.1

Point figure in February 2012: 107.2

Point figure in March 2012: 107.6

$$\text{Annual change} = \frac{107.6 - 106.1}{106.1} * 100 \approx 1.4 \text{ i.e. } 1.4 \text{ per cent}$$

$$\text{Monthly change} = \frac{107.6 - 107.2}{107.2} * 100 \approx 0.4 \text{ i.e. } 0.4 \text{ per cent}$$

11.4 Changing an index reference year

To monitor the development of the index starting from a point in time for which an index series has not yet been calculated, the reference year of the index can be changed. We first select the index from which the point figures of the new index are to be calculated. The average index of the selected new reference year is thus 100 and the point figures for the subsequent points in time are calculated as follows:

$$\frac{I_t}{I_0} * 100 = \text{point figure of new index series at point in time } t$$

I_t = value of used index at point in time t

I_0 = value of used index at reference point in time

Example. To monitor changes in the Wholesale Price Index since 1971, we use the Wholesale Price Index 1949=100.

Year	Wholesale Price Index 1949=100	Wholesale Price Index 1971=100
1971	312	$312 / 312 * 100 = 100$
1972	338	$338 / 312 * 100 = 108$
1973	398	$398 / 312 * 100 = 128$
...
2010	2000	$2000 / 312 * 100 = 641$
2011	2169	$2169 / 312 * 100 = 695$

In this example, the figures for the new reference year were calculated for annual averages, but they can of course be calculated also for monthly point figures, quarterly figures or for figures for any desired time period.

11.5 Nominal and real values

Nominal values can be converted to real values with a suitable deflator. With this procedure the impact of changes in the value of money can be eliminated from nominal values.

(nominal value/suitable deflator) * 100 = real value

Example: Nominal interest rates are up by 0.8 per cent and simultaneously inflation, i.e. the annual change in consumer prices, has been roughly 1.5 per cent.

$\frac{100.8}{101.5} * 100 \approx 99.3$. Thus, real interest rates have fallen by 0.7 per cent (99.3-100).

11.6 Deflation and volume calculations

Price indices, such as the producer price indices, can be used as deflators in volume calculations. In such instances, the change in a certain value, such as the value of the sales of an enterprise (value index), is known. To find out the change in the volume over the same time period, a suitable price index, such as the Producer Price Index for Manufactured Products or one of its sub-indices, is used as a deflator. The volume index is calculated with the following formula:

Volume index = $\frac{\text{value index}}{\text{price index}} * 100$.

Example. The value of the sales of an enterprise went up by 8.9 per cent from 2010 to 2011. The prices of the products the enterprise sells rose by 0.3 per cent over the same period. Thus, the change in the volume of the sales was:

$\frac{108.9}{100.3} * 100 \approx 108.6$. Growth in the volume from 2010 to 2011 was 8.6 per cent.

11.7 Effect of price change on overall index

Revised 14.8.2013. “March” was corrected to “February”. The corrections have been indicated in red.

When examining the monthly and annual changes in producer price indices, the price changes having taken place must be proportioned to the weight of the commodity or commodity group if we wish to examine the effect of the commodity or commodity group on the overall index or an industry-specific index. Even a small change in the price of a commodity with a large weight, such as that of oil products in the Producer Price Index for Manufactured Products, has a significant effect on the overall index.

The following is an example of the effect of a price change in industry “C192 Manufacture of refined oil products”, on the annual change of the Import Price Index 2010=100 in February 2012. For the calculation we need:

- Weight of oil products in the overall index (w): 4.53%
- February 2011 point figure for oil products (ind^{t-12}): 117.8
- February 2012 point figure for oil products (ind^t): 140.8
- Point figure for **February** 2011 in the overall index of the Import Price Index 2010=100 ($overall_ind^{t-12}$) which is 107.3. In **February** 2012, the respective point figure is 112.1.

The annual change in the overall import price index is $\frac{(112.1-107.3)}{107.3} \cdot 100\% \approx 4.4734\%$. We want to break down this change into additive components, or percentage points, and find out how much of the 4.4734 percentage point change was due to increases in the prices of oil products. In practice some import prices rose and some fell, but at the annual level import prices rose by an average of 4.5 per cent.

The effect of the price change on the annual change is calculated with the formula:

whereby the effect of price changes of refined oil products on the Import Price Index is

$\frac{4.52 \cdot (140.8 - 117.8)}{107.3} \approx 0.9688$ percentage points. Thus, 0.9688 percentage points of the 4.5 (4.4734) per cent rise is due to increases in the prices of refined oil products and the remaining 3.5046 percentage points is due to increases in the prices of other products. Put in another way: approximately 22 per cent of the annual change in import prices was due to increases in the prices of refined oil products.

Further information about index calculations can be found in e.g. the Indices module of the eCourse in Statistics on Statistics Finland's website

Appendix table 1. Weight structures for producer price indices

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
A	Agriculture, Forestry and fishing		5,9	27,3	64,0	59,5
A01	Crop and animal production, hunting and related service activities		4,9	17,4	32,4	29,0
A011	Growing of non-perennial crops		2,4	5,8	11,0	9,9
A0111	Growing of cereals (except rice), leguminous crops and oil seeds		2,4	1,6	4,3	3,8
01111200	Wheat, except durum wheat			0,1	0,8	0,7
01113100	Barley		0,8		2,1	1,9
01113200	Rye			0,2	0,1	0,1
01113300	Oats		1,6		0,6	0,5
01116200	Peas, green				0,0	0,0
01119300	Rape or colza seed			1,3	0,7	0,6
A0113	Growing of vegetables and melons, roots and tubers			4,2	4,9	4,4
01131400	Lettuce			1,5	0,5	0,4
01133100	Chillies and peppers, green (only capsicum)			0,9	0,3	0,3
01133200	Cucumbers and gherkins			0,3	0,7	0,6
01133400	Tomatoes			1,5	1,2	1,1
01134100	Carrots and turnips				0,4	0,3
01135100	Potatoes				1,4	1,3
01137100	Sugar beet				0,2	0,2
01139000	Vegetables, fresh, n.e.c.				0,2	0,2
A0119	Growing of other non-perennial crops				1,8	1,7
01192100	Cut flowers and flower buds				1,8	1,7
A012	Growing of perennial crops			10,0	4,8	4,3
A0121	Growing of grapes			0,9	0,3	0,3
01211100	Table grapes			0,9	0,3	0,3
A0122	Growing of tropical and subtropical fruits			1,3	0,4	0,4
01221200	Bananas, plantains and similar			1,3	0,4	0,4
A0123	Growing of citrus fruits			1,2	0,4	0,4
01231300	Oranges			0,4	0,1	0,1
01231400	Tangerines, mandarins, clementines			0,8	0,3	0,3
A0124	Growing of pome fruits and stone fruits			1,3	0,5	0,5
01241000	Apples			1,3	0,5	0,5
A0125	Growing of other tree and bush fruits and nuts			0,6	1,5	1,3
01251300	Strawberries				1,3	1,1
01253100	Almonds			0,6	0,2	0,2
A0127	Growing of beverage crops			4,1	1,4	1,2
01271100	Coffee beans, not roasted			4,1	1,4	1,2
A0129	Growing of other perennial crops			0,6	0,2	0,2
01291000	Natural rubber			0,6	0,2	0,2
A013	Plant propagation			1,3	0,4	0,4
A0130	Plant propagation			1,3	0,4	0,4
01301000	Planting material: live plants, bulbs, tubers and roots, cuttings and slips; mu			1,3	0,4	0,4
A014	Animal production		2,6	0,3	16,2	14,4

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
A0141	Raising of dairy cattle				11,5	10,3
01411000	Dairy cattle, live				2,5	2,2
01412000	Raw milk from dairy cattle				9,0	8,0
A0146	Raising of swine/pigs				3,0	2,7
01461000	Swine, live				3,0	2,7
A0147	Raising of poultry				1,6	1,4
01471100	Chickens, live				1,2	1,0
01472100	Hen eggs in shell, fresh				0,4	0,3
A0149	Raising of other animals		2,6	0,3	0,1	0,1
01493100	Raw fur skins, except of fur-bearing lambs		2,5	0,3	0,1	0,1
01493200	Raw fur skins of fur-bearing lambs		0,0			
A02	Forestry and logging		1,0	7,1	29,5	28,6
A022	Logging		1,0	7,0	29,5	28,6
A0220	Logging		1,0	7,0	29,5	28,6
02201100	Logs of coniferous wood		0,9	2,7	27,5	26,7
02201200	Logs of non-coniferous wood, except tropical wood		0,1	4,2	1,9	1,9
02201400	Fuel wood			0,1	0,0	0,0
A023	Gathering of wild growing non-wood products			0,1	0,0	0,0
A0230	Gathering of wild growing non-wood products			0,1	0,0	0,0
02303000	Parts of plants, grasses, mosses and lichens suitable for ornamental purpose			0,1	0,0	0,0
A03	Fishing and aquaculture			2,8	2,1	1,9
A030	Fishing and aquaculture			2,8	2,1	1,9
A0300	Fishing and aquaculture			2,8	2,1	1,9
03002100	Fresh or chilled fish, marine, not farmed			2,8	2,1	1,9
03004100	Oysters, live, fresh or chilled, not farmed			0,0	0,0	0,0
03004300	Oysters, live, fresh or chilled, farmed			0,0	0,0	0,0
B	Mining and quarrying	17,0	2,7	171,9	70,3	68,6
B05	Mining of coal and lignite	0,0	0,0	11,3	3,8	4,0
B051	Mining of hard coal	0,0	0,0	11,3	3,8	4,0
B0510	Mining of hard coal	0,0	0,0	11,3	3,8	4,0
05101000	Hard coal	0,0	0,0	11,3	3,8	4,0
B06	Extraction of crude petroleum and natural gas	0,0	0,0	122,3	41,5	40,4
B061	Extraction of crude petroleum			101,9	34,6	33,5
B0610	Extraction of crude petroleum			101,9	34,6	33,5
06101000	Petroleum oils and oils obtained from bituminous minerals, crude			101,9	34,6	33,5
B062	Extraction of natural gas	0,0	0,0	20,4	6,9	6,9
B0620	Extraction of natural gas	0,0	0,0	20,4	6,9	6,9
06201000	Natural gas, liquefied or in gaseous state	0,0	0,0	20,4	6,9	6,9
B07	Mining of metal ores	4,3	0,6	33,8	14,6	14,1
B071	Mining of iron ores			5,6	1,9	1,8
B0710	Mining of iron ores			5,6	1,9	1,8
07101000	Iron ores			5,6	1,9	1,8
B072	Mining of non-ferrous metal ores	4,3	0,6	28,2	12,7	12,3
B0729	Mining of other non-ferrous metal ores	4,3	0,6	28,2	12,7	12,3

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
07291100	Copper ores and concentrates	2,7		13,5	6,7	6,5
07291200	Nickel ores and concentrates	0,8	0,4	5,8	2,4	2,4
07291500	Lead, zinc and tin ores and concentrates	0,8	0,0	5,8	2,5	2,5
07291900	Other non-ferrous metal ores and concentrates n.e.c.	0,0	0,1	3,1	1,1	1,0
B08	Other mining and quarrying	12,7	2,1	4,5	10,4	10,1
B081	Quarrying of stone, sand and clay	6,2	0,7	3,6	5,7	5,5
B0811	Quarrying of ornamental and building stone, limestone, gypsum, chalk and s	1,5	0,5	0,7	1,2	1,2
08111200	Granite, sandstone and other ornamental or building stone	0,4	0,5		0,1	0,1
08112000	Limestone and gypsum	1,1		0,5	1,0	1,0
08113000	Chalk and uncalcined dolomite			0,1	0,0	0,0
B0812	Operation of gravel and sand pits; mining of clays and kaolin	4,7	0,2	3,0	4,5	4,4
08121200	Granules, chippings and powder; pebbles, gravel	4,7	0,2		3,5	3,4
08122100	Kaolin and other kaolinic clays			3,0	1,0	1,0
B089	Mining and quarrying n.e.c.	6,4	1,4	0,8	4,7	4,5
B0891	Mining of chemical and fertiliser minerals	2,7			2,0	2,0
08911200	Unroasted iron pyrites; crude or unrefined sulphur	2,7			2,0	2,0
B0892	Extraction of peat	2,7	0,3		2,0	1,9
08921000	Peat	2,7	0,3		2,0	1,9
B0893	Extraction of salt			0,5	0,2	0,2
08931000	Salt and pure sodium chloride; sea water			0,5	0,2	0,2
B0899	Other mining and quarrying n.e.c.	1,0	1,1	0,3	0,5	0,5
08992200	Industrial diamonds, unworked or simply sawn, cleaved or bruted; pumice s			0,0	0,0	0,0
08992900	Other minerals	1,0	1,1	0,3	0,5	0,5
C	Manufacturing	886,2	982,7	762,3	593,8	605,2
C10	Manufacture of food products	79,0	21,0	51,2	70,2	63,1
C101	Processing and preserving of meat and production of meat products	19,3	3,0	5,4	15,5	13,8
C1011	Processing and preserving of meat	9,9	2,8	2,9	7,5	6,7
10111100	Meat of bovine animals, fresh or chilled	1,8		0,8	1,7	1,5
10111200	Meat of swine, fresh or chilled	1,3		0,7	1,2	1,1
10112000	Edible offal of bovine animals, swine, sheep, goats, horses and other equine	2,5			1,9	1,7
10113100	Meat of bovine animals, frozen	1,5		0,6	1,4	1,2
10113200	Meat of swine, frozen	2,7	2,6		1,1	1,0
10113300	Meat of sheep, frozen			0,5	0,2	0,1
10114200	Whole raw hides and skins of bovine or equine animals	0,1	0,2		0,0	0,0
10116000	Raw offal, inedible			0,3	0,1	0,1
C1012	Processing and preserving of poultry meat	0,6		0,4	0,6	0,5
10121000	Meat of poultry, fresh or chilled	0,6			0,5	0,4
10122000	Meat of poultry, frozen			0,4	0,1	0,1
C1013	Production of meat and poultry meat products	8,8	0,2	2,2	7,4	6,6
10131100	Swine meat, cuts, salted, dried or smoked (bacon and ham)	2,0			1,5	1,4
10131200	Bovine meat, salted, dried or smoked	0,5			0,4	0,4
10131400	Sausages and similar products of meat, offal or blood	2,6	0,2	0,4	2,0	1,8
10131500	Other prepared and preserved meat, meat offal or blood, except prepared m	3,7		1,8	3,4	3,0
10131600	Flours, meals and pellets of meat unfit for human consumption; greaves	0,0	0,0			

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
C102	Processing and preserving of fish, crustaceans and molluscs	1,9	0,4	3,2	2,4	2,1
C1020	Processing and preserving of fish, crustaceans and molluscs	1,9	0,4	3,2	2,4	2,1
10201100	Fish fillets and other fish meat (whether or not minced), fresh or chilled	0,8	0,0	0,2	0,6	0,5
10201200	Fish livers and roes, fresh or chilled	0,0	0,0			
10201300	Fish, frozen	0,1	0,2	0,1	0,0	0,0
10201400	Fish fillets, frozen			0,5	0,2	0,2
10202200	Fish livers and roes dried, smoked, salted or in brine; flours, meals and pellets	0,0			0,0	0,0
10202400	Fish, including fillets, smoked	0,6	0,2		0,4	0,3
10202500	Fish, otherwise prepared or preserved, except prepared fish dishes	0,5		1,5	0,9	0,8
10203400	Crustaceans, otherwise prepared or preserved; molluscs and other aquatic invertebrates			0,6	0,2	0,2
10204100	Flours, meals and pellets of fish, crustaceans, molluscs or other aquatic invertebrates			0,3	0,1	0,1
C103	Processing and preserving of fruit and vegetables	2,9		5,8	4,1	3,5
C1031	Processing and preserving of potatoes	0,7		0,7	0,8	0,7
10311100	Potatoes, frozen			0,4	0,1	0,1
10311300	Dried potatoes in the form of flour, meal, flakes, granulates and pellets	0,7			0,5	0,5
10311400	Potatoes prepared or preserved			0,3	0,1	0,1
C1032	Manufacture of fruit and vegetable juice	0,6		1,2	0,9	0,6
10321200	Orange juice	0,6		0,9	0,8	0,5
10321600	Apple juice	0,0		0,3	0,1	0,1
C1039	Other processing and preserving of fruit and vegetables	1,5		3,8	2,5	2,2
10391100	Vegetables, frozen	0,1		0,7	0,3	0,3
10391400	Cut and packaged vegetables and fruits	0,6			0,4	0,4
10391700	Other vegetables (except potatoes), preserved otherwise than by vinegar or acetic acid	0,1		1,1	0,4	0,4
10391800	Vegetables (except potatoes), fruit, nuts and other edible parts of plants, prepared or preserved	0,1			0,1	0,1
10392100	Fruit and nuts, uncooked or cooked, frozen			0,5	0,2	0,2
10392200	Jams, fruit jellies and fruit or nut puree and pastes	0,6		0,2	0,5	0,5
10392500	Other prepared or preserved fruits			1,4	0,5	0,4
C104	Manufacture of vegetable and animal oils and fats	1,6	1,3	8,6	3,7	3,5
C1041	Manufacture of oils and fats	0,7		7,8	3,2	3,0
10412600	Rape, colza and mustard oil, crude	0,1			0,1	0,1
10414100	Oil-cake and other solid residues, of vegetable fats or oils	0,3		7,3	2,7	2,6
10415300	Olive oil and its fractions, refined but not chemically modified	0,0			0,0	0,0
10415600	Rape, colza and mustard oil and their fractions, refined but not chemically modified	0,3			0,2	0,2
10416000	Animal or vegetable fats and oils and their fractions, hydrogenated, esterified or otherwise treated			0,5	0,2	0,2
C1042	Manufacture of margarine and similar edible fats	0,9	1,3	0,8	0,5	0,5
10421000	Margarine and similar edible fats	0,9	1,3	0,8	0,5	0,5
C105	Manufacture of dairy products	21,1	8,2	5,9	15,2	13,7
C1051	Operation of dairies and cheese making	19,9	8,2	5,2	14,1	12,5
10511100	Processed liquid milk	6,4			4,8	4,3
10511200	Milk and cream of > 6 % fat, not concentrated or sweetened	1,4			1,1	0,9
10512100	Skimmed milk powder	0,3	0,2		0,1	0,1
10512200	Whole milk powder	0,0	0,0			
10513000	Butter and dairy spreads	1,9	2,7		0,5	0,5
10514000	Cheese and curd	5,5	3,4	4,0	4,3	3,9

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
10515200	Yoghurt and other fermented or acidified milk or cream	4,0	1,0	1,2	3,1	2,7
10515500	Whey	0,6	0,9		0,1	0,1
C1052	Manufacture of ice cream	1,2		0,8	1,1	1,2
10521000	Ice cream and other edible ice	1,2		0,8	1,1	1,2
C106	Manufacture of grain mill products, starches and starch products	3,1	1,3	3,6	3,1	2,8
C1061	Manufacture of grain mill products	2,0		1,5	2,0	1,8
10611200	Rice, semi- or wholly milled or broken			0,4	0,1	0,1
10612100	Wheat or maslin flour	0,6			0,4	0,4
10612200	Other cereal flour	0,2			0,2	0,2
10612400	Mixes for preparation of bakers' wares	0,5		0,3	0,5	0,4
10613200	Cereal groats, meal and pellets n.e.c.	0,0			0,0	0,0
10613300	Breakfast cereals and other cereal grain products	0,6		0,8	0,8	0,7
C1062	Manufacture of starches and starch products	1,1	1,3	2,1	1,1	1,0
10621100	Starches; inulin; wheat gluten; dextrins and other modified starches	0,2		1,8	0,8	0,7
10621300	Glucose and glucose syrup; fructose and fructose syrup; invert sugar; sugars	0,9	1,3	0,3	0,3	0,3
C107	Manufacture of bakery and farinaceous products	9,8	1,6	3,6	8,1	7,2
C1071	Manufacture of bread; manufacture of fresh pastry goods and cakes	7,1		1,4	5,8	5,2
10711100	Fresh bread	4,9		0,5	3,9	3,5
10711200	Fresh pastry goods and cakes	2,2		0,8	1,9	1,7
C1072	Manufacture of rusks and biscuits; manufacture of preserved pastry goods and cakes	2,5	1,6	2,3	2,1	1,9
10721100	Crispbread, rusks, toasted bread and similar toasted products	0,7	1,4		0,0	0,0
10721200	Gingerbread and the like; sweet biscuits; waffles and wafers	0,2	0,1	0,9	0,4	0,4
10721900	Other dry or preserved bakers' wares	1,5		1,4	1,6	1,5
C1073	Manufacture of macaroni, noodles, couscous and similar farinaceous products	0,3			0,2	0,2
10731100	Macaroni, noodles and similar farinaceous products	0,3			0,2	0,2
C108	Manufacture of other food products	14,1	4,9	12,8	13,5	12,4
C1081	Manufacture of sugar	1,6	0,7	1,0	1,4	1,2
10811100	Raw cane or beet sugar, in solid form			1,0	0,4	0,4
10811200	Refined cane or beet sugar and chemically pure sucrose, in solid form, not containing other substances	1,6	0,7		1,0	0,9
C1082	Manufacture of cocoa, chocolate and sugar confectionery	3,8	2,6	4,8	3,6	3,7
10821200	Cocoa butter, fat and oil			1,0	0,3	0,3
10822100	Chocolate and food preparations containing cocoa (except sweetened cocoa)	0,1			0,0	0,0
10822200	Chocolate and food preparations containing cocoa (except sweetened cocoa)	1,3	1,6	2,4	1,3	1,4
10822300	Sugar confectionery (including white chocolate), not containing cocoa	2,4	1,0	1,4	2,0	1,9
C1083	Processing of tea and coffee	2,5		1,4	2,4	2,1
10831100	Coffee, decaffeinated or roasted	2,5			1,9	1,7
10831300	Green tea (not fermented), black tea (fermented) and partly fermented tea, in solid form			1,4	0,5	0,4
C1084	Manufacture of condiments and seasonings	0,4		2,0	1,0	0,9
10841200	Sauces; mixed condiments and mixed seasonings; mustard flour and meal and other preparations	0,4		1,9	1,0	0,9
10842100	Pepper (piper spp.), processed			0,1	0,0	0,0
C1085	Manufacture of prepared meals and dishes	2,6	0,5		1,8	1,6
10851100	Prepared meals and dishes based on meat, meat offal or blood	0,0			0,0	0,0
10851200	Prepared meals and dishes based on fish, crustaceans and molluscs	0,2			0,1	0,1
10851300	Prepared meals and dishes based on vegetables	1,4			1,1	1,0

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
10851400	Prepared meals and dishes based on pasta	0,0			0,0	0,0
10851900	Other prepared dishes and meals (including frozen pizza)	0,9	0,5		0,5	0,5
C1086	Manufacture of homogenised food preparations and dietetic food	0,4			0,3	0,2
10861000	Homogenised food preparations and dietetic food	0,4			0,3	0,2
C1089	Manufacture of other food products n.e.c.	2,9	1,1	3,5	3,0	2,7
10891100	Soups and broths and preparations thereof	1,3			1,0	0,9
10891900	Miscellaneous food products n.e.c.	1,6	1,1	3,5	2,0	1,8
C109	Manufacture of prepared animal feeds	5,1	0,3	2,3	4,6	4,1
C1091	Manufacture of prepared feeds for farm animals	5,0	0,3	0,7	3,9	3,5
10911000	Prepared feeds for farm animals, except lucerne meal and pellets	5,0	0,3	0,7	3,9	3,5
C1092	Manufacture of prepared pet foods	0,1		1,7	0,7	0,6
10921000	Prepared pet foods	0,1		1,7	0,7	0,6
C11	Manufacture of beverages	10,6	3,4	7,7	9,5	17,4
C110	Manufacture of beverages	10,6	3,4	7,7	9,5	17,4
C1101	Distilling, rectifying and blending of spirits	1,5	2,1	2,0	1,1	4,1
11011000	Distilled alcoholic beverages	1,5	2,1	2,0	1,1	4,1
C1102	Manufacture of wine from grape	0,2		3,5	1,3	2,3
11021100	Sparkling wine of fresh grapes			0,6	0,2	0,3
11021200	Wine of fresh grapes, except sparkling wine; grape must	0,2		2,9	1,1	2,0
C1103	Manufacture of cider and other fruit wines	1,0	0,2	0,3	0,8	1,6
11031000	Other fermented beverages (e.g., cider, perry, mead); mixed beverages cont	1,0	0,2	0,3	0,8	1,6
C1105	Manufacture of beer	3,5	0,2	0,8	2,9	6,1
11051000	Beer, except dregs from brewing	3,5	0,2	0,8	2,9	6,1
C1106	Manufacture of malt	0,7	0,9		0,2	0,2
11061000	Malt	0,7	0,9		0,2	0,2
C1107	Manufacture of soft drinks; production of mineral waters and other bottled v	3,7		1,2	3,2	3,1
11071100	Mineral waters and aerated waters, not sweetened nor flavoured	0,6			0,4	0,4
11071900	Other non alcoholic beverages	3,1		1,2	2,7	2,7
C12	Manufacture of tobacco products	0,0		2,5	0,9	5,3
C120	Manufacture of tobacco products	0,0		2,5	0,9	5,3
C1200	Manufacture of tobacco products	0,0		2,5	0,9	5,3
12001100	Cigars, cheroots, cigarillos and cigarettes, of tobacco or tobacco substitutes	0,0		2,3	0,8	4,9
12001900	Other manufactured tobacco and substitutes; homogenised or reconstituted t	0,0		0,2	0,1	0,4
C13	Manufacture of textiles	5,5	6,3	10,9	5,7	5,6
C131	Preparation and spinning of textile fibres	0,2		0,6	0,3	0,3
C1310	Preparation and spinning of textile fibres	0,2		0,6	0,3	0,3
13105000	Yarn of wool put up or not put up for retail store; yarn of fine or coarse anir	0,2		0,3	0,2	0,2
13108100	Yarn of man made filaments, multiple or cabled (other than sewing thread, 1			0,2	0,1	0,1
13108200	Yarn other than sewing thread of synthetic staple fibres, containing >= 85 %			0,1	0,0	0,0
13108400	Yarn (other than sewing thread) of artificial staple fibres, not put up for reta			0,1	0,0	0,0
13108500	Sewing thread and yarn of artificial and synthetic filaments and fibres			0,1	0,0	0,0
C132	Weaving of textiles	0,2	0,5	1,5	0,5	0,5
C1320	Weaving of textiles	0,2	0,5	1,5	0,5	0,5
13202000	Woven fabrics of cotton	0,2	0,5	0,4	0,2	0,1

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
13203100	Woven fabrics of synthetic filament yarn and artificial filament yarn	0,0		0,4	0,2	0,2
13203200	Woven fabrics of synthetic staple fibres			0,3	0,1	0,1
13203300	Woven fabrics of artificial staple fibres			0,0	0,0	0,0
13204600	Woven fabrics (including narrow fabrics) of glass fibres			0,3	0,1	0,1
C139	Manufacture of other textiles	5,1	5,8	8,8	4,9	4,7
C1391	Manufacture of knitted and crocheted fabrics	0,1	0,2	0,4	0,1	0,1
13911100	Pile fabrics, terry fabrics, knitted or crocheted	0,1	0,2			
13911900	Other knitted or crocheted fabrics, including imitation fur by knitting			0,4	0,1	0,1
C1392	Manufacture of made-up textile articles, except apparel	1,6	0,9	4,4	2,5	2,4
13921200	Bed linen	0,2		1,7	0,8	0,7
13921400	Toilet and kitchen linen			0,7	0,3	0,3
13921500	Curtains (including drapes) and interior blinds; curtain or bed valances	0,1			0,1	0,1
13922200	Tarpaulins, awnings and sunblinds; sails for boats, sailboards or landcraft; t	0,3		0,2	0,3	0,3
13922400	Quilts, eiderdowns, cushions, pouffes, pillows, sleeping bags and the like, fi	0,2		0,9	0,5	0,5
13922900	Other made-up textile articles (including floor cloths, dish-cloths, dusters an	0,8	0,9	0,8	0,6	0,5
C1393	Manufacture of carpets and rugs	0,1	0,2	1,1	0,4	0,4
13931200	Carpets and other textile floor coverings, woven, not tufted or flocked	0,1	0,2	0,6	0,2	0,2
13931300	Carpets and other textile floor coverings, tufted			0,5	0,2	0,2
C1394	Manufacture of cordage, rope, twine and netting	0,0			0,0	0,0
13941100	Twine, cordage, rope and cables, of jute or other textile bast fibres	0,0			0,0	0,0
C1395	Manufacture of non-wovens and articles made from non-wovens, except app	0,9	1,7	1,0	0,5	0,4
13951000	Non-wovens and articles made from non-wovens, except apparel	0,9	1,7	1,0	0,5	0,4
C1396	Manufacture of other technical and industrial textiles	2,3	2,8	1,7	1,4	1,3
13961400	Textile fabrics, impregnated, coated or covered n.e.c.	0,2		0,3	0,2	0,2
13961500	Tyre cord fabric of high tenacity yarn of nylon or other polyamides, polyest			0,3	0,1	0,1
13961600	Textile products and articles for technical uses (including wicks, gas mantle	2,1	2,8	1,1	1,0	1,0
13961700	Narrow woven fabrics; narrow fabrics of warp without weft assembled by a	0,0			0,0	0,0
C1399	Manufacture of other textiles n.e.c.			0,2	0,1	0,1
13991900	Other textiles and textile products n.e.c.			0,2	0,1	0,1
C14	Manufacture of wearing apparel	2,9	4,1	26,5	10,0	9,7
C141	Manufacture of wearing apparel, except fur apparel	2,5	3,6	22,6	8,6	8,3
C1411	Manufacture of leather clothes			0,2	0,1	0,1
14111000	Apparel of leather or of composition of leather			0,2	0,1	0,1
C1412	Manufacture of workwear	0,5		0,9	0,7	0,7
14121200	Men's trousers, bib and brace overalls, breeches and shorts, industrial and o	0,4		0,5	0,5	0,4
14122200	Women's trousers, bib and brace overalls, breeches and sorts, industrial and	0,0			0,0	0,0
14123000	Other workwear	0,1		0,4	0,2	0,2
C1413	Manufacture of other outerwear	1,2	1,8	9,0	3,4	3,3
14131400	Women's or girls' suits, ensembles, jackets, blazers, dresses, skirts, divided	0,3	0,5	2,1	0,8	0,7
14132100	Men's or boys' overcoats, raincoats, car coats, capes, cloaks, anoraks, wind-	0,3	0,5	0,9	0,3	0,3
14132200	Men's or boys' suits and ensembles of textile fabrics, not knitted or crochete	0,1			0,1	0,1
14132300	Men's or boys' jackets and blazers, of textile fabrics, not knitted or crochete			0,3	0,1	0,1
14132400	Men's or boys' trousers, bib and brace overalls, breeches and shorts of textil	0,0		1,5	0,6	0,5
14133100	Women's or girls' overcoats, car coats, capes, cloaks, anoraks, wind-cheater	0,4	0,8	1,3	0,5	0,5

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
14133300	Women's or girls' jackets and blazers of textile fabrics, not knitted or croche	0,0		0,3	0,1	0,1
14133400	Women's or girls' dresses, skirts and divided skirts of textile fabrics, not kni	0,0		1,0	0,4	0,3
14133500	Women's or girls' trousers, bib and brace overalls, breeches and shorts of tex	0,0		1,6	0,6	0,5
C1414	Manufacture of underwear	0,3	0,7	7,0	2,4	2,4
14141200	Men's or boys' underpants, briefs, nightshirts, pyjamas, bathrobes, dressing	0,0		0,7	0,2	0,2
14141300	Women's or girls' blouses, shirts and shirt-blouses, knitted or crocheted	0,1	0,2	0,5	0,2	0,2
14141400	Women's or girls' slips, petticoats, briefs, panties, nightdresses, pyjamas, dre	0,0		1,0	0,3	0,3
14142100	Men's or boys' shirts, of textile fabric not knitted or crocheted			0,7	0,2	0,2
14142300	Women's or girls' blouses, shirts and shirt-blouses, of textile fabric not knitt			0,8	0,3	0,3
14142500	Brassieres, girdles, corsets, braces, suspenders, garters and similar articles a			0,8	0,3	0,3
14143000	T-shirts, singlets and other vests, knitted or crocheted	0,2	0,5	2,7	0,9	0,9
C1419	Manufacture of other wearing apparel and accessories	0,5	1,1	5,4	2,0	1,9
14191200	Tracksuits, ski suits, swimwear and other garments, knitted or crocheted			1,4	0,5	0,5
14192200	Tracksuits, ski suits and swimwear; other garments of textile fabric, not knitt			0,5	0,2	0,2
14192300	Handkerchiefs, shawls, scarves, veils, ties, cravats, gloves and other made-u			0,7	0,2	0,2
14193100	Clothing accessories of leather or of composition leather, except sports glove			0,3	0,1	0,1
14193200	Garments made up of felt or non-wovens, textile fabrics impregnated or coa	0,5	1,1	2,1	0,8	0,8
14194200	Hats and other headgear, of felt, or plaited or made by assembling strips of			0,5	0,2	0,2
C142	Manufacture of articles of fur	0,0	0,1	0,0	0,0	0,0
C1420	Manufacture of articles of fur	0,0	0,1	0,0	0,0	0,0
14201000	Articles of apparel, clothing accessories and other articles of fur skin, except	0,0	0,1	0,0	0,0	0,0
C143	Manufacture of knitted and crocheted apparel	0,3	0,4	3,9	1,4	1,4
C1431	Manufacture of knitted and crocheted hosiery	0,2	0,2	1,2	0,5	0,5
14311000	Panty hose, tights, stockings, socks and other hosiery, knitted or crocheted	0,2	0,2	1,2	0,5	0,5
C1439	Manufacture of other knitted and crocheted apparel	0,1	0,2	2,7	0,9	0,9
14391000	Jerseys, pullovers, cardigans, waistcoats and similar articles, knitted or croc	0,1	0,2	2,7	0,9	0,9
C15	Manufacture of leather and related products	1,7	2,5	8,1	3,2	3,1
C151	Tanning and dressing of leather; manufacture of luggage, handbags, saddler	0,5	0,9	2,7	1,0	1,0
C1511	Tanning and dressing of leather; dressing and dyeing of fur	0,3	0,6	0,4	0,2	0,2
15111000	Tanned or dressed fur skins	0,1	0,3			
15114100	Sheep or lamb skin leather, without wool on			0,4	0,1	0,1
15115100	Leather of other animals, without hair on	0,2	0,3		0,1	0,1
C1512	Manufacture of luggage, handbags and the like, saddlery and harness	0,1	0,3	2,3	0,8	0,8
15121200	Luggage, handbags and the like, of leather, composition of leather, plastic s	0,1	0,3	2,3	0,8	0,8
15121300	Watch straps (except metal), watch bands and watch bracelets and parts ther			0,0	0,0	0,0
C152	Manufacture of footwear	1,2	1,6	5,4	2,2	2,2
C1520	Manufacture of footwear	1,2	1,6	5,4	2,2	2,2
15201300	Footwear with uppers of leather, other than sports footwear, footwear incorp	1,2	1,6	4,1	1,8	1,7
15202100	Tennis shoes, basketball shoes, gym shoes, training shoes and the like	0,0		0,7	0,2	0,2
15204000	Parts of footwear of leather; removable insoles, heel cushions and similar ar	0,0	0,1	0,6	0,2	0,2
C16	Manufacture of wood and of products of wood and cork, except furniture; n	52,0	42,9	11,9	28,7	27,8
C161	Sawmilling and planing of wood	27,8	24,2	6,0	14,8	14,3
C1610	Sawmilling and planing of wood	27,8	24,2	6,0	14,8	14,3
16101000	Wood, sawn or chipped lengthwise, sliced or peeled, of a thickness > 6 mm	22,2	22,1	2,4	10,0	9,7

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
16102100	Wood, continuously shaped along any of its edges or faces (including strips	1,9	1,1	0,3	1,2	1,2
16102300	Wood in chips or particles	2,9		3,2	3,3	3,2
16103100	Wood in the rough, treated with paint, stains, creosote or other preservative	0,5	0,9		0,0	0,0
16103200	Railway or tramway sleepers (cross-ties) of wood, impregnated	0,0			0,0	0,0
16109100	Drying, impregnation or chemical treatment services of timber	0,2			0,2	0,2
C162	Manufacture of products of wood, cork, straw and plaiting materials	24,2	18,7	5,9	13,9	13,5
C1621	Manufacture of veneer sheets and wood-based panels	7,0	11,6	3,1	2,4	2,3
16211200	Other plywood, veneered panels and similar laminated wood	5,3	10,2	0,9	0,9	0,8
16211300	Particle boards and similar boards of wood or other ligneous materials	0,9	0,5	0,5	0,7	0,7
16211400	Fibreboard of wood or other ligneous materials	0,2	0,4	1,3	0,5	0,5
16212100	Veneer sheets and sheets for plywood and other wood sawn lengthwise, slic	0,5	0,7	0,4	0,3	0,3
C1622	Manufacture of assembled parquet floors	0,8	1,3	0,5	0,3	0,3
16221000	Assembled parquet panels	0,8	1,3	0,5	0,3	0,3
C1623	Manufacture of other builders' carpentry and joinery	15,1	5,8	1,4	9,9	9,6
16231100	Windows, French windows and their frames, doors and their frames and thr	4,2	1,1	1,4	3,3	3,2
16231900	Builders' joinery and carpentry, of wood, n.e.c.	4,0	1,7		2,4	2,4
16232000	Prefabricated wooden buildings	6,9	3,0		4,2	4,1
C1624	Manufacture of wooden containers	1,3			1,0	0,9
16241100	Pallets, box pallets and other load boards of wood	0,8			0,6	0,6
16241300	Other wooden containers and parts thereof	0,5			0,4	0,4
C1629	Manufacture of other products of wood; manufacture of articles of cork, stra	0,1		0,9	0,4	0,4
16291100	Tools, tool bodies, tool handles, broom or brush bodies and handles, blocks	0,0			0,0	0,0
16291400	Wooden frames for paintings, photographs, mirrors or similar objects and o	0,1		0,6	0,3	0,3
16292300	Blocks, plates, sheets and strips, tiles of any shape, solid cylinders, of aggl	0,0			0,0	0,0
16292400	Agglomerated cork; articles of agglomerated cork n.e.c.			0,0	0,0	0,0
16292500	Manufactures of straw, of esparto or of other plaiting materials; basket ware			0,2	0,1	0,1
C17	Manufacture of paper and paper products	115,6	170,4	17,0	34,9	33,8
C171	Manufacture of pulp, paper and paperboard	106,6	164,5	11,7	28,2	27,4
C1711	Manufacture of pulp	25,9	19,7	4,7	14,5	14,1
17111100	Chemical wood pulp, dissolving grades			0,1	0,0	0,0
17111200	Chemical wood pulp, soda or sulphate, other than dissolving grades	25,9	19,7	4,6	14,5	14,0
C1712	Manufacture of paper and paperboard	80,7	144,8	6,9	13,7	13,3
17121100	Newsprint, in rolls or sheets	2,1		0,6	1,8	1,8
17121400	Other paper and paperboard for graphic purposes	22,8	45,4	0,8	2,0	1,9
17122000	Toilet or facial tissue stock, towel or napkin stock, cellulose wadding and w	0,9	0,6		0,5	0,5
17123100	Kraftliner, unbleached, uncoated			0,9	0,3	0,3
17123200	White top kraftliner; coated kraftliner			0,1	0,0	0,0
17123300	Semi chemical fluting	2,5	4,7		0,3	0,3
17123500	Testliner (recycled liner board)			0,6	0,2	0,2
17124100	Uncoated kraft paper; sack kraft paper, creped or crinkled	2,0	4,1	0,3	0,2	0,2
17124200	Sulphite wrapping paper and other uncoated paper (other than that of a kind	1,2	2,7	0,4	0,2	0,2
17124300	Filter paper and paperboard; felt paper			0,1	0,0	0,0
17125900	Other uncoated paperboard			0,0	0,0	0,0
17126000	Vegetable parchment, greaseproof papers, tracing papers and glassine and o	2,3	4,6		0,1	0,1

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
17127100	Composite paper and paperboard, not surface-coated or impregnated			0,1	0,0	0,0
17127200	Paper and paperboard, creped, crinkled, embossed or perforated	0,0			0,0	0,0
17127300	Paper and paperboard of a kind used for writing, printing or other graphic p	31,0	53,6	1,1	5,5	5,3
17127500	Kraft paperboard (other than that of a kind used for writing, printing or othe	0,0	0,0	0,0	0,0	0,0
17127700	Paper, paperboard, cellulose wadding and webs of cellulose fibres, coated, i	5,7	9,8	1,7	1,6	1,5
17127800	Inside grey paperboard (other than that of a kind used for writing, printing o	4,1	9,2			
17127900	Other paperboard (other than that of a kind used for writing, printing or othe	5,9	10,4	0,2	1,0	0,9
C172	Manufacture of articles of paper and paperboard	9,0	5,9	5,4	6,6	6,4
C1721	Manufacture of corrugated paper and paperboard and of containers of paper	3,7	0,5	1,9	3,2	3,1
17211200	Sacks and bags of paper	0,0		0,3	0,1	0,1
17211300	Cartons, boxes and cases, of corrugated board or corrugated paperboard	2,8	0,2	0,2	2,1	2,1
17211400	Folding cartons, boxes and cases, of non-corrugated paper or paperboard	0,8	0,4	1,4	1,0	0,9
C1722	Manufacture of household and sanitary goods and of toilet requisites	3,3	2,9	2,4	2,3	2,2
17221100	Toilet paper, handkerchiefs, cleansing or facial tissues and towels, tableclot	1,1	1,7	0,7	0,5	0,4
17221200	Sanitary towels and tampons, napkins and napkin liners for babies and simil	1,5	0,5	1,7	1,5	1,5
17221300	Trays, dishes, plates and cups and the like, of paper or paperboard	0,7	0,7		0,3	0,3
C1723	Manufacture of paper stationery	0,4		0,4	0,5	0,5
17231200	Envelopes, letter cards, plain postcards and correspondence cards of paper o	0,2			0,2	0,2
17231300	Registers, account books, binders, forms and other articles of stationery, of	0,2			0,1	0,1
17231400	Other paper and paperboard, of a kind used for writing or printing or other g	0,0		0,4	0,2	0,2
C1729	Manufacture of other articles of paper and paperboard	1,7	2,4	0,7	0,7	0,6
17291100	Labels of paper or paperboard	0,4			0,3	0,3
17291900	Cigarette paper; bobbins, spools, cops and similar supports; filter paper and	1,3	2,4	0,7	0,3	0,3
C18	Printing and reproduction of recorded media	11,9	4,2	0,3	7,7	7,4
C181	Printing and service activities related to printing	11,8	4,2	0,3	7,5	7,3
C1811	Printing of newspapers	1,1			0,9	0,8
18111000	Newspaper printing services	1,1			0,9	0,8
C1812	Other printing	9,9	4,2		6,0	5,9
18121200	Printing services for advertising catalogues, prospects, posters and other pri	2,7	4,2		0,5	0,5
18121300	Printing services for journals and periodicals, appearing less than four times	4,1			3,1	3,0
18121400	Printing services for books, maps, hydrographic or similar charts of all kind	3,0			2,3	2,2
18121900	Other printing services n.e.c.	0,2			0,1	0,1
C1813	Pre-press and pre-media services	0,6		0,3	0,5	0,5
18131000	Pre-press services	0,6			0,4	0,4
18132000	Printing plates or cylinders and other impressed media for use in printing			0,3	0,1	0,1
C1814	Binding and related services	0,2			0,1	0,1
18141000	Binding and related services	0,2			0,1	0,1
C182	Reproduction of recorded media	0,1			0,1	0,1
C1820	Reproduction of recorded media	0,1			0,1	0,1
18203000	Reproduction services of software	0,1			0,1	0,1
C19	Manufacture of coke and refined petroleum products	69,8	73,8	47,4	43,7	60,6
C191	Manufacture of coke oven products			2,2	0,7	0,7
C1910	Manufacture of coke oven products			2,2	0,7	0,7
19101000	Coke and semi-coke of coal, of lignite or of peat; retort carbon			2,2	0,7	0,7

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
C192	Manufacture of refined petroleum products	69,8	73,8	45,3	42,9	59,9
C1920	Manufacture of refined petroleum products	69,8	73,8	45,3	42,9	59,9
19202100	Motor spirit (gasoline), including aviation spirit	24,8	26,9		9,6	18,9
19202300	Light petroleum oils, light preparations n.e.c.			6,3	2,1	2,1
19202500	Kerosene-type jet fuel	3,4			2,6	2,5
19202600	Gas oils	34,7	38,4	22,2	20,8	28,3
	Gas oils					
	Diesel					
	Light fuel oil					
19202800	Fuel oils n.e.c.			6,9	2,3	2,3
19202900	Lubricating petroleum oils; heavy preparations n.e.c.	4,1	8,5	5,1	1,9	2,2
19203100	Propane and butane, liquefied	1,2		2,7	1,8	1,7
19203200	Ethylene, propylene, butylene, butadiene and other petroleum gases or gases	0,9		0,8	1,0	0,9
19204100	Petroleum jelly; paraffin wax; petroleum and other waxes			0,2	0,1	0,1
19204200	Petroleum coke; petroleum bitumen and other residues of petroleum oils	0,7		1,1	0,9	0,9
C20	Manufacture of chemicals and chemical products	63,9	74,5	80,3	50,2	48,7
C201	Manufacture of basic chemicals, fertilisers and nitrogen compounds, plastic	50,8	60,6	56,0	36,8	35,7
C2011	Manufacture of industrial gases	2,6			2,0	1,9
20111100	Hydrogen, argon, rare gases, nitrogen and oxygen	1,0			0,8	0,7
20111200	Carbon dioxide and other inorganic oxygen compounds of non-metals	1,6			1,2	1,2
C2012	Manufacture of dyes and pigments	3,4	6,9	2,2	1,0	1,0
20121900	Other metal oxides, peroxides and hydroxides	1,0	2,1		0,0	0,0
20122100	Synthetic organic colouring matter and preparations based thereon; synthetic	0,3	0,5	2,2	0,8	0,7
20122400	Colouring matter n.e.c.; inorganic products of a kind used as luminophores	2,1	4,2		0,2	0,2
C2013	Manufacture of other inorganic basic chemicals	10,7	10,7	8,3	7,3	7,1
20131400	Fuel elements (cartridges), non-irradiated, for nuclear reactors			1,8	0,6	0,6
20132100	Metalloids			0,9	0,3	0,3
20132400	Hydrogen chloride; oleum; diphosphorus pentoxide; other inorganic acids;	2,0	2,6	0,4	0,7	0,7
20132500	Oxides, hydroxides and peroxides; hydrazine and hydroxylamine and their i	0,0		1,9	0,7	0,6
20133100	Metallic halogenates	0,1			0,1	0,1
20133200	Hypochlorites, chlorates and perchlorates	0,4			0,3	0,3
20134100	Sulphides, sulphites and sulphates	3,0	5,2	0,6	0,7	0,7
20134200	Phosphinates, phosphonates, phosphates, polyphosphates and nitrates (exce			0,2	0,1	0,1
20134300	Carbonates	4,3	1,9	1,5	3,1	3,0
20135100	Salts of oxometallic or peroxometallic acids; colloidal precious metals			0,4	0,2	0,1
20136200	Cyanides, cyanide oxides and complex cyanides; fulminates, cyanates and t	0,2		0,2	0,2	0,2
20136300	Hydrogen peroxide	0,7	0,9	0,4	0,4	0,4
C2014	Manufacture of other organic basic chemicals	15,8	17,1	20,7	13,1	12,7
20141100	Acyclic hydrocarbons	0,7		4,0	1,9	1,8
20141200	Cyclic hydrocarbons			4,5	1,5	1,5
20141300	Chlorinated derivatives of acyclic hydrocarbons			0,0	0,0	0,0
20141900	Other derivatives of hydrocarbons			0,1	0,0	0,0
20142200	Monohydric alcohols			1,3	0,4	0,4
20142300	Diols, polyalcohols, cyclical alcohols and derivatives thereof	1,6	0,9	0,6	1,1	1,0

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
20142400	Phenols; phenol-alcohols and derivatives of phenols	1,7		0,1	1,3	1,3
20143100	Industrial monocarboxylic fatty acids; acid oils from refining	0,9	1,2		0,3	0,3
20143200	Saturated acyclic monocarboxylic acids and their derivatives	1,4	1,6	1,0	0,8	0,8
20143300	Unsaturated monocarboxylic, cyclanic, cyclenic or cycloterpenic acyclic po			1,5	0,5	0,5
20143400	Aromatic polycarboxylic and carboxylic acids with additional oxygen funct			0,6	0,2	0,2
20144200	Oxygen-function amino-compounds, except lysine and glutamic acid			0,6	0,2	0,2
20144300	Ureines; carboxymide-function compounds, nitrile function compounds; der			0,8	0,3	0,2
20144400	Compounds with other nitrogen functions			0,2	0,1	0,1
20145100	Organo-sulphur and other organo-inorganic compounds			0,6	0,2	0,2
20145200	Heterocyclic compounds n.e.c.; nucleic acids and their salts	0,5	1,2	0,5	0,2	0,2
20146200	Ketone and quinone function compounds	2,8	2,3	0,2	1,5	1,4
20146300	Ethers, organic peroxides, epoxides, acetals and hemiacetals and their deriv	1,2	2,7	0,5	0,2	0,2
20146400	Enzymes and other organic compounds n.e.c.	2,3	5,1	0,9	0,3	0,3
20147100	Derivates of vegetable or resin products	2,1	2,2	2,7	1,8	1,7
20147400	Undenatured ethyl alcohol of alcoholic strength by volume of = 80 %	0,4			0,3	0,3
C2015	Manufacture of fertilisers and nitrogen compounds	4,9	5,3	4,7	3,6	3,5
20151000	Nitric acid; sulphonitric acids; ammonia	0,8		2,2	1,4	1,3
20153100	Urea			0,6	0,2	0,2
20155100	Potassium chloride (muriate of potash)			1,9	0,7	0,6
20157100	Fertilisers containing three nutrients: nitrogen, phosphorus and potassium	4,1	5,3		1,3	1,2
20157900	Mineral or chemical fertilisers containing at least two nutrients (nitrogen, ph	0,0			0,0	0,0
C2016	Manufacture of plastics in primary forms	11,2	19,9	19,1	8,1	7,9
20161000	Polymers of ethylene, in primary forms	5,4	10,3	7,4	3,1	3,0
20162000	Polymers of styrene, in primary forms	1,3	2,2	1,1	0,6	0,5
20164000	Polyacetals, other polyethers and epoxide resins, in primary forms; polycart	0,9	1,6	2,5	1,0	0,9
20165100	Polymers of propylene or of other olefins, in primary forms	3,2	5,8	1,8	1,0	1,0
20165200	Polymers of vinyl acetate or of other vinyl esters and other vinyl polymers, i			1,0	0,3	0,3
20165300	Acrylic polymers, in primary forms			2,0	0,7	0,7
20165400	Polyamides, in primary forms			1,4	0,5	0,5
20165500	Urea resins, thiourea resins and melamine resins, in primary forms	0,1			0,0	0,0
20165600	Other amino-resins, phenolic resins and polyurethanes, in primary forms	0,4		0,7	0,5	0,5
20165700	Silicones, in primary forms			0,6	0,2	0,2
20165900	Other plastics, in primary forms, n.e.c.	0,0	0,0	0,8	0,3	0,3
C2017	Manufacture of synthetic rubber in primary forms	2,2	0,8	1,0	1,7	1,7
20171000	Synthetic rubber in primary forms	2,2	0,8	1,0	1,7	1,7
C202	Manufacture of pesticides and other agrochemical products	0,1		1,3	0,5	0,5
C2020	Manufacture of pesticides and other agrochemical products	0,1		1,3	0,5	0,5
20201100	Insecticides	0,0			0,0	0,0
20201200	Herbicides			0,8	0,3	0,3
20201300	Anti-sprouting products and plant growth regulators	0,0			0,0	0,0
20201500	Fungicides	0,0		0,5	0,2	0,2
C203	Manufacture of paints, varnishes and similar coatings, printing ink and mast	4,6	5,4	3,5	2,8	2,7
C2030	Manufacture of paints, varnishes and similar coatings, printing ink and mast	4,6	5,4	3,5	2,8	2,7
20301100	Paints and varnishes based on acrylic or vinyl polymers, in an aqueous med	1,6	1,0	0,4	1,0	1,0

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
20301200	Paints and varnishes based on polyesters, acrylic or vinyl polymers, in a nor	1,2	1,6	1,3	0,8	0,8
20302200	Other paints and varnishes; prepared driers	1,0	2,2	1,2	0,4	0,4
20302400	Printing ink	0,7	0,6	0,7	0,5	0,5
C204	Manufacture of soap and detergents, cleaning and polishing preparations, pe	1,8	1,6	7,7	3,4	3,3
C2041	Manufacture of soap and detergents, cleaning and polishing preparations	1,0		3,1	1,8	1,8
20412000	Organic surface-active agents, except soap			0,6	0,2	0,2
20413100	Soap and organic surface-active products and preparations for use as soap; p	0,0		0,3	0,1	0,1
20413200	Detergents and washing preparations	0,9		1,8	1,3	1,3
20414300	Polishes and creams, for footwear, furniture, floors, coachwork, glass or me	0,1		0,4	0,2	0,2
C2042	Manufacture of perfumes and toilet preparations	0,7	1,6	4,6	1,6	1,5
20421100	Perfumes and toilet waters			0,4	0,1	0,1
20421200	Lip and eye make-up preparations	0,0		0,4	0,1	0,1
20421500	Beauty, make-up or skin-care preparations (including sun tan preparations)	0,6	1,3	1,4	0,5	0,5
20421600	Shampoos, hair lacquers, preparations for permanent waving or straightenin	0,2	0,4	0,4	0,2	0,1
20421700	Lotions and other preparations for use on the hair n.e.c.			0,5	0,2	0,2
20421800	Preparations for oral or dental hygiene (including denture fixative pastes an			0,4	0,1	0,1
20421900	Shaving preparations; personal deodorants and antiperspirants; bath prepara			0,9	0,3	0,3
C205	Manufacture of other chemical products	6,6	6,9	10,7	6,3	6,1
C2051	Manufacture of explosives	0,7			0,5	0,5
20511100	Propellant powders and prepared explosives	0,7			0,5	0,5
C2052	Manufacture of glues	1,5		0,7	1,4	1,4
20521000	Glues	1,5		0,7	1,4	1,4
C2059	Manufacture of other chemical products n.e.c.	4,4	6,9	10,0	4,4	4,2
20591100	Photographic plates and film and instant print film, sensitised, unexposed; p			0,3	0,1	0,1
20591200	Sensitising emulsions for photographic uses; chemical preparations for phot			0,2	0,1	0,1
20594100	Lubricating preparations	0,4	0,8	0,7	0,2	0,2
20594200	Anti-knock preparations; additives for mineral oils and similar products			0,8	0,3	0,2
20595200	Modelling pastes; dental wax and other preparations for use in dentistry wit	4,0	6,1	3,3	2,1	2,0
20595300	Chemical elements in disk form and compounds doped for use in electronic	0,0	0,0			
20595500	Finishing agents, dye carriers to accelerate the dyeing or fixing of dye-stuffs	0,0			0,0	0,0
20595900	Miscellaneous other chemical products n.e.c.			4,5	1,5	1,5
20596000	Gelatines and gelatine derivatives, including milk albumins			0,2	0,1	0,1
C206	Manufacture of man-made fibres			1,1	0,4	0,4
C2060	Manufacture of man-made fibres			1,1	0,4	0,4
20601100	Synthetic staple and tow, not carded or combed			0,4	0,1	0,1
20601200	Polyamide and polyester high tenacity filament yarn			0,1	0,0	0,0
20601400	Synthetic monofilament; strip and the like, of synthetic textile materials			0,3	0,1	0,1
20602100	Artificial staple and tow, not carded or combed			0,4	0,1	0,1
C21	Manufacture of basic pharmaceutical products and pharmaceutical preparati	11,5	17,4	33,6	14,1	12,2
C211	Manufacture of basic pharmaceutical products	0,7	1,4	1,8	0,6	0,6
C2110	Manufacture of basic pharmaceutical products	0,7	1,4	1,8	0,6	0,6
21102000	Lysine, glutamic acid and their salts; quarternary ammonium salts and hydro	0,7	1,4	0,9	0,3	0,3
21105100	Provitamins, vitamins and their derivatives			0,4	0,1	0,1
21105200	Hormones, derivatives thereof; other steroids, used primarily as hormones			0,4	0,1	0,1

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
21105400	Antibiotics			0,1	0,0	0,0
C212	Manufacture of pharmaceutical preparations	10,8	16,0	31,8	13,5	11,6
C2120	Manufacture of pharmaceutical preparations	10,8	16,0	31,8	13,5	11,6
21201100	Medicaments, containing penicillins or other antibiotics	0,0		1,2	0,4	0,4
21201200	Medicaments, containing hormones, but not antibiotics	0,0		2,9	1,0	0,9
21201300	Medicaments, containing alkaloids or derivatives thereof, but not hormones	6,8	14,6	22,7	7,8	6,7
21202100	Antisera and vaccines	0,0	0,0	4,1	1,4	1,2
21202200	Chemical contraceptive preparations based on hormones or spermicides	3,4			2,6	2,2
21202300	Diagnostic reagents and other pharmaceutical preparations			0,1	0,0	0,0
21202400	Adhesive dressings, catgut and similar materials; first-aid boxes	0,6	1,4	0,7	0,3	0,3
C22	Manufacture of rubber and plastic products	25,7	24,1	26,7	20,3	19,7
C221	Manufacture of rubber products	6,1	7,9	9,5	5,1	5,0
C2211	Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber	4,5	6,3	6,0	3,4	3,3
22111100	New pneumatic tyres, of rubber, of a kind used on motor cars	3,5	4,5	4,3	2,5	2,5
22111300	New pneumatic tyres, of rubber, of a kind used on buses, lorries or aircraft	0,5	0,8	0,8	0,3	0,3
22111400	Agrarian tyres; other new pneumatic tyres, of rubber	0,6	0,9	0,9	0,5	0,4
C2219	Manufacture of other rubber products	1,6	1,6	3,5	1,8	1,7
22192000	Unvulcanised rubber and articles thereof; vulcanised rubber, other than hard	0,2		0,8	0,4	0,4
22193000	Tubes, pipes and hoses, of vulcanised rubber other than hard rubber	0,0		0,7	0,3	0,3
22194000	Conveyor or transmission belts or belting, of vulcanised rubber			0,4	0,1	0,1
22196000	Articles of apparel and clothing accessories, of vulcanised rubber other than			0,3	0,1	0,1
22197300	Other articles of vulcanised rubber n.e.c.; hard rubber in all forms and articl	1,3	1,6	1,3	0,8	0,8
C222	Manufacture of plastics products	19,6	16,2	17,3	15,2	14,7
C2221	Manufacture of plastic plates, sheets, tubes and profiles	10,7	9,6	7,4	7,3	7,1
22212100	Artificial guts, of hardened proteins or of cellulosic materials; tubes, pipes a	2,7	0,6	0,7	2,1	2,0
22212900	Other tubes, pipes, hoses and fittings thereof, of plastics	2,2	0,9	1,2	1,7	1,7
22213000	Plates, sheets, film, foil and strip, of plastics, not supported or similarly com	3,1	5,3	4,1	1,9	1,9
22214100	Other plates, sheets, film, foil and strip, of plastics, cellular	1,4	0,3	0,7	1,2	1,1
22214200	Other plates, sheets, film, foil and strip, of plastics, non-cellular	1,4	2,4	0,8	0,5	0,5
C2222	Manufacture of plastic packing goods	2,6	1,1	3,2	2,7	2,6
22221100	Sacks and bags (including cones), of polymers of ethylene	1,2	0,6	0,7	0,9	0,9
22221200	Sacks and bags (including cones), of other plastics than polymers of ethylen	0,2			0,1	0,1
22221300	Boxes, cases, crates and similar articles of plastics	0,9	0,4	0,8	0,8	0,8
22221400	Carboys, bottles, flasks and similar articles of plastics	0,2	0,1	0,6	0,3	0,3
22221900	Other plastic packing goods	0,2		1,1	0,5	0,5
C2223	Manufacture of builders' ware of plastic	1,9	0,8	1,2	1,6	1,5
22231100	Floor, wall or ceiling coverings of plastics, in rolls or in the form of tiles	0,6		1,1	0,8	0,8
22231200	Baths, wash-basins, lavatory pans and covers, flushing cisterns and similar s	0,3	0,8			
22231300	Reservoirs, tanks, vats and similar containers, capacity > 300 l, of plastics	0,8			0,6	0,6
22231400	Doors, windows and frames and thresholds for doors; shutters, blinds and si	0,1			0,1	0,1
22231500	Linoleum and hard non-plastic surface floor coverings, i.e. resilient floor co			0,1	0,0	0,0
22231900	Builders' ware of plastics n.e.c.	0,1			0,0	0,0
C2229	Manufacture of other plastic products	4,4	4,8	5,4	3,6	3,5
22291000	Apparel and clothing accessories (including gloves), of plastics			0,3	0,1	0,1

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
22292100	Self-adhesive plates, sheets, film, foil, tapes, strip and other flat shapes of p			0,3	0,1	0,1
22292200	Other self-adhesive plates, sheets, film, foil, tapes, strip and other flat shape	1,2	2,7	0,4	0,1	0,1
22292300	Tableware, kitchenware, other household articles and toilet articles, of plast	1,3	0,1	0,9	1,3	1,2
22292500	Office or school supplies of plastics	0,0	0,0	0,2	0,1	0,1
22292900	Other articles of plastics	0,9	1,9	3,3	1,1	1,1
22299100	Manufacturing services of other plastic products	1,0			0,8	0,7
C23	Manufacture of other non-metallic mineral products	22,4	11,9	12,4	17,1	16,5
C231	Manufacture of glass and glass products	4,7	5,6	4,7	3,2	3,1
C2311	Manufacture of flat glass	0,2		1,3	0,6	0,6
23111200	Float glass and surface ground or polished glass, in sheets, but not otherwise	0,2		1,3	0,6	0,6
C2312	Shaping and processing of flat glass	2,4	3,1	1,1	1,1	1,1
23121100	Glass in sheets, bent, edge-worked, engraved, drilled, enamelled or otherwis			0,1	0,0	0,0
23121200	Safety glass	1,9	3,1	0,7	0,6	0,6
23121300	Glass mirrors; multiple walled insulating units of glass	0,5		0,4	0,5	0,5
C2313	Manufacture of hollow glass	0,3		1,3	0,7	0,6
23131100	Bottles, jars, phials and other containers, of glass, except ampoules; stopper			1,0	0,3	0,3
23131200	Drinking glasses other than of glass-ceramics	0,3		0,3	0,3	0,3
C2314	Manufacture of glass fibres	1,8	2,5	0,9	0,8	0,8
23141100	Slivers, rovings, yarn and chopped strands, of glass fibre	0,1	0,2		0,0	0,0
23141200	Voiles, webs, mats, mattresses, boards and other articles of glass fibres, exc	1,7	2,3	0,9	0,8	0,8
C232	Manufacture of refractory products	0,0	0,1	1,3	0,4	0,4
C2320	Manufacture of refractory products	0,0	0,1	1,3	0,4	0,4
23201200	Refractory bricks, blocks, tiles and similar refractory ceramic constructional			0,6	0,2	0,2
23201300	Refractory cements, mortars, concretes and similar compositions n.e.c.			0,4	0,1	0,1
23201400	Unfired refractory products and other refractory ceramic goods	0,0	0,1	0,3	0,1	0,1
C233	Manufacture of clay building materials	0,4		1,3	0,7	0,7
C2331	Manufacture of ceramic tiles and flags			1,3	0,4	0,4
23311000	Ceramic tiles and flags			1,3	0,4	0,4
C2332	Manufacture of bricks, tiles and construction products, in baked clay	0,4			0,3	0,3
23321100	Non-refractory ceramic building bricks, flooring blocks, support or filler tile	0,4			0,3	0,3
C234	Manufacture of other porcelain and ceramic products	1,2	0,9	1,3	1,1	1,1
C2341	Manufacture of ceramic household and ornamental articles	0,4		1,3	0,8	0,7
23411100	Tableware, kitchenware, other household articles and toilet articles, of porce			1,3	0,5	0,4
23411200	Tableware, kitchenware, other household articles and toilet articles, other th	0,4			0,3	0,3
C2342	Manufacture of ceramic sanitary fixtures	0,7	0,9		0,2	0,2
23421000	Ceramic sanitary fixtures	0,7	0,9		0,2	0,2
C2349	Manufacture of other ceramic products	0,2			0,2	0,2
23491200	Other non-structural ceramic articles n.e.c.	0,2			0,2	0,2
C235	Manufacture of cement, lime and plaster	1,7	0,2	1,5	1,8	1,7
C2351	Manufacture of cement	1,2		0,9	1,2	1,2
23511200	Portland cement, aluminous cement, slag cement and similar hydraulic ceme	1,2		0,9	1,2	1,2
C2352	Manufacture of lime and plaster	0,6	0,2	0,6	0,6	0,6
23521000	Quicklime, slaked lime and hydraulic lime	0,4		0,6	0,5	0,5
23522000	Plaster	0,1	0,2		0,0	0,0

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
C236	Manufacture of articles of concrete, cement and plaster	9,2	1,0		6,6	6,4
C2361	Manufacture of concrete products for construction purposes	5,6	0,4		4,1	4,0
23611100	Tiles, flagstones, bricks and similar articles, of cement, concrete or artificial	0,9	0,4		0,5	0,5
23611200	Prefabricated structural components for building or civil engineering, of cer	4,7			3,6	3,5
C2362	Manufacture of plaster products for construction purposes	0,5	0,2		0,3	0,3
23621000	Plaster products for construction purposes	0,5	0,2		0,3	0,3
C2363	Manufacture of ready-mixed concrete	2,3			1,7	1,7
23631000	Ready-mixed concrete	2,3			1,7	1,7
C2364	Manufacture of mortars	0,3			0,2	0,2
23641000	Mortars	0,3			0,2	0,2
C2365	Manufacture of fibre cement	0,2	0,4		0,0	0,0
23651200	Articles of asbestos-cement, cellulose fibre-cement or the like	0,2	0,4		0,0	0,0
C2369	Manufacture of other articles of concrete, plaster and cement	0,3			0,2	0,2
23691900	Articles of cement, concrete or artificial stone n.e.c.	0,3			0,2	0,2
C237	Cutting, shaping and finishing of stone	1,3	0,7		0,7	0,7
C2370	Cutting, shaping and finishing of stone	1,3	0,7		0,7	0,7
23701200	Other worked ornamental or building stone and articles thereof; other artific	1,3	0,7		0,7	0,7
C239	Manufacture of abrasive products and non-metallic mineral products n.e.c.	3,9	3,5	2,3	2,5	2,4
C2391	Production of abrasive products	1,6	3,5	0,6	0,2	0,2
23911100	Millstones, grindstones, grinding wheels and the like, without frameworks, f			0,4	0,1	0,1
23911200	Abrasive powder or grain, on a base of textile fabric, paper or paperboard	1,6	3,5	0,2	0,1	0,1
C2399	Manufacture of other non-metallic mineral products n.e.c.	2,3		1,7	2,3	2,3
23991200	Articles of asphalt or of similar material	0,5			0,3	0,3
23991400	Artificial graphite; colloidal or semi-colloidal graphite; preparations based o			0,1	0,0	0,0
23991900	Non-metallic mineral products n.e.c.	1,8		1,6	1,9	1,9
C24	Manufacture of basic metals	83,2	122,8	65,0	43,0	41,6
C241	Manufacture of basic iron and steel and of ferro-alloys	42,4	63,8	21,9	17,7	17,2
C2410	Manufacture of basic iron and steel and of ferro-alloys	42,4	63,8	21,9	17,7	17,2
24101200	Ferro-alloys	0,4	0,9	7,3	2,5	2,4
24102100	Non alloy steel in ingots or other primary forms and semi-finished products	1,2	2,7	0,3	0,1	0,1
24103100	Flat rolled products of non alloy steel, not further worked than hot rolled, of	6,5	14,4	2,0	0,7	0,7
24103200	Flat rolled products of non alloy steel, not further worked than hot rolled, of			0,1	0,0	0,0
24103300	Flat rolled products of stainless steel, not further worked than hot rolled, of	14,7	23,5	1,3	3,5	3,4
24103500	Flat rolled products of other alloy steel, not further worked than hot rolled, o			0,7	0,2	0,2
24104100	Flat rolled products of non alloy steel, not further worked than cold rolled, c	5,7	1,4	0,6	4,0	3,9
24104200	Flat rolled products of stainless steel, not further worked than cold rolled, o	0,0	0,0	1,2	0,4	0,4
24104300	Flat rolled products of other-alloy steel, not further worked than cold rolled			0,1	0,0	0,0
24105100	Flat rolled products of non alloy steel, of a width of = 600 mm, clad, plated	7,6	12,6	3,2	2,5	2,5
24106100	Bars and rods, hot rolled, in irregularly wound coils, of non alloy steel	4,4	4,3	1,2	2,3	2,2
24106200	Other bars and rods of steel, not further worked than forged, hot rolled, hot-	1,8	3,9	2,2	0,8	0,7
24106400	Other bars and rods of stainless steel, not further worked than forged, hot ro			0,3	0,1	0,1
24107100	Open sections, not further worked than hot rolled, hot-drawn or extruded, of			0,8	0,3	0,3
24107500	Railway or tramway track construction material of steel			0,6	0,2	0,2
C242	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	5,2	6,3	13,4	6,3	6,1

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
C2420	Manufacture of tubes, pipes, hollow profiles and related fittings, of steel	5,2	6,3	13,4	6,3	6,1
24203300	Other tubes and pipes, of circular cross section, welded, of an external diam	3,9	4,2	7,7	4,1	4,0
24203400	Tubes and pipes, of non-circular cross-section, welded, of an external diam	0,0	0,0			
24204000	Tube or pipe fittings of steel, not cast	1,3	2,1	5,7	2,2	2,1
C243	Manufacture of other products of first processing of steel	2,4	3,4	2,9	1,6	1,6
C2431	Cold drawing of bars			1,5	0,5	0,5
24311000	Cold drawn bars and solid profiles of non alloy steel			1,5	0,5	0,5
C2432	Cold rolling of narrow strip	2,1	2,8		0,6	0,6
24321000	Flat cold rolled steel products, uncoated, of a width of < 600 mm	1,2	2,8			
24322000	Flat cold rolled steel products, clad, plated or coated, of a width of < 600 m	0,8			0,6	0,6
C2433	Cold forming or folding	0,3	0,7			
24332000	Ribbed sheets of non alloy steel	0,3	0,7			
C2434	Cold drawing of wire	0,0		1,4	0,5	0,5
24341100	Cold drawn wire of non alloy steel	0,0		1,4	0,5	0,5
C244	Manufacture of basic precious and other non-ferrous metals	30,9	49,3	26,8	15,6	15,1
C2442	Aluminium production	3,0	2,1	5,0	3,2	3,1
24421100	Aluminium, unwrought	0,8	0,5	1,7	1,0	1,0
24422200	Aluminium bars, rods and profiles	2,1	1,7	0,8	1,3	1,3
24422400	Aluminium plates, sheets and strip, of a thickness > 0,2 mm			1,5	0,5	0,5
24422500	Aluminium foil, of a thickness = 0,2 mm	0,0	0,0	1,0	0,4	0,3
C2443	Lead, zinc and tin production	3,6	7,9			
24431200	Zinc, unwrought	3,6	7,9			
24439900	Sub-contracted operations as part of manufacturing of lead, zinc and tin	0,0	0,0			
C2444	Copper production	14,0	18,4	7,1	6,7	6,5
24441200	Copper, unrefined; copper anodes for electrolytic refining	0,0	0,0			
24441300	Refined copper and copper alloys, unwrought; master alloys of copper	9,3	9,9	0,8	3,9	3,8
24442200	Copper bars, rods and profiles	1,6	2,4	0,4	0,5	0,5
24442300	Copper wire	0,1		3,9	1,4	1,3
24442400	Copper plates, sheets and strip, of a thickness > 0,15 mm	0,0	0,0	0,8	0,3	0,3
24442500	Copper foil, of a thickness = 0,15 mm			0,1	0,0	0,0
24442600	Copper tubes, pipes and tube or pipe fittings	3,0	6,1	1,1	0,6	0,6
C2445	Other non-ferrous metal production	10,3	20,8	14,7	5,6	5,5
24451100	Nickel, unwrought	6,6	12,9	7,2	3,0	2,9
24451200	Nickel mattes, nickel oxide sinters and other intermediate products of nick			7,5	2,6	2,5
24453000	Other non-ferrous metals and articles thereof: cermets; ash and residues, co	3,7	8,0		0,1	0,1
C245	Casting of metals	2,3			1,8	1,7
C2451	Casting of iron	1,5			1,2	1,1
24511100	Casting services of malleable cast iron	0,8			0,6	0,6
24511200	Casting services of spheroidal cast iron	0,3			0,3	0,2
24511300	Casting services of grey cast iron	0,5			0,3	0,3
C2452	Casting of steel	0,0			0,0	0,0
24521000	Casting services of steel	0,0			0,0	0,0
C2453	Casting of light metals	0,7			0,5	0,5
24531000	Casting services of light metals	0,7			0,5	0,5

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
C2454	Casting of other non-ferrous metals	0,1			0,1	0,1
24541000	Casting services of other non-ferrous metals	0,1			0,1	0,1
C25	Manufacture of fabricated metal products, except machinery and equipment	60,4	23,5	26,5	46,7	45,3
C251	Manufacture of structural metal products	17,6	4,3	3,8	13,1	12,7
C2511	Manufacture of metal structures and parts of structures	15,7	3,9	3,1	11,6	11,3
25111000	Prefabricated buildings of metal	2,2	0,6	0,3	1,6	1,5
25112200	Towers and lattice masts of iron or steel	0,5			0,3	0,3
25112300	Other structures and parts of structures, plates, rods, angles, shapes and the	13,1	3,3	2,8	9,7	9,4
C2512	Manufacture of doors and windows of metal	1,9	0,5	0,7	1,5	1,5
25121000	Doors, windows and their frames and thresholds for doors, of metal	1,9	0,5	0,7	1,5	1,5
C252	Manufacture of tanks, reservoirs and containers of metal	2,2	1,5		1,2	1,1
C2521	Manufacture of central heating radiators and boilers	0,8	1,1		0,2	0,2
25211100	Central heating radiators, not electrically heated, of iron or steel	0,5	1,1		0,0	0,0
25211200	Central heating boilers, for producing hot water or low pressure steam	0,3			0,2	0,2
C2529	Manufacture of other tanks, reservoirs and containers of metal	1,4	0,4		0,9	0,9
25291100	Reservoirs, tanks, vats and similar containers (other than for compressed or	0,9	0,4		0,5	0,5
25291200	Containers for compressed or liquefied gas, of metal	0,5			0,4	0,4
C253	Manufacture of steam generators, except central heating hot water boilers	1,3	3,0			
C2530	Manufacture of steam generators, except central heating hot water boilers	1,3	3,0			
25301300	Parts of steam generators	1,3	3,0			
C254	Manufacture of weapons and ammunition	0,8	0,7		0,4	0,4
C2540	Manufacture of weapons and ammunition	0,8	0,7		0,4	0,4
25401200	Revolvers, pistols, non-military firearms and similar devices	0,3	0,7			
25401300	Bombs, missiles and similar munitions of war; cartridges, other ammunition	0,5			0,4	0,4
C255	Forging, pressing, stamping and roll-forming of metal; powder metallurgy	0,5			0,4	0,4
C2550	Forging, pressing, stamping and roll-forming of metal; powder metallurgy	0,5			0,4	0,4
25501100	Forging services of metal	0,5			0,4	0,4
C256	Treatment and coating of metals; machining	26,5			20,1	19,4
C2561	Treatment and coating of metals	3,6			2,7	2,6
25611100	Metallic coating services of metal	1,3			1,0	1,0
25611200	Non-metallic coating services of metal	0,0			0,0	0,0
25612100	Heat treatment services of metal, other than metallic coating	0,3			0,2	0,2
25612200	Other surface treatment services of metal	2,0			1,5	1,5
C2562	Machining	22,9			17,3	16,8
25621000	Turning services of metal parts	5,5			4,1	4,0
25622000	Other machining services	17,4			13,2	12,8
C257	Manufacture of cutlery, tools and general hardware	3,5	4,8	7,6	3,6	3,5
C2571	Manufacture of cutlery	0,2	0,2	0,7	0,3	0,3
25711100	Knives (except for machines) and scissors and blades thereof	0,2	0,2		0,1	0,1
25711400	Spoons, forks, ladles, skimmers, cake-servers, fish-knives, butter-knives, su			0,7	0,2	0,2
C2572	Manufacture of locks and hinges	1,5	2,2	2,3	1,2	1,2
25721100	Padlocks, locks used for motor vehicles and for furniture, of base metal	0,0			0,0	0,0
25721200	Other locks, of base metal	0,8	0,8		0,3	0,3
25721400	Hinges, mountings, fittings and similar articles, suitable for motor vehicles,	0,7	1,4	2,3	0,9	0,8

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
C2573	Manufacture of tools	1,8	2,4	4,6	2,1	2,0
25731000	Hand tools of a kind used in agriculture, horticulture or forestry	0,3			0,2	0,2
25732000	Hand saws; blades for saws of all kinds			0,6	0,2	0,2
25733000	Other hand tools			1,7	0,6	0,6
25734000	Interchangeable tools for hand tools, whether or not power-operated, or for			1,0	0,3	0,3
25736000	Other tools	1,4	2,4	1,4	0,7	0,7
C259	Manufacture of other fabricated metal products	7,9	9,2	15,2	8,0	7,8
C2591	Manufacture of steel drums and similar containers	0,1			0,1	0,1
25911100	Tanks, casks, drums, cans, boxes and similar containers, for any material (e	0,0			0,0	0,0
25911200	Tanks, casks, drums, cans (except those to be closed by soldering or crimpin	0,1			0,1	0,1
C2592	Manufacture of light metal packaging	0,5	0,6	2,2	0,9	0,9
25921100	Cans, of iron or steel, to be closed by soldering or crimping, of a capacity < 50 l			0,1	0,0	0,0
25921200	Aluminium casks, drums, cans, boxes and similar containers, for any materi	0,4	0,6	1,7	0,6	0,6
25921300	Crown corks and stoppers, caps and lids, of base metal	0,1		0,5	0,2	0,2
C2593	Manufacture of wire products, chain and springs	1,7	1,2	3,3	1,9	1,9
25931100	Stranded wire, cables, plaited bands, slings and the like, of iron or steel, not	0,1		0,8	0,3	0,3
25931200	Barbed wire, of iron or steel; stranded wire, cables, plaited bands and the lik	0,0	0,0			
25931300	Cloth, grills, netting and fencing, of iron, steel or copper wire; expanded me	0,6	0,5	0,7	0,5	0,5
25931400	Nails, tacks, drawing pins, staples and similar articles	0,7		0,6	0,7	0,7
25931500	Wire, rods, tubes, plates, electrodes, coated or cored with flux material			0,3	0,1	0,1
25931600	Springs and leaves for springs, of iron or steel; copper springs	0,3	0,7	0,6	0,2	0,2
25931700	Chain (except articulated link chain) and parts thereof	0,0		0,2	0,1	0,1
C2594	Manufacture of fasteners and screw machine products	0,4	0,9	2,0	0,7	0,7
25941100	Threaded fasteners, of iron or steel, n.e.c.	0,4	0,9	1,7	0,6	0,6
25941200	Non-threaded fasteners, of iron or steel, n.e.c.			0,4	0,1	0,1
C2599	Manufacture of other fabricated metal products n.e.c.	5,3	6,5	7,6	4,4	4,2
25991100	Sinks, wash-basins, baths and other sanitary ware, and parts thereof, of iron	0,4			0,3	0,3
25991200	Table, kitchen or household articles and parts thereof, of iron, steel, copper	0,2		1,2	0,5	0,5
25992900	Other articles of base metal n.e.c.	4,4	6,5	6,4	3,3	3,2
25999900	Sub-contracted operations as part of manufacturing of other fabricated meta	0,3			0,2	0,2
C26	Manufacture of computer, electronic and optical products	55,0	107,1	97,1	37,9	36,7
C261	Manufacture of electronic components and boards	2,8	4,1	10,7	4,4	4,2
C2611	Manufacture of electronic components	1,1	2,5	8,3	2,8	2,7
26112100	Diodes; transistors; thyristors, diacs and triacs			1,7	0,6	0,5
26112200	Semiconductor devices; light-emitting diodes; mounted piezo-electric crysta			1,4	0,5	0,5
26113000	Electronic integrated circuits			5,2	1,8	1,7
26114000	Parts of electronic valves and tubes and of other electronic components n.e.	1,1	2,5			
C2612	Manufacture of loaded electronic boards	1,7	1,6	2,4	1,6	1,5
26121000	Loaded printed circuits	1,7	1,6	1,7	1,3	1,3
26123000	Smart cards			0,7	0,2	0,2
C262	Manufacture of computers and peripheral equipment	1,2	2,4	22,0	7,6	7,3
C2620	Manufacture of computers and peripheral equipment	1,2	2,4	22,0	7,6	7,3
26201100	Portable automatic data processing machines weighing = 10 kg. such as lapt			7,4	2,5	2,4
26201300	Digital automatic data processing machines, comprising in the same housin	0,0			0,0	0,0

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
26201400	Digital automatic data processing machines presented in the form of system			1,2	0,4	0,4
26201500	Other digital automatic data processing machines, whether or not containing	0,0	0,0	2,9	1,0	1,0
26201600	Input or output units, whether or not containing storage units in the same ho	1,1	2,4	1,8	0,6	0,6
26201700	Monitors and projectors, principally used in an automatic data processing sy			1,0	0,3	0,3
26201800	Units performing two or more of the following functions: printing, scanning			0,8	0,3	0,3
26202100	Storage units			2,6	0,9	0,9
26203000	Other units of automatic data processing machines	0,0		1,5	0,5	0,5
26204000	Parts and accessories of computing machines	0,0		2,7	0,9	0,9
C263	Manufacture of communication equipment	37,3	76,9	35,8	14,0	13,6
C2630	Manufacture of communication equipment	37,3	76,9	35,8	14,0	13,6
26301100	Transmission apparatus incorporating reception apparatus	0,2	0,3	2,2	0,8	0,8
26302200	Telephones for cellular networks or for other wireless networks	20,4	42,1	7,9	3,7	3,6
26302300	Other telephone sets and apparatus for transmission or reception of voice, in	8,3	18,2	7,0	2,4	2,4
26303000	Parts of electrical telephonic or telegraphic apparatus	0,0	0,0	18,7	6,3	6,1
26304000	Aerials and aerial reflectors of all kind and parts thereof; parts of radio and	8,4	16,3		0,7	0,7
26305000	Burglar or fire alarms and similar apparatus	0,0	0,0		0,0	0,0
C264	Manufacture of consumer electronics	0,5	0,8	11,3	3,9	3,8
C2640	Manufacture of consumer electronics	0,5	0,8	11,3	3,9	3,8
26401100	Radio broadcast receivers (except for cars), capable of operating without an			0,5	0,2	0,2
26401200	Radio broadcast receivers not capable of operating without an external sour			0,1	0,0	0,0
26402000	Television receivers, whether or not combined with radio-broadcast receive			4,8	1,6	1,6
26403200	Magnetic tape recorders and other sound recording apparatus			0,3	0,1	0,1
26403300	Video camera recorders and other video recording or reproducing apparatus			2,4	0,8	0,8
26404100	Microphones and stands thereof			0,1	0,0	0,0
26404200	Loudspeakers; headphones, earphones and combined microphone/speaker s	0,5	0,8	1,2	0,5	0,5
26404300	Audio-frequency electric amplifiers; electric sound amplifier sets			0,2	0,1	0,1
26406000	Video game consoles (used with a television receiver or having a self-conta			1,8	0,6	0,6
C265	Manufacture of instruments and appliances for measuring, testing and navig	9,0	14,6	11,6	5,7	5,6
C2651	Manufacture of instruments and appliances for measuring, testing and navig	9,0	14,5	10,7	5,4	5,3
26511100	Direction-finding compasses; other navigational instruments and appliances	1,4	2,8		0,1	0,1
26511200	Rangefinders, theodolites and tachymeters (tachometers); other surveying, h			0,7	0,2	0,2
26512000	Radar apparatus and radio navigational aid apparatus			1,0	0,3	0,3
26514400	Instruments and apparatus for telecommunications	0,7	1,3	0,8	0,4	0,4
26514500	Instruments and apparatus for measuring or checking electrical quantities n.	0,2		0,3	0,2	0,2
26515100	Hydrometers, thermometers, pyrometers, barometers, hygrometers and psyc	0,0	0,0			
26515200	Instruments for measuring or checking the flow, level, pressure or other vari	1,0	1,4	0,9	0,6	0,6
26515300	Instruments and apparatus for physical or chemical analysis n.e.c.	1,6	2,7	1,3	0,7	0,7
26516200	Machines and appliances for testing the mechanical properties of materials	0,2	0,2		0,1	0,1
26516300	Gas, liquid or electricity supply or production meters	0,0	0,0			
26516400	Revolution and production counters, taximeters; speed indicators and tacho	0,1		0,4	0,2	0,2
26516600	Measuring or checking instruments, appliances and machines n.e.c.	1,5	2,1	1,5	1,0	0,9
26517000	Thermostats, manostats and other automatic regulating or controlling instrum	0,9	1,2	1,1	0,7	0,6
26518200	Parts and accessories for the goods of 26.51.12, 26.51.32, 26.51.33, 26.51.4	0,7	1,5			
26518500	Parts and accessories of instruments and apparatus of 26.51.65, 26.51.66 an	0,7	1,4	2,6	0,9	0,9

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
C2652	Manufacture of watches and clocks	0,0	0,1	0,9	0,3	0,3
26521100	Wrist watches, pocket watches, with case of precious metal or of metal clad			0,2	0,1	0,1
26521200	Other wrist watches, pocket watches and other watches, including stop watc	0,0	0,1	0,5	0,2	0,2
26522700	Other clock and watch parts			0,2	0,1	0,1
C266	Manufacture of irradiation, electromedical and electrotherapeutic equipmen	4,2	8,2	2,9	1,3	1,3
C2660	Manufacture of irradiation, electromedical and electrotherapeutic equipmen	4,2	8,2	2,9	1,3	1,3
26601100	Apparatus based on the use of X-rays or of alpha, beta or gamma radiations	4,2	8,2	1,4	0,8	0,8
26601200	Electro-diagnostic apparatus used in medical science			1,0	0,4	0,3
26601400	Pacemakers; hearing aids			0,5	0,2	0,2
C267	Manufacture of optical instruments and photographic equipment	0,0	0,0	2,6	0,9	0,9
C2670	Manufacture of optical instruments and photographic equipment	0,0	0,0	2,6	0,9	0,9
26701300	Digital cameras			2,6	0,9	0,9
26702200	Binoculars, monoculars and other optical telescopes; other astronomical ins	0,0	0,0			
C268	Manufacture of magnetic and optical media			0,3	0,1	0,1
C2680	Manufacture of magnetic and optical media			0,3	0,1	0,1
26801100	Magnetic media, not recorded, except cards with a magnetic stripe			0,1	0,0	0,0
26801200	Optical media, not recorded			0,2	0,1	0,1
C27	Manufacture of electrical equipment	43,6	72,0	50,0	25,4	24,6
C271	Manufacture of electric motors, generators, transformers and electricity dist	31,4	51,8	18,3	12,3	11,9
C2711	Manufacture of electric motors, generators and transformers	23,7	44,4	12,3	6,9	6,7
27111000	Motors of an output = 37,5 W; other DC motors; DC generators			0,7	0,3	0,2
27112200	AC motors, single-phase			0,2	0,1	0,1
27112300	AC motors, multi-phase, of an output = 750 W	4,4	9,6		0,0	0,0
27112400	AC motors, multi-phase, of an output > 750 W but = 75 kW			1,5	0,5	0,5
27112600	AC generators (alternators)	1,4			1,1	1,1
27113100	Generating sets with compression-ignition internal combustion piston engin	1,9	4,2	0,3	0,1	0,1
27113200	Generating sets with spark-ignition engines; other generating sets; electric r	1,7	3,8	0,1	0,0	0,0
27114100	Liquid dielectric transformers	1,1	2,5			
27114200	Other transformers, having a power handling capacity = 16 kVA			1,3	0,5	0,4
27115000	Ballasts for discharge lamps or tubes; static converters; other inductors	8,3	15,3	4,2	2,4	2,3
27116100	Parts suitable for electrical motors and generators	4,1	9,0	2,0	0,7	0,7
27116200	Parts of transformers, inductors and static converters	0,8		2,0	1,3	1,2
C2712	Manufacture of electricity distribution and control apparatus	7,7	7,4	6,1	5,4	5,2
27121000	Electrical apparatus for switching or protecting electrical circuits, for a volt	2,3	3,1	0,6	0,9	0,9
27122200	Automatic circuit breakers, for a voltage = 1000 V			0,6	0,2	0,2
27122300	Apparatus for protecting electrical circuits n.e.c., for a voltage = 1000 V			0,5	0,2	0,2
27122400	Relays, for a voltage = 1000 V	0,2		0,6	0,4	0,4
27123100	Boards and other bases, equipped with electrical switching or protecting app	3,2	2,5	1,7	2,2	2,1
27124000	Parts of electricity distribution or control apparatus	2,0	1,8	2,1	1,6	1,5
C272	Manufacture of batteries and accumulators			3,0	1,0	1,0
C2720	Manufacture of batteries and accumulators			3,0	1,0	1,0
27201100	Primary cells and primary batteries			0,4	0,1	0,1
27202100	Lead-acid accumulators for starting piston engines			0,7	0,3	0,2
27202200	Lead-acid accumulators, excluding for starting piston engines			0,5	0,2	0,2

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
27202300	Nickel-cadmium, nickel metal hydride, lithium-ion, lithium polymer, nickel			1,4	0,5	0,5
C273	Manufacture of wiring and wiring devices	5,4	8,9	9,4	4,3	4,1
C2731	Manufacture of fibre optic cables	0,5		0,5	0,5	0,5
27311100	Optical fibre cables made up of individually sheathed fibres	0,5			0,4	0,3
27311200	Optical fibres and optical fibre bundles; optical fibre cables (except those m			0,5	0,2	0,2
C2732	Manufacture of other electronic and electric wires and cables	3,7	6,1	5,0	2,4	2,3
27321100	Insulated winding wire			1,1	0,4	0,4
27321200	Coaxial cable and other coaxial electric conductors	0,6	0,8	0,2	0,2	0,2
27321300	Other electric conductors, for a voltage = 1000 V	3,1	5,3	3,6	1,8	1,7
C2733	Manufacture of wiring devices	1,3	2,8	4,0	1,4	1,3
27331100	Switches, for a voltage = 1000 V	0,7	1,5	1,1	0,4	0,4
27331300	Plugs, sockets and other apparatus for switching or protecting electrical circ	0,6	1,3	2,9	1,0	1,0
C274	Manufacture of electric lighting equipment	2,0	3,6	6,2	2,4	2,3
C2740	Manufacture of electric lighting equipment	2,0	3,6	6,2	2,4	2,3
27401100	Sealed beam lamp units			0,0	0,0	0,0
27401200	Tungsten halogen filament lamps, excluding ultraviolet or infra-red lamps			0,2	0,1	0,1
27401500	Discharge lamps; ultra-violet or infra-red lamps; arc lamps			1,1	0,4	0,4
27402300	Non-electrical lamps and lighting fittings			0,4	0,1	0,1
27402400	Illuminated signs, illuminated name-plates and the like	0,2			0,1	0,1
27402500	Chandeliers and other electric ceiling or wall lighting fittings	0,5	0,8	2,0	0,8	0,8
27403300	Searchlights and spotlights	0,5	0,9	0,6	0,2	0,2
27403900	Other lamps and lighting fittings n.e.c.	0,8	1,8	1,8	0,6	0,6
27404200	Parts of lamps and lighting fittings	0,0	0,0			
C275	Manufacture of domestic appliances	1,7	2,1	8,1	3,4	3,3
C2751	Manufacture of electric domestic appliances	1,6	2,1	7,4	3,0	2,9
27511100	Refrigerators and freezers, of the household type	0,0		1,7	0,6	0,6
27511200	Dish washing machines, of the household type			0,7	0,2	0,2
27511300	Cloth washing and drying machines, of the household type	0,2	0,4	1,4	0,5	0,4
27512100	Electro-mechanical domestic appliances, with self-contained electric motor			0,9	0,3	0,3
27512200	Shavers, hair-removing appliances and hair clippers, with self-contained ele			0,2	0,1	0,1
27512300	Electro-thermic hair-dressing or hand-drying apparatus; electric smoothing			0,2	0,1	0,1
27512400	Other electro-thermic appliances			0,6	0,2	0,2
27512500	Electrical instantaneous or storage water heaters and immersion heaters	0,1			0,1	0,1
27512600	Electric space heating apparatus and electric soil heating apparatus	0,8	1,1	0,4	0,3	0,3
27512700	Microwave ovens			0,1	0,0	0,0
27512800	Other ovens; cookers, cooking plates, boiling rings; grillers, roasters	0,4	0,6	0,5	0,3	0,2
27512900	Electric heating resistors	0,1		0,4	0,2	0,2
27513000	Parts of electric domestic appliances			0,3	0,1	0,1
C2752	Manufacture of non-electric domestic appliances	0,1		0,7	0,3	0,3
27521100	Domestic cooking appliances and plate warmers, of iron or steel or of coppe			0,7	0,3	0,2
27521200	Other domestic appliances, for gas fuel or for both gas and other fuels, for li	0,0			0,0	0,0
27522000	Parts of stoves, cookers, plate warmers and similar non-electric domestic ap	0,1			0,1	0,1
C279	Manufacture of other electrical equipment	3,1	5,6	5,0	2,1	2,0
C2790	Manufacture of other electrical equipment	3,1	5,6	5,0	2,1	2,0

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
27902000	Indicator panels with liquid crystal devices or light-emitting diodes; electric	0,8	1,6	0,6	0,2	0,2
27903100	Electrical machinery and apparatus for soldering, brazing or welding; electr	0,9	1,5	0,4	0,3	0,3
27903300	Parts of other electrical equipment; electrical parts of machinery or apparatu	0,9	1,4	2,0	0,9	0,8
27905100	Fixed capacitors for 50/60 Hz circuits having a reactive power handling cap	0,5	1,2		0,0	0,0
27905200	Other fixed capacitors			1,4	0,5	0,5
27906000	Electrical resistors, except heating resistors			0,5	0,2	0,1
C28	Manufacture of machinery and equipment n.e.c.	94,6	143,3	84,4	51,1	49,6
C281	Manufacture of general-purpose machinery	18,6	31,4	26,7	12,4	12,0
C2811	Manufacture of engines and turbines, except aircraft, vehicle and cycle engi	4,3	9,4	5,4	1,9	1,8
28111100	Outboard motors for marine propulsion			0,8	0,3	0,3
28111200	Marine propulsion spark-ignition engines; other engines	0,3	0,6			
28111300	Other compression-ignition internal combustion piston engines	1,6	3,5	1,6	0,6	0,5
28114100	Parts for spark-ignition internal combustion engines, excluding parts for air	0,2	0,5	0,5	0,2	0,2
28114200	Parts for other engines n.e.c.	2,2	4,7	2,5	0,9	0,8
C2812	Manufacture of fluid power equipment	1,6	2,8	4,1	1,6	1,6
28121100	Linear acting hydraulic and pneumatic motors (cylinders)	0,9	1,5	0,3	0,3	0,3
28121200	Rotating hydraulic and pneumatic motors	0,6	1,3	1,2	0,4	0,4
28121300	Hydraulic pumps			0,7	0,2	0,2
28121400	Hydraulic and pneumatic valves	0,0	0,0	1,9	0,6	0,6
C2813	Manufacture of other pumps and compressors	2,7	4,7	5,8	2,4	2,4
28131100	Pumps for fuel, lubricants, cooling-medium and concrete	0,3	0,4	0,9	0,4	0,4
28131300	Other rotary positive displacement pumps for liquids			0,2	0,1	0,1
28131400	Other centrifugal pumps for liquids; other pumps	1,5	2,4	1,2	0,7	0,7
28132300	Compressors for refrigeration equipment			0,5	0,2	0,2
28132500	Turbo-compressors			1,2	0,4	0,4
28132700	Rotary displacement compressors, single-shaft or multi-shaft	0,1	0,3		0,0	0,0
28133100	Parts of pumps; parts of liquid elevators	0,5	1,0	1,0	0,4	0,4
28133200	Parts of air or vacuum pumps, of air or gas compressors, of fans, of hoods	0,3	0,5	0,8	0,3	0,3
C2814	Manufacture of other taps and valves	4,6	6,8	4,7	2,8	2,7
28141100	Pressure-reducing, control, check and safety valves			0,5	0,2	0,2
28141200	Taps, cocks, valves for sinks, wash basins, bidets, water cisterns bath and si	1,3	1,2	0,8	0,8	0,8
28141300	Process control valves, gate valves, globe valves and other valves	3,3	5,6	2,5	1,4	1,4
28142000	Parts of taps and valves and similar articles			1,0	0,3	0,3
C2815	Manufacture of bearings, gears, gearing and driving elements	5,4	7,7	6,5	3,7	3,6
28151000	Ball or roller bearings			1,8	0,6	0,6
28152100	Articulated link chain, of iron or steel	0,2			0,2	0,2
28152200	Transmission shafts (including cam and crank shafts) and cranks			1,9	0,6	0,6
28152300	Bearing housings and plain shaft bearings			0,5	0,2	0,2
28152400	Gears and gearing; ball or roller screws; gear boxes and other speed change	4,0	6,6	1,1	1,1	1,1
28152600	Clutches and shaft couplings including universal joints			0,4	0,1	0,1
28153900	Parts of bearing and driving elements n.e.c.	1,1	1,1	0,8	0,8	0,7
C282	Manufacture of other general-purpose machinery	29,9	39,7	28,8	18,8	18,2
C2821	Manufacture of ovens, furnaces and furnace burners	0,6	1,3		0,0	0,0
28211100	Furnace burners; mechanical stokers and grates; mechanical ash dischargers	0,6	1,3		0,0	0,0

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
C2822	Manufacture of lifting and handling equipment	17,2	23,5	7,5	7,5	7,3
28221400	Derricks; cranes; mobile lifting frames, straddle carriers and works trucks fitted with cranes	3,8	5,2		1,1	1,1
28221500	Fork-lift trucks, other works trucks; tractors of the type used on railway stations	1,2	2,6	1,0	0,3	0,3
28221600	Lifts, skip hoists, escalators and moving walkways	4,4	0,3		3,3	3,2
28221700	Pneumatic and other continuous action elevators and conveyors, for goods and passengers	0,5	0,7	0,5	0,3	0,3
28221800	Other lifting, handling, loading or unloading machinery	4,1	8,0	0,9	0,7	0,7
28221900	Parts of lifting and handling equipment	3,1	6,8	5,1	1,7	1,7
C2823	Manufacture of office machinery and equipment (except computers and peripheral equipment)	0,0		4,4	1,5	1,5
28231300	Accounting machines, cash registers, postage-franking machines, ticket-issuing machines	0,0			0,0	0,0
28232400	Parts and accessories of typewriters and calculating machines			1,4	0,5	0,5
28232600	Parts and accessories of photocopying apparatus			3,0	1,0	1,0
C2824	Manufacture of power-driven hand tools			2,4	0,8	0,8
28241100	Electromechanical tools for working in the hand, with self-contained electric power source			1,6	0,6	0,5
28241200	Other portable hand held power tools			0,8	0,3	0,3
C2825	Manufacture of non-domestic cooling and ventilation equipment	6,3	5,9	7,2	5,2	5,0
28251100	Heat exchange units and machinery for liquefying air or other gases	1,4	1,1	1,0	1,0	1,0
28251200	Air conditioning machines	1,5	0,6	1,6	1,5	1,4
28251300	Refrigeration and freezing equipment and heat pumps, except household type	1,7	1,3	1,5	1,4	1,3
28251400	Machinery and apparatus for filtering or purifying gases n.e.c.	0,6	0,7	0,6	0,4	0,4
28252000	Fans, other than table, floor, wall, window, ceiling or roof fans			1,0	0,3	0,3
28253000	Parts of refrigeration and freezing equipment and heat pumps	1,1	2,1	1,4	0,6	0,6
C2829	Manufacture of other general-purpose machinery n.e.c.	5,7	9,0	7,3	3,7	3,6
28291200	Filtering or purifying machinery and apparatus, for liquid	1,2	2,6	0,7	0,3	0,3
28291300	Oil filters, petrol filters and intake air filters for internal combustion engines	0,9	1,0	0,9	0,7	0,6
28292100	Machinery for cleaning, filling, packing or wrapping bottles or other containers	0,7	1,6	0,9	0,3	0,3
28292200	Fire extinguishers, spray guns, steam or sand blasting machines and similar	0,9		0,8	1,0	0,9
28292300	Gaskets of metal sheeting; mechanical seals	0,5	0,9	0,6	0,3	0,3
28293900	Other weighing and measuring machinery	0,1			0,1	0,1
28296000	Machinery n.e.c. for the treatment of materials by a process involving a change of state			0,7	0,2	0,2
28298200	Parts of centrifuges; parts of filtering or purifying machinery and apparatus	1,3	2,9	1,4	0,5	0,4
28298300	Parts of calendaring or other rolling machines; parts of spraying machinery, except agricultural			1,0	0,3	0,3
28298400	Machinery parts, not containing electrical connectors n.e.c.			0,4	0,1	0,1
C283	Manufacture of agricultural and forestry machinery	7,8	11,4	6,8	4,3	4,1
C2830	Manufacture of agricultural and forestry machinery	7,8	11,4	6,8	4,3	4,1
28302200	Tractors, with an engine power > 37 kW but = 59 kW	0,0	0,0			
28302300	Tractors, with an engine power > 59 kW	3,8	7,1	2,5	1,3	1,3
28303200	Harrows, scarifiers, cultivators, weeders and hoes	0,0		0,5	0,2	0,2
28303300	Seeders, planters and transplanters	0,2			0,1	0,1
28304000	Mowers for lawns, parks or sports grounds			0,9	0,3	0,3
28305300	Straw or fodder balers, including pick-up balers			0,2	0,1	0,1
28305900	Harvesting and threshing machinery n.e.c.	0,0		0,2	0,1	0,1
28307000	Self-loading or unloading trailers and semi-trailers for agriculture	0,0			0,0	0,0
28308600	Agricultural, horticultural, forestry, poultry- or bee-keeping machinery n.e.c.	2,4	3,8	0,9	0,8	0,8
28309100	Parts of harvester and threshers n.e.c.	0,3		0,2	0,3	0,3

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
28309200	Parts of soil machinery	0,8			0,6	0,6
28309300	Parts of other agricultural machinery	0,2	0,5	1,4	0,5	0,4
C284	Manufacture of metal forming machinery and machine tools	2,9	4,3	3,3	1,9	1,8
C2841	Manufacture of metal forming machinery	1,5	2,4	1,8	0,9	0,9
28411200	Machining centres, unit construction machines and multi-station transfer ma			0,3	0,1	0,1
28412100	Lathes for removing metal			0,8	0,3	0,3
28413100	Machines for bending, folding and straightening metal			0,3	0,1	0,1
28413200	Machines for shearing, punching and notching metal	0,9	2,0			
28413300	Forging or die-stamping machines and hammers; hydraulic presses and pres	0,4			0,3	0,3
28414000	Parts and accessories for metalworking machine tools	0,2	0,4	0,5	0,2	0,1
C2849	Manufacture of other machine tools	1,5	1,9	1,5	1,0	1,0
28491200	Machine tools for working wood, cork, bone, hard rubber, hard plastics or s	1,4	1,6	1,5	1,0	1,0
28492400	Parts and accessories of machine tools for working wood, cork, stone, hard	0,1	0,3		0,0	0,0
C289	Manufacture of other special-purpose machinery	35,4	56,6	18,9	13,8	13,4
C2892	Manufacture of machinery for mining, quarrying and construction	13,1	22,2	9,5	5,5	5,4
28921200	Coal or rock cutters and tunnelling machinery; other boring and sinking ma	2,8	6,0		0,0	0,0
28922100	Self-propelled bulldozers and angledozers			0,5	0,2	0,2
28922500	Self-propelled front-end shovel loaders	1,9	3,2	1,0	0,7	0,6
28922600	Self-propelled mechanical shovels, excavators and shovel loaders, with a 36			2,2	0,8	0,7
28922700	Other self-propelled mechanical shovels, excavators and shovel loaders; oth	0,5	1,1			
28922900	Dumpers for off-highway use	0,2	0,4			
28923000	Other excavating machinery	1,4	2,9	0,5	0,2	0,2
28924000	Machinery for sorting, grinding, mixing and similar treatment of earth, stone	2,6	0,5		1,8	1,8
28926100	Parts for boring or sinking or excavating machinery; parts of cranes	3,7	8,0	5,2	1,8	1,8
C2893	Manufacture of machinery for food, beverage and tobacco processing	1,0	0,7	1,3	1,0	0,9
28931200	Dairy machinery	0,3	0,7			
28931500	Non-electric bakery ovens; non-domestic equipment for cooking or heating	0,0		0,4	0,1	0,1
28931600	Dryers for agricultural products	0,7			0,5	0,5
28931700	Machinery n.e.c. for the industrial preparation or manufacture of food or dri			0,9	0,3	0,3
C2894	Manufacture of machinery for textile, apparel and leather production			0,5	0,2	0,2
28942100	Machinery for washing, cleaning, wringing, ironing, pressing, dyeing, reelin			0,5	0,2	0,2
C2895	Manufacture of machinery for paper and paperboard production	11,7	12,6	1,8	5,1	5,0
28951100	Machinery for paper and paperboard production, except parts thereof	4,6	7,3		1,0	1,0
28951200	Parts of machinery for paper and paperboard production	7,1	5,4	1,8	4,2	4,0
C2896	Manufacture of plastics and rubber machinery			0,7	0,3	0,2
28961000	Machinery n.e.c. for working plastics and rubber or for the manufacture of p			0,7	0,3	0,2
C2899	Manufacture of other special-purpose machinery n.e.c.	9,5	21,0	5,1	1,7	1,7
28993100	Dryers for wood, paper pulp, paper or paperboard; non-domestic dryers n.e.	0,3	0,6		0,0	0,0
28993900	Aircraft launching gear; deck-arrestors or similar gear; tyre balancing equip	8,0	17,7	3,4	1,2	1,1
28994000	Parts of printing and book-binding machinery			0,2	0,1	0,1
28995200	Parts of other special-purpose machinery	1,3	2,8	1,5	0,5	0,5
C29	Manufacture of motor vehicles, trailers and semi-trailers	14,1	23,2	61,3	23,6	28,0
C291	Manufacture of motor vehicles	7,8	15,1	45,2	16,1	20,7
C2910	Manufacture of motor vehicles	7,8	15,1	45,2	16,1	20,7

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
29101200	Spark-ignition reciprocating internal combustion piston engines for vehicles			0,8	0,3	0,3
29101300	Compression-ignition internal combustion piston engines for vehicles	0,6		0,7	0,7	0,7
29102100	Vehicles with spark-ignition engine of a cylinder capacity = 1500 cm3, new			6,3	2,1	2,9
29102200	Vehicles with spark-ignition engine of a cylinder capacity > 1500 cm3, new			10,5	3,6	5,0
29102300	Vehicles with compression-ignition internal combustion piston engine (dies	1,3	2,8	18,1	6,1	8,3
29102400	Other motor vehicles for the transport of persons	2,0	4,5			
29103000	Motor vehicles for the transport of 10 or more persons			0,5	0,2	0,2
29104100	Goods vehicles, with compression-ignition internal combustion piston engin	2,6	5,7	5,5	1,9	2,3
29104400	Chassis fitted with engines, for motor vehicles	0,1		2,0	0,8	0,8
29105100	Crane lorries	0,3	0,6		0,0	0,0
29105200	Vehicles for travelling on snow, golf cars and the like, with engines	0,6	1,1	0,6	0,3	0,3
29105900	Special-purpose motor vehicles n.e.c.	0,3	0,5	0,3	0,1	0,1
C292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trail	2,9	3,1	2,4	1,9	1,9
C2920	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trail	2,9	3,1	2,4	1,9	1,9
29201000	Bodies for motor vehicles	1,0	0,4	0,0	0,6	0,6
29202100	Containers specially designed for carriage by one or more modes of transpo	0,1			0,1	0,1
29202200	Trailers and semi-trailers of the caravan type, for housing or camping			0,4	0,1	0,1
29202300	Other trailers and semi-trailers	1,3	2,2	0,9	0,6	0,5
29203000	Parts of trailers, semi-trailers and other vehicles, not mechanically propelled	0,5	0,4	1,1	0,6	0,5
29204000	Reconditioning, assembly, fitting out and bodywork services of motor vehic	0,0			0,0	0,0
C293	Manufacture of parts and accessories for motor vehicles	3,5	5,1	13,7	5,6	5,4
C2931	Manufacture of electrical and electronic equipment for motor vehicles	0,1		2,6	1,0	1,0
29311000	Ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft	0,1		1,2	0,5	0,5
29312100	Sparking plugs; ignition magnetos; magneto-dynamos; magnetic flywheels;			0,3	0,1	0,1
29312200	Starter motors and dual purpose starter-generators; other generators and oth			1,1	0,4	0,4
29313000	Parts of other electrical equipment for motor vehicles and motorcycles	0,0			0,0	0,0
C2932	Manufacture of other parts and accessories for motor vehicles	3,4	5,1	11,1	4,6	4,5
29321000	Seats for motor vehicles	0,1	0,2	0,3	0,1	0,1
29322000	Safety seat belts, airbags and parts and accessories of bodies	0,0	0,0	1,8	0,6	0,6
29323000	Parts and accessories n.e.c., for motor vehicles	3,3	4,9	9,0	3,9	3,7
C30	Manufacture of other transport equipment	13,5	22,9	15,6	7,7	7,6
C301	Building of ships and boats	11,7	20,4	1,0	2,2	2,1
C3011	Building of ships and floating structures	9,3	16,9	0,2	1,3	1,2
30112100	Cruise ships, excursion boats and similar vessels for the transport of persons	7,4	16,4			
30113300	Dredgers; light-vessels, floating cranes; other vessels	0,3	0,6	0,2	0,1	0,1
30119200	Fitting out services of ships and floating platforms and structures	1,6			1,2	1,2
C3012	Building of pleasure and sporting boats	2,4	3,5	0,8	0,9	0,9
30121100	Sailboats (except inflatable) for pleasure or sports, with or without auxiliary	0,5	1,0	0,4	0,1	0,1
30121900	Other vessels for pleasure or sports; rowing boats and canoes	2,0	2,4	0,4	0,8	0,8
C302	Manufacture of railway locomotives and rolling stock			3,0	1,0	1,0
C3020	Manufacture of railway locomotives and rolling stock			3,0	1,0	1,0
30204000	Parts of railway or tramway locomotives or rolling-stock; fixtures and fitting			3,0	1,0	1,0
C303	Manufacture of air and spacecraft and related machinery	1,1	1,6	8,3	3,1	3,0
C3030	Manufacture of air and spacecraft and related machinery	1,1	1,6	8,3	3,1	3,0

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
30301500	Parts for aircraft spark-ignition engines	0,7	1,6	0,1	0,0	0,0
30301600	Parts of turbo-jets or turbo-propellers			1,5	0,5	0,5
30305000	Other parts of aircraft and spacecraft			6,7	2,3	2,2
30309900	Sub-contracted operations as part of manufacturing of air and spacecraft and	0,4			0,3	0,3
C309	Manufacture of transport equipment n.e.c.	0,7	0,9	3,4	1,4	1,5
C3091	Manufacture of motorcycles			2,0	0,7	0,8
30911100	Motorcycles and cycles with an auxiliary motor with reciprocating internal c			0,4	0,1	0,1
30911200	Motorcycles with reciprocating internal combustion piston engine > 50 cm3			1,5	0,5	0,6
C3092	Manufacture of bicycles and invalid carriages	0,5	0,9	1,4	0,6	0,6
30921000	Bicycles and other cycles, not motorised	0,5	0,9	1,0	0,4	0,4
30923000	Parts and accessories of bicycles and other cycles, not motorised, and of inv	0,0	0,0	0,2	0,1	0,1
30924000	Baby carriages and parts thereof			0,2	0,1	0,1
C3099	Manufacture of other transport equipment n.e.c.	0,1			0,1	0,1
30991000	Other transport equipment n.e.c.	0,1			0,1	0,1
C31	Manufacture of furniture	9,5	3,3	8,6	9,0	8,8
C310	Manufacture of furniture	9,5	3,3	8,6	9,0	8,8
C3100		2,4	1,2	4,5	2,9	2,8
31001100	Seats, primarily with metal frames	0,2	0,4	0,8	0,3	0,3
31001200	Seats, primarily with wooden frames	1,4	0,3	1,9	1,6	1,5
31001400	Parts of seats			0,6	0,2	0,2
31002000	Parts of furniture (except seats)	0,8	0,5	1,3	0,9	0,8
C3101	Manufacture of office and shop furniture	2,1	0,3		1,5	1,5
31011200	Wooden furniture of a kind used in offices	2,1	0,3		1,5	1,5
C3102	Manufacture of kitchen furniture	2,6			2,0	1,9
31021000	Kitchen furniture	2,6			2,0	1,9
C3103	Manufacture of mattresses	0,4		0,5	0,4	0,4
31031200	Mattresses, excluding mattress supports	0,4		0,5	0,4	0,4
C3109	Manufacture of other furniture	2,1	1,9	3,6	2,2	2,1
31091100	Metal furniture n.e.c.	0,8	1,1	0,7	0,4	0,4
31091200	Wooden furniture of a kind used in the bedroom, in the dining room and in	0,1		1,6	0,6	0,6
31091300	Wooden furniture n.e.c.	1,2	0,8	1,4	1,1	1,1
C32	Other manufacturing	6,2	7,9	17,1	7,8	7,6
C321	Manufacture of jewellery, bijouterie and related articles	1,1	0,3	1,4	1,2	1,2
C3211	Striking of coins	0,2			0,2	0,2
32111000	Coins	0,2			0,2	0,2
C3212	Manufacture of jewellery and related articles	0,7	0,2	1,4	1,0	0,9
32121100	Cultured pearls, precious or semi-precious stones, including synthetic or rec			0,2	0,1	0,1
32121300	Articles of jewellery and parts thereof; articles of goldsmiths' or silversmiths'	0,7	0,2	1,2	0,9	0,9
C3213	Manufacture of imitation jewellery and related articles	0,1	0,1		0,1	0,1
32131000	Imitation jewellery and related articles	0,1	0,1		0,1	0,1
C322	Manufacture of musical instruments			0,4	0,1	0,1
C3220	Manufacture of musical instruments			0,4	0,1	0,1
32201300	Keyboard pipe organs, harmoniums and similar instruments; accordions and			0,4	0,1	0,1
C323	Manufacture of sports goods	1,1	1,5	3,0	1,4	1,3

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
C3230	Manufacture of sports goods	1,1	1,5	3,0	1,4	1,3
32301100	Snow-skis and other snow-ski equipment, except footwear; ice skates and ro	0,1	0,2	0,7	0,2	0,2
32301200	Snow-ski footwear			0,2	0,1	0,1
32301400	Gymnasium, fitness centre or athletics articles and equipment	0,2	0,3	0,7	0,3	0,2
32301500	Other articles and equipment for sports or outdoor games; swimming pools	0,7	1,0	1,0	0,6	0,5
32301600	Fishing rods, other line fishing tackle; articles for hunting or fishing n.e.c.	0,1		0,4	0,2	0,2
C324	Manufacture of games and toys	0,0	0,1	2,1	0,7	0,7
C3240	Manufacture of games and toys	0,0	0,1	2,1	0,7	0,7
32402000	Toy trains and their accessories; other reduced-size models or construction			0,7	0,2	0,2
32403900	Games and toys n.e.c.			1,3	0,4	0,4
32404200	Articles for billiards, articles for funfair, table or parlour games; other game	0,0	0,1	0,2	0,1	0,1
C325	Manufacture of medical and dental instruments and supplies	3,1	5,1	7,1	3,0	2,9
C3250	Manufacture of medical and dental instruments and supplies	3,1	5,1	7,1	3,0	2,9
32501100	Instruments and appliances used in dental treatment	0,5	0,6	0,3	0,3	0,3
32501200	Medical, surgical or laboratory sterilisers	0,0	0,1			
32501300	Syringes, needles, catheters, cannulae and the like; ophthalmic and other ins	1,7	3,8	2,4	0,8	0,8
32502100	Therapeutic instruments and appliances; breathing appliances			0,5	0,2	0,2
32502200	Artificial joints; orthopaedic appliances; artificial teeth; dental fittings; artif	0,0		1,8	0,6	0,6
32502300	Parts and accessories of prostheses and orthopaedic appliances			0,4	0,1	0,1
32503000	Medical, surgical, dental or veterinary furniture; barbers' chairs and similar	0,8	0,7		0,4	0,4
32504100	Contact lenses; spectacle lenses of any material			1,0	0,4	0,3
32504300	Frames and mountings for spectacles, goggles or the like			0,7	0,2	0,2
C329	Manufacturing n.e.c.	0,9	0,9	3,1	1,4	1,4
C3291	Manufacture of brooms and brushes	0,5	0,9	0,5	0,3	0,2
32911100	Brooms and brushes for household cleaning	0,5	0,9		0,1	0,1
32911200	Tooth brushes, hair brushes and other toilet brushes for use on the person; a			0,5	0,2	0,2
32911900	Other brushes n.e.c.	0,0			0,0	0,0
C3299	Other manufacturing n.e.c.	0,4		2,6	1,2	1,1
32991100	Safety headgear and other safety products			0,8	0,3	0,3
32991200	Ball point pens; felt-tipped and other porous-tipped pens and markers; prop			0,3	0,1	0,1
32992100	Umbrellas and sun umbrellas; walking-sticks, seat-sticks, whips and the like			0,2	0,1	0,1
32992300	Press-fasteners, snap-fasteners, press-studs and parts thereof; buttons; slide	0,2			0,2	0,2
32995400	Candles, tapers and the like	0,2		1,3	0,6	0,6
C33	Repair and installation of machinery and equipment	33,4			25,3	24,6
C331	Repair of fabricated metal products, machinery and equipment	24,0			18,2	17,6
C3311	Repair of fabricated metal products	1,0			0,8	0,7
33111200	Repair and maintenance services of tanks, reservoirs and containers of meta	1,0			0,8	0,7
C3312	Repair of machinery	18,4			13,9	13,5
33121100	Repair and maintenance services of engines and turbines, except aircraft, ve	1,9			1,4	1,4
33121200	Repair and maintenance services of fluid power equipment, other pumps, co	0,6			0,5	0,4
33121500	Repair and maintenance services of lifting and handling equipment	0,0			0,0	0,0
33121900	Repair and maintenance services of other general-purpose machinery n.e.c.	1,6			1,2	1,2
33122400	Repair and maintenance services of machinery for mining, quarrying and co	1,0			0,8	0,7
33122500	Repair and maintenance services of machinery for food, beverage and tobac	1,1			0,8	0,8

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
33122700	Repair and maintenance services of machinery for paper and paperboard products	4,7			3,6	3,5
33122900	Repair and maintenance services of other special-purpose machinery	7,4			5,6	5,4
C3313	Repair of electronic and optical equipment	1,1			0,9	0,8
33131100	Repair and maintenance services of instruments and appliances for measuring	1,1			0,9	0,8
C3314		0,6			0,5	0,5
33141100	Repair and maintenance of electric motors, generators, transformers, electric	0,6			0,5	0,5
C3315	Repair and maintenance of ships and boats	1,1			0,8	0,8
33151000	Repair and maintenance services of ships and boats	1,1			0,8	0,8
C3316	Repair and maintenance of aircraft and spacecraft	1,8			1,4	1,3
33161000	Repair and maintenance services of aircraft and spacecraft	1,8			1,4	1,3
C332	Installation of industrial machinery and equipment	9,4			7,2	6,9
C3320	Installation of industrial machinery and equipment	9,4			7,2	6,9
33201100	Installation services of steam generators, except central heating hot water boilers	3,9			2,9	2,9
33202900	Installation services of other general-purpose machinery n.e.c.	1,1			0,9	0,8
33203500	Installation services of industrial machinery and equipment for food, beverage	0,1			0,1	0,1
33203600	Installation services of industrial machinery and equipment for textiles, apparel	0,0			0,0	0,0
33203700	Installation services of industrial machinery and equipment for paper and printing	0,7			0,5	0,5
33203900	Installation services of other special-purpose machinery	1,1			0,8	0,8
33205000	Installation services of electrical equipment	1,3			1,0	1,0
33206000	Installation services of industrial process control equipment	1,2			0,9	0,8
D	Electricity, gas, steam and air conditioning supply	78,3	4,0	14,2	62,8	64,1
D35	Electricity, gas, steam and air conditioning supply	78,3	4,0	14,2	62,8	64,1
D351	Electric power generation, transmission and distribution	57,2	4,0	14,2	46,8	48,5
D3511	Production of electricity	38,1	4,0	14,2	32,3	31,3
35111000	Electricity	38,1	4,0	14,2	32,3	31,3
D3512	Transmission of electricity	19,1			14,4	17,2
35121000	Transmission services of electricity	19,1			14,4	17,2
D352	Manufacture of gas; distribution of gaseous fuels through mains	0,3			0,2	0,2
D3521	Manufacture of gas	0,3			0,2	0,2
35211000	Coal gas, water gas, producer gas and similar gases, other than petroleum gas	0,3			0,2	0,2
D353	Steam and air conditioning supply	20,9			15,8	15,3
D3530	Steam and air conditioning supply	20,9			15,8	15,3
35301100	Steam and hot water	20,9			15,8	15,3
E	Water supply; sewerage, waste management and remediation activities	18,5	4,7	24,4	20,7	20,1
E36	Water collection, treatment and supply	5,0			3,8	3,7
E360	Water collection, treatment and supply	5,0			3,8	3,7
E3600	Water collection, treatment and supply	5,0			3,8	3,7
36001100	Drinking water	5,0			3,8	3,7
E38	Waste collection, treatment and disposal activities; materials recovery	13,5	4,7	24,4	16,9	16,4
E381	Waste collection	13,5	4,7	24,4	16,9	16,4
E3811	Collection of non-hazardous waste	13,5	4,7	24,4	16,9	16,4
38115300	Used pneumatic tyres of rubber			0,0	0,0	0,0
38115800	Non-hazardous metal waste	12,8	4,7	24,1	16,3	15,8
38115900	Other non-hazardous recyclable waste, n.e.c.	0,6		0,3	0,6	0,6

Industry	Name	PPI	Export PI	Import PI	BPIFDS	BPIFDS, incl. taxes
F	Construction				188,4	182,6
F41	Construction of buildings				142,9	138,5
F42	Civil engineering				45,5	44,1
TOTAL	TOTAL INDEX	1000	1000	1000	1000	1000