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## **Pricing seasonal products: imputation techniques**

Corinne Becker Vermeulen  
Swiss Federal Statistical Office

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### **Abstract:**

Imputation techniques are very widespread for dealing with the problem of seasonal products. However, they also have significant effects on the results, depending on the assumptions made, the level of imputation and the structure of the basket of goods and services. Moreover, when seasonality is combined with a frequent change of assortment and very volatile prices, as in clothing and footwear, the situation becomes even more complicated. Through concrete simulations and a practical example with footwear, this document discusses imputation techniques, which are not as simple to apply as they might seem and which could hide undesirable effects.

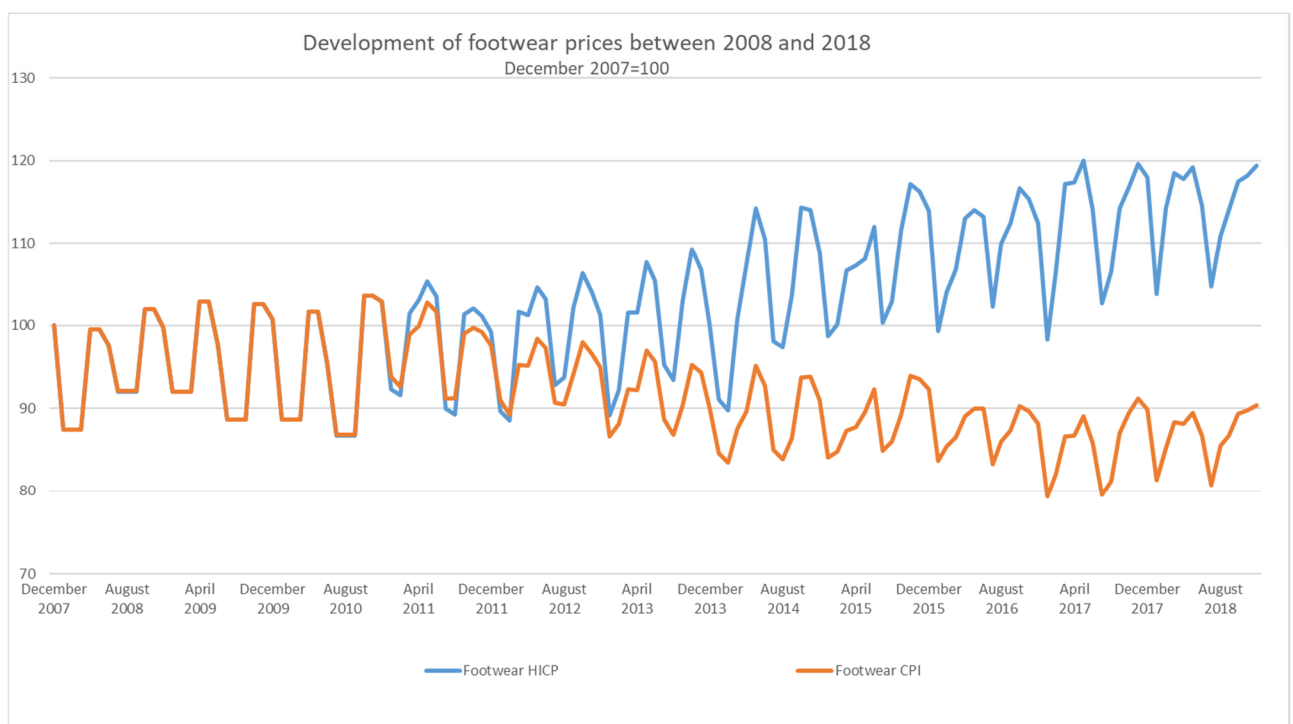
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# 1 The starting point: a significantly different development of footwear prices between the CPI and the HICP

Switzerland has produced an HICP since 2008 in accordance with bilateral statistical agreements with the European Union. This is mainly used by Eurostat, to which Switzerland provides the required information on a monthly basis, and by the Swiss National Bank for comparison with other European countries. The Swiss CPI has been produced since 1922 and is the reference indicator for the indexation of wages, pensions, alimony, nominal value deflation and monetary policy of the Swiss National Bank. Switzerland therefore produces two inflation indicators, whose results at the aggregate level are almost identical. At the disaggregated level, however, the situation may be quite different depending on the product groups, particularly seasonal products and more particularly clothing and footwear. If someone were to ask about the change of footwear prices over the last 10 years, we would have two possible answers: the CPI indicates a 10% price decrease while the HICP indicates a 20% price increase, as shown in Graph 1 below:

Graph 1: Footwear price development between December 2007 and December 2018



The differences start with the introduction of the HICP Regulation on seasonal products, Regulation No 330/2009 on minimum standards for the treatment of seasonal products in harmonised consumer price indices. It has been applied for the HICP since 2011 but not for the CPI. Graph 1 is puzzling: how do we explain these differences? To answer this question, let us look for a moment at the heart of the methods and techniques applied to the two indicators.

## 2 The basket for footwear for CPI and HICP between 2008 and 2018

The CPI basket is identical to the HICP basket. It is structured according to COICOP 5 digit whose minimum structure for footwear is as follows:

- 03.2 Footwear
  - 03.2.1 Shoes and other footwear
    - 03.2.1.1 Footwear for men
    - 03.2.1.2 Footwear for women
    - 03.2.1.3 Footwear for infants and children
  - 03.2.2 Repair and hire of footwear
    - 03.2.2.0 Repair and hire of footwear

The standard Swiss basket for CPI and HICP is much more detailed than the minimum structure and has changed twice between 2008 and 2018 (minor changes were introduced in 2012 and 2014), as shown in Figures 1 to 3 below. Note that the weights are updated every year but have remained very stable over the last 10 year, at least for footwear.

Figure 1: Standard basket for footwear from 2008 to 2010 for the CPI and HICP. The collected prices within the elementary product groups are marked with an x in yellow

Item for footwear 2008 to 2010	Weights in %	January	February	March	April	May	June	July	August	September	October	November	December
Footwear incl. Repair	0.750												
Footwear	0.731												
Footwear for women	0.395												
Slippers		x			x		x	x			x		x
Leisure footwear		x			x		x	x			x		x
Street footwear		x			x		x	x			x		x
Sport footwear		x			x		x	x			x		x
Footwear for men	0.217												
Slippers		x			x		x	x			x		x
Leisure footwear		x			x		x	x			x		x
Street footwear		x			x		x	x			x		x
Sport footwear		x			x		x	x			x		x
Footwear for children	0.119												
Slippers		x			x		x	x			x		x
Leisure footwear		x			x		x	x			x		x
Street footwear		x			x		x	x			x		x
Sport footwear		x			x		x	x			x		x
Footwear for infants		x			x		x	x			x		x
Repair of footwear	0.019												
Women's shoe heels		x			x			x			x		
Men's shoe heels		x			x			x			x		
Other repair		x			x			x			x		

Until 2010, prices were collected 6 times a year for goods and 4 times a year for services. Seasonal products are contained in elementary product groups in a non-distinct way, the last price is carried forward until the seasonal product reappears (carry forward method).

In 2011, the standard basket was modified mainly due to the introduction of the new regulation on the treatment of seasonal products for the HICP (see Chapter 3). The seasons are clearly identified so that imputation can be done according to the guidelines. For the CPI, the carry forward method continues to be applied.

Figure 2: Standard basket for footwear between 2011 and 2015 for the CPI and the HICP. The collected prices within the elementary product groups are marked with an x in yellow. The missing summer shoes are in orange, the missing winter shoes in green.

Basket for footwear 2011 to 2015	Weights in %	January	February	March	April	May	June	July	August	September	October	November	December
Footwear incl. Repair	0.741												
Footwear	0.724												
Footwear for women	0.394												
Slippers													
Slippers		x	x	x	x	x	x	x	x	x	x	x	x
Leisure footwear													
Leisure footwear all year		x	x	x	x	x	x	x	x	x	x	x	x
Leisure footwear summer			Imputation			x	x	x	x		Imputation		
Street footwear													
Street footwear all year		x	x	x	x	x	x	x	x	x	x	x	x
Street footwear winter		x	x			Imputation				X (1)		x	x
Street footwear summer			Imputation			x	x	x	x		Imputation		
Sport footwear													
Sport footwear		x	x	x	x	x	x	x	x	x	x	x	x
Footwear for men	0.238												
Slippers													
Slippers		x	x	x	x	x	x	x	x	x	x	x	x
Leisure footwear													
Leisure footwear all year		x	x	x	x	x	x	x	x	x	x	x	x
Leisure footwear summer			Imputation			x	x	x	x		Imputation		
Street footwear													
Street footwear all year		x	x	x	x	x	x	x	x		x	x	x
Street footwear winter		x	x			Imputation				X (1)		x	x
Sport footwear													
Sport footwear		x	x	x	x	x	x	x	x	x	x	x	x
Footwear for children	0.092												
Slippers													
Slippers		x	x	x	x	x	x	x	x	x	x	x	x
Leisure footwear													
Leisure footwear all year		x	x	x	x	x	x	x	x	x	x	x	x
Leisure footwear summer			Imputation			x	x	x	x		Imputation		
Street footwear													
Street footwear all year (2)		x (2)	x (2)	x (2)	x (2)	x (2)	x (2)	x (2)	x (2)	x (2)	x (2)	x (2)	x (2)
Street footwear winter		x	x			Imputation				X (1)		x	x
Street footwear summer			Imputation			x	x	x	x		Imputation		
Sport footwear													
Sport footwear		x	x	x	x	x	x	x	x	x	x	x	x
Footwear for infants													
Footwear for infants all year		x	x	x	x	x	x	x	x	x	x	x	x
Footwear for infants winter		x	x			Imputation				X (1)		x	x
Footwear for infants summer			Imputation			x	x	x	x		Imputation		
Repair of footwear	0.017												
Women's shoe heels		x			x				x			x	
Men's shoe heels		x			x				x			x	
Other repair		x			x				x			x	

(1) In 2012 and 2013, winter shoes are no longer collected in September (2) Children's street footwear all year are no longer collected from 2014

Finally, the 2015 CPI revision led to a major change in the standard basket. For the purposes of the survey, it is more precise. Winter shoes are no longer collected in February, summer shoes are no longer collected in August. Indeed, these two months correspond to the end of season sales, which are more like liquidations (a substantial price reduction on a very limited number of items). Hiking boots for men and women were only introduced in 2018. An aggregate for the HICP has been created "Street shoes women Imputation for the HICP".

Figure 3: Standard basket for footwear between 2016 and 2018 for the CPI and the HICP. The collected prices within the elementary product groups are marked with an x in yellow. The missing summer shoes are in orange, the missing winter shoes in green.

Basket for footwear 2016 to 2018	Weights in %	January	February	March	April	May	June	July	August	September	October	November	December
Footwear incl. Repair	0.739												
Footwear	0.720												
Footwear for men	0.248												
Slippers men													
Slippers men		x	x	x	x	x	x	x	x	x	x	x	x
Leisure footwear men													
Sneakers men		x	x	x	x	x	x	x	x	x	x	x	x
Flip flops and sandals men			Imputation			x	x	x			Imputation		
Street footwear men													
Business shoes men		x	x	x	x	x	x	x	x	x	x	x	x
Winter boots men		x				Imputation					x	x	x
Sport footwear men													
Running shoes men		x	x	x	x	x	x	x	x	x	x	x	x
Hiking shoes men		x	x	x	x	x	x	x	x	x	x	x	x
Footwear for women	0.368												
Slippers women													
Slippers women		x	x	x	x	x	x	x	x	x	x	x	x
Leisure footwear women													
Sneakers women		x	x	x	x	x	x	x	x	x	x	x	x
Flip flops and sandals women			Imputation			x	x	x			Imputation		
Street footwear women													
Winter boots women		x				Imputation					x	x	x
Sandals women			Imputation			x	x	x			Imputation		
Street shoes women Imputation for the HICP													
High heel shoes women		x	x	x	x	x	x	x	x	x	x	x	x
Flat shoes women		x	x	x	x	x	x	x	x	x	x	x	x
Sport footwear women													
Running shoes women		x	x	x	x	x	x	x	x	x	x	x	x
Hiking shoes women		x	x	x	x	x	x	x	x	x	x	x	x
Footwear for children	0.104												
Slippers children													
Slippers children		x	x	x	x	x	x	x	x	x	x	x	x
Leisure footwear children													
Sneakers children		x	x	x	x	x	x	x	x	x	x	x	x
Flip flops and sandals children			Imputation			x	x	x			Imputation		
Street footwear children													
Winter boots children		x				Imputation					x	x	x
Sandals children			Imputation			x	x	x			Imputation		
Sport footwear children													
Running shoes children		x	x	x	x	x	x	x	x	x	x	x	x
Footwear for infants													
Footwear for infants all year		x	x	x	x	x	x	x	x	x	x	x	x
Footwear for infants winter		x				Imputation					x	x	x
Sandals infants			Imputation			x	x	x			Imputation		
Repair of footwear	0.019												
Women's shoe heels		x			x			x			x		
Men's shoe heels		x			x			x			x		
Other repair		x			x			x			x		

The price survey is carried out in the field by regional price collectors and FSO staff. Between 2011 and 2015, about 700 prices were collected each month for shoes, for all 26 elementary product groups. A smaller number is collected for slippers and shoe repair due to the greater homogeneity of these items. From 2016 onwards, the number of prices increased to more than 1000 prices collected monthly according to the seasons.

As the two baskets CPI and HICP and the collected prices are perfectly identical, they are not the source of the differences between the two indicators. However, this chapter is important because, as we will see in the following chapters, the structure of the standard basket plays a significant role in the result of imputation and therefore in the development of footwear prices as a whole.

### 3 Some imputation techniques and those applied for the CPI and the HICP

If a product is temporarily missing, its price must be estimated or imputed so that the price series continues over time until the product reappears on the market. This document will essentially present current imputation techniques when the weights of the standard basket remain fixed for at least one year. There are several techniques:

- A. Imputation from all available elementary products, whether seasonal or not, within a subdivision of the basket (all-season technique) The price development of missing seasonal products is estimated on the basis of the average price development of all available elementary products during the month under review.

$$\hat{I}_s^t = \left[ \prod_{as=1}^n \left( \frac{P_{as}^t}{P_{as}^{t-1}} \right) \right]^{\frac{1}{n}}$$

$\hat{I}_s^t$  : Imputed index of the seasonal missing product

$P_{as}^t$  : Price of the products all season (as) available during the month  $t$

$P_{as}^{t-1}$  : Price of the products all season (as) available during the previous month

$n$  : Number of price observations

For example, in the standard basket 2011 to 2015 (Figure 2), the prices of women's street footwear summer in January will be imputed with the development of women's street footwear all year and women's street footwear winter. It should be noted that it would also be possible to impute with all available products in the weighted position "women's shoes", which would significantly extend the imputation basis but is more heterogeneous.

- B. Imputation from elementary products available all year round only. In this case, it is only the development of the prices of products available throughout the year that serve as the basis for imputation during the month under review.

$$\hat{I}_s^t = \left[ \prod_{ai=1}^n \left( \frac{P_{ai}^t}{P_{ai}^{t-1}} \right) \right]^{\frac{1}{n}}$$

$\hat{I}_s^t$  : Imputed index of the seasonal missing product

$P_{ai}^t$  : Price of the products available all year (ai) during the month  $t$

$P_{ai}^{t-1}$  : Price of the products available all year (ai) during the previous month

$n$  : Number of price observations

Using the same example as A, women's street footwear all year is used to impute women's street shoes summer in January. It would also be possible to take the average development of all shoes all year from the weighted position "women's shoes".

C. Imputation from available seasonal products (counter-seasonal technique). Only seasonal shoes in season are used for the imputation.

$$\hat{I}_s^t = \left[ \prod_{cs=1}^n \left( \frac{P_{cs}^t}{P_{cs}^{t-1}} \right) \right]^{\frac{1}{n}}$$

$\hat{I}_s^t$  : Imputed index of the seasonal missing product

$P_{cs}^t$  : Price of the seasonal products in season (cs) available during the month  $t$

$P_{cs}^{t-1}$  : Price of the seasonal products in season (cs) available during the previous month

$n$  : Number of price observations

Using the same example as A, women's street shoes summer are imputed with women's street shoes winter in January or with all winter shoes in the weighted position "women's shoes". We can already clearly see the limit of this technique for shoes that do not have their counter-seasonal counterpart.

D. Carrying forward of the last observed price. The simplest technique: the last price recorded is carried forward until the product reappears. The assumption is that the price of these missing products does not change.

Since 2011, the European Commission Regulation No 330/2009 on minimum standards for the treatment of seasonal products in HICPs has been in force. In a context of fixed weights, it allows the A and C technique from the second missing month. For the missing first month, a "typical" price must be imputed, "typical" means a standard price observed during the previous seasonal period.

The Swiss HICP applies this regulation with a "slight" derogation from two principles:

- The first one is the imputation of the first missing month with a "typical" price: instead of calculating the "typical price" of the missing product, we assumed that the typical price is the last recorded price multiplied by the price change of the elementary product group on which the imputation is based.
- For the second one, technique B (imputation from footwear all year) was implemented instead of technique A (all-season imputation) or C (counter seasonal imputation).

For the Swiss CPI, technique D is applied.

It is therefore the imputation technique that is the only reason for the significant differences between the two indicators.

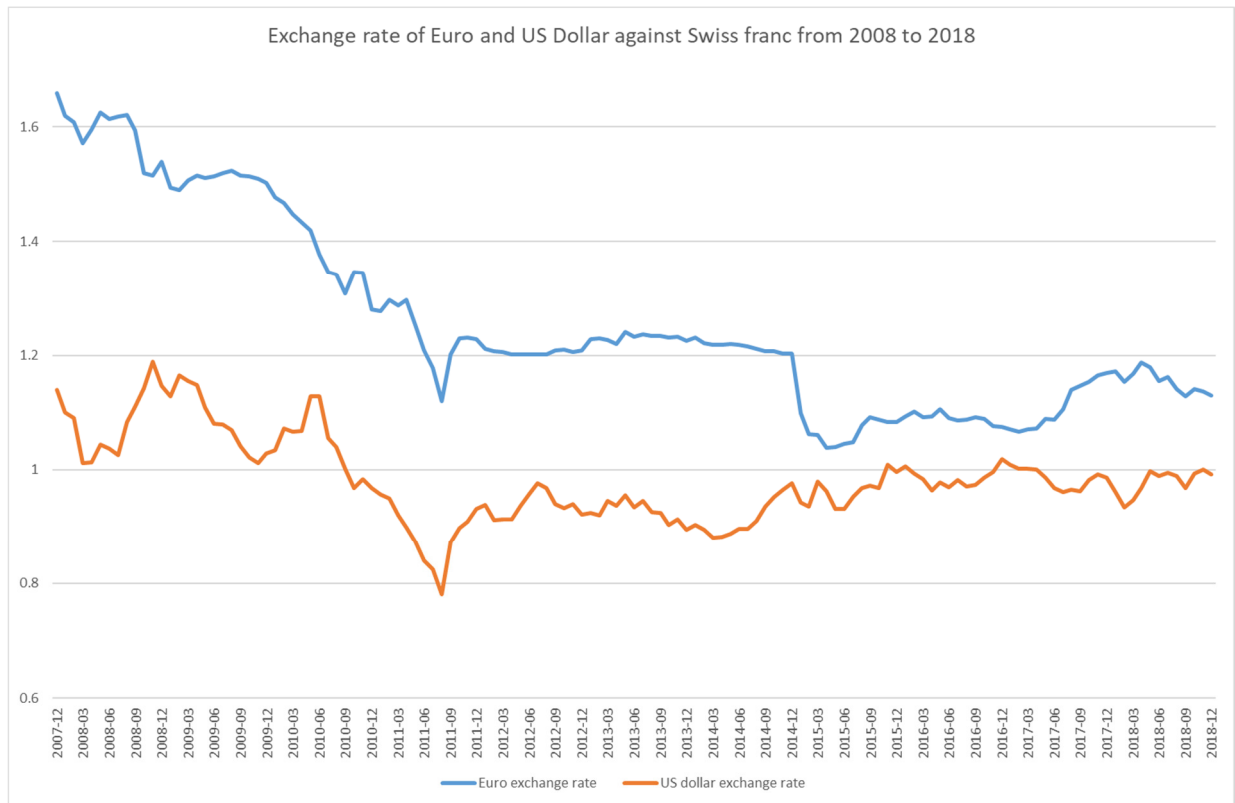


## 4 What is the true price development of footwear prices in Switzerland ?

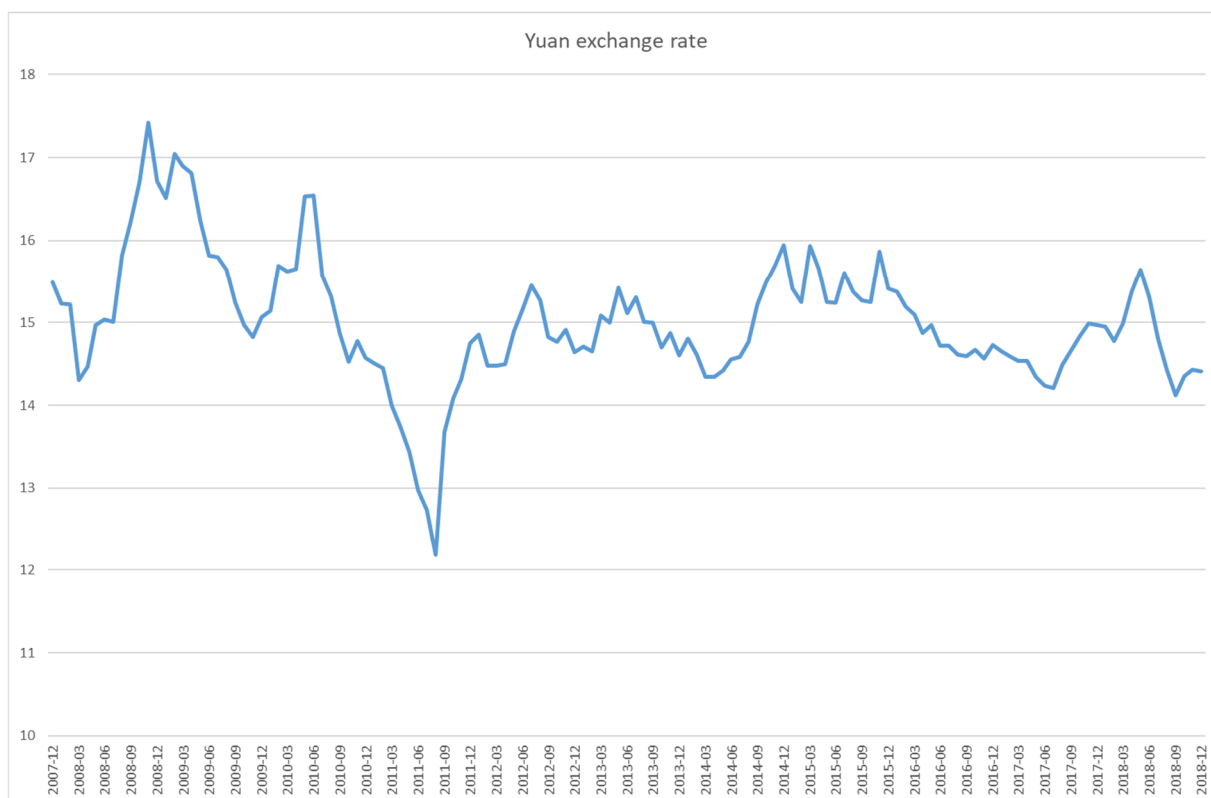
Before studying in more detail what effect the different imputation techniques have on the results, let us ask ourselves this question: what has been the true development of the price of footwear in Switzerland over the last 10 years? We are supposed to answer this question and yet the two indicators, CPI and HICP, provide very different results.

More than 95% of the shoes sold in Switzerland are imported. The Swiss franc has risen considerably since 2009, making imports cheaper. According to the Swiss Import Price Index, shoe prices fell by 7.7% between December 2007 and December 2018, while the Swiss Producer Price Index fell by 3.6% during the same period. The development of the Swiss franc between 2008 and 2018 against the euro, the US dollar and the Chinese yuan, from which most shoe imports originate, is shown in graphs 2 and 3 below.

Graph 2: Development of the Swiss franc against the euro and the US dollar



Graph 3: Development of the Swiss franc against the Chinese Yuan



There are indications that the high price of the Swiss franc over the years has been reflected in consumer prices, so a price decrease or even stability is more likely than a price increase. The truth may lie between the two curves. Let us take a closer look at where such differences come from.

## 5 Some key elements of the compilation of the CPI and the Swiss HICP and the collection of footwear prices

The weights of the standard basket are updated every year. The calculation method used is a chained Lowe index for the upper aggregation, a weighted arithmetic mean for the intermediate aggregation and the geometric mean for the lower aggregation. For a large part of the standard basket, including shoes, prices are stratified by region (11 regions) and distribution channel (from specialised retail to supermarkets) with weights based on consumer spending.

With regard to quality adjustment, price collectors directly substitute the product if the product is of comparable utility and quality (price difference of maximum  $\pm 25\%$  - the inner and outer material of the shoe must be identical to directly substitute), delete it and choose a new one if the articles are not comparable. The survey is mainly based on traditional models that are more or less easily found over time. During the arrival of new collections, between 8 and 10% of items are substituted and about 3 to 5% of items disappear, replaced by new ones.

## 6 Differences due to imputation

It is known that the carry forward method should be used with caution as it tends to smooth the results as shown in Figure 4 below, based on actual CPI data. The higher the number of imputations, the smoother the results are.

Figure 4: The effects of the carry forward method - the imputed indices are in red

	Index for February 2018	Index for March 2018	Change rate %
<b>Street footwear men</b>	91.4808	93.289	1.98%
Business footwear men	98.0592	101.9154	3.93%
Winter boots men	87.0681	87.0681	0.00%

Winter boots - which are not collected in March - have no price change. This mitigates the price increase of business footwear for men surveyed throughout the year.

During periods of price increases, the carry forward method mitigates the increase and vice versa during sales periods. If the number of imputations is the same each month, we should "theoretically" fall back on an average annual change very close to the other methods of imputations. The problem is that the number of imputed series is relatively more important during the arrival of the new summer collections (March and April) than during the sales months (January and July). The increase is therefore more mitigated than the decrease during the sales.

Figure 4: The effects of carry forward - function of the number of imputations

Code number	Description	Weights %	2013		%	2014		%	2014		%
			December	January		February	March				
3210	Footwear incl. Repair	0.781	100	93.9723	-6.0277	92.8142	-1.2323844	97.2655	4.79592562		
3211	Footwear	0.764	100	93.8382	-6.1618	92.6046	-1.3146032	97.1549	4.91368679		
3212	Footwear for women	0.420	100	93.7972	-6.2028	93.327	-0.5012943	97.7278	4.71546283		
3250	Slippers	-	100	99.7981	-0.2019	99.7492	-0.0489989	99.713	-0.036291		
3213	Slippers	-	100	99.7981	-0.2019	99.7492	-0.0489989	99.713	-0.036291		
3251	Leisure footwear	-	100	95.1242	-4.8758	96.9733	1.94387969	100.9862	4.13814937		
3214	Leisure footwear all year	-	100	89.7002	-10.2998	93.6324	4.38371375	101.5638	8.47078575		
3252	Leisure footwear summer	-	100	100	0	100	0	100	0		
3253	Street footwear	-	100	91.5304	-8.4696	86.8362	-5.1285693	92.8998	6.9828021		
3215	Street footwear all year	-	100	83.7261	-16.2739	78.4837	-6.2613689	95.9319	22.2316226		
3254	Street footwear winter	-	100	92.6201	-7.3799	85.5392	-7.6451008	85.5392	0		
3255	Street footwear summer	-	100	100	0	100	0	100	0		
3256	Sport footwear	-	100	96.6911	-3.309	112.7984	16.6586342	111.6507	-1.017479		
3216	Sport footwear	-	100	96.6911	-3.309	112.7984	16.6586342	111.6507	-1.017479		
3220	Footwear for men	0.247	100	94.9097	-5.0903	91.6879	-3.3945951	95.9242	4.62034794		
3257	Slippers	-	100	100	0	99.3873	-0.6127	99.4213	0.0342096		
3221	Slippers	-	100	100	0	99.3873	-0.6127	99.4213	0.0342096		
3258	Leisure footwear	-	100	98.0292	-1.9708	96.6508	-1.4061116	102.8049	6.36735547		
3222	Leisure footwear all year	-	100	95.7601	-4.2399	92.6804	-3.2160576	105.7112	14.0599307		
3259	Leisure footwear summer	-	100	100	0	100	0	100	0		
3260	Street footwear	-	100	92.8676	-7.1324	86.2867	-7.086325	89.7101	3.96747123		
3223	Street footwear all year	-	100	88.8924	-11.1076	88.1268	-0.861266	95.7061	8.60044844		
3261	Street footwear winter	-	100	96.6148	-3.3852	84.6565	-12.377296	84.6565	0		
3262	Sport footwear	-	100	91.331	-8.669	92.9435	1.7655605	99.9277	7.51445771		
3224	Sport footwear	-	100	91.331	-8.669	92.9435	1.7655605	99.9277	7.51445771		
3228	Footwear for children	0.097	100	91.2871	-8.7129	91.8108	0.57368456	97.8082	6.53234696		
3263	Slippers	-	100	100	0	99.0359	-0.9641	99.1843	0.14984465		
3229	Slippers	-	100	100	0	99.0359	-0.9641	99.1843	0.14984465		
3264	Leisure footwear	-	100	95.4177	-4.5823	100.2769	5.0925562	103.7304	3.44396366		
3230	Leisure footwear all year	-	100	90.8573	-9.1427	100.8841	11.0357671	107.4085	6.46722328		
3265	Leisure footwear summer	-	100	100	0	100	0	100	0		
3266	Street footwear	-	100	97.4344	-2.5656	91.677	-5.9090013	91.677	0		
3267	Street footwear winter	-	100	95.4873	-4.5127	86.3034	-9.6179282	86.3034	0		
3268	Street footwear summer	-	100	100	0	100	0	100	0		
3269	Sport footwear	-	100	82.4623	-17.5377	83.9788	1.8390222	103.1307	22.8056367		
3232	Sport footwear	-	100	82.4623	-17.5377	83.9788	1.8390222	103.1307	22.8056367		
3270	Footwear for infants	-	100	85.6701	-14.3299	88.022	2.74529853	96.3433	9.45365931		
3233	Footwear for infants all year	-	100	80.1088	-19.8912	88.0871	9.95933031	117.9001	33.8449103		
3271	Footwear for infants winter	-	100	75.2726	-24.7274	75.1752	-0.1293964	75.1752	0		
3272	Footwear for infants summer	-	100	100	0	100	0	100	0		
3237	Repair of footwear	0.017	100	100	0	102.2345	2.2345	102.2345	0		
3238	Women's shoe heels	-	100	100	0	102.0646	2.0646	102.0646	0		
3239	Men's shoe heels	-	100	100	0	102.8857	2.8857	102.8857	0		
3241	Other repair	-	100	100	0	102.0762	2.0762	102.0762	0		

Without seasonal products, the change would have been -8.8% compared to -6% in January and +8% compared to +4.8% in March. The different number of imputation according to the periods of new collections and sales explains partly the decrease in total results.

For the HICP, the regulation on the treatment of seasonal products has been applied "at best" as explained in Chapter 3. Does the number of imputations also play a role with this technique? Do the prices of shoes for the whole year have an upward trend? To try to better understand this, techniques A and C described in chapter 3 have been implemented.

## 7 Significant differences depending on the technique and level of imputation

The counter-seasonal and all-season techniques were applied from 2011 to 2018. The class considered for imputation is the elementary product group:

**All year imputation** (current technique for the Swiss HICP): The prices of missing seasonal products are imputed with the price change of the products for the whole year within the same sub class. For example, from 2011 to 2015, the prices of women's street shoes for winter are imputed with the change of women's street shoes prices for the whole year; from 2016, the prices of men's winter boots are imputed with the change of men's business shoes prices. As from 2016, a special item "street shoes women imputation for the HICP" has been created to impute seasonal women's street shoes.

**Counter-seasonal imputation:** Missing seasonal shoes are imputed with the seasonal footwear price change in season. For example, from 2011 to 2015, the prices of women's winter street shoes are imputed with the change of women's summer street shoes prices - if both seasons are missing, the imputation is made with the elementary product group for the whole year; from 2016, the prices of women's winter boots are imputed with the change of women's sandals prices. If there is no counter-seasonal item or both seasons are missing, imputation is made with the elementary product group all year.

**All-season imputation:** Missing seasonal shoes are imputed with the change of seasonal shoe prices in season and shoes for the whole year. For example, from 2011 to 2015, the prices of women's street shoes for winter are imputed with the change of prices of women's street shoes for summer and women's street shoes for the whole year - if both seasons are missing, the imputation is made with the item all year; from 2016, the prices of winter infants shoes are imputed with the change of the prices of summer infants shoes and the prices of infants shoes all year.

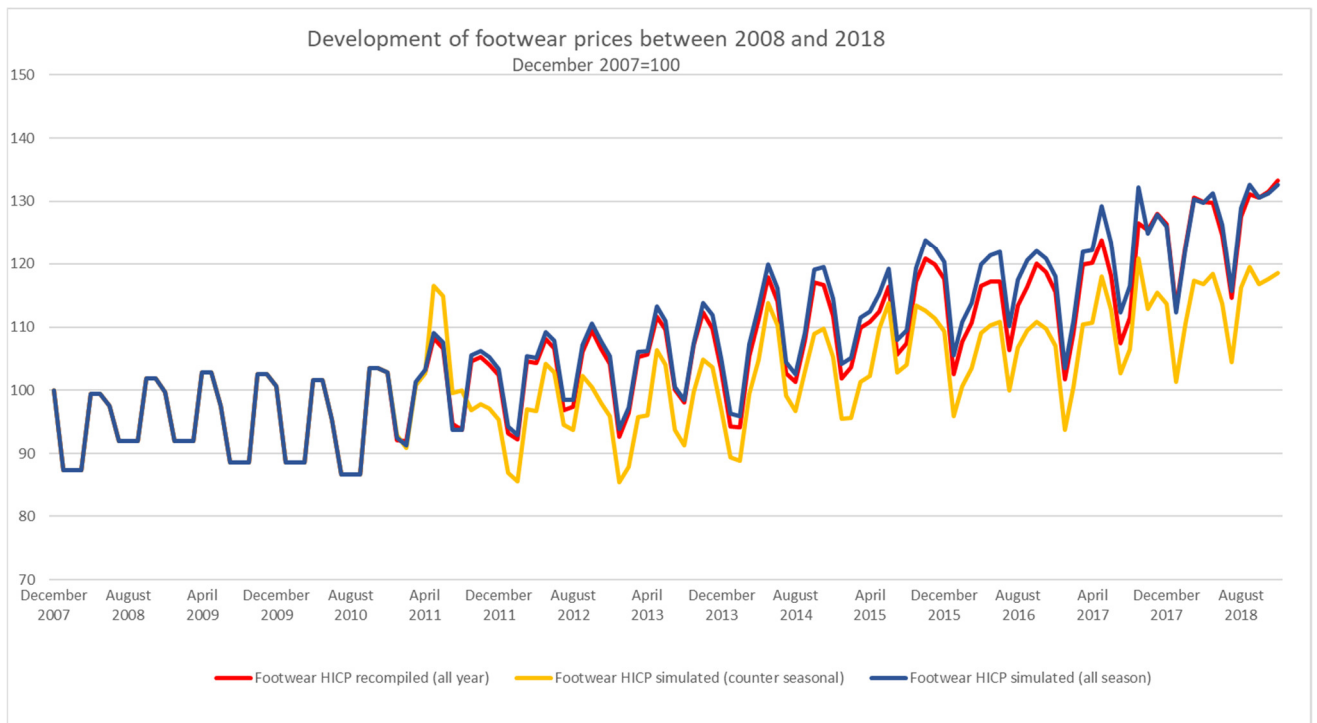
Note that changing the imputation technique does not result in a change in all imputation factors. For some seasonal products, all three imputation techniques give the same result. For example, in the 2016 to 2018 basket, the imputation of men's flip flops and sandals is identical with the three techniques, since there is only one summer item and one year-round item in the aggregate.

Since the simulations were not carried out exactly according to the compilation method implemented, the HICP has been recalculated to ensure that differences in results are due only to differences in imputation<sup>1</sup>. The results can be found in Graph 4 for the footwear aggregate, Graph 5 for women's footwear, Graph 6 for men's footwear and Graph 7 for children's footwear.

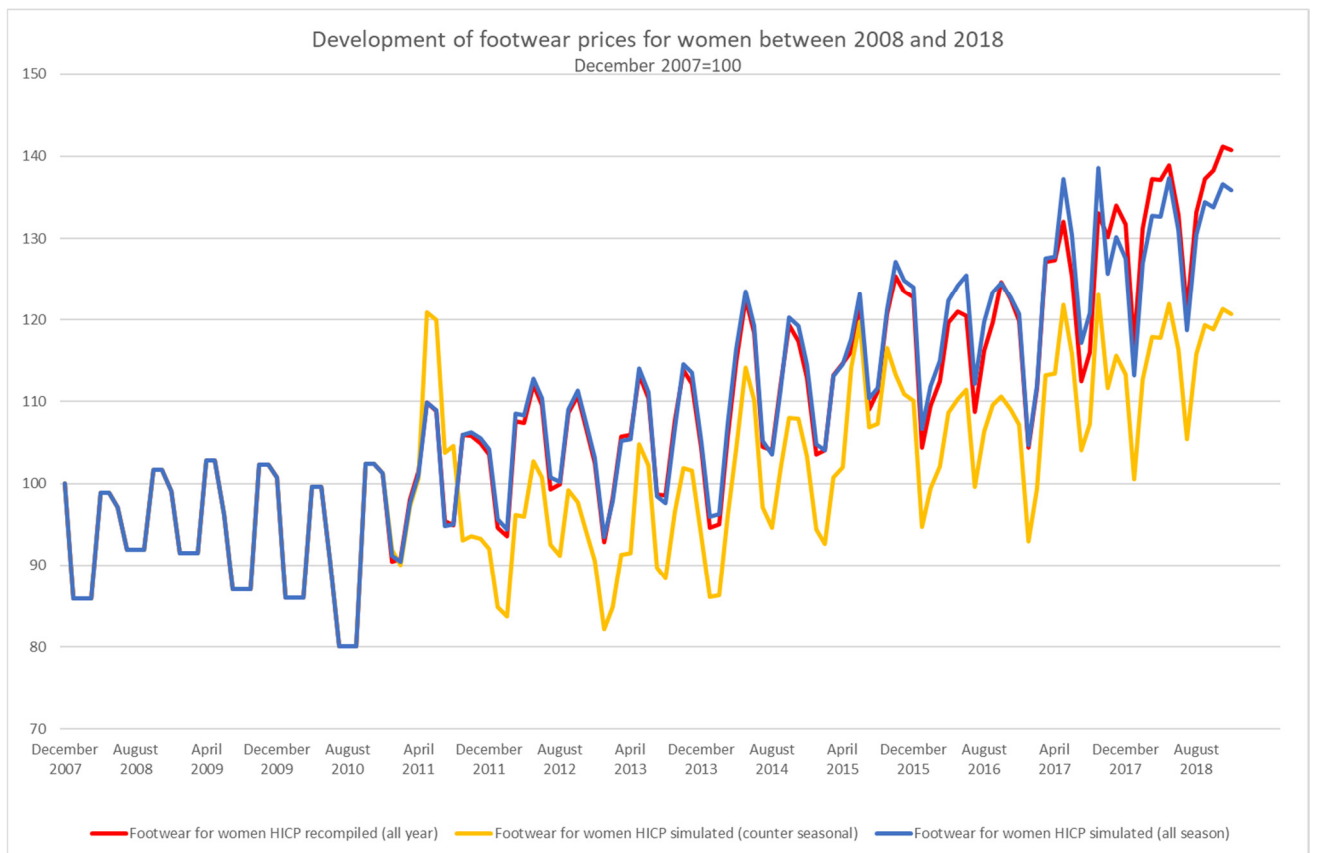
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<sup>1</sup> Officially, indices are compiled on the basis of prices, which are stratified according to regions and distribution channels. For the sake of simplicity, simulations were carried out on the basis of elementary product groups, which explains the differences between the official HICP.

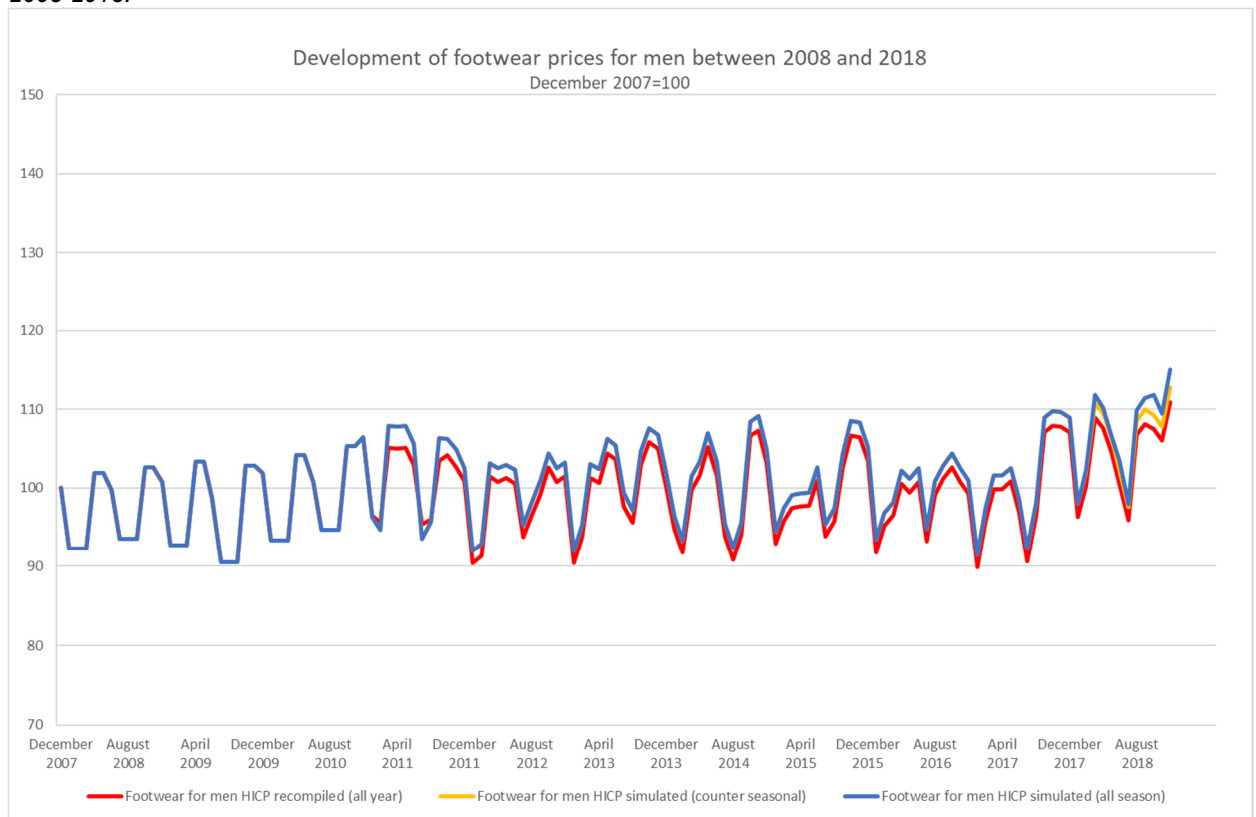
Graph 4: HICP for footwear using the imputation technique all year, counter-seasonal and all-season, 2008-2018.



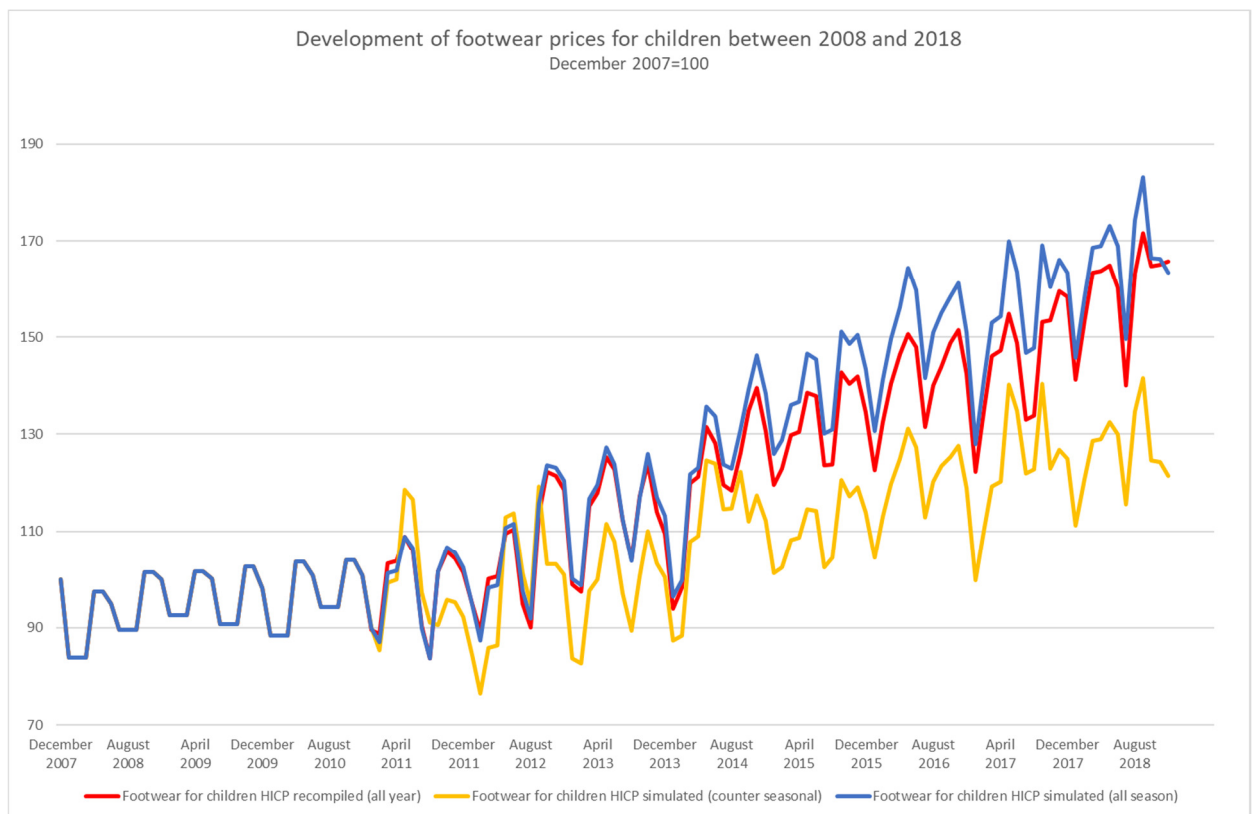
Graph 5: HICP for footwear for women using the imputation technique all year, counter-seasonal and all-season, 2008-2018.



Graph 6: HICP for footwear for men using the imputation technique all year, counter-seasonal and all-season, 2008-2018.



Graph 7: HICP for footwear for children using the imputation technique all year, counter-seasonal and all-season, 2008-2018.

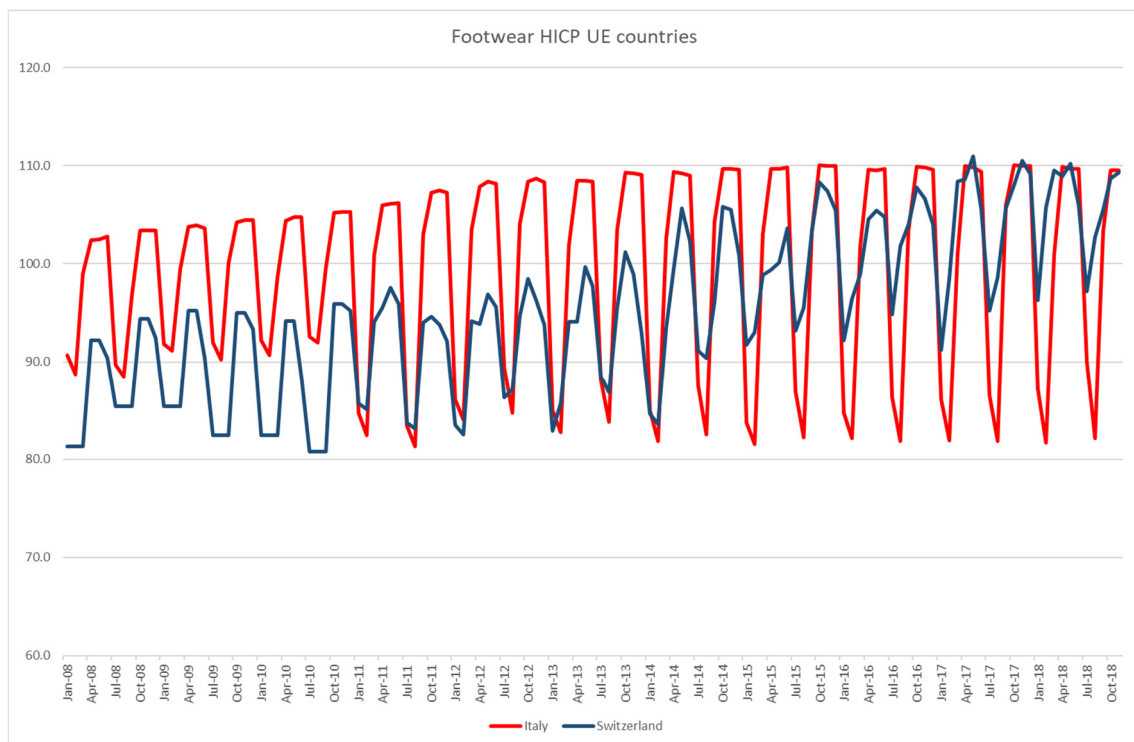


In general throughout the period considered, the differences between all year and all season imputation are not very large, the two curves are almost identical for men's shoes given the composition of the standard basket.

The results are very different between the all-season imputation technique and the counter-seasonal technique, yet the same prices and baskets are used in these calculations. This is perplexing as to the comparability of results between EU countries. Let us take the time to look at the results of other countries, especially those of Switzerland's neighbors.

## 8 Comparison of footwear price movements in EU countries (HICPs)

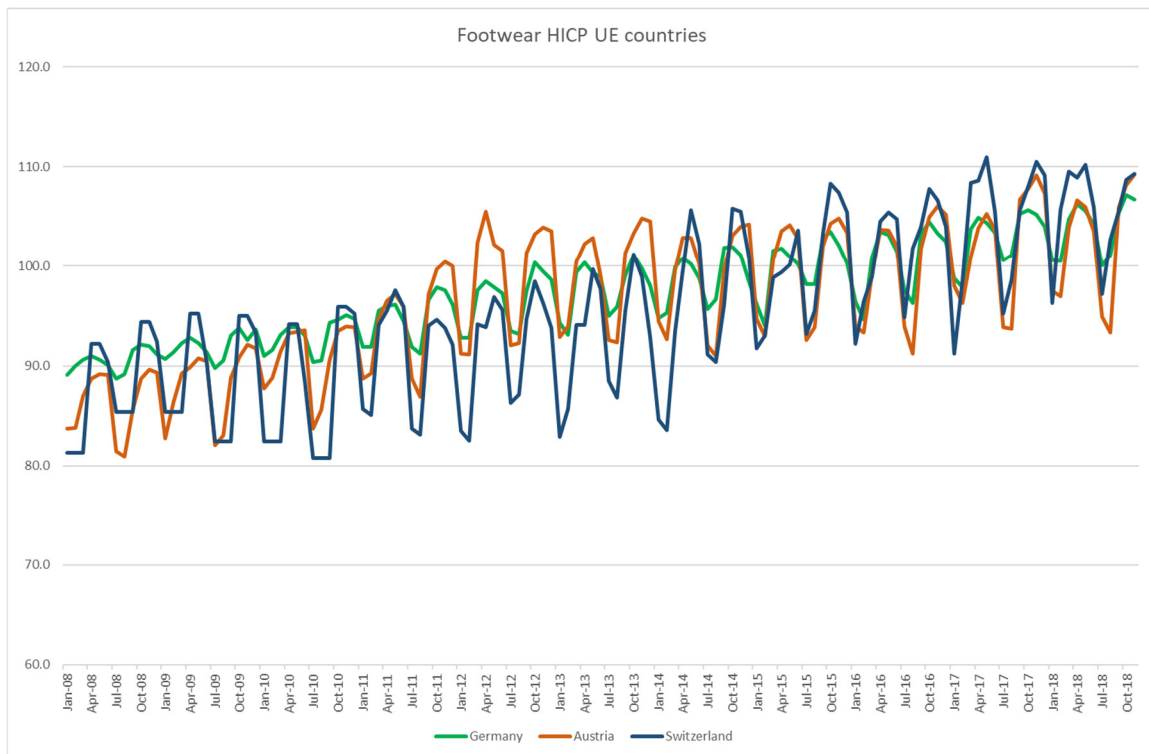
Graph 8: HICP for footwear, 2008-2018, for Italy and Switzerland, 2015=100



Compared to Switzerland, Italy has an exemplary regularity with movements of the same intensity upwards and downwards.



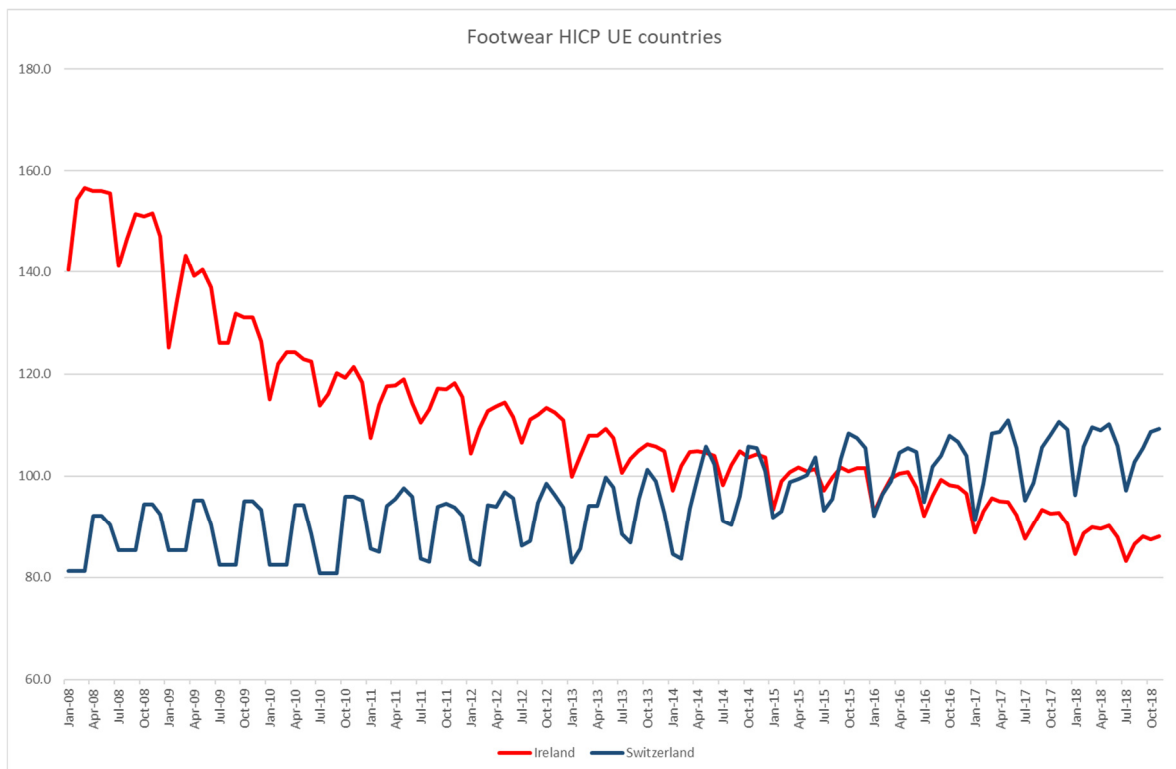
Graph 9: HICP for footwear, 2008-2018, for Germany, Austria and Switzerland, 2015=100



Germany and Austria seem to have a similar upward trend, but with a lower intensity.

As for Ireland, it's a free fall.

Graph 10: HICP for footwear, 2008-2018, for Ireland and Switzerland, 2015=100



How can such differences be explained? Only through different markets and seasons? Does



the way the standard basket is constructed below the COICOP 5 digit play a role in these differences? To find out, another standard basket was created, much less detailed, in which the elementary product groups are gathered and the three imputation techniques applied.

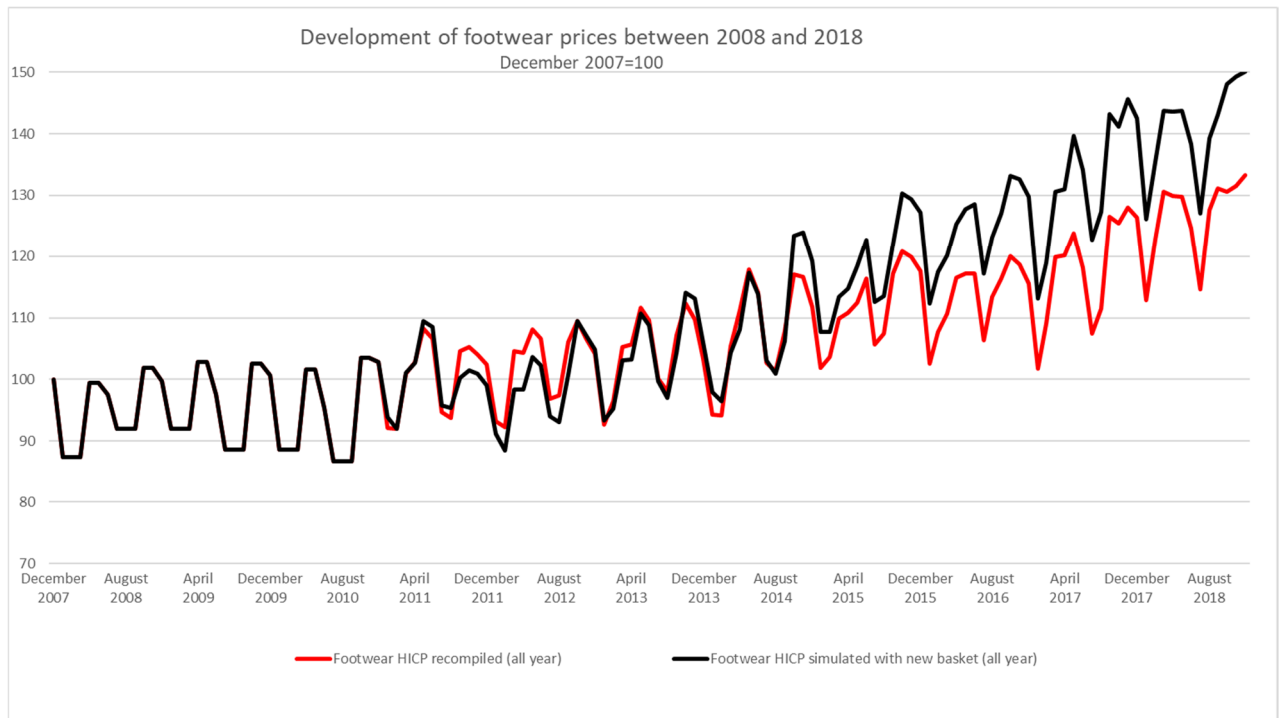
## 9 Another basket, different results

The new basket in Figure 5 below is much less detailed. The three imputation techniques are applied: counter-seasonal, all-season and all year. By imputing with a larger number of prices, we may have expected less upwardly oriented results. This is quite the opposite as shown in graphs 11, 12 and 13.

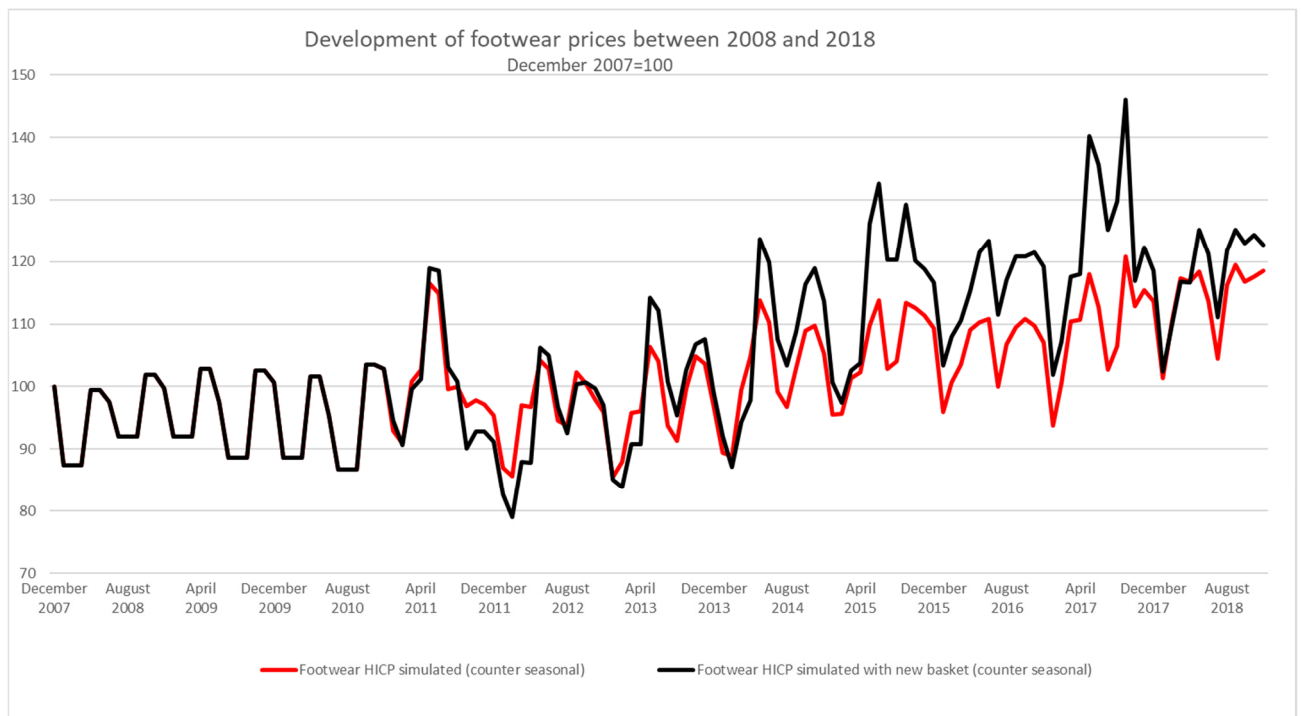
Figure 5: The new standard basket applied from 2011 to 2018

Footwear incl repair
Footwear
Footwear for women
Footwear for women all year
Footwear for women winter
Footwear for women summer
Footwear for men
Footwear for men all year
Footwear for men winter
Footwear for men summer
Footwear for children
Footwear for children all year
Footwear for children winter
Footwear for children summer
Repair of footwear
Women's shoe heels
Men's shoe heels
Other repair

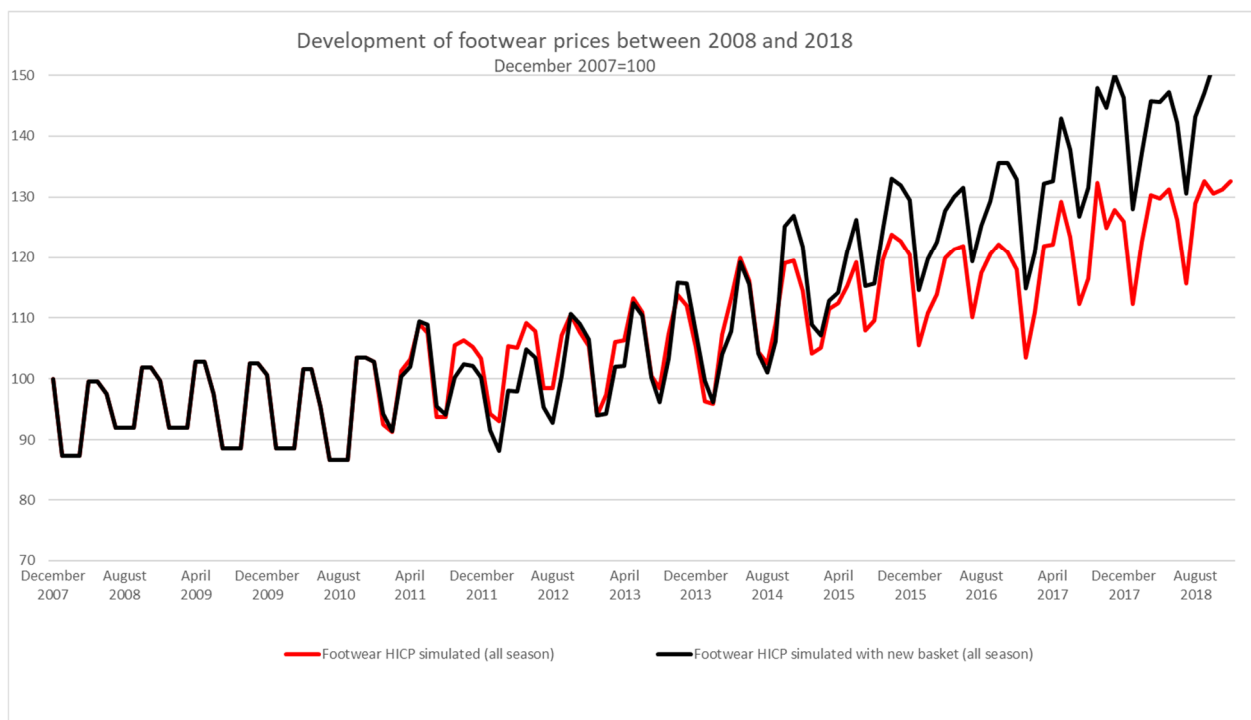
Graph 11: Development of the HICP for footwear from 2008 to 2018, with the standard basket in Figure 5, all year imputation technique



Graph 12: Development of the HICP for footwear from 2008 to 2018, with the standard basket in Figure 5, counter seasonal imputation technique



Graph 13: Development of the HICP for footwear from 2008 to 2018, with the standard basket in Figure 5, all season imputation technique



A different standard basket provides different results, even if the same prices are used in the calculation. The way seasonal products are processed must be taken into account when creating the standard basket.

## 10 What is the ideal imputation?

All the imputation techniques tested in this document, whether carry forward, counter-seasonal, all-season or all year imputation, have an impact on the results, which depends on how the standard basket is constructed and the number of monthly imputations.

When a product is not available for seasonal reasons, its price does not exist. The correct imputation should be an imputation that has no influence on the results. We will call it “the neutral imputation technique”. So to each seasonal elementary product group was imputed an index that has no impact on the results. To calculate the imputation factor, it is necessary to ensure that the parity is respected:

When the season ends, the prices of the seasonal product that disappears must be eliminated in period t-1:

$$\hat{I}_s^t = \left[ \prod_{x=1}^n \left( \frac{P_x^t}{P_x^{t-1}} \right) \right]^{\frac{1}{n}}$$

- $\hat{I}_s^t$  : Imputed index of the seasonal missing product
- $P_x^t$  : Price of the products during the month  $t$  also available in the previous period (paired)
- $P_x^{t-1}$  : Price of the products during the month  $t - 1$  also available in the current month  $t$
- $n$  : Number of price observations

Figure 6: Calculation of the imputation factor for missing products in March 2011

	2011		2011	
	February	%	March	%
<b>Footwear for women</b>	<b>90.4420951</b>	-0.7	<b>97.2931353</b>	7.6
Slippers	100	0.0	100	0.0
Slippers	100	0.0	100	0.0
Leisure footwear	86.9926676	-2.6	95.6172846	9.9
Leisure footwear all year	83.6748	-4.5	93.9703	12.3
<b>Leisure footwear summer</b>	<b>90.4420951</b>	-0.7	<b>97.2931353</b>	7.6
Street footwear	89.7313196	1.5	96.2092226	7.2
Street footwear all year	92.0723	11.7	98.0672	6.5
Street footwear winter	86.7626	-5.8	93.3349163	7.6
<b>Street footwear summer</b>	<b>90.4420951</b>	-0.7	<b>97.2931353</b>	7.6
Sport footwear	90.5309	-3.9	101.3567	12.0
Sport footwear	90.5309	-3.9	101.3567	12.0

The imputation factor in March 2011 for unavailable seasonal women's shoes (summer leisure shoes, winter and summer street shoes) is based on the price development of slippers, all year leisure shoes, all year street shoes and sports shoes. Since winter street shoes disappear in March, they are not taken into account for the determination of the imputation factor. The price movement imputed to the three unavailable seasonal elementary product groups is equal to the rate of change of prices of women's shoes as shown in Figure 6 above. If we calculate the change without these three seasonal products, the development of women's shoes prices remains at 7.6%.

When the season resumes, the prices imputed in t-1 must be taken into account.

$$\hat{I}_s^t = \left[ \prod \left( \frac{P_x^t}{P_x^{t-1}} \cdot \frac{P_s^t}{\hat{P}_s^{t-1}} \right) \right]^{\frac{1}{n}}$$

$\hat{I}_s^t$  : Imputed index of the seasonal missing product

$P_s^t$  : Price of the seasonal products available in  $t$

$\hat{P}_s^{t-1}$  : Estimated price of seasonal missing products in the month  $t - 1$

$n$  : Number of price observations

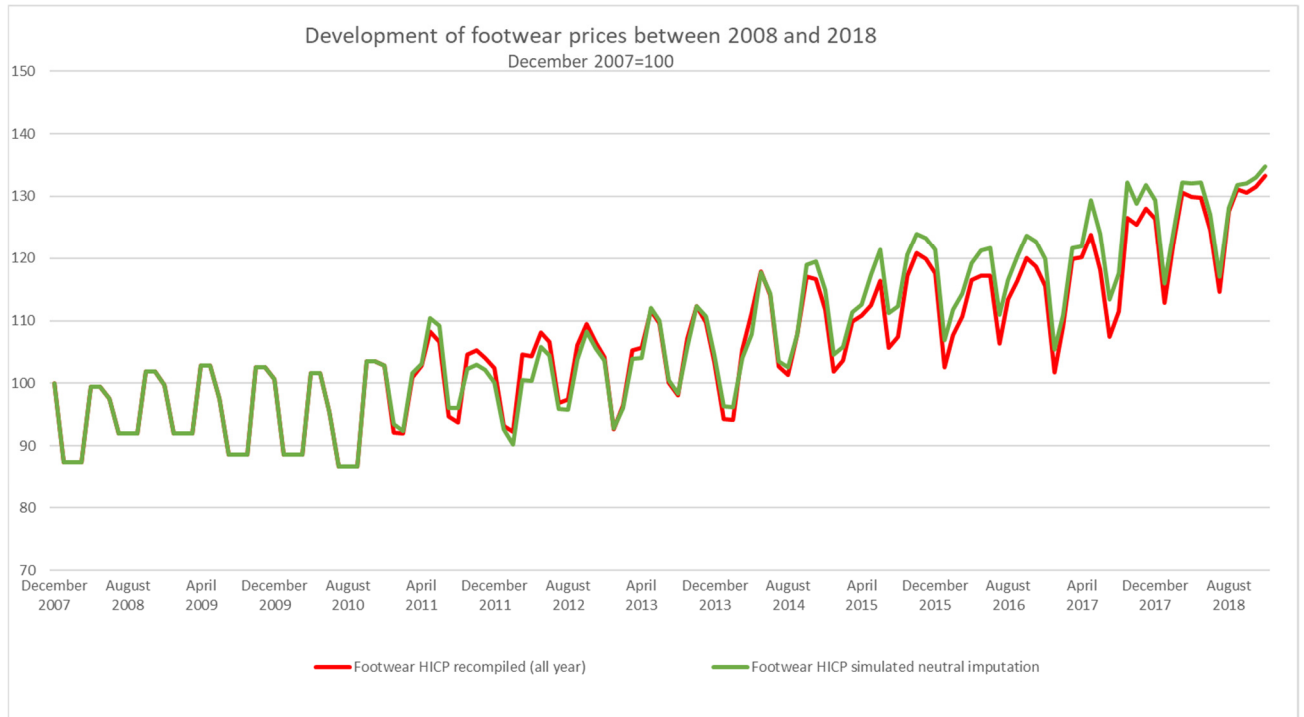
Figure 7: Calculation of the imputation factor for the missing product in May 2011

	2011		2011	
	April	%	May	%
<b>Footwear for women</b>	<b>100.131972</b>	2.9	<b>111.122626</b>	11.0
Slippers	99.9327	-0.1	100.0087	0.1
Slippers	99.9327	-0.1	100.0087	0.1
Leisure footwear	100.906391	5.5	103.938693	3.0
Leisure footwear all year	101.6868	8.2	100.7657	-0.9
<b>Leisure footwear summer</b>	<b>100.131972</b>	2.9	107.2116	7.1
Street footwear	98.8773128	2.8	121.679615	23.1
Street footwear all year	100.5038	2.5	95.8337	-4.6
Street footwear winter	96.0582595	2.9	106.601776	11.0
<b>Street footwear summer</b>	<b>100.131972</b>	2.9	176.3481	76.1
Sport footwear	102.6064	1.2	107.4909	4.8
Sport footwear	102.6064	1.2	107.4909	4.8

The imputation factor in May 2011 for winter street shoes is based on the price development

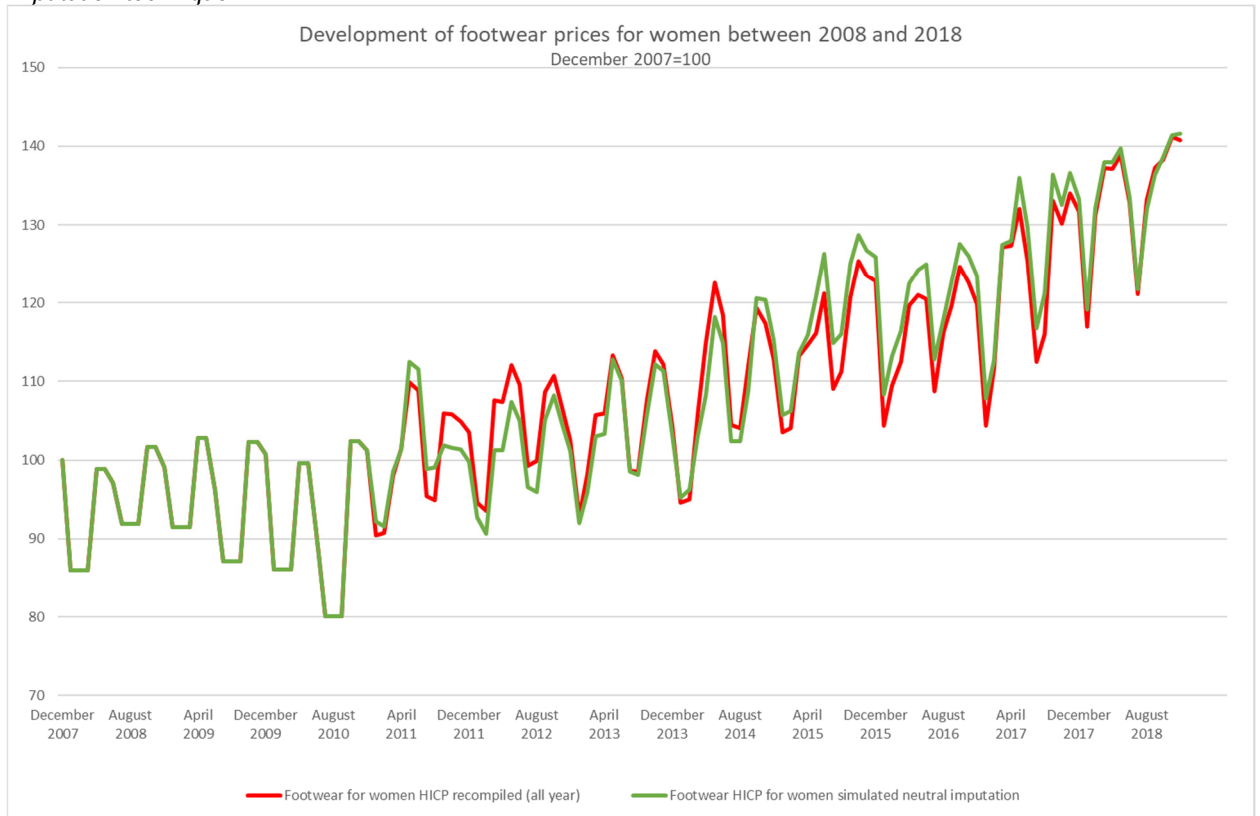
of slippers, leisure shoes all year and summer, street shoes for all year and summer and sports shoes. The rate of change imputed to the seasonal elementary product group is equal to the rate of change of prices of women's shoes. If we calculate the change without the seasonal elementary product group, the price development of women's shoes remains at 11%. The result of this neutral imputation technique is shown in Graphs 14-17.

Graph 14: HICP development for shoes, from 2008 to 2018, with original standard baskets, neutral imputation technique

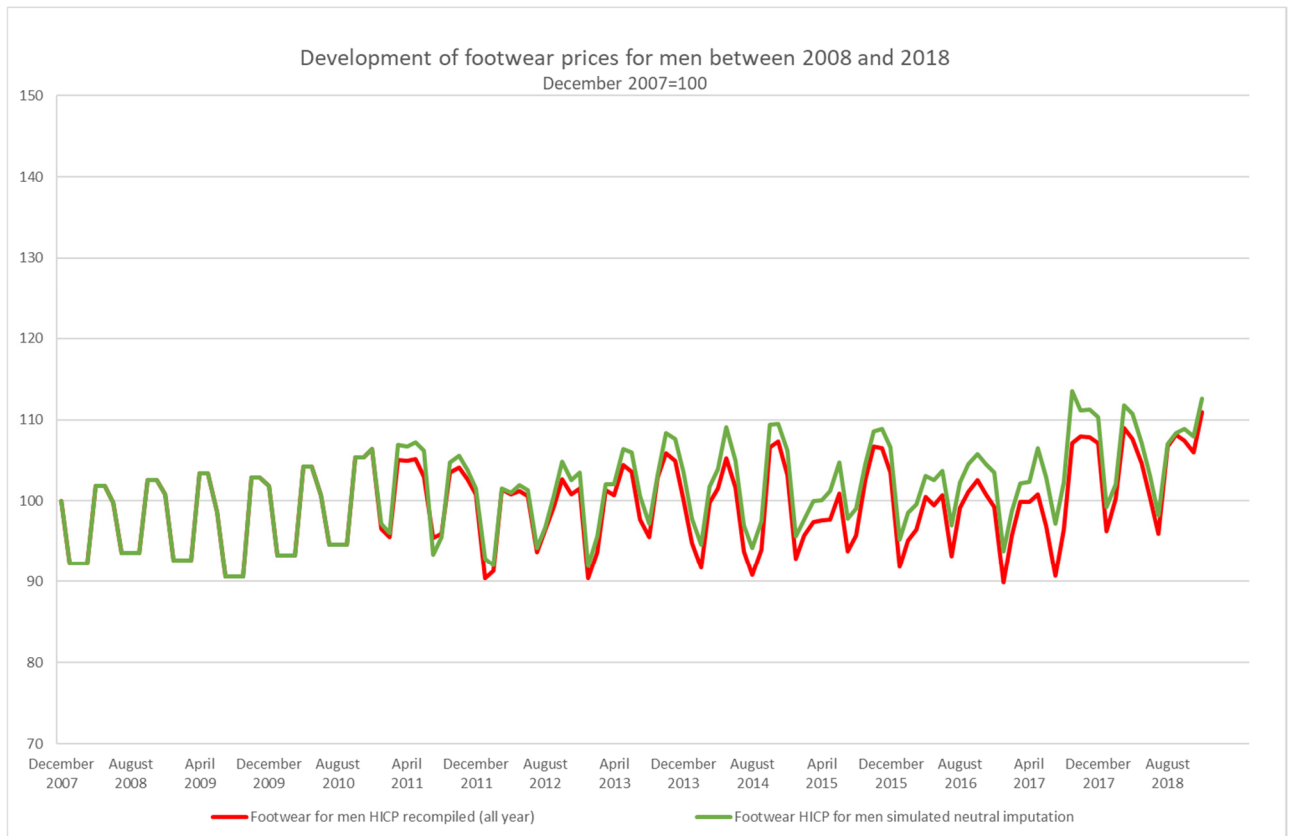


The result is very close to the recompiled HICP. The situation is the same for women's, men's and children's shoes.

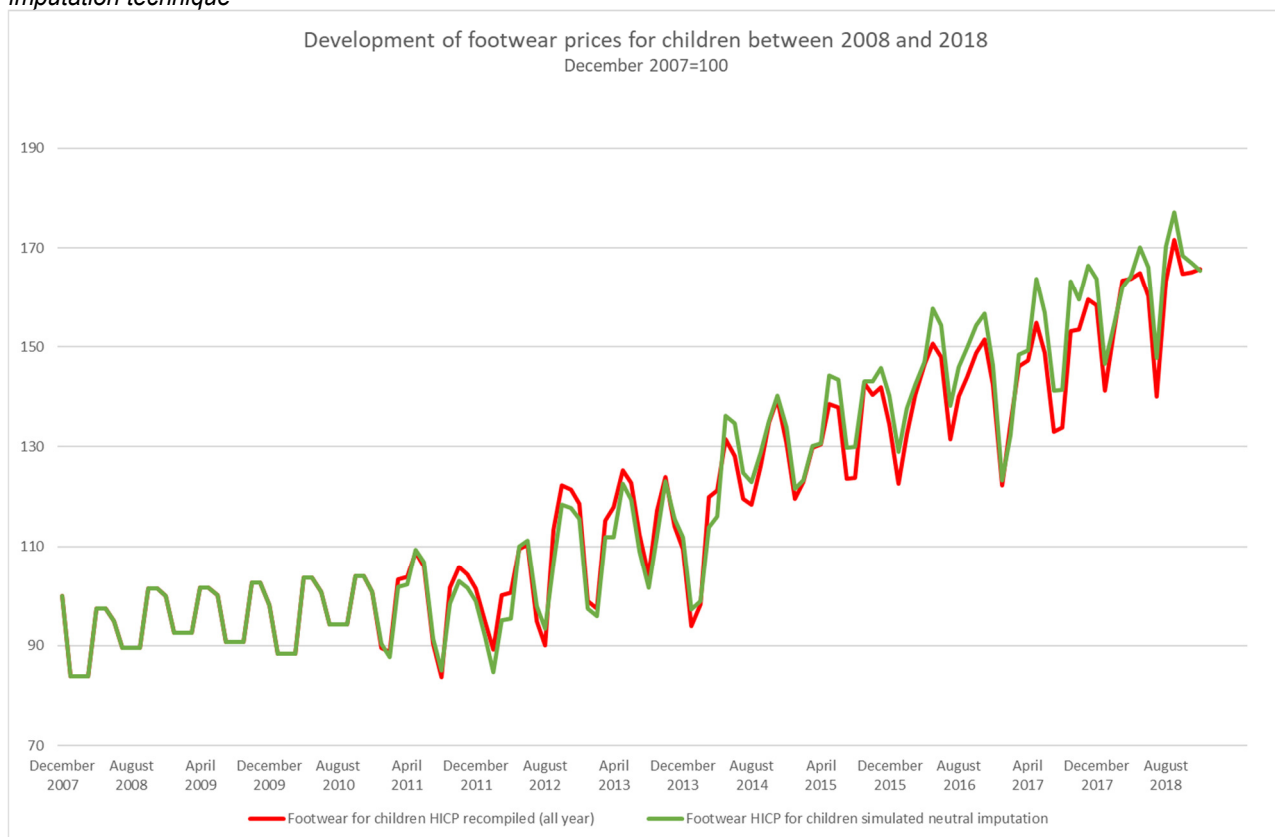
**Graph 15: HICP development for women's shoes, from 2008 to 2018, with original standard baskets, neutral imputation technique**



**Graph 16: HICP development for men's shoes, from 2008 to 2018, with original standard baskets, neutral imputation technique**



Graph 17: HICP development for children's shoes, from 2008 to 2018, with original standard baskets, neutral imputation technique



## 11 Preliminary conclusions

This work is far from over. It is obviously not the imputation technique that explains the upward results in the Swiss HICP. Something else is going on. Nevertheless, on the basis of these initial studies, initial conclusions could be drawn:

1. If the carrying forward method is used, the number of imputation each month must be the same, otherwise there is a bias.
2. Counter-seasonal and all-season imputation techniques have a different impact on the results, depending on how the standard basket is constructed and the level of imputation.
3. The harmonisation of the indices with the European regulation on the treatment of missing seasonal products is questionable: If all European countries collected the same prices and price movements, the results would be different depending on how the standard basket is constructed at a fine level and on the choice of imputation technique (counter seasonal or all season).
4. Only the prices actually collected should have an impact on the results. Products that are missing for seasonal reasons must not influence the results. The neutral imputation method would therefore be the method to be applied. However, its practical implementation is not easy and not unique depending on the way indices are compiled.

5. As for our problem, it still requires some reflection and analysis. In my opinion, for items that combine seasonality and high price volatility, the traditional survey and compilation technique is coming to an end. There is an urgent need to find another method of measurement and aggregation.

It should also be noted that the weights of shoes are very low, so these price changes have only a minimal influence on the total result.





## Annex 1: Indices from 2008 to 2018

	December 2007=100												
	2007 December	2008 January	2008 February	2008 March	2008 April	2008 May	2008 June	2008 July	2008 August	2008 September	2008 October	2008 November	2008 December
Footwear HICP	100	87.4	87.4	87.4	99.5	99.5	97.5	92.0	92.0	92.0	101.9	101.9	99.7
Women footwear HICP	100	85.9	85.9	85.9	98.9	98.9	97.1	91.9	91.9	91.9	101.7	101.7	99.1
Men footwear HICP	100	92.3	92.3	92.3	101.9	101.9	99.8	93.6	93.6	93.6	102.6	102.6	100.8
Children footwear HICP	100	83.9	83.9	83.9	97.4	97.4	94.9	89.6	89.6	89.6	101.5	101.5	99.9
Footwear CPI	100	87.5	87.5	87.5	99.5	99.5	97.5	92.1	92.1	92.1	101.9	101.9	99.7
Women footwear CPI	100	85.9	85.9	85.9	98.9	98.9	97.1	91.9	91.9	91.9	101.7	101.7	99.1
Men footwear CPI	100	92.3	92.3	92.3	101.9	101.9	99.8	93.6	93.6	93.6	102.6	102.6	100.8
Children footwear CPI	100	83.9	83.9	83.9	97.4	97.4	94.9	89.6	89.6	89.6	101.5	101.5	99.9
Footwear HICP recompiled (all year)	100	87.4	87.4	87.4	99.5	99.5	97.5	92.0	92.0	92.0	101.9	101.9	99.7
Footwear for women HICP recompiled (all year)	100	85.9	85.9	85.9	98.9	98.9	97.1	91.9	91.9	91.9	101.7	101.7	99.1
Footwear for men HICP recompiled (all year)	100	92.3	92.3	92.3	101.9	101.9	99.8	93.6	93.6	93.6	102.6	102.6	100.8
Footwear for children HICP recompiled (all year)	100	83.9	83.9	83.9	97.4	97.4	94.9	89.6	89.6	89.6	101.5	101.5	99.9
Footwear HICP simulated (counter seasonal)	100	87.4	87.4	87.4	99.5	99.5	97.5	92.0	92.0	92.0	101.9	101.9	99.7
Footwear for women HICP simulated (counter seasonal)	100	85.9	85.9	85.9	98.9	98.9	97.1	91.9	91.9	91.9	101.7	101.7	99.1
Footwear for men HICP simulated (counter seasonal)	100	92.3	92.3	92.3	101.9	101.9	99.8	93.6	93.6	93.6	102.6	102.6	100.8
Footwear for children HICP simulated (counter seasonal)	100	83.9	83.9	83.9	97.4	97.4	94.9	89.6	89.6	89.6	101.5	101.5	99.9
Footwear HICP simulated (all season)	100	87.4	87.4	87.4	99.5	99.5	97.5	92.0	92.0	92.0	101.9	101.9	99.7
Footwear for women HICP simulated (all season)	100	85.9	85.9	85.9	98.9	98.9	97.1	91.9	91.9	91.9	101.7	101.7	99.1
Footwear for men HICP simulated (all season)	100	92.3	92.3	92.3	101.9	101.9	99.8	93.6	93.6	93.6	102.6	102.6	100.8
Footwear for children HICP simulated (all season)	100	83.9	83.9	83.9	97.4	97.4	94.9	89.6	89.6	89.6	101.5	101.5	99.9
Footwear HICP simulated neutral imputation	100	87.4	87.4	87.4	99.5	99.5	97.5	92.0	92.0	92.0	101.9	101.9	99.7
Footwear HICP for women simulated neutral imputation	100	85.9	85.9	85.9	98.9	98.9	97.1	91.9	91.9	91.9	101.7	101.7	99.1
Footwear HICP for men simulated neutral imputation	100	92.3	92.3	92.3	101.9	101.9	99.8	93.6	93.6	93.6	102.6	102.6	100.8
Footwear HICP for children simulated neutral imputation	100	83.9	83.9	83.9	97.4	97.4	94.9	89.6	89.6	89.6	101.5	101.5	99.9
Footwear HICP simulated with new basket (counter seasonal)	100	87.4	87.4	87.4	99.5	99.5	97.5	92.0	92.0	92.0	101.9	101.9	99.7
Footwear for women HICP simulated with new basket (counter seasonal)	100	85.9	85.9	85.9	98.9	98.9	97.1	91.9	91.9	91.9	101.7	101.7	99.1
Footwear for men HICP simulated with new basket (counter seasonal)	100	92.3	92.3	92.3	101.9	101.9	99.8	93.6	93.6	93.6	102.6	102.6	100.8
Footwear for children HICP simulated with new basket (counter seasonal)	100	83.9	83.9	83.9	97.4	97.4	94.9	89.6	89.6	89.6	101.5	101.5	99.9
Footwear HICP simulated with new basket (all year)	100	87.4	87.4	87.4	99.5	99.5	97.5	92.0	92.0	92.0	101.9	101.9	99.7
Footwear for women HICP simulated with new basket (all year)	100	85.9	85.9	85.9	98.9	98.9	97.1	91.9	91.9	91.9	101.7	101.7	99.1
Footwear for men HICP simulated with new basket (all year)	100	92.3	92.3	92.3	101.9	101.9	99.8	93.6	93.6	93.6	102.6	102.6	100.8
Footwear for children HICP simulated with new basket (all year)	100	83.9	83.9	83.9	97.4	97.4	94.9	89.6	89.6	89.6	101.5	101.5	99.9
Footwear HICP simulated with new basket (all season)	100	87.4	87.4	87.4	99.5	99.5	97.5	92.0	92.0	92.0	101.9	101.9	99.7
Footwear for women HICP simulated with new basket (all season)	100	85.9	85.9	85.9	98.9	98.9	97.1	91.9	91.9	91.9	101.7	101.7	99.1
Footwear for men HICP simulated with new basket (all season)	100	92.3	92.3	92.3	101.9	101.9	99.8	93.6	93.6	93.6	102.6	102.6	100.8
Footwear for children HICP simulated with new basket (all season)	100	83.9	83.9	83.9	97.4	97.4	94.9	89.6	89.6	89.6	101.5	101.5	99.9

	December 2007=100											
	2009 January	2009 February	2009 March	2009 April	2009 May	2009 June	2009 July	2009 August	2009 September	2009 October	2009 November	2009 December
Footwear HICP	92.0	92.0	92.0	102.8	102.8	97.5	88.7	88.7	88.7	102.5	102.5	100.7
Women footwear HICP	91.4	91.4	91.4	102.8	102.8	96.2	87.0	87.0	87.0	102.3	102.3	100.8
Men footwear HICP	92.7	92.7	92.7	103.4	103.4	98.7	90.5	90.5	90.5	102.9	102.9	101.9
Children footwear HICP	92.5	92.5	92.5	101.7	101.7	100.2	90.8	90.8	90.8	102.7	102.7	98.1
Footwear CPI	92.0	92.0	92.0	102.8	102.8	97.5	88.6	88.6	88.6	102.5	102.5	100.7
Women footwear CPI	91.4	91.4	91.4	102.8	102.8	96.2	87.0	87.0	87.0	102.3	102.3	100.8
Men footwear CPI	92.7	92.7	92.7	103.4	103.4	98.7	90.5	90.5	90.5	102.9	102.9	101.9
Children footwear CPI	92.5	92.5	92.5	101.7	101.7	100.2	90.8	90.8	90.8	102.7	102.7	98.1
Footwear HICP recompiled (all year)	92.0	92.0	92.0	102.8	102.8	97.5	88.7	88.7	88.7	102.5	102.5	100.7
Footwear for women HICP recompiled (all year)	91.4	91.4	91.4	102.8	102.8	96.2	87.0	87.0	87.0	102.3	102.3	100.8
Footwear for men HICP recompiled (all year)	92.7	92.7	92.7	103.4	103.4	98.7	90.5	90.5	90.5	102.9	102.9	101.9
Footwear for children HICP recompiled (all year)	92.5	92.5	92.5	101.7	101.7	100.2	90.8	90.8	90.8	102.7	102.7	98.1
Footwear HICP simulated (counter seasonal)	92.0	92.0	92.0	102.8	102.8	97.5	88.7	88.7	88.7	102.5	102.5	100.7
Footwear for women HICP simulated (counter seasonal)	91.4	91.4	91.4	102.8	102.8	96.2	87.0	87.0	87.0	102.3	102.3	100.8
Footwear for men HICP simulated (counter seasonal)	92.7	92.7	92.7	103.4	103.4	98.7	90.5	90.5	90.5	102.9	102.9	101.9
Footwear for children HICP simulated (counter seasonal)	92.5	92.5	92.5	101.7	101.7	100.2	90.8	90.8	90.8	102.7	102.7	98.1
Footwear HICP simulated (all season)	92.0	92.0	92.0	102.8	102.8	97.5	88.7	88.7	88.7	102.5	102.5	100.7
Footwear for women HICP simulated (all season)	91.4	91.4	91.4	102.8	102.8	96.2	87.0	87.0	87.0	102.3	102.3	100.8
Footwear for men HICP simulated (all season)	92.7	92.7	92.7	103.4	103.4	98.7	90.5	90.5	90.5	102.9	102.9	101.9
Footwear for children HICP simulated (all season)	92.5	92.5	92.5	101.7	101.7	100.2	90.8	90.8	90.8	102.7	102.7	98.1
Footwear HICP simulated neutral imputation	92.0	92.0	92.0	102.8	102.8	97.5	88.7	88.7	88.7	102.5	102.5	100.7
Footwear HICP for women simulated neutral imputation	91.4	91.4	91.4	102.8	102.8	96.2	87.0	87.0	87.0	102.3	102.3	100.8
Footwear HICP for men simulated neutral imputation	92.7	92.7	92.7	103.4	103.4	98.7	90.5	90.5	90.5	102.9	102.9	101.9
Footwear HICP for children simulated neutral imputation	92.5	92.5	92.5	101.7	101.7	100.2	90.8	90.8	90.8	102.7	102.7	98.1
Footwear HICP simulated with new basket (counter seasonal)	92.0	92.0	92.0	102.8	102.8	97.5	88.7	88.7	88.7	102.5	102.5	100.7
Footwear for women HICP simulated with new basket (counter seasonal)	91.4	91.4	91.4	102.8	102.8	96.2	87.0	87.0	87.0	102.3	102.3	100.8
Footwear for men HICP simulated with new basket (counter seasonal)	92.7	92.7	92.7	103.4	103.4	98.7	90.5	90.5	90.5	102.9	102.9	101.9
Footwear for children HICP simulated with new basket (counter seasonal)	92.5	92.5	92.5	101.7	101.7	100.2	90.8	90.8	90.8	102.7	102.7	98.1
Footwear HICP simulated with new basket (all year)	92.0	92.0	92.0	102.8	102.8	97.5	88.7	88.7	88.7	102.5	102.5	100.7
Footwear for women HICP simulated with new basket (all year)	91.4	91.4	91.4	102.8	102.8	96.2	87.0	87.0	87.0	102.3	102.3	100.8
Footwear for men HICP simulated with new basket (all year)	92.7	92.7	92.7	103.4	103.4	98.7	90.5	90.5	90.5	102.9	102.9	101.9
Footwear for children HICP simulated with new basket (all year)	92.5	92.5	92.5	101.7	101.7	100.2	90.8	90.8	90.8	102.7	102.7	98.1
Footwear HICP simulated with new basket (all season)	92.0	92.0	92.0	102.8	102.8	97.5	88.7	88.7	88.7	102.5	102.5	100.7
Footwear for women HICP simulated with new basket (all season)	91.4	91.4	91.4	102.8	102.8	96.2	87.0	87.0	87.0	102.3	102.3	100.8
Footwear for men HICP simulated with new basket (all season)	92.7	92.7	92.7	103.4	103.4	98.7	90.5	90.5	90.5	102.9	102.9	101.9
Footwear for children HICP simulated with new basket (all season)	92.5	92.5	92.5	101.7	101.7	100.2	90.8	90.8	90.8	102.7	102.7	98.1

	December 2007=100												
	2010 January	2010 February	2010 March	2010 April	2010 May	2010 June	2010 July	2010 August	2010 September	2010 October	2010 November	2010 December	
Footwear HICP	88.6	88.6	88.6	101.6	101.6	95.4	86.8	86.8	86.8	103.5	103.5	102.8	
Women footwear HICP	85.9	85.9	85.9	99.5	99.5	90.7	80.1	80.1	80.1	102.4	102.4	101.3	
Men footwear HICP	93.3	93.3	93.3	104.2	104.2	100.8	94.7	94.7	94.7	105.4	105.4	106.4	
Children footwear HICP	88.3	88.3	88.3	103.6	103.6	100.8	94.2	94.2	94.2	103.9	103.9	100.8	
Footwear CPI	88.6	88.6	88.6	101.6	101.6	95.4	86.8	86.8	86.8	103.6	103.6	102.8	
Women footwear CPI	85.9	85.9	85.9	99.5	99.5	90.7	80.1	80.1	80.1	102.4	102.4	101.3	
Men footwear CPI	93.3	93.3	93.3	104.2	104.2	100.8	94.7	94.7	94.7	105.4	105.4	106.4	
Children footwear CPI	88.3	88.3	88.3	103.6	103.6	100.8	94.2	94.2	94.2	103.9	103.9	100.8	
Footwear HICP recompiled (all year)	88.6	88.6	88.6	101.6	101.6	95.4	86.8	86.8	86.8	103.5	103.5	102.8	
Footwear for women HICP recompiled (all year)	85.9	85.9	85.9	99.5	99.5	90.7	80.1	80.1	80.1	102.4	102.4	101.3	
Footwear for men HICP recompiled (all year)	93.3	93.3	93.3	104.2	104.2	100.8	94.7	94.7	94.7	105.4	105.4	106.4	
Footwear for children HICP recompiled (all year)	88.3	88.3	88.3	103.6	103.6	100.8	94.2	94.2	94.2	103.9	103.9	100.8	
Footwear HICP simulated (counter seasonal)	88.6	88.6	88.6	101.6	101.6	95.4	86.8	86.8	86.8	103.5	103.5	102.8	
Footwear for women HICP simulated (counter seasonal)	85.9	85.9	85.9	99.5	99.5	90.7	80.1	80.1	80.1	102.4	102.4	101.3	
Footwear for men HICP simulated (counter seasonal)	93.3	93.3	93.3	104.2	104.2	100.8	94.7	94.7	94.7	105.4	105.4	106.4	
Footwear for children HICP simulated (counter seasonal)	88.3	88.3	88.3	103.6	103.6	100.8	94.2	94.2	94.2	103.9	103.9	100.8	
Footwear HICP simulated (all season)	88.6	88.6	88.6	101.6	101.6	95.4	86.8	86.8	86.8	103.5	103.5	102.8	
Footwear for women HICP simulated (all season)	85.9	85.9	85.9	99.5	99.5	90.7	80.1	80.1	80.1	102.4	102.4	101.3	
Footwear for men HICP simulated (all season)	93.3	93.3	93.3	104.2	104.2	100.8	94.7	94.7	94.7	105.4	105.4	106.4	
Footwear for children HICP simulated (all season)	88.3	88.3	88.3	103.6	103.6	100.8	94.2	94.2	94.2	103.9	103.9	100.8	
Footwear HICP simulated neutral imputation	88.6	88.6	88.6	101.6	101.6	95.4	86.8	86.8	86.8	103.5	103.5	102.8	
Footwear HICP for women simulated neutral imputation	85.9	85.9	85.9	99.5	99.5	90.7	80.1	80.1	80.1	102.4	102.4	101.3	
Footwear HICP for men simulated neutral imputation	93.3	93.3	93.3	104.2	104.2	100.8	94.7	94.7	94.7	105.4	105.4	106.4	
Footwear HICP for children simulated neutral imputation	88.3	88.3	88.3	103.6	103.6	100.8	94.2	94.2	94.2	103.9	103.9	100.8	
Footwear HICP simulated with new basket (counter seasonal)	88.6	88.6	88.6	101.6	101.6	95.4	86.8	86.8	86.8	103.5	103.5	102.8	
Footwear for women HICP simulated with new basket (counter seasonal)	85.9	85.9	85.9	99.5	99.5	90.7	80.1	80.1	80.1	102.4	102.4	101.3	
Footwear for men HICP simulated with new basket (counter seasonal)	93.3	93.3	93.3	104.2	104.2	100.8	94.7	94.7	94.7	105.4	105.4	106.4	
Footwear for children HICP simulated with new basket (counter seasonal)	88.3	88.3	88.3	103.6	103.6	100.8	94.2	94.2	94.2	103.9	103.9	100.8	
Footwear HICP simulated with new basket (all year)	88.6	88.6	88.6	101.6	101.6	95.4	86.8	86.8	86.8	103.5	103.5	102.8	
Footwear for women HICP simulated with new basket (all year)	85.9	85.9	85.9	99.5	99.5	90.7	80.1	80.1	80.1	102.4	102.4	101.3	
Footwear for men HICP simulated with new basket (all year)	93.3	93.3	93.3	104.2	104.2	100.8	94.7	94.7	94.7	105.4	105.4	106.4	
Footwear for children HICP simulated with new basket (all year)	88.3	88.3	88.3	103.6	103.6	100.8	94.2	94.2	94.2	103.9	103.9	100.8	
Footwear HICP simulated with new basket (all season)	88.6	88.6	88.6	101.6	101.6	95.4	86.8	86.8	86.8	103.5	103.5	102.8	
Footwear for women HICP simulated with new basket (all season)	85.9	85.9	85.9	99.5	99.5	90.7	80.1	80.1	80.1	102.4	102.4	101.3	
Footwear for men HICP simulated with new basket (all season)	93.3	93.3	93.3	104.2	104.2	100.8	94.7	94.7	94.7	105.4	105.4	106.4	
Footwear for children HICP simulated with new basket (all season)	88.3	88.3	88.3	103.6	103.6	100.8	94.2	94.2	94.2	103.9	103.9	100.8	

December 2007=100												
	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011	2011
	January	February	March	April	May	June	July	August	September	October	November	December
Footwear HICP	92.3	91.6	101.4	103.0	105.3	103.5	90.0	89.3	101.3	102.1	101.1	99.2
Women footwear HICP	90.8	90.5	97.7	100.7	103.9	102.9	89.2	88.2	99.4	99.5	98.7	97.3
Men footwear HICP	95.7	94.5	107.2	107.1	107.4	104.4	91.9	94.2	105.1	105.6	104.7	102.1
Children footwear HICP	90.7	89.2	103.1	103.5	106.5	103.8	88.6	82.1	100.3	104.7	103.3	100.5
Footwear CPI	93.8	92.6	98.9	100.0	102.7	101.7	91.2	91.2	99.0	99.7	99.2	97.6
Women footwear CPI	92.6	91.6	96.6	98.5	102.8	102.0	91.9	91.9	98.9	98.9	98.9	97.6
Men footwear CPI	96.4	95.3	104.2	104.0	104.1	102.8	92.1	94.0	101.8	102.8	101.8	99.7
Children footwear CPI	92.6	90.1	95.9	96.3	99.1	97.4	85.7	81.1	92.1	95.0	94.3	92.4
Footwear HICP recompiled (all year)	92.2	92.0	100.9	102.9	108.2	106.6	94.8	93.8	104.6	105.3	104.1	102.4
Footwear for women HICP recompiled (all year)	90.4	90.8	98.0	101.5	109.9	108.9	95.5	94.9	106.0	105.9	104.9	103.6
Footwear for men HICP recompiled (all year)	96.5	95.6	105.1	105.0	105.2	103.0	95.4	96.0	103.5	104.1	102.7	100.8
Footwear for children HICP recompiled (all year)	89.5	88.8	103.2	103.8	108.8	106.0	90.4	83.6	101.6	105.9	104.4	101.4
Footwear HICP simulated (counter seasonal)	93.0	90.9	100.8	102.8	116.4	114.9	99.6	100.0	96.9	97.9	97.2	95.4
Footwear for women HICP simulated (counter seasonal)	91.9	90.0	97.2	100.6	120.9	120.0	103.7	104.6	93.1	93.6	93.2	92.0
Footwear for men HICP simulated (counter seasonal)	96.3	94.6	107.9	107.8	108.0	105.7	93.5	95.7	106.3	106.3	104.9	102.6
Footwear for children HICP simulated (counter seasonal)	90.1	85.4	99.3	99.9	118.5	116.5	97.3	91.1	90.6	95.8	95.2	92.3
Footwear HICP simulated (all season)	92.6	91.3	101.3	103.3	109.1	107.6	93.8	93.7	105.5	106.3	105.3	103.4
Footwear for women HICP simulated (all season)	91.1	90.4	97.6	101.0	109.9	108.9	94.9	95.0	106.0	106.2	105.5	104.2
Footwear for men HICP simulated (all season)	96.3	94.6	107.9	107.8	108.0	105.7	93.5	95.7	106.3	106.3	104.9	102.6
Footwear for children HICP simulated (all season)	89.8	87.1	101.3	101.8	108.8	106.5	89.9	83.6	101.6	106.7	105.6	102.5
Footwear HICP simulated neutral imputation	93.5	92.5	101.6	103.2	110.4	109.2	96.1	96.1	102.3	103.0	102.2	100.2
Footwear HICP for women simulated neutral imputation	92.2	91.6	98.5	101.4	112.5	111.5	98.8	99.0	101.8	101.6	101.4	99.8
Footwear HICP for men simulated neutral imputation	97.2	96.0	106.9	106.7	107.2	106.2	93.4	95.5	104.8	105.6	103.8	101.6
Footwear HICP for children simulated neutral imputation	90.4	87.8	101.7	102.3	109.4	106.9	91.4	85.1	98.4	103.0	101.6	99.0
Footwear HICP simulated with new basket (counter seasonal)	94.6	90.7	99.6	101.2	118.9	118.6	103.1	100.7	90.1	92.8	92.8	91.2
Footwear for women HICP simulated with new basket (counter seasonal)	92.8	89.4	96.2	99.0	125.6	124.3	107.4	106.3	83.8	85.0	85.6	84.3
Footwear for men HICP simulated with new basket (counter seasonal)	99.9	96.6	107.5	107.4	108.0	110.2	99.2	96.4	102.6	106.4	105.4	104.5
Footwear for children HICP simulated with new basket (counter seasonal)	89.3	82.0	95.1	95.6	117.2	114.9	94.3	87.9	86.3	93.1	92.9	88.6
Footwear HICP simulated with new basket (all year)	93.9	92.1	101.1	102.7	109.5	108.6	95.8	95.4	100.3	101.5	100.9	99.1
Footwear for women HICP simulated with new basket (all year)	92.4	90.9	97.8	100.7	111.4	110.4	97.8	98.0	98.8	99.0	99.1	97.5
Footwear for men HICP simulated with new basket (all year)	98.0	96.2	107.1	106.9	107.8	107.6	95.2	96.0	104.7	106.4	104.8	103.0
Footwear for children HICP simulated with new basket (all year)	90.3	87.0	100.9	101.4	105.9	103.4	88.9	82.8	95.7	100.5	99.4	96.5
Footwear HICP simulated with new basket (all season)	94.2	91.4	100.4	101.9	109.5	108.9	95.4	94.1	100.3	102.4	102.1	100.3
Footwear for women HICP simulated with new basket (all season)	92.6	90.2	97.0	99.8	111.4	110.3	96.5	96.1	98.8	99.6	100.0	98.4
Footwear for men HICP simulated with new basket (all season)	99.0	96.4	107.3	107.1	107.8	108.8	97.1	96.1	104.7	107.5	106.2	104.8
Footwear for children HICP simulated with new basket (all season)	89.8	84.5	97.9	98.5	105.9	103.6	87.0	81.1	95.7	101.9	101.2	97.4

December 2007=100												
	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
	January	February	March	April	May	June	July	August	September	October	November	December
Footwear HICP	89.7	88.5	101.6	101.3	104.6	103.2	92.8	93.7	102.1	106.3	104.0	101.2
Women footwear HICP	88.4	87.3	102.2	101.8	105.6	103.2	91.9	93.2	102.2	104.9	101.7	97.2
Men footwear HICP	90.6	91.3	101.8	101.2	102.4	101.5	95.0	96.5	98.8	103.6	101.9	102.3
Children footwear HICP	93.4	87.1	99.1	99.5	106.8	107.8	91.5	88.7	111.4	120.3	119.8	116.3
Footwear CPI	90.9	89.2	95.2	95.1	98.4	97.3	90.7	90.4	94.1	98.0	96.5	95.0
Women footwear CPI	91.6	90.2	96.2	96.1	100.0	98.2	91.2	90.8	94.7	97.4	95.8	93.2
Men footwear CPI	91.3	90.6	96.5	96.3	97.2	96.6	91.7	92.4	94.5	99.3	97.6	98.0
Children footwear CPI	87.2	81.7	87.5	87.7	94.3	95.2	85.9	84.2	90.8	97.8	97.7	95.9
Footwear HICP recompiled (all year)	93.2	92.3	104.6	104.3	108.1	106.6	96.9	97.5	106.1	109.4	106.6	104.2
Footwear for women HICP recompiled (all year)	94.6	93.6	107.6	107.4	112.1	109.6	99.3	99.9	108.6	110.7	106.6	102.5
Footwear for men HICP recompiled (all year)	90.4	91.3	101.5	100.8	101.2	100.6	93.7	96.4	99.2	102.7	100.8	101.5
Footwear for children HICP recompiled (all year)	94.9	89.1	100.2	100.7	109.6	110.4	94.9	90.0	113.3	122.3	121.4	118.5
Footwear HICP simulated (counter seasonal)	87.0	85.6	97.1	96.8	104.1	102.9	94.6	93.8	102.3	100.5	97.9	95.9
Footwear for women HICP simulated (counter seasonal)	84.8	83.7	96.2	96.0	102.8	100.7	92.6	91.1	99.2	97.7	94.1	90.5
Footwear for men HICP simulated (counter seasonal)	91.9	92.9	103.2	102.5	103.0	102.3	95.3	98.1	100.9	104.4	102.5	103.3
Footwear for children HICP simulated (counter seasonal)	84.3	76.4	85.9	86.3	112.8	113.7	101.3	94.8	119.3	103.1	103.1	101.0
Footwear HICP simulated (all season)	94.3	93.0	105.4	105.1	109.2	107.8	98.5	98.5	107.2	110.6	107.7	105.4
Footwear for women HICP simulated (all season)	95.6	94.4	108.6	108.3	112.8	110.4	100.8	100.2	109.1	111.4	107.3	103.1
Footwear for men HICP simulated (all season)	91.9	92.9	103.2	102.5	103.0	102.3	95.3	98.1	100.9	104.4	102.5	103.3
Footwear for children HICP simulated (all season)	94.8	87.4	98.3	98.7	110.7	111.6	97.7	92.0	115.8	123.6	123.2	120.4
Footwear HICP simulated neutral imputation	92.6	90.3	100.5	100.4	105.9	104.5	95.9	95.9	103.7	108.3	105.5	103.7
Footwear HICP for women simulated neutral imputation	92.7	90.7	101.2	101.2	107.4	105.0	96.6	95.9	105.1	108.2	104.6	101.2
Footwear HICP for men simulated neutral imputation	92.9	92.1	101.5	101.0	102.0	101.3	94.2	96.8	100.6	104.9	102.6	103.5
Footwear HICP for children simulated neutral imputation	92.0	84.7	95.1	95.5	110.1	111.1	97.9	93.5	106.6	118.5	117.7	115.5
Footwear HICP simulated with new basket (counter seasonal)	82.7	79.0	87.9	87.8	106.2	105.0	96.8	92.5	100.4	100.7	99.7	97.0
Footwear for women HICP simulated with new basket (counter seasonal)	77.4	75.1	83.9	83.9	98.7	96.7	87.9	86.0	93.1	95.8	94.5	90.5
Footwear for men HICP simulated with new basket (counter seasonal)	93.5	89.8	99.1	98.6	115.9	114.9	109.2	102.0	106.5	109.8	108.4	107.8
Footwear for children HICP simulated with new basket (counter seasonal)	78.8	68.5	77.0	77.3	113.6	115.6	104.1	96.9	115.2	97.9	99.3	98.1
Footwear HICP simulated with new basket (all year)	91.2	88.5	98.4	98.3	103.6	102.2	94.0	93.2	100.9	109.4	107.1	104.9
Footwear for women HICP simulated with new basket (all year)	90.3	88.1	98.4	98.4	104.1	101.8	93.6	93.0	100.7	109.5	106.5	102.7
Footwear for men HICP simulated with new basket (all year)	93.6	91.9	101.4	100.9	103.8	103.1	96.4	96.4	100.7	106.8	104.8	105.3
Footwear for children HICP simulated with new basket (all year)	89.2	81.5	91.6	91.9	101.6	102.5	90.0	86.3	102.6	116.2	115.8	113.7
Footwear HICP simulated with new basket (all season)	91.6	88.2	98.1	98.0	104.9	103.6	95.3	92.8	100.5	110.7	109.0	106.5
Footwear for women HICP simulated with new basket (all season)	90.8	88.3	98.6	98.7	105.1	102.9	94.1	92.7	100.4	110.5	108.3	104.0
Footwear for men HICP simulated with new basket (all season)	94.5	91.8	101.3	100.8	105.6	104.8	98.8	95.5	99.7	108.7	107.0	107.0
Footwear for children HICP simulated with new basket (all season)	88.3	78.7	88.4	88.8	102.6	103.9	92.4	87.3	103.8	117.3	117.9	116.1

December 2007=100													
	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
	January	February	March	April	May	June	July	August	September	October	November	December	
Footwear HICP	89.1	92.2	101.5	101.5	107.7	105.4	95.3	93.4	103.0	109.3	106.8	100.1	
Women footwear HICP	86.9	91.3	98.1	98.4	106.2	103.4	91.1	90.9	100.0	107.9	106.1	97.9	
Men footwear HICP	90.3	93.3	102.5	101.0	104.6	103.4	96.5	95.0	103.7	107.4	106.8	101.5	
Children footwear HICP	97.1	95.4	114.5	117.4	123.7	121.1	110.5	101.5	115.3	122.2	112.0	107.5	
Footwear CPI	86.6	88.2	92.3	92.2	97.0	95.6	88.6	86.8	90.4	95.3	94.3	90.1	
Women footwear CPI	84.8	86.3	90.4	90.3	95.2	93.8	86.8	85.0	88.5	93.4	92.5	88.3	
Men footwear CPI	88.2	90.8	95.2	94.6	97.8	97.2	92.9	90.6	94.4	97.7	97.5	94.2	
Children footwear CPI	85.2	84.1	91.4	91.4	96.2	94.2	87.6	82.2	86.5	91.5	87.5	85.5	
Footwear HICP recompiled (all year)	92.7	96.4	105.3	105.6	111.7	109.6	100.1	98.1	107.2	112.3	109.7	103.4	
Footwear for women HICP recompiled (all year)	92.8	98.3	105.7	106.0	113.3	110.4	98.6	98.5	107.7	113.9	112.1	104.3	
Footwear for men HICP recompiled (all year)	90.4	93.7	101.3	100.7	104.4	103.6	97.7	95.6	102.9	105.8	105.0	100.1	
Footwear for children HICP recompiled (all year)	99.0	97.5	115.2	118.0	125.3	122.7	112.4	104.1	117.2	123.9	114.0	109.6	
Footwear HICP simulated (counter seasonal)	85.5	88.0	95.9	96.1	106.3	104.1	93.7	91.4	99.8	104.9	103.6	97.2	
Footwear for women HICP simulated (counter seasonal)	82.1	84.9	91.3	91.5	104.8	102.2	89.7	88.4	96.6	101.9	101.6	93.6	
Footwear for men HICP simulated (counter seasonal)	92.0	95.3	103.0	102.4	106.2	105.4	99.4	97.2	104.7	107.7	106.8	101.9	
Footwear for children HICP simulated (counter seasonal)	83.7	82.6	97.6	100.0	111.6	107.8	97.1	89.4	100.6	110.0	103.3	100.5	
Footwear HICP simulated (all season)	94.0	97.3	106.0	106.3	113.2	110.9	100.6	98.4	107.5	113.8	112.0	105.2	
Footwear for women HICP simulated (all season)	93.5	97.8	105.2	105.5	114.1	111.2	98.4	97.7	106.8	114.6	113.6	105.1	
Footwear for men HICP simulated (all season)	92.0	95.3	103.0	102.4	106.2	105.4	99.4	97.2	104.7	107.7	106.8	101.9	
Footwear for children HICP simulated (all season)	100.2	98.7	116.7	119.5	127.3	123.8	112.5	103.9	116.9	125.9	117.1	113.2	
Footwear HICP simulated neutral imputation	92.8	96.0	103.9	104.0	112.0	110.0	100.6	98.4	105.8	112.3	110.7	104.4	
Footwear HICP for women simulated neutral imputation	92.1	96.0	103.0	103.3	112.8	110.1	98.6	98.2	105.8	112.2	111.3	103.2	
Footwear HICP for men simulated neutral imputation	92.0	95.6	102.1	102.1	106.4	106.0	100.6	97.3	103.2	108.3	107.6	103.5	
Footwear HICP for children simulated neutral imputation	97.5	96.0	111.9	111.8	122.7	119.5	109.1	101.6	112.2	123.1	115.6	111.9	
Footwear HICP simulated with new basket (counter seasonal)	85.1	83.8	90.7	90.9	114.2	112.2	100.9	95.5	102.6	106.8	107.5	99.4	
Footwear for women HICP simulated with new basket (counter seasonal)	79.7	78.2	84.0	84.2	110.1	107.9	93.2	91.2	98.3	99.7	100.4	90.2	
Footwear for men HICP simulated with new basket (counter seasonal)	96.4	95.7	102.2	102.2	121.5	121.2	116.5	105.7	112.2	116.5	118.9	112.8	
Footwear for children HICP simulated with new basket (counter seasonal)	79.8	78.4	91.4	91.4	111.0	106.4	95.7	87.0	96.1	112.6	109.1	106.2	
Footwear HICP simulated with new basket (all year)	93.3	95.3	103.1	103.2	110.7	108.8	99.7	97.0	104.3	114.1	113.1	106.0	
Footwear for women HICP simulated with new basket (all year)	92.6	94.9	101.9	102.1	110.1	107.4	96.1	95.7	103.2	113.4	113.0	103.8	
Footwear for men HICP simulated with new basket (all year)	93.7	96.2	102.7	102.7	109.1	108.7	103.5	98.3	104.3	112.5	112.6	107.9	
Footwear for children HICP simulated with new basket (all year)	95.5	94.0	109.6	109.5	118.1	115.3	105.5	98.6	108.8	121.0	114.1	110.5	
Footwear HICP simulated with new basket (all season)	94.0	94.3	102.1	102.2	112.4	110.5	100.3	96.2	103.4	115.8	115.7	107.6	
Footwear for women HICP simulated with new basket (all season)	92.7	93.0	99.8	100.0	111.5	109.0	95.8	94.6	102.0	114.9	115.1	104.5	
Footwear for men HICP simulated with new basket (all season)	95.4	96.3	102.9	102.8	110.8	110.5	105.7	98.1	104.1	114.3	115.5	110.2	
Footwear for children HICP simulated with new basket (all season)	96.0	94.4	110.0	110.0	120.6	116.7	105.9	97.6	107.7	123.6	118.2	114.7	

	December 2007=100											
	2014 January	2014 February	2014 March	2014 April	2014 May	2014 June	2014 July	2014 August	2014 September	2014 October	2014 November	2014 December
Footwear HICP	91.0	89.8	100.7	107.4	114.2	110.5	98.1	97.4	103.7	114.3	114.0	108.9
Women footwear HICP	88.0	87.2	99.1	109.4	116.8	112.5	97.5	98.2	106.5	115.0	113.6	108.4
Men footwear HICP	95.6	91.9	100.3	102.2	106.2	102.6	93.8	90.2	93.7	108.1	108.5	104.5
Children footwear HICP	94.9	97.6	110.2	111.8	122.9	121.5	112.3	111.5	115.6	127.3	130.0	122.7
Footwear CPI	84.5	83.4	87.5	89.6	95.1	92.7	84.9	83.9	86.4	93.8	93.8	90.9
Women footwear CPI	82.8	82.4	86.3	89.1	95.1	92.6	83.6	83.1	86.1	91.7	91.5	88.5
Men footwear CPI	89.4	86.4	90.3	91.6	94.7	91.9	85.8	83.6	85.5	96.2	96.1	93.7
Children footwear CPI	78.0	78.5	83.6	84.5	93.2	92.6	85.9	85.3	86.8	93.6	95.3	91.9
Footwear HICP recompiled (all year)	94.3	94.2	105.4	111.2	117.9	114.1	102.8	101.4	107.8	117.0	116.7	111.8
Footwear for women HICP recompiled (all year)	94.6	95.0	105.8	114.8	122.5	118.4	104.5	104.0	112.0	119.3	117.4	112.9
Footwear for men HICP recompiled (all year)	94.8	91.8	99.8	101.6	105.2	101.6	93.8	90.8	94.0	106.6	107.3	103.2
Footwear for children HICP recompiled (all year)	94.0	98.3	119.9	121.3	131.4	128.1	119.6	118.5	126.2	134.8	139.5	130.7
Footwear HICP simulated (counter seasonal)	89.5	88.9	99.5	104.9	113.8	110.3	99.2	96.8	102.9	109.0	109.8	105.3
Footwear for women HICP simulated (counter seasonal)	86.1	86.3	96.1	104.3	114.2	110.2	97.1	94.6	101.8	108.0	107.9	103.3
Footwear for men HICP simulated (counter seasonal)	96.4	93.3	101.5	103.3	107.0	103.4	95.4	92.3	95.6	108.5	109.2	104.9
Footwear for children HICP simulated (counter seasonal)	87.3	88.4	107.8	109.1	124.6	123.9	114.5	114.8	122.3	112.0	117.4	112.2
Footwear HICP simulated (all season)	96.3	95.9	107.3	113.2	119.9	116.2	104.5	102.5	109.0	119.0	119.5	114.5
Footwear for women HICP simulated (all season)	96.0	96.3	107.3	116.5	123.5	119.3	105.2	103.5	111.5	120.3	119.2	114.4
Footwear for men HICP simulated (all season)	96.4	93.3	101.5	103.3	107.0	103.4	95.4	92.3	95.6	108.5	109.2	104.9
Footwear for children HICP simulated (all season)	96.4	99.7	121.7	123.1	135.8	133.7	123.7	123.0	131.0	139.3	146.2	138.4
Footwear HICP simulated neutral imputation	96.3	96.2	104.0	107.9	117.7	114.3	103.6	102.5	107.9	119.0	119.6	114.8
Footwear HICP for women simulated neutral imputation	95.3	96.3	103.0	108.2	118.2	114.8	102.4	102.4	108.8	120.5	120.3	115.3
Footwear HICP for men simulated neutral imputation	97.8	94.7	101.7	103.9	109.0	105.0	97.0	94.3	97.5	109.4	109.5	106.2
Footwear HICP for children simulated neutral imputation	97.3	99.0	113.9	116.0	136.3	134.7	124.8	123.0	128.9	135.2	140.3	133.9
Footwear HICP simulated with new basket (counter seasonal)	92.1	87.2	94.3	97.8	123.7	120.0	107.6	103.4	108.8	116.4	118.9	113.7
Footwear for women HICP simulated with new basket (counter seasonal)	83.4	80.0	85.6	89.9	113.7	109.9	97.2	93.0	98.8	114.6	118.2	110.6
Footwear for men HICP simulated with new basket (counter seasonal)	108.0	98.6	105.9	108.2	132.7	128.0	116.4	111.4	115.2	117.3	115.5	114.3
Footwear for children HICP simulated with new basket (counter seasonal)	91.2	89.7	103.2	105.1	143.7	142.7	131.6	129.4	135.6	113.7	122.0	118.8
Footwear HICP simulated with new basket (all year)	98.0	96.4	104.3	108.1	117.4	113.8	103.1	101.0	106.2	123.4	124.0	119.2
Footwear for women HICP simulated with new basket (all year)	95.9	95.5	102.2	107.3	116.4	112.8	100.8	99.1	105.3	124.6	124.9	119.3
Footwear for men HICP simulated with new basket (all year)	102.3	97.4	104.7	106.9	114.9	110.6	101.8	98.5	101.9	116.9	116.4	113.6
Footwear for children HICP simulated with new basket (all year)	96.0	97.7	112.5	114.6	127.8	126.0	117.1	115.5	121.0	133.7	138.8	132.5
Footwear HICP simulated with new basket (all season)	99.7	96.2	104.0	107.8	119.2	115.5	104.2	101.1	106.2	125.2	126.9	121.7
Footwear for women HICP simulated with new basket (all season)	96.6	94.4	101.1	106.1	117.2	113.4	100.9	97.8	103.9	125.5	127.6	120.7
Footwear for men HICP simulated with new basket (all season)	104.9	97.9	105.1	107.4	117.2	113.0	103.3	99.5	102.9	119.3	118.1	116.1
Footwear for children HICP simulated with new basket (all season)	99.1	99.2	114.1	116.2	132.7	131.3	121.6	119.7	125.4	138.9	146.6	141.3

	December 2007=100											
	2015 January	2015 February	2015 March	2015 April	2015 May	2015 June	2015 July	2015 August	2015 September	2015 October	2015 November	2015 December
Footwear HICP	98.7	100.1	106.6	107.2	108.1	112.0	100.3	102.9	111.6	117.2	116.2	114.0
Women footwear HICP	98.6	98.9	109.0	109.7	110.0	115.3	101.4	104.4	113.8	120.0	118.0	117.1
Men footwear HICP	93.2	95.8	97.1	97.7	97.0	100.3	92.2	95.1	102.0	108.3	108.1	105.1
Children footwear HICP	114.0	117.2	121.8	122.2	129.7	129.5	117.4	117.7	127.8	128.9	130.9	124.2
Footwear CPI	84.1	84.8	87.3	87.7	89.6	92.3	84.9	86.0	89.3	93.9	93.5	92.3
Women footwear CPI	82.4	82.5	86.3	86.8	88.5	92.1	83.7	84.9	88.3	93.0	91.8	91.2
Men footwear CPI	85.0	86.3	87.2	87.3	88.0	90.3	85.2	86.4	89.5	95.1	95.3	93.7
Children footwear CPI	86.4	87.8	89.5	89.6	94.9	94.7	86.8	87.0	90.4	92.4	93.8	90.5
Footwear HICP recompiled (all year)	101.9	103.6	109.9	110.8	112.5	116.3	105.7	107.5	117.2	120.8	119.9	117.6
Footwear for women HICP recompiled (all year)	103.6	104.1	113.2	114.7	116.1	121.3	109.1	111.2	120.7	125.4	123.5	122.8
Footwear for men HICP recompiled (all year)	92.9	95.8	97.4	97.7	97.7	101.0	93.8	95.8	102.6	106.7	106.5	103.5
Footwear for children HICP recompiled (all year)	119.6	123.0	129.9	130.5	138.5	137.9	123.6	123.7	142.7	140.3	142.0	134.6
Footwear HICP simulated (counter seasonal)	95.6	95.7	101.4	102.2	109.7	113.8	102.8	104.0	113.3	112.6	111.4	109.3
Footwear for women HICP simulated (counter seasonal)	94.4	92.6	100.7	102.0	114.2	119.8	106.9	107.3	116.5	113.3	110.9	110.1
Footwear for men HICP simulated (counter seasonal)	94.5	97.4	99.1	99.3	99.4	102.7	95.4	97.4	104.3	108.5	108.3	105.3
Footwear for children HICP simulated (counter seasonal)	101.3	102.5	108.2	108.7	114.5	114.1	102.5	104.5	120.5	117.2	119.1	114.0
Footwear HICP simulated (all season)	104.2	105.2	111.5	112.4	115.2	119.2	108.0	109.5	119.4	123.8	122.7	120.4
Footwear for women HICP simulated (all season)	104.8	104.0	113.1	114.6	117.7	123.2	110.4	111.7	121.2	127.1	124.8	124.0
Footwear for men HICP simulated (all season)	94.5	97.4	99.1	99.3	99.4	102.7	95.4	97.4	104.3	108.5	108.3	105.3
Footwear for children HICP simulated (all season)	126.0	128.8	136.0	136.6	146.6	145.5	130.1	131.0	151.1	148.6	150.5	143.4
Footwear HICP simulated neutral imputation	104.5	105.8	111.3	112.6	117.3	121.4	111.2	112.3	120.6	123.9	123.3	121.4
Footwear HICP for women simulated neutral imputation	105.7	106.2	113.6	115.9	120.8	126.4	114.8	116.0	125.1	128.7	126.7	125.9
Footwear HICP for men simulated neutral imputation	95.6	97.7	100.0	100.1	101.3	104.7	97.9	99.0	104.6	108.5	108.9	106.6
Footwear HICP for children simulated neutral imputation	121.6	123.3	130.2	130.6	144.2	143.4	129.8	130.0	143.2	143.1	145.8	140.2
Footwear HICP simulated with new basket (counter seasonal)	100.7	97.5	102.6	103.8	126.1	132.6	120.4	120.3	129.2	120.2	118.8	116.6
Footwear for women HICP simulated with new basket (counter seasonal)	98.1	95.0	101.5	103.6	126.7	135.2	120.6	120.2	129.7	120.4	116.8	115.0
Footwear for men HICP simulated with new basket (counter seasonal)	101.4	96.9	99.1	99.3	117.5	123.7	116.3	116.9	123.4	116.0	117.5	115.2
Footwear for children HICP simulated with new basket (counter seasonal)	104.4	104.1	109.9	110.3	137.8	136.4	123.1	122.5	134.8	122.8	124.5	120.5
Footwear HICP simulated with new basket (all year)	107.8	107.8	113.4	114.7	118.4	122.8	112.6	113.6	122.0	130.3	129.4	127.3
Footwear for women HICP simulated with new basket (all year)	108.4	107.8	115.2	117.6	121.3	126.9	115.3	116.5	125.6	134.8	132.1	130.9
Footwear for men HICP simulated with new basket (all year)	101.8	102.1	104.4	104.5	106.5	110.6	103.6	104.6	110.4	118.9	119.6	117.1
Footwear for children HICP simulated with new basket (all year)	120.3	122.0	128.8	129.2	137.1	136.6	123.8	124.4	136.9	140.5	143.1	137.7
Footwear HICP simulated with new basket (all season)	108.9	107.2	112.8	114.1	120.9	126.3	115.2	115.7	124.3	133.1	131.9	129.5
Footwear for women HICP simulated with new basket (all season)	108.3	106.2	113.6	115.9	122.6	129.6	116.6	117.1	126.2	136.3	132.9	131.2
Footwear for men HICP simulated with new basket (all season)	103.5	101.3	103.6	103.8	108.8	113.8	106.8	107.5	113.5	121.5	122.6	120.2
Footwear for children HICP simulated with new basket (all season)	126.3	126.9	134.1	134.5	146.3	145.3	131.3	131.3	144.6	149.9	152.3	147.0



December 2007=100												
	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
	January	February	March	April	May	June	July	August	September	October	November	December
Footwear HICP	99.3	104.0	106.7	113.0	114.0	113.2	102.2	109.9	112.4	116.6	115.3	112.4
Women footwear HICP	100.0	104.8	107.1	115.0	117.1	115.0	103.6	112.1	114.7	120.3	118.4	115.7
Men footwear HICP	92.7	95.8	97.3	101.3	100.7	102.2	93.1	99.9	101.7	103.9	102.0	100.4
Children footwear HICP	112.4	121.1	128.9	135.0	136.9	134.3	119.9	127.4	130.8	135.9	138.5	130.5
Footwear CPI	83.7	85.4	86.5	89.0	90.0	89.9	83.3	86.0	87.3	90.2	89.7	88.1
Women footwear CPI	82.4	83.8	85.1	88.2	90.1	89.9	82.4	85.1	86.6	90.3	89.5	88.1
Men footwear CPI	84.7	86.3	86.9	88.8	88.0	88.7	83.6	86.6	87.6	89.6	88.7	87.9
Children footwear CPI	84.4	86.9	89.0	90.8	92.8	91.4	83.9	86.0	87.3	90.1	91.2	87.0
Footwear HICP recompiled (all year)	102.6	107.7	110.6	116.5	117.2	117.1	106.4	113.4	116.4	120.0	118.6	115.6
Footwear for women HICP recompiled (all year)	104.4	109.5	112.5	119.7	121.0	120.5	108.8	116.2	119.7	124.7	122.6	119.9
Footwear for men HICP recompiled (all year)	91.8	95.2	96.5	100.5	99.4	100.8	93.2	99.1	101.1	102.6	100.8	99.3
Footwear for children HICP recompiled (all year)	122.6	132.6	140.3	146.5	150.6	147.9	131.4	140.0	143.9	148.8	151.4	142.3
Footwear HICP simulated (counter seasonal)	96.0	100.7	103.5	109.0	110.3	110.8	100.1	106.7	109.5	110.8	109.7	107.0
Footwear for women HICP simulated (counter seasonal)	94.7	99.4	102.1	108.6	110.3	111.4	99.6	106.4	109.6	110.6	109.1	107.2
Footwear for men HICP simulated (counter seasonal)	93.4	96.8	98.1	102.3	101.2	102.5	94.8	100.8	102.9	104.4	102.5	101.0
Footwear for children HICP simulated (counter seasonal)	104.5	113.1	119.7	124.9	131.2	127.2	112.8	120.2	123.5	125.3	127.7	118.9
Footwear HICP simulated (all season)	105.6	110.8	113.9	119.9	121.4	122.0	110.2	117.5	120.5	122.1	120.9	118.0
Footwear for women HICP simulated (all season)	106.7	111.9	115.0	122.3	124.2	125.5	112.1	119.8	123.4	124.6	122.8	120.7
Footwear for men HICP simulated (all season)	93.4	96.8	98.1	102.3	101.2	102.5	94.8	100.8	102.9	104.4	102.5	101.0
Footwear for children HICP simulated (all season)	130.6	141.3	149.6	156.1	164.4	159.7	141.6	150.9	155.1	158.3	161.2	151.0
Footwear HICP simulated neutral imputation	106.9	111.7	114.3	119.2	121.2	121.6	111.0	116.6	120.3	123.7	122.7	119.8
Footwear HICP for women simulated neutral imputation	108.3	113.2	116.5	122.5	124.2	125.0	112.7	117.9	122.7	127.6	126.0	123.5
Footwear HICP for men simulated neutral imputation	95.3	98.5	99.6	103.0	102.5	103.7	97.0	102.3	104.6	105.8	104.6	103.6
Footwear HICP for children simulated neutral imputation	129.0	137.8	142.4	147.0	157.7	154.2	138.2	146.0	149.9	154.4	156.7	146.3
Footwear HICP simulated with new basket (counter seasonal)	103.3	108.0	110.5	115.2	121.5	123.5	111.4	117.1	120.8	120.9	121.5	119.2
Footwear for women HICP simulated with new basket (counter seasonal)	101.8	106.4	109.5	115.1	118.3	121.1	107.6	112.5	117.1	121.3	121.6	120.7
Footwear for men HICP simulated with new basket (counter seasonal)	101.0	104.5	105.6	109.3	115.0	118.2	110.0	116.0	118.6	114.6	114.8	113.6
Footwear for children HICP simulated with new basket (counter seasonal)	110.1	117.6	121.6	125.5	143.9	139.5	123.8	130.8	134.2	129.9	132.7	122.7
Footwear HICP simulated with new basket (all year)	112.4	117.4	120.2	125.3	127.7	128.6	117.2	123.1	127.1	133.1	132.6	129.7
Footwear for women HICP simulated with new basket (all year)	113.7	118.9	122.3	128.6	131.6	132.7	119.5	124.9	130.0	137.8	136.8	134.7
Footwear for men HICP simulated with new basket (all year)	104.1	107.7	108.8	112.6	112.8	114.7	107.1	112.9	115.4	118.5	117.6	116.4
Footwear for children HICP simulated with new basket (all year)	126.6	135.2	139.8	144.3	150.9	148.2	133.2	140.7	144.5	152.4	154.7	144.4
Footwear HICP simulated with new basket (all season)	114.6	119.8	122.6	127.8	130.0	131.5	119.3	125.3	129.4	135.5	135.6	132.8
Footwear for women HICP simulated with new basket (all season)	115.1	120.3	123.8	130.1	131.9	134.0	119.9	125.3	130.4	138.1	137.8	136.2
Footwear for men HICP simulated with new basket (all season)	106.1	109.7	110.9	114.7	115.8	118.3	110.3	116.3	118.9	121.5	121.2	120.0
Footwear for children HICP simulated with new basket (all season)	134.7	143.9	148.8	153.5	161.4	157.2	140.4	148.3	152.3	162.8	165.7	154.0

	December 2007=100											
	2017 January	2017 February	2017 March	2017 April	2017 May	2017 June	2017 July	2017 August	2017 September	2017 October	2017 November	2017 December
Footwear HICP	98.3	106.4	117.2	117.4	120.0	114.0	102.7	106.5	114.2	116.8	119.6	118.0
Women footwear HICP	99.8	108.3	123.5	123.6	127.8	120.7	107.6	110.1	119.0	119.8	123.9	122.0
Men footwear HICP	90.7	96.7	101.2	101.1	101.4	96.9	89.7	95.8	101.8	106.3	106.7	105.2
Children footwear HICP	112.3	124.4	135.1	136.7	139.6	133.7	118.2	120.0	127.9	131.9	136.0	136.1
Footwear CPI	79.3	82.1	86.6	86.7	89.0	85.8	79.5	81.2	87.1	89.4	91.2	89.9
Women footwear CPI	78.7	81.3	87.5	87.6	90.7	87.0	79.5	81.0	87.5	88.5	91.0	89.5
Men footwear CPI	80.6	83.4	85.4	85.4	86.3	83.8	79.7	82.3	87.5	91.3	91.9	90.5
Children footwear CPI	76.9	80.3	85.0	85.3	87.8	84.7	77.3	77.6	82.8	86.4	88.6	88.0
Footwear HICP recompiled (all year)	101.8	109.1	119.9	120.2	123.8	118.2	107.4	111.5	126.6	125.4	128.0	126.4
Footwear for women HICP recompiled (all year)	104.4	111.6	127.1	127.4	132.0	125.3	112.5	116.0	133.1	130.2	134.0	131.7
Footwear for men HICP recompiled (all year)	89.9	95.8	99.9	99.9	100.8	96.9	90.7	96.5	107.1	107.9	107.8	107.1
Footwear for children HICP recompiled (all year)	122.3	134.5	146.1	147.3	154.8	148.8	133.0	133.9	153.2	153.5	159.4	158.3
Footwear HICP simulated (counter seasonal)	93.7	100.5	110.4	110.7	118.0	112.7	102.6	106.5	120.9	112.9	115.5	113.7
Footwear for women HICP simulated (counter seasonal)	93.0	99.4	113.2	113.5	121.9	115.8	104.0	107.2	123.0	111.6	115.6	113.3
Footwear for men HICP simulated (counter seasonal)	91.5	97.4	101.6	101.6	102.6	98.6	92.2	98.1	108.9	109.8	109.7	108.9
Footwear for children HICP simulated (counter seasonal)	99.8	109.8	119.2	120.3	140.1	134.8	121.9	122.7	140.5	123.0	126.9	124.9
Footwear HICP simulated (all season)	103.5	111.0	121.9	122.2	129.2	123.4	112.3	116.6	132.3	124.9	127.9	125.9
Footwear for women HICP simulated (all season)	104.7	112.0	127.5	127.8	137.2	130.4	117.2	120.8	138.6	125.7	130.1	127.6
Footwear for men HICP simulated (all season)	91.5	97.4	101.6	101.6	102.6	98.6	92.2	98.1	108.9	109.8	109.7	108.9
Footwear for children HICP simulated (all season)	128.0	140.8	153.0	154.3	169.9	163.5	146.8	147.7	169.1	160.4	166.1	163.4
Footwear HICP simulated neutral imputation	105.4	110.8	121.6	122.0	129.4	123.9	113.4	117.6	132.2	128.9	131.8	129.4
Footwear HICP for women simulated neutral imputation	107.8	112.7	127.5	127.9	136.0	129.6	116.7	121.2	136.4	132.6	136.6	133.3
Footwear HICP for men simulated neutral imputation	93.8	98.7	102.2	102.4	106.5	102.9	97.3	102.3	113.5	111.1	111.3	110.3
Footwear HICP for children simulated neutral imputation	123.3	132.3	148.5	149.3	163.7	156.8	141.2	141.4	163.2	159.5	166.4	163.7
Footwear HICP simulated with new basket (counter seasonal)	101.9	107.1	117.6	117.9	140.2	135.6	125.2	129.8	146.0	116.9	122.3	118.6
Footwear for women HICP simulated with new basket (counter seasonal)	101.6	106.2	120.1	120.6	144.9	139.3	127.2	132.1	148.7	115.8	123.9	120.2
Footwear for men HICP simulated with new basket (counter seasonal)	100.9	106.2	110.0	110.2	127.8	125.5	118.5	124.6	138.3	112.3	114.2	110.9
Footwear for children HICP simulated with new basket (counter seasonal)	101.1	108.4	121.7	122.3	147.2	141.4	128.8	129.0	148.8	127.4	130.9	126.8
Footwear HICP simulated with new basket (all year)	113.1	119.0	130.6	131.0	139.7	134.1	122.7	127.3	143.1	141.2	145.6	142.5
Footwear for women HICP simulated with new basket (all year)	116.1	121.4	137.3	137.8	147.4	140.6	126.9	131.8	148.3	145.5	151.9	147.9
Footwear for men HICP simulated with new basket (all year)	104.8	110.4	114.3	114.4	121.7	118.1	111.6	117.4	130.3	127.7	128.4	126.5
Footwear for children HICP simulated with new basket (all year)	121.8	130.6	146.6	147.4	156.5	149.7	134.2	134.4	155.1	158.6	165.5	162.8
Footwear HICP simulated with new basket (all season)	114.8	120.8	132.2	132.6	142.9	137.8	126.8	131.5	147.9	144.7	150.1	146.3
Footwear for women HICP simulated with new basket (all season)	116.1	121.3	137.2	137.7	149.1	142.8	129.6	134.6	151.5	147.2	155.6	151.2
Footwear for men HICP simulated with new basket (all season)	107.3	113.0	117.0	117.1	125.4	122.5	115.7	121.6	135.0	131.6	133.1	130.1
Footwear for children HICP simulated with new basket (all season)	128.3	137.6	154.5	155.3	166.8	160.0	144.6	144.8	167.0	169.1	175.1	170.9

	December 2007=100											
	2018 January	2018 February	2018 March	2018 April	2018 May	2018 June	2018 July	2018 August	2018 September	2018 October	2018 November	2018 December
Footwear HICP	103.8	114.3	118.5	117.7	119.2	114.5	104.7	110.8	114.0	117.5	118.1	119.4
Women footwear HICP	106.1	120.2	123.5	123.2	125.9	120.4	108.9	115.1	118.7	123.2	125.5	124.9
Men footwear HICP	93.6	99.1	104.8	103.2	101.7	97.7	92.9	98.8	100.2	102.6	101.1	104.9
Children footwear HICP	121.1	131.3	134.9	135.1	140.0	136.6	119.2	126.0	132.3	134.5	135.3	135.8
Footwear CPI	81.4	85.2	88.4	88.1	89.4	86.7	80.7	85.5	86.7	89.4	89.7	90.4
Women footwear CPI	80.5	86.0	88.3	88.1	90.3	87.0	80.0	84.5	85.9	88.9	90.1	90.0
Men footwear CPI	82.1	84.2	89.0	88.2	87.4	84.9	81.4	86.5	87.2	89.5	88.8	91.2
Children footwear CPI	81.3	83.2	85.5	86.0	89.6	88.1	80.3	84.9	86.6	89.0	88.9	88.0
Footwear HICP recompiled (all year)	112.8	122.9	130.5	130.0	129.8	124.6	114.6	127.6	131.1	130.7	131.6	133.3
Footwear for women HICP recompiled (all year)	117.0	131.2	137.2	137.1	138.9	132.8	121.2	133.1	137.2	138.3	141.2	140.8
Footwear for men HICP recompiled (all year)	96.3	100.3	109.0	107.6	104.6	100.5	95.9	106.8	108.1	107.5	106.0	110.9
Footwear for children HICP recompiled (all year)	141.2	153.3	163.3	163.7	164.9	160.2	140.1	163.2	171.5	164.8	165.1	165.8
Footwear HICP simulated (counter seasonal)	101.4	110.5	117.3	116.8	118.5	113.7	104.4	116.2	119.5	116.8	117.6	118.6
Footwear for women HICP simulated (counter seasonal)	100.5	112.7	117.9	117.8	121.9	116.3	105.4	115.8	119.3	118.8	121.3	120.7
Footwear for men HICP simulated (counter seasonal)	97.9	102.0	110.8	109.4	106.4	102.2	97.6	108.6	110.0	109.3	107.8	112.8
Footwear for children HICP simulated (counter seasonal)	111.3	120.8	128.7	129.0	132.5	130.0	115.6	134.7	141.6	124.6	124.3	121.5
Footwear HICP simulated (all season)	112.3	122.5	130.4	129.7	131.3	126.2	115.7	129.0	132.6	130.6	131.2	132.6
Footwear for women HICP simulated (all season)	113.2	126.9	132.8	132.7	137.3	131.0	118.7	130.4	134.4	133.8	136.6	135.9
Footwear for men HICP simulated (all season)	97.9	102.3	111.9	110.2	106.7	103.4	98.0	109.9	111.4	111.8	109.5	115.0
Footwear for children HICP simulated (all season)	145.7	158.2	168.5	168.9	173.1	169.0	149.6	174.3	183.2	166.4	166.3	163.3
Footwear HICP simulated neutral imputation	116.0	124.6	132.2	132.1	132.3	127.0	117.1	128.2	131.8	132.1	133.1	134.8
Footwear HICP for women simulated neutral imputation	119.1	132.1	137.9	137.9	139.7	133.5	121.8	131.9	136.4	138.5	141.4	141.6
Footwear HICP for men simulated neutral imputation	99.3	102.1	111.8	110.7	107.2	103.1	98.2	107.0	108.4	108.9	107.9	112.6
Footwear HICP for children simulated neutral imputation	146.7	154.5	162.1	164.3	170.1	166.1	147.8	170.2	177.2	168.4	166.9	165.4
Footwear HICP simulated with new basket (counter seasonal)	102.5	110.1	116.8	116.6	125.2	121.3	111.1	121.7	125.2	123.1	124.4	122.7
Footwear for women HICP simulated with new basket (counter seasonal)	101.7	112.8	117.8	117.8	132.0	127.1	115.8	125.5	129.7	126.9	129.3	128.7
Footwear for men HICP simulated with new basket (counter seasonal)	97.8	100.6	110.2	109.1	108.3	105.5	98.7	107.6	108.9	114.5	114.9	113.6
Footwear for children HICP simulated with new basket (counter seasonal)	112.8	118.7	124.6	126.3	136.5	134.2	120.0	138.2	143.9	124.3	124.0	117.1
Footwear HICP simulated with new basket (all year)	126.1	135.4	143.7	143.5	143.7	138.2	127.1	139.2	143.1	148.0	149.2	150.1
Footwear for women HICP simulated with new basket (all year)	129.6	143.7	150.0	150.0	152.5	146.0	133.1	144.2	149.1	157.4	160.6	160.4
Footwear for men HICP simulated with new basket (all year)	113.1	116.3	127.4	126.1	122.0	117.8	111.6	121.6	123.1	126.4	125.8	128.9
Footwear for children HICP simulated with new basket (all year)	145.9	153.6	161.2	163.4	166.6	162.3	144.1	165.9	172.7	168.5	167.0	165.5
Footwear HICP simulated with new basket (all season)	128.0	137.2	145.8	145.6	147.2	142.2	130.6	143.1	147.1	151.7	153.0	152.4
Footwear for women HICP simulated with new basket (all season)	130.2	144.4	150.7	150.7	155.9	149.7	136.4	147.8	152.8	160.9	164.0	163.6
Footwear for men HICP simulated with new basket (all season)	115.5	118.8	130.2	128.9	125.5	121.7	114.6	124.8	126.4	130.0	129.9	130.8
Footwear for children HICP simulated with new basket (all season)	152.5	160.6	168.6	170.9	174.9	171.1	152.5	175.6	182.8	176.9	175.9	170.2

# Annex 2: Recompiled and simulated indices in 2013

## Official Footwear HICP (all year imputation) in 2013

Base December 2012=100

Position nb.	Description	Weights	Indices and rate of change previous month																								
			2012		2013		2013		2013		2013		2013		2013		2013		2013		2013		2013				
			December	January	%	February	%	March	%	April	%	May	%	June	%	July	%	August	%	September	%	October	%	November	%	December	%
3210	Footwear incl. Repair	0.74	100	88.3359	-11.7	91.2941	3.3	100.31	9.9	100.3277	0.0	106.2876	5.9	104.1252	-2.0	94.2786	-9.5	92.4739	-1.9	101.7337	10.0	107.8423	6.0	105.3867	-2.3	98.9436	-6.1
3211	Footwear	0.72	100	88.077	-11.9	91.0952	3.4	100.3112	10.1	100.3293	0.0	106.4144	6.1	104.204	-2.1	94.1389	-9.7	92.3068	-1.9	101.772	10.3	108.0162	6.1	105.5019	-2.3	98.9158	-6.2
3212	Footwear for women	0.36	100	89.3599	-10.6	93.8852	5.1	100.9472	7.5	101.2344	0.3	109.2516	7.9	106.3648	-2.6	93.7008	-11.9	93.5176	-0.2	102.8762	10.0	111.0331	7.9	109.1394	-1.7	100.7195	-7.7
3250	Slippers	-	100	100	0.0	108.2517	8.3	109.4006	1.1	110.3819	0.9	110.3819	0.0	104.8987	-5.0	104.5271	-0.4	104.7254	0.2	112.4465	7.4	112.5616	0.1	113.2853	0.6	113.2853	0.0
3213	Slippers	-	100	100	0.0	108.2517	8.3	109.4006	1.1	110.3819	0.9	110.3819	0.0	104.8987	-5.0	104.5271	-0.4	104.7254	0.2	112.4465	7.4	112.5616	0.1	113.2853	0.6	113.2853	0.0
3251	Leisure footwear	-	100	94.0509	-5.9	102.2002	8.7	115.0502	12.6	115.9243	0.8	126.5712	9.2	125.7609	-0.6	112.2818	-10.7	112.0868	-0.2	125.2596	11.8	126.1557	0.7	126.0135	-0.1	118.0734	-6.3
3214	Leisure footwear all year	-	100	93.9819	-6.0	102.2541	8.8	115.3372	12.8	116.0778	0.6	116.0778	0.0	114.5115	-1.3	102.6868	-10.3	102.0391	-0.6	114.0675	11.8	114.8312	0.7	114.7098	-0.1	107.5269	-6.3
3252	Leisure footwear summer	-	100	93.9819	-6.0	102.2541	8.8	115.3372	12.8	116.0778	0.6	135.1679	16.4	135.161	0.0	120.3449	-11.0	120.541	0.2	134.7505	11.8	135.6526	0.7	135.5092	-0.1	127.0239	-6.3
3253	Street footwear	-	100	85.7154	-14.3	88.9492	3.8	93.8321	5.5	93.8403	0.0	103.317	10.1	99.6001	-3.6	84.8202	-14.8	83.8185	-1.2	93.3017	11.3	106.6497	14.3	103.2502	-3.2	94.4411	-8.5
3215	Street footwear all year	-	100	85.5136	-14.5	95.0228	11.1	100.2458	5.5	100.2713	0.0	105.5091	5.2	101.4845	-3.8	89.7843	-11.5	91.1725	1.5	101.5058	11.3	107.2755	5.7	100.5042	-6.3	94.2988	-6.2
3254	Street footwear winter	-	100	86.0606	-13.9	80.902	-6.0	85.3489	5.5	85.3705	0.0	89.83	5.2	86.4035	-3.8	76.442	-11.5	77.6239	1.5	86.4216	11.3	111.192	28.7	113.3555	1.9	99.5517	-12.2
3255	Street footwear summer	-	100	85.5136	-14.5	95.0228	11.1	100.2458	5.5	100.2713	0.0	123.8528	23.5	119.7812	-3.3	93.3981	-22.0	86.3757	-7.5	96.1653	11.3	101.6314	5.7	95.2164	-6.3	89.3374	-6.2
3256	Sport footwear	-	100	90.1598	-9.8	99.7383	0.2	99.7383	10.4	99.2181	-0.5	99.6707	0.5	98.7926	-0.9	92.5588	-6.3	96.406	4.2	97.3142	0.9	98.4011	1.1	98.4011	0.0	87.1274	-11.5
3216	Sport footwear	-	100	90.1598	-9.8	99.7383	0.2	99.7383	10.4	99.2181	-0.5	99.6707	0.5	98.7926	-0.9	92.5588	-6.3	96.406	4.2	97.3142	0.9	98.4011	1.1	98.4011	0.0	87.1274	-11.5
3220	Footwear for men	0.25	100	88.3526	-11.6	91.2393	3.3	100.2484	9.9	98.7364	-1.5	102.3216	3.6	101.0875	-1.2	94.3773	-6.6	92.8778	-1.6	101.4056	9.2	104.99	3.5	104.4651	-0.5	99.2879	-5.0
3257	Slippers	-	100	100	0.0	98.1809	-1.8	98.1809	0.0	99.3145	1.2	99.3145	0.0	101.6639	2.4	101.6639	0.0	100.6374	-1.0	100.6374	0.0	98.3112	-2.3	98.3112	0.0	98.3112	0.0
3221	Slippers	-	100	100	0.0	98.1809	-1.8	98.1809	0.0	99.3145	1.2	99.3145	0.0	101.6639	2.4	101.6639	0.0	100.6374	-1.0	100.6374	0.0	98.3112	-2.3	98.3112	0.0	98.3112	0.0
3258	Leisure footwear	-	100	90.1295	-9.9	91.8197	1.9	98.4284	7.2	98.3064	-0.1	108.6788	10.6	107.9615	-0.7	103.7738	-3.9	96.1014	-7.4	104.3854	8.6	104.3854	0.0	102.8386	-1.5	94.0677	-8.5
3222	Leisure footwear all year	-	100	90.2448	-9.8	91.8443	1.8	98.421	7.2	98.3105	-0.1	99.38	1.1	97.9602	-1.4	93.6411	-4.4	92.6607	-1.0	100.7723	8.8	100.7723	0.0	99.2482	-1.5	90.6988	-8.6
3259	Leisure footwear summer	-	100	90.2448	-9.8	91.8443	1.8	98.421	7.2	98.3105	-0.1	119.1935	21.2	119.0202	-0.1	115.3402	-3.1	100.0635	-13.2	108.8233	8.8	108.8233	0.0	107.1774	-1.5	97.9449	-8.6
3260	Street footwear	-	100	87.8491	-12.2	87.851	0.0	100.747	14.7	97.357	-3.4	98.0392	0.7	95.6528	-2.4	87.069	-9.0	90.2563	3.7	101.9938	13.0	106.8883	4.8	108.0041	1.0	103.4935	-4.2
3223	Street footwear all year	-	100	85.527	-14.5	89.6014	4.8	102.7563	14.7	99.2863	-3.4	99.984	0.7	97.5453	-2.4	88.7979	-9.0	92.0632	3.7	104.0247	13.0	101.8762	-2.1	99.3903	-2.4	97.3309	-2.1
3261	Street footwear winter	-	100	89.8855	-10.1	86.3224	-4.0	98.9959	14.7	95.6529	-3.4	96.325	0.7	93.9756	-2.4	85.5483	-9.0	88.6941	3.7	100.2179	13.0	111.6364	11.3	116.0571	4.1	109.0228	-6.1
3262	Sport footwear	-	100	79.7264	-20.3	96.5001	21.0	101.9817	5.7	104.3857	2.4	104.4645	0.1	104.0513	-0.4	95.1824	-8.5	91.1728	-4.2	94.1628	3.3	104.7106	11.2	101.3186	-3.2	99.3395	-2.0
3224	Sport footwear	-	100	79.7264	-20.3	96.5001	21.0	101.9817	5.7	104.3857	2.4	104.4645	0.1	104.0513	-0.4	95.1824	-8.5	91.1728	-4.2	94.1628	3.3	104.7106	11.2	101.3186	-3.2	99.3395	-2.0
3228	Footwear for children	0.11	100	83.4288	-16.6	81.9728	-1.7	98.4389	20.1	100.9226	2.5	106.3226	5.4	104.1327	-2.1	95.006	-8.8	87.2459	-8.2	99.079	13.6	105.0457	6.0	96.2615	-8.4	92.4138	-4.0
3263	Slippers	-	100	100	0.0	99.2811	-0.7	96.4801	-2.8	86.85	-10.0	94.0853	8.3	93.4765	-0.6	89.9711	-3.8	95.139	5.7	94.4391	-0.7	94.4391	0.0	94.4391	0.0	94.4391	0.0
3229	Slippers	-	100	100	0.0	99.2811	-0.7	96.4801	-2.8	86.85	-10.0	94.0853	8.3	93.4765	-0.6	89.9711	-3.8	95.139	5.7	94.4391	-0.7	94.4391	0.0	94.4391	0.0	94.4391	0.0
3264	Leisure footwear	-	100	80.3345	-19.7	82.0166	2.1	108.7055	32.5	108.5776	-0.1	112.7512	3.8	109.8386	-2.6	104.9471	-4.5	99.0248	-5.6	103.1549	4.2	103.8654	0.7	86.9449	-16.3	86.9449	0.0
3230	Leisure footwear all year	-	100	80.3561	-19.6	82.0165	2.1	108.7121	32.5	108.5908	-0.1	109.3726	0.7	109.3726	0.0	104.5883	-4.4	104.8415	0.2	109.3392	4.3	110.0969	0.7	92.1049	-16.3	92.1049	0.0
3265	Leisure footwear summer	-	100	80.3561	-19.6	82.0165	2.1	108.7121	32.5	108.5908	-0.1	116.7414	7.5	110.9284	-5.0	105.7651	-4.7	94.5178	-10.6	98.5726	4.3	99.2557	0.7	83.0353	-16.3	83.0353	0.0
3266	Street footwear	-	100	83.21	-16.8	78.2489	-6.0	93.0373	18.9	98.2331	5.6	102.6026	4.4	100.805	-1.8	90.3301	-10.4	79.9378	-11.5	96.2174	20.4	104.4117	8.5	93.8271	-10.1	87.0035	-7.3
3231	Street footwear all year (2)	-	100	81.6023	-18.4	76.1591	-6.7	90.1857	18.4	95.1204	5.5	95.1204	0.0	95.1204	0.0	85.6319	-10.0	78.0879	-8.8	93.5957	19.9	93.5957	0.0	78.1628	-16.5	70.9414	-9.2
3267	Street footwear winter	-	100	85.6898	-14.3	81.9003	-4.4	96.9844	18.4	102.291	5.5	102.291	0.0	102.291	0.0	92.0872	-10.0	83.9745	-8.8	100.6514	19.9	121.7123	20.9	121.2461	-0.4	116.0116	-4.3
3268	Street footwear summer	-	100	81.6023	-18.4	76.1591	-6.7	90.1857	18.4	95.1204	5.5	112.1145	17.9	105.7343	-5.7	94.5264	-10.6	79.2539	-16.2	94.9933	19.9	94.9933	0.0	79.33	-16.5	72.0007	-9.2
3269	Sport footwear	-	100	90.8951	-9.1	89.4633	-1.6	109.4782	22.4	107.8431	-1.5	110.4594	2.4	108.2449	-2.0	94.7587	-12.5	88.9265	-6.2	102.2706	15.0	105.3644	3.0	101.2184	-3.9	99.2636	-1.9
3232	Sport footwear	-	100	90.8951	-9.1	89.4633	-1.6	109.4782	22.4	107.8431	-1.5	110.4594	2.4	108.2449	-2.0	94.7587	-12.5	88.9265	-6.2	102.2706	15.0	105.3644	3.0	101.2184	-3.9	99.2636	-1.9
3270	Footwear for infants	-	100	78.9995	-21.0	79.2359	0.3	91.7198	15.8	98.1412	7.0	106.9553	9.0	104.3109	-2.5	94.1281	-9.8	85.6026	-9.1	98.8696	15.5	109.3993	10				

**Footwear HICP recompiled (all year imputation) in 2013**  
**Base December 2012=100**

Position nb.	Description	Weights	Indices and rate of change previous month																								
			2012		2013		2013		2013		2013		2013		2013		2013		2013		2013		2013				
			December	January	February	March	April	May	June	July	August	September	October	November	December	January	February	March	April	May	June	July	August	September	October	November	December
3210	Footwear incl. Repair	0.74	100	89.1989015	-10.8	92.6827731	3.9	101.05201	9.0	101.333754	0.3	107.03784	5.6	105.028874	-1.9	96.125342	-8.5	94.2605219	-1.9	102.777359	9.0	107.556242	4.6	105.163557	-2.2	99.241477	-5.6
3211	Footwear	0.72	100	88.95921	-11.0	92.5147436	4.0	101.069706	9.2	101.357702	0.3	107.181328	5.7	105.127781	-1.9	96.0266666	-8.7	94.1330106	-2.0	102.838848	9.2	107.723781	4.8	105.273783	-2.3	99.2202837	-5.8
3212	Footwear for women	0.36	100	90.6023469	-9.4	95.9229738	5.9	103.179393	7.6	103.43417	0.2	110.615258	6.9	107.735603	-2.6	96.270716	-10.6	96.1393542	-0.1	105.125137	9.3	111.11761	5.7	109.434557	-1.5	101.769351	-7.0
3250	Slippers	-	100	100	0.0	108.2517	8.3	109.4006	1.1	110.3819	0.9	110.3819	0.0	104.8987	-5.0	104.5271	-0.4	104.7254	0.2	112.4465	7.4	112.5616	0.1	113.2853	0.6	113.2853	0.0
3213	Slippers	-	100	100	0.0	108.2517	8.3	109.4006	1.1	110.3819	0.9	110.3819	0.0	104.8987	-5.0	104.5271	-0.4	104.7254	0.2	112.4465	7.4	112.5616	0.1	113.2853	0.6	113.2853	0.0
3251	Leisure footwear	-	100	93.9819	-6.0	102.2541	8.8	115.3372	12.8	116.0778	0.6	125.2597	7.9	124.408556	-0.7	111.165789	-10.6	110.904892	-0.2	123.978436	11.8	124.808457	0.7	124.676514	-0.1	116.869526	-6.3
3214	Leisure footwear all year	-	100	93.9819	-6.0	102.2541	8.8	115.3372	12.8	116.0778	0.6	116.0778	0.0	114.5115	-1.3	102.6868	-10.3	102.0391	-0.6	114.0675	11.8	114.8312	0.7	114.7098	-0.1	107.5269	-6.3
3252	Leisure footwear summer	-	100	93.9819	-6.0	102.2541	8.8	115.3372	12.8	116.0778	0.6	135.1679	16.4	135.161	0.0	120.3449	-11.0	120.541	0.2	134.7505	11.8	135.6526	0.7	135.5092	-0.1	127.0239	-6.3
3253	Street footwear	-	100	85.695459	-14.3	90.0613187	5.1	95.0116295	5.5	95.0357571	0.0	105.488645	11.0	101.64981	-3.6	86.2230725	-15.2	84.8692376	-1.6	94.4881147	11.3	106.627035	12.8	102.749454	-3.6	94.3038417	-8.2
3215	Street footwear all year	-	100	85.5136	-14.5	95.0228	11.1	100.2458	5.5	100.2713	0.0	105.5091	5.2	101.4845	-3.8	89.7843	-11.5	91.1725	1.5	101.5058	11.3	107.2755	5.7	100.5042	-6.3	94.2988	-6.2
3254	Street footwear winter	-	100	86.0606	-13.9	80.9022	-6.0	85.3489	5.5	85.3705	0.0	89.83	5.2	86.4035	-3.8	76.442	-11.5	77.6239	-1.5	86.4216	11.3	111.192	28.7	113.3555	1.9	99.5517	-12.2
3255	Street footwear summer	-	100	85.5136	-14.5	95.0228	11.1	100.2458	5.5	100.2713	0.0	123.8528	23.5	119.7812	-3.3	93.3981	-22.0	86.3757	-7.5	96.1653	11.3	101.6314	5.7	95.2164	-6.3	89.3374	-6.2
3256	Sport footwear	-	100	90.1598	-9.8	90.3748	0.2	99.7383	10.4	99.2181	-0.5	99.6707	0.5	98.7926	-0.9	92.5588	-6.3	96.406	4.2	97.3142	0.9	98.4011	1.1	98.4011	0.0	87.1274	-11.5
3216	Sport footwear	-	100	90.1598	-9.8	90.3748	0.2	99.7383	10.4	99.2181	-0.5	99.6707	0.5	98.7926	-0.9	92.5588	-6.3	96.406	4.2	97.3142	0.9	98.4011	1.1	98.4011	0.0	87.1274	-11.5
3220	Footwear for men	0.25	100	89.0648965	-10.9	92.2960076	3.6	99.7757677	8.1	99.1760539	-0.6	102.849081	3.7	102.066764	-0.8	96.2271117	-5.7	94.1086321	-2.2	101.343819	7.7	104.237586	2.9	103.400417	-0.8	98.6308406	-4.6
3257	Slippers	-	100	100	0.0	98.1809	-1.8	98.1809	0.0	99.3145	1.2	99.3145	0.0	101.6639	2.4	101.6639	0.0	100.6374	-1.0	100.6374	0.0	98.3112	-2.3	98.3112	-0.3	98.3112	0.0
3221	Slippers	-	100	100	0.0	98.1809	-1.8	98.1809	0.0	99.3145	1.2	99.3145	0.0	101.6639	2.4	101.6639	0.0	100.6374	-1.0	100.6374	0.0	98.3112	-2.3	98.3112	-0.3	98.3112	0.0
3258	Leisure footwear	-	100	90.2448	-9.8	91.8443	1.8	98.421	7.2	98.3105	-0.1	108.836805	10.7	107.977973	-0.8	103.925854	-3.8	96.2909858	-7.3	104.720458	8.8	104.720458	0.0	103.136628	-1.5	94.2522408	-8.6
3222	Leisure footwear all year	-	100	90.2448	-9.8	91.8443	1.8	98.421	7.2	98.3105	-0.1	99.38	1.1	97.9602	-1.4	93.6411	-4.4	92.6607	-1.0	100.7723	8.8	100.7723	0.0	99.2482	-1.5	90.6988	-8.6
3259	Leisure footwear summer	-	100	90.2448	-9.8	91.8443	1.8	98.421	7.2	98.3105	-0.1	119.1935	21.2	119.0202	-0.1	115.3402	-3.1	100.0635	-13.2	108.8233	8.8	108.8233	0.0	107.1774	-1.5	97.9449	-8.6
3260	Street footwear	-	100	87.6791717	-12.3	87.9466196	0.3	100.858576	14.7	97.4526681	-3.4	98.1374485	0.7	95.7438149	-2.4	87.1579565	-9.0	90.3629496	3.7	102.10356	13.0	106.596926	4.4	107.400884	0.8	103.011103	-4.1
3223	Street footwear all year	-	100	85.527	-14.5	89.6014	4.8	102.7563	14.7	99.2863	-3.4	99.984	0.7	97.5453	-2.4	88.7979	-9.0	92.0632	3.7	104.0247	13.0	101.8762	-2.1	99.3903	-2.4	97.3309	-6.1
3261	Street footwear winter	-	100	89.8855	-10.1	86.3224	-4.0	98.9959	14.7	95.6529	-3.4	96.325	0.7	93.9756	-2.4	85.5483	-9.0	88.6941	3.7	100.2179	13.0	111.5364	11.3	116.0571	4.1	109.0228	-2.1
3262	Sport footwear	-	100	79.7264	-20.3	96.5001	21.0	101.9817	5.7	104.3857	2.4	104.4645	0.1	104.0513	-0.4	95.1824	-8.5	91.1728	-4.2	94.1628	3.3	104.7106	11.2	101.3186	-3.2	99.3395	-2.0
3224	Sport footwear	-	100	79.7264	-20.3	96.5001	21.0	101.9817	5.7	104.3857	2.4	104.4645	0.1	104.0513	-0.4	95.1824	-8.5	91.1728	-4.2	94.1628	3.3	104.7106	11.2	101.3186	-3.2	99.3395	-2.0
3228	Footwear for children	0.11	100	83.5413693	-16.5	82.2258397	-1.6	97.2110696	18.2	99.5273388	2.4	105.723874	6.2	103.524755	-2.1	94.8216869	-8.4	87.8500091	-7.4	98.8582171	12.5	104.559852	5.8	96.1934538	-8.0	92.4477241	-3.9
3263	Slippers	-	100	100	0.0	99.2811	-0.7	96.4801	-2.8	86.85	-10.0	94.0853	8.3	93.4765	-0.6	89.9711	-3.8	95.139	5.7	94.4391	-0.7	94.4391	0.0	94.4391	0.0	94.4391	0.0
3229	Slippers	-	100	100	0.0	99.2811	-0.7	96.4801	-2.8	86.85	-10.0	94.0853	8.3	93.4765	-0.6	89.9711	-3.8	95.139	5.7	94.4391	-0.7	94.4391	0.0	94.4391	0.0	94.4391	0.0
3264	Leisure footwear	-	100	80.3561	-19.6	82.0165	2.1	108.7121	32.5	108.5908	-0.1	112.996949	4.1	110.147753	-2.5	105.175054	-4.5	99.5459086	-5.4	103.816421	4.3	104.535855	0.7	87.4526043	-16.3	87.4526043	0.0
3230	Leisure footwear all year	-	100	80.3561	-19.6	82.0165	2.1	108.7121	32.5	108.5908	-0.1	109.3726	0.7	109.3726	0.0	104.5883	-4.4	104.8415	0.2	109.3392	4.3	110.0969	0.7	92.1049	-16.3	92.1049	0.0
3265	Leisure footwear summer	-	100	80.3561	-19.6	82.0165	2.1	108.7121	32.5	108.5908	-0.1	116.7414	7.5	110.9284	-5.0	105.7651	-4.7	94.5178	-10.6	98.5726	4.3	99.2557	0.7	83.0353	-16.3	83.0353	0.0
3266	Street footwear	-	100	82.9426632	-17.1	78.0266629	-5.9	92.3972576	18.4	97.4529343	5.5	102.941611	5.6	100.950621	-1.9	90.6697995	-10.2	80.3989921	-11.3	96.3657925	19.9	102.666269	6.5	90.9288671	-11.4	83.9935551	-7.6
3231	Street footwear all year (2)	-	100	81.6023	-18.4	76.1591	-6.7	90.1857	18.4	95.1204	5.5	95.1204	0.0	95.1204	0.0	85.6319	-10.0	78.0879	-8.8	93.5957	19.9	93.5957	0.0	78.1628	-16.5	70.9414	-9.2
3267	Street footwear winter	-	100	85.6898	-14.3	81.9003	-4.4	96.9844	18.4	102.291	5.5	102.291	0.0	102.291	0.0	92.0872	-10.0	83.9745	-8.8	100.6514	19.9	121.7123	20.9	121.2461	-0.4	116.0116	-4.3
3268	Street footwear summer	-	100	81.6023	-18.4	76.1591	-6.7	90.1857	18.4	95.1204	5.5	112.1145	17.9	105.7343	-5.7	94.5264	-10.6	79.2539	-16.2	94.9933	19.9	94.9933	0.0	79.33	-16.5	72.0007	-9.2
3269	Sport footwear	-	100	90.8951	-9.1	89.4633	-1.6	109.4782	22.4	107.8431	-1.5	110.4594	2.4	108.2449	-2.0	94.7587	-12.5	88.9265	-6.2	102.2706	15.0	105.3644	3.0	101.2184	-3.9	99.2636	-1.9
3232	Sport footwear	-	100	90.8951	-9.1	89.4633	-1.6	109.4782	22.4	107.8431	-1.5	110.4594	2.4	108.2449	-2.0	94.7587	-12.5	88.9265	-6.2	102.2706	15.0	105.3644	3.0	101.2184	-3.9	99.2636	-1.9
3270	Footwear for infants	-	10																								

**Official CPI (carry forward) in 2013**  
**Base December 2012=100**

		Indices and rate of change previous month																									
Position nb.	Description	Weights	2012		2013		2013		2013		2013		2013		2013		2013		2013		2013		2013				
			December	January	%	February	%	March	%	April	%	May	%	June	%	July	%	August	%	September	%	October	%	November	%	December	%
3210	Footwear incl. Repair	0.77	100	91.2131	-8.8	92.8404	1.8	97.1498	4.6	97.0277	-0.1	102.1262	5.3	100.6716	-1.4	93.3353	-7.3	91.4187	-2.1	95.151	4.1	100.2996	5.4	99.2652	-1.0	94.8618	-4.4
3211	Footwear	0.75	100	91.0256	-9.0	92.6822	1.8	97.0836	4.7	96.9589	-0.1	102.1594	5.4	100.6737	-1.5	93.1809	-7.4	91.2355	-2.1	95.0474	4.2	100.3058	5.5	99.2454	-1.1	94.748	-4.5
3212	Footwear for women	0.37	100	92.4603	-7.5	94.3408	2.0	97.6397	3.5	97.8156	0.2	104.3837	6.7	102.4806	-1.8	92.6804	-9.6	92.1966	-0.5	95.7292	3.8	102.2794	6.8	101.6359	-0.6	95.6155	-5.9
3250	Slippers	-	100	100	0.0	108.2517	8.3	109.4006	1.1	110.3819	0.9	110.3819	0.0	104.8987	-5.0	104.5271	-0.4	104.7254	0.2	112.4465	7.4	112.5616	0.1	113.2853	0.6	113.2853	0.0
3213	Slippers	-	100	100	0.0	108.2517	8.3	109.4006	1.1	110.3819	0.9	110.3819	0.0	104.8987	-5.0	104.5271	-0.4	104.7254	0.2	112.4465	7.4	112.5616	0.1	113.2853	0.6	113.2853	0.0
3251	Leisure footwear	-	100	97.3631	-2.6	100.9366	3.7	106.2313	5.2	106.6661	0.4	116.4321	9.2	115.6803	-0.6	103.2891	-10.7	103.114	-0.2	108.0439	4.8	108.411	0.3	108.3527	-0.1	105.1887	-2.9
3214	Leisure footwear all year	-	100	93.9819	-6.0	102.2541	8.8	115.3372	12.8	116.0778	0.6	116.0778	0.0	114.5115	-1.3	102.6868	-10.3	102.0391	-0.6	114.0675	11.8	114.8312	0.7	114.7098	-0.1	107.5269	-6.3
3252	Leisure footwear summer	-	100	100	0.0	100	0.0	100	0.0	100	0.0	116.446	16.4	116.4401	0.0	103.6761	-11.0	103.8451	0.2	103.8451	0.0	103.8451	0.0	103.8451	0.0	103.8451	0.0
3253	Street footwear	-	100	89.708	-10.3	90.2811	0.6	91.7594	1.6	91.7508	0.0	98.9919	7.9	96.8968	-2.1	86.5723	-10.7	85.0362	-1.8	87.9064	3.4	98.8472	12.4	97.6135	-1.2	90.9257	-6.9
3215	Street footwear all year	-	100	85.5136	-14.5	95.0228	11.1	100.2458	5.5	100.2713	0.0	105.5091	5.2	101.4845	-3.8	89.7843	-11.5	91.1725	1.5	101.5058	11.3	107.2755	5.7	100.5042	-6.3	94.2988	-6.2
3254	Street footwear winter	-	100	86.0606	-13.9	80.902	-6.0	80.902	0.0	80.902	0.0	80.902	0.0	80.902	0.0	80.902	0.0	80.902	0.0	104.0903	28.7	106.1156	1.9	93.1935	-12.2		
3255	Street footwear summer	-	100	100	0.0	100	0.0	100	0.0	100	0.0	123.5178	23.5	119.4572	-3.3	93.1454	-22.0	86.142	-7.5	86.142	0.0	86.142	0.0	86.142	0.0	86.142	0.0
3256	Sport footwear	-	100	90.1598	-9.8	90.3748	0.2	99.7383	10.4	99.2181	-0.5	99.6707	0.5	98.7926	-0.9	92.5588	-6.3	96.406	4.2	97.3142	0.9	98.4011	1.1	98.4011	0.0	87.1274	-11.5
3216	Sport footwear	-	100	90.1598	-9.8	90.3748	0.2	99.7383	10.4	99.2181	-0.5	99.6707	0.5	98.7926	-0.9	92.5588	-6.3	96.406	4.2	97.3142	0.9	98.4011	1.1	98.4011	0.0	87.1274	-11.5
3220	Footwear for men	0.26	100	89.9925	-10.0	92.6399	2.9	97.1096	4.8	96.4989	-0.6	99.8214	3.4	99.21	-0.6	94.7603	-4.5	92.4415	-2.4	96.3442	4.2	99.7489	3.5	99.5427	-0.2	96.1203	-3.4
3257	Slippers	-	100	100	0.0	98.1809	-1.8	98.1809	0.0	99.3145	1.2	99.3145	0.0	101.6639	2.4	101.6639	0.0	100.6374	-1.0	100.6374	0.0	98.3112	-2.3	98.3112	0.0	98.3112	0.0
3221	Slippers	-	100	100	0.0	98.1809	-1.8	98.1809	0.0	99.3145	1.2	99.3145	0.0	101.6639	2.4	101.6639	0.0	100.6374	-1.0	100.6374	0.0	98.3112	-2.3	98.3112	0.0	98.3112	0.0
3258	Leisure footwear	-	100	95.6108	-4.4	96.4211	0.8	99.3327	3.0	99.2736	-0.1	109.7441	10.5	109.0197	-0.7	104.7911	-3.9	97.0442	-7.4	100.3624	3.4	100.3624	0.0	99.7608	-0.6	95.8854	-3.9
3222	Leisure footwear all year	-	100	90.2448	-9.8	91.8443	1.8	98.421	7.2	98.3105	-0.1	99.38	1.1	97.9602	-1.4	93.6411	-4.4	92.6607	-1.0	100.7723	8.8	100.7723	8.8	99.2482	-1.5	90.6988	-8.6
3259	Leisure footwear summer	-	100	100	0.0	100	0.0	100	0.0	100	0.0	121.2418	21.2	121.0655	-0.1	117.3223	-3.1	101.7831	-13.2	101.7831	0.0	101.7831	0.0	101.7831	0.0	101.7831	0.0
3260	Street footwear	-	100	87.8491	-12.2	87.851	0.0	93.614	6.6	92.1462	-1.6	92.4449	0.3	91.3938	-1.1	87.4772	-4.3	88.9455	1.7	94.1573	5.9	98.678	4.8	99.7071	1.0	95.5413	-4.2
3223	Street footwear all year	-	100	85.527	-14.5	89.6014	4.8	102.7563	14.7	99.2863	-3.4	99.984	0.7	97.5453	-2.4	88.7979	-9.0	92.0632	3.7	104.0247	13.0	101.8762	-2.1	99.3903	-2.4	97.3309	-2.1
3261	Street footwear winter	-	100	89.8855	-10.1	86.3224	-4.0	86.3224	0.0	86.3224	0.0	86.3224	0.0	86.3224	0.0	86.3224	0.0	86.3224	0.0	96.0716	11.2	99.9655	-1.1	99.9655	-1.1	93.9065	-6.1
3262	Sport footwear	-	100	79.7264	-20.3	96.5001	21.0	101.9817	5.7	104.3857	2.4	104.4645	0.1	104.0513	-0.4	95.1824	-8.5	91.1728	-4.2	94.1628	3.3	104.7106	11.2	101.3186	-3.2	99.3395	-2.0
3224	Sport footwear	-	100	79.7264	-20.3	96.5001	21.0	101.9817	5.7	104.3857	2.4	104.4645	0.1	104.0513	-0.4	95.1824	-8.5	91.1728	-4.2	94.1628	3.3	104.7106	11.2	101.3186	-3.2	99.3395	-2.0
3228	Footwear for children	0.12	100	88.8299	-11.2	87.687	-1.3	95.323	8.7	95.313	0.0	100.3247	5.3	98.2545	-2.1	91.3477	-7.0	85.7172	-6.2	90.192	5.2	95.4424	5.8	91.2816	-4.4	89.1622	-2.3
3263	Slippers	-	100	100	0.0	99.2811	-0.7	96.4801	-2.8	86.85	-10.0	94.0853	8.3	93.4765	-0.6	89.9711	-3.8	95.139	5.7	94.4391	-0.7	94.4391	0.0	94.4391	0.0	94.4391	0.0
3229	Slippers	-	100	100	0.0	99.2811	-0.7	96.4801	-2.8	86.85	-10.0	94.0853	8.3	93.4765	-0.6	89.9711	-3.8	95.139	5.7	94.4391	-0.7	94.4391	0.0	94.4391	0.0	94.4391	0.0
3264	Leisure footwear	-	100	90.2385	-9.8	91.1306	1.0	103.9854	14.1	103.9245	-0.1	107.9186	3.8	105.1311	-2.6	100.4461	-4.5	94.7907	-5.6	96.6019	1.9	96.913	0.3	88.8469	-8.3	88.8469	0.0
3230	Leisure footwear all year	-	100	80.3561	-19.6	82.0165	2.1	108.7121	32.5	108.5908	-0.1	109.3726	0.7	109.3726	0.0	104.5883	-4.4	104.8415	0.2	109.3392	4.3	110.0969	0.7	92.1049	-16.3	92.1049	0.0
3265	Leisure footwear summer	-	100	100	0.0	100	0.0	100	0.0	100	0.0	107.5057	7.5	102.1526	-5.0	97.3978	-4.7	87.0403	-10.6	87.0403	0.0	87.0403	0.0	87.0403	0.0	87.0403	0.0
3266	Street footwear	-	100	88.3261	-11.7	84.7845	-4.0	88.6056	4.5	89.8301	1.4	93.819	4.4	92.1768	-1.8	86.4248	-6.2	79.5882	-7.9	83.5137	4.9	90.6275	8.5	86.2602	-4.8	82.5044	-4.4
3231	Street footwear all year (2)	-	100	81.6023	-18.4	76.1591	-6.7	90.1857	18.4	95.1204	5.5	95.1204	0.0	95.1204	0.0	85.6319	-10.0	78.0879	-8.8	93.5957	19.9	93.5957	0.0	78.1628	-16.5	70.9414	-9.2
3267	Street footwear winter	-	100	85.6898	-14.3	81.9003	-4.4	81.9003	0.0	81.9003	0.0	81.9003	0.0	81.9003	0.0	81.9003	0.0	81.9003	0.0	81.9003	0.0	99.0376	20.9	98.6583	-0.4	94.399	-4.3
3268	Street footwear summer	-	100	100	0.0	100	0.0	100	0.0	100	0.0	117.866	17.9	111.1584	-5.7	99.3756	-10.6	83.3196	-16.2	83.3196	0.0	83.3196	0.0	83.3196	0.0	83.3196	0.0
3269	Sport footwear	-	100	90.8951	-9.1	89.4633	-1.6	109.4782	22.4	107.8431	-1.5	110.4594	2.4	108.2449	-2.0	94.7587	-12.5	88.9265	-6.2	102.2706	15.0	105.3644	3.0	101.2184	-3.9	99.2636	-1.9
3232	Sport footwear	-	100	90.8951	-9.1	89.4633	-1.6	109.4782	22.4	107.8431	-1.5	110.4594	2.4	108.2449	-2.0	94.7587	-12.5	88.9265	-6.2	102.2706	15.0	105.3644	3.0	101.2184	-3.9	99.2636	-1.9
3270	Footwear for infants	-	100	84.6855	-15.3	84.9383	0.3	89.226	5.0	91.3073	2.3	99.1552	8.6	96.6982	-2.5	88.4374	-8.5	83.0249	-6.1	87.2414	5.1	96.1399	10.2	94.9374	-1.3	92.5748	-2.5
3233	Footwear for infants all year	-	100	82.6776	-17.3	82.6776	0.0	95.4247	15.4	101.9385	6.8	103.1427	1.2	103.1427	0.0	98.8001	-4.2	89.1826	-9.7								



**Footwear HICP simulated (counter seasonal) in 2013**  
**Base December 2012=100**

Position nb.	Description	Weights	Indices and rate of change previous month																								
			2012		2013		2013		2013		2013		2013		2013		2013		2013		2013		2013				
			December	January	%	February	%	March	%	April	%	May	%	June	%	July	%	August	%	September	%	October	%	November	%	December	%
3210	Footwear incl. Repair	0.74	100	89.403777	-10.6	91.9427647	2.8	99.9662878	8.7	100.192093	0.2	110.63432	10.4	108.36491	-2.1	97.8239726	-9.7	95.4147451	-2.5	103.96694	9.0	109.141662	5.0	107.868875	-1.2	101.291458	-6.1
3211	Footwear	0.72	100	89.1549706	-10.8	91.7475973	2.9	99.9595181	9.0	100.190625	0.2	110.870592	10.7	108.547895	-2.1	97.7594495	-9.9	95.3069277	-2.5	104.059934	9.2	109.356162	5.1	108.049027	-1.2	101.317168	-6.2
3212	Footwear for women	0.39	100	90.6849138	-9.3	93.7435532	3.4	100.835092	7.6	101.084099	0.2	115.808753	14.6	112.88197	-2.5	99.0657724	-12.2	97.6178454	-1.5	106.741819	9.3	112.553973	5.4	112.194912	-0.3	103.35547	-7.9
3250	Slippers	-	100	100	0.0	108.2517	8.3	109.4006	1.1	110.3819	0.9	110.3819	0.0	104.8987	-5.0	104.5271	-0.4	104.7254	0.2	112.4465	7.4	112.5616	0.1	113.2853	0.6	113.2853	0.0
3213	Slippers	-	100	0.0	108.2517	8.3	109.4006	1.1	110.3819	0.9	110.3819	0.0	104.8987	-5.0	104.5271	-0.4	104.7254	0.2	112.4465	7.4	112.5616	0.1	113.2853	0.6	113.2853	0.0	
3251	Leisure footwear	-	100	93.9819	-6.0	102.2541	8.8	115.3372	12.8	116.0778	0.6	125.2597	7.9	124.408556	-0.7	111.165789	-10.6	110.904892	-0.2	123.978395	11.8	124.80845	0.7	124.676502	-0.1	116.869507	-6.3
3214	Leisure footwear all year	-	100	93.9819	-6.0	102.2541	8.8	115.3372	12.8	116.0778	0.6	116.0778	0.0	114.5115	-1.3	102.6868	-10.3	102.0391	-0.6	114.0675	11.8	114.8312	0.7	114.7098	-0.1	107.5269	-6.3
3252	Leisure footwear summer	-	100	93.9819	-6.0	102.2541	8.8	115.3372	12.8	116.0778	0.6	135.1679	16.4	135.161	0.0	120.3449	-11.0	120.541	0.2	134.75041	11.8	135.652585	0.7	135.509172	-0.1	127.023857	-6.3
3253	Street footwear	-	100	85.877879	-14.1	85.3588941	-0.6	90.0507102	5.5	90.0736169	0.0	117.408767	30.3	113.342385	-3.5	92.1776209	-18.7	87.9459156	-4.6	97.9135212	11.3	109.870865	12.2	108.89881	-0.9	97.7690006	-10.2
3215	Street footwear all year	-	100	85.5136	-14.5	95.0228	11.1	100.2458	5.5	100.2713	0.0	105.5091	5.2	101.4845	-3.8	89.7843	-11.5	91.1725	1.5	101.5058	11.3	107.2755	5.7	100.5042	-6.3	94.2988	-6.2
3254	Street footwear winter	-	100	86.0606	-13.9	80.902	-6.0	85.3488396	5.5	85.3705501	0.0	123.8528	45.1	119.7812	-3.3	93.3981	-22.0	86.3757	-7.5	96.1653407	11.3	111.192	15.6	113.3555	1.9	99.5517	-12.2
3255	Street footwear summer	-	100	86.0606	-13.9	80.902	-6.0	85.3488396	5.5	85.3705501	0.0	123.8528	45.1	119.7812	-3.3	93.3981	-22.0	86.3757	-7.5	96.1653407	11.3	111.192	15.6	113.3555	1.9	99.5517	-12.2
3256	Sport footwear	-	100	90.1598	-9.8	90.3748	0.2	99.7383	10.4	99.2181	-0.5	99.6707	0.5	98.7926	-0.9	92.5588	-6.3	96.406	4.2	97.3142	0.9	98.4011	1.1	98.4011	0.0	87.1274	-11.5
3216	Sport footwear	-	100	90.1598	-9.8	90.3748	0.2	99.7383	10.4	99.2181	-0.5	99.6707	0.5	98.7926	-0.9	92.5588	-6.3	96.406	4.2	97.3142	0.9	98.4011	1.1	98.4011	0.0	87.1274	-11.5
3220	Footwear for men	0.24	100	89.0648965	-10.9	92.2960076	3.6	99.7757662	8.1	99.17605	-0.6	102.849088	3.7	102.066762	-0.8	96.2271125	-5.7	94.1086337	-2.2	101.343791	7.7	104.237562	2.9	103.400399	-0.8	98.630834	-4.6
3257	Slippers	-	100	100	0.0	98.1809	-1.8	98.1809	0.0	99.3145	-1.2	99.3145	0.0	101.6639	2.4	101.6639	0.0	100.6374	-1.0	100.6374	0.0	98.3112	-2.3	98.3112	0.0	98.3112	0.0
3221	Slippers	-	100	100	0.0	98.1809	-1.8	98.1809	0.0	99.3145	-1.2	99.3145	0.0	101.6639	2.4	101.6639	0.0	100.6374	-1.0	100.6374	0.0	98.3112	-2.3	98.3112	0.0	98.3112	0.0
3258	Leisure footwear	-	100	90.2448	-9.8	91.8443	1.8	98.421	7.2	98.3105	-0.1	108.838605	10.7	107.97973	-2.4	103.925854	-3.8	96.2909858	-7.3	104.720384	8.8	104.720384	0.0	103.136579	-1.5	94.252222	-8.6
3222	Leisure footwear all year	-	100	90.2448	-9.8	91.8443	1.8	98.421	7.2	98.3105	-0.1	99.38	1.1	97.9602	-1.4	93.6411	-4.4	92.6607	-1.0	100.7723	8.8	100.7723	0.0	99.2482	-1.5	90.6988	-8.6
3259	Leisure footwear summer	-	100	90.2448	-9.8	91.8443	1.8	98.421	7.2	98.3105	-0.1	119.1935	21.2	119.0202	-0.1	115.3402	-3.1	100.0635	-13.2	108.823148	8.8	108.823148	0.0	107.177285	-1.5	97.9448609	-8.6
3260	Street footwear	-	100	87.6791717	-12.3	87.9466196	0.3	100.858572	14.7	97.4526565	-3.4	98.1374712	0.7	95.7438097	-2.4	87.1579858	-9.0	90.3629544	3.7	102.103547	13.0	106.596926	4.4	107.400884	0.8	103.011103	-4.1
3223	Street footwear all year	-	100	85.527	-14.5	89.6014	4.8	102.7563	14.7	99.2863	-3.4	99.984	0.7	97.5453	-2.4	88.7979	-9.0	92.0632	3.7	104.0247	13.0	101.8762	-1.1	99.3903	-2.4	97.3309	-2.1
3261	Street footwear winter	-	100	89.8855	-10.1	86.3224	-4.0	98.995891	14.7	95.6528771	-3.4	96.3250445	0.7	93.9755897	-2.4	85.5483044	-9.0	88.6941094	-3.0	100.217873	13.0	111.5364	11.3	116.0571	4.1	109.0228	-6.1
3262	Sport footwear	-	100	79.7264	-20.3	96.5001	21.0	101.9817	5.7	104.3857	2.4	104.4645	0.1	104.0513	-0.4	95.1824	-8.5	91.1728	-4.2	94.1628	3.3	104.7106	11.2	101.3186	-3.2	99.3395	-2.0
3224	Sport footwear	-	100	79.7264	-20.3	96.5001	21.0	101.9817	5.7	104.3857	2.4	104.4645	0.1	104.0513	-0.4	95.1824	-8.5	91.1728	-4.2	94.1628	3.3	104.7106	11.2	101.3186	-3.2	99.3395	-2.0
3228	Footwear for children	0.09	100	82.8358406	-17.2	81.7809854	-1.3	96.6851344	18.2	98.988887	2.4	110.473665	11.6	106.753155	-3.4	96.1290682	-10.0	88.5101057	-7.9	99.6010149	12.5	108.902783	9.3	102.319626	-6.0	99.5373479	-2.7
3263	Slippers	-	100	100	0.0	99.2811	-0.7	96.4801	-2.8	96.85	-10.0	94.0853	8.3	93.4765	-0.6	89.9711	-3.8	95.139	5.7	94.4391	-0.7	94.4391	0.0	94.4391	0.0	94.4391	0.0
3229	Slippers	-	100	100	0.0	99.2811	-0.7	96.4801	-2.8	96.85	-10.0	94.0853	8.3	93.4765	-0.6	89.9711	-3.8	95.139	5.7	94.4391	-0.7	94.4391	0.0	94.4391	0.0	94.4391	0.0
3264	Leisure footwear	-	100	80.3561	-19.6	82.0165	2.1	108.7121	32.5	108.5908	-0.1	112.996949	4.1	110.147753	-2.5	105.175054	-4.5	99.5459086	-5.4	103.816428	4.3	104.535856	0.7	87.45264	-16.3	87.45264	0.0
3230	Leisure footwear all year	-	100	80.3561	-19.6	82.0165	2.1	108.7121	32.5	108.5908	-0.1	109.3726	0.7	109.3726	0.0	104.5883	-4.4	104.8415	0.2	109.3392	4.3	110.0969	0.7	92.1049	-16.3	92.1049	0.0
3265	Leisure footwear summer	-	100	80.3561	-19.6	82.0165	2.1	108.7121	32.5	108.5908	-0.1	116.7414	7.5	110.9284	-5.0	105.7651	-4.7	94.5178	-10.6	98.5726133	4.3	99.2557029	0.7	83.0353678	-16.3	83.0353678	0.0
3266	Street footwear	-	100	84.3050427	-15.7	79.9400219	-5.2	94.6629731	18.4	99.8426565	5.5	106.13674	6.3	102.070871	-3.8	91.4633854	-10.4	78.8633116	-13.8	94.5251037	19.9	111.508578	18.0	104.739836	-6.1	98.4693027	-6.0
3231	Street footwear all year (2)	-	100	81.6023	-18.4	76.1591	-6.7	90.1857	18.4	95.1204	5.5	95.1204	0.0	95.1204	0.0	85.6139	-10.0	78.0879	-8.8	93.5957	19.9	93.5957	0.0	78.1628	-16.5	70.9414	-9.2
3267	Street footwear winter	-	100	85.6898	-14.3	81.9003	-4.4	96.9842853	18.4	102.290984	5.5	112.1145	9.6	105.7343	-5.7	94.5264	-10.6	79.2539	-16.2	94.9932608	19.9	121.7123	28.1	121.2461	-0.4	116.0116	-4.3
3268	Street footwear summer	-	100	85.6898	-14.3	81.9003	-4.4	96.9842853	18.4	102.290984	5.5	112.1145	9.6	105.7343	-5.7	94.5264	-10.6	79.2539	-16.2	94.9932608	19.9	121.7123	28.1	121.2461	-0.4	116.0116	-4.3
3269	Sport footwear	-	100	90.8951	-9.1	89.4633	-1.6	109.4782	22.4	107.8431	-1.5	110.4594	2.4	108.2449	-2.0	94.7587	-12.5	88.9265	-6.2	102.2706	15.0	105.3644	3.0	101.2184	-3.9	99.2636	-1.9
3232	Sport footwear	-	100	90.8951	-9.1	89.4633	-1.6	109.4782	22.4	107.8431	-1.5	110.4594	2.4	108.2449	-2.0	94.7587	-12.5	88.9265	-6.2	102.2706	15.0	105.3644	3.0	101.2184			

**Footwear HICP simulated (all season) in 2013**  
**Base December 2012=100**

Position nb.	Description	Weights	Indices and rate of change previous month																								
			2012		2013		2013		2013		2013		2013		2013		2013		2013		2013		2013				
			December	January	%	February	%	March	%	April	%	May	%	June	%	July	%	August	%	September	%	October	%	November	%	December	%
3210	Footwear incl. Repair	0.74	100	89.425261	-10.6	92.546428	3.5	100.618557	8.7	100.846669	0.2	107.28315	6.4	105.165253	-2.0	95.558828	-9.1	93.5729366	-2.1	101.944102	8.9	108.586139	6.5	106.859573	-1.6	100.516372	-5.9
3211	Footwear	0.72	100	89.1772304	-10.8	92.3654351	3.6	100.627103	8.9	100.860571	0.2	107.440734	6.5	105.273108	-2.0	95.4411179	-9.3	93.4218723	-2.1	101.989598	9.2	108.787595	6.7	107.016026	-1.6	100.523882	-6.1
3212	Footwear for women	0.39	100	90.6436209	-9.4	94.8270025	4.6	102.000503	7.6	102.252387	0.2	110.615256	8.2	107.777653	-2.6	95.443361	-11.4	94.6786422	-0.8	103.527899	9.3	112.523283	8.7	111.489596	-0.9	103.19194	-7.4
3250	Slippers	-	100	100	0.0	108.2517	8.3	109.4006	1.1	110.3819	0.9	110.3819	0.0	104.8987	-5.0	104.5271	-0.4	104.7254	0.2	112.4465	7.4	112.5616	0.1	113.2853	0.6	113.2853	0.0
3213	Slippers	-	100	100	0.0	108.2517	8.3	109.4006	1.1	110.3819	0.9	110.3819	0.0	104.8987	-5.0	104.5271	-0.4	104.7254	0.2	112.4465	7.4	112.5616	0.1	113.2853	0.6	113.2853	0.0
3251	Leisure footwear	-	100	93.9819	-6.0	102.2541	8.8	115.3372	12.8	116.0778	0.6	125.2597	7.9	124.408556	-0.7	111.165789	-10.6	110.904892	-0.2	123.978395	11.8	124.80845	0.7	124.676502	-0.1	116.869507	-6.3
3214	Leisure footwear all year	-	100	93.9819	-6.0	102.2541	8.8	115.3372	12.8	116.0778	0.6	116.0778	0.0	114.5115	-1.3	102.6868	-10.3	102.0391	-0.6	114.0875	11.8	114.8312	0.7	114.7098	-0.1	107.5269	-6.3
3252	Leisure footwear summer	-	100	93.9819	-6.0	102.2541	8.8	115.3372	12.8	116.0778	0.6	135.1679	16.4	135.161	0.0	120.3449	-11.0	120.541	0.2	134.75041	11.8	135.652585	0.7	135.509172	-0.1	127.023857	-6.3
3253	Street footwear	-	100	85.786664	-14.2	87.6785867	2.2	92.4979065	5.5	92.5214356	0.0	105.488642	14.0	101.742409	-3.6	84.5039574	-16.9	81.8908819	-3.1	91.1722228	11.3	109.800974	20.4	107.308111	-2.3	97.4084358	-9.2
3215	Street footwear all year	-	100	85.5136	-14.5	95.0228	11.1	100.2458	5.5	100.2713	0.0	105.5091	5.2	101.4845	-3.8	89.7843	-11.5	91.1725	1.5	101.5058	11.3	107.2755	5.7	100.5042	-6.3	94.2988	-6.2
3254	Street footwear winter	-	100	86.0606	-13.9	80.902	-6.0	85.3488396	5.5	85.3705501	0.0	89.8299904	5.2	86.6398451	-3.6	71.9602561	-16.9	69.7350635	-3.1	77.6386894	11.3	111.192	43.2	113.3555	1.9	99.5517	-12.2
3255	Street footwear summer	-	100	85.786664	-14.2	87.6785867	2.2	92.4979065	5.5	92.5214356	0.0	123.8528	33.9	119.7812	-3.3	93.3981	-22.0	86.3757	-7.5	96.1653407	11.3	110.979939	15.4	108.46031	-2.3	98.4543393	-9.2
3256	Sport footwear	-	100	90.1598	-9.8	90.3748	0.2	99.7383	10.4	99.2181	-0.5	99.6707	0.5	98.7926	-0.9	92.5588	-6.3	96.406	4.2	97.3142	0.9	98.4011	1.1	98.4011	0.0	87.1274	-11.5
3216	Sport footwear	-	100	90.1598	-9.8	90.3748	0.2	99.7383	10.4	99.2181	-0.5	99.6707	0.5	98.7926	-0.9	92.5588	-6.3	96.406	4.2	97.3142	0.9	98.4011	1.1	98.4011	0.0	87.1274	-11.5
3220	Footwear for men	0.24	100	89.0648965	-10.9	92.2960076	3.6	99.7757662	8.1	99.17605	-0.6	102.849088	3.7	102.066762	-0.8	96.2271125	-5.7	94.1086337	-2.2	101.343791	7.7	104.237562	2.9	103.400399	-0.8	98.630834	-4.6
3257	Slippers	-	100	100	0.0	98.1809	-1.8	98.1809	0.0	99.3145	1.2	99.3145	0.0	101.6639	2.4	101.6639	0.0	100.6374	-1.0	100.6374	0.0	98.3112	-2.3	98.3112	0.0	98.3112	0.0
3221	Slippers	-	100	100	0.0	98.1809	-1.8	98.1809	0.0	99.3145	1.2	99.3145	0.0	101.6639	2.4	101.6639	0.0	100.6374	-1.0	100.6374	0.0	98.3112	-2.3	98.3112	0.0	98.3112	0.0
3258	Leisure footwear	-	100	90.2448	-9.8	91.8443	1.8	98.421	7.2	98.3105	-0.1	108.836805	10.7	107.977973	-0.8	103.925854	-3.8	96.2909858	-7.3	104.720384	8.8	104.720384	0.0	103.136573	-1.5	94.252222	-8.6
3222	Leisure footwear all year	-	100	90.2448	-9.8	91.8443	1.8	98.421	7.2	98.3105	-0.1	99.38	1.1	97.9602	-1.4	93.8411	-4.4	92.6607	-1.0	100.7723	8.8	100.7723	0.0	99.2482	-1.5	90.6988	-8.6
3259	Leisure footwear summer	-	100	90.2448	-9.8	91.8443	1.8	98.421	7.2	98.3105	-0.1	119.1935	21.2	119.0202	-0.1	115.3402	-3.1	100.0635	-13.2	108.823148	8.8	108.823148	0.0	107.177285	-1.5	97.9448609	-8.6
3260	Street footwear	-	100	87.6791717	-12.3	87.9466196	0.3	100.858572	14.7	97.4526565	-3.4	98.1374712	0.7	95.7438097	-2.4	87.1579588	-9.0	90.3629544	3.7	102.103547	13.0	106.596926	4.4	107.400884	0.8	103.011103	-4.1
3223	Street footwear all year	-	100	85.527	-14.5	89.6014	4.8	102.7563	14.7	99.2863	-3.4	99.984	0.7	97.5453	-2.4	88.7979	-9.0	92.0632	3.7	104.0247	13.0	101.8762	-2.1	99.3903	-2.4	97.3309	-2.1
3261	Street footwear winter	-	100	89.8855	-10.1	86.3224	-4.0	98.995891	14.7	95.6528771	-3.4	96.3250445	0.7	93.975897	-2.4	85.5483044	-9.0	88.6941094	3.7	100.217873	13.0	111.5364	11.3	116.0571	4.1	109.0228	-6.1
3262	Sport footwear	-	100	79.7264	-20.3	96.5001	21.0	101.9817	5.7	104.3857	2.4	104.4645	0.1	104.0513	-0.4	95.1824	-8.5	91.1728	-4.2	94.1628	3.3	104.7106	11.2	101.3186	-3.2	99.3395	-2.0
3224	Sport footwear	-	100	79.7264	-20.3	96.5001	21.0	101.9817	5.7	104.3857	2.4	104.4645	0.1	104.0513	-0.4	95.1824	-8.5	91.1728	-4.2	94.1628	3.3	104.7106	11.2	101.3186	-3.2	99.3395	-2.0
3228	Footwear for children	0.09	100	83.187857	-16.8	82.0031109	-1.4	96.9477411	18.2	99.2577509	2.4	105.723887	6.5	102.841801	-2.7	93.3981778	-9.2	86.2629968	-7.6	97.0723282	12.5	104.559844	7.7	97.210952	-7.0	93.9948964	-3.3
3263	Slippers	-	100	100	0.0	99.2811	-0.7	96.4801	-2.8	86.85	-10.0	94.0853	8.3	93.4765	-0.6	89.9711	-3.8	95.139	5.7	94.4391	-0.7	94.4391	0.0	94.4391	0.0	94.4391	0.0
3229	Slippers	-	100	100	0.0	99.2811	-0.7	96.4801	-2.8	86.85	-10.0	94.0853	8.3	93.4765	-0.6	89.9711	-3.8	95.139	5.7	94.4391	-0.7	94.4391	0.0	94.4391	0.0	94.4391	0.0
3264	Leisure footwear	-	100	80.3561	-19.6	82.0165	2.1	108.7121	32.5	108.5908	-0.1	112.996949	4.1	110.147753	-2.5	105.175094	-4.5	99.5459086	-5.4	103.816428	4.3	104.535856	0.7	87.45264	-16.3	87.45264	0.0
3230	Leisure footwear all year	-	100	80.3561	-19.6	82.0165	2.1	108.7121	32.5	108.5908	-0.1	109.3726	0.7	109.3726	0.0	104.5883	-4.4	104.8415	0.2	109.3392	4.3	110.0969	0.7	92.1049	-16.3	92.1049	0.0
3265	Leisure footwear summer	-	100	80.3561	-19.6	82.0165	2.1	108.7121	32.5	108.5908	-0.1	116.7414	7.5	110.9284	-5.0	105.7651	-4.7	94.5178	-10.6	98.5726133	4.3	99.2557029	0.7	83.0353678	-16.3	83.0353678	0.0
3266	Street footwear	-	100	83.6210785	-16.4	78.9775483	-5.6	93.5232359	18.4	98.6405562	5.5	102.941605	4.4	99.9696086	-2.9	89.6845348	-10.3	78.419741	-12.6	93.9934427	19.9	102.666255	9.2	93.6410944	-8.8	87.2635995	-6.8
3231	Street footwear all year (2)	-	100	81.6023	-18.4	76.1591	-6.7	90.1857	18.4	95.1204	5.5	95.1204	0.0	95.1204	0.0	85.6319	-10.0	78.0879	-8.8	93.5957	19.9	93.5957	0.0	78.1628	-16.5	70.9414	-9.2
3267	Street footwear winter	-	100	85.6898	-14.3	81.9003	-4.4	96.9842853	18.4	102.290984	5.5	102.290984	0.0	99.3377713	-2.9	89.1177022	-10.3	77.9241052	-12.6	93.3993766	19.9	121.7123	30.3	121.2461	-0.4	116.0116	-4.3
3268	Street footwear summer	-	100	83.6210785	-16.4	78.9775483	-5.6	93.5232359	18.4	98.6405562	5.5	112.1145	13.7	105.7343	-5.7	94.5264	-10.6	79.2539	-16.2	94.9932608	19.9	94.9932608	0.0	86.6426159	-8.8	80.7417575	-6.8
3269	Sport footwear	-	100	90.8951	-9.1	89.4633	-1.6	109.4782	22.4	107.8431	-1.5	110.4594	2.4	108.2449	-2.0	94.7587	-12.5	88.9265	-6.2	102.2706	15.0	105.3644	3.0	101.2184	-3.9	99.2636	-1.9
3232	Sport footwear	-	100	90.8951	-9.1	89.4633	-1.6	109.4782	22.4	107.8431	-1.5	110.4594	2.4	108.2449	-2.0	94.7587	-12.5	88.9265	-6.2	102.2706	1						





**Footwear HICP simulated (neutral imputation) in 2013**  
**Base December 2012=100**

Position nb.	Description	Weights	Indices and rate of change previous month																								
			2012		2013		2013		2013		2013		2013		2013		2013		2013		2013		2013				
			December	January	%	February	%	March	%	April	%	May	%	June	%	July	%	August	%	September	%	October	%	November	%	December	
3210	Footwear incl. Repair	0.74	100	89.6851603	-10.3	92.7412153	3.4	100.156133	8.0	100.286141	0.1	107.809983	7.5	105.905702	-1.8	97.0496096	-8.4	94.9753952	-2.1	101.974557	7.4	108.118239	6.0	106.617857	-1.4	100.668414	-5.6
3211	Footwear	0.72	100	89.442961	-10.6	92.564796	3.5	100.153821	8.2	100.286881	0.1	107.979938	7.7	106.030943	-1.8	96.9669039	-8.5	94.8572616	-2.2	102.020769	7.6	108.308708	6.2	106.768634	-1.4	100.679494	-5.7
3212	Footwear for women	0.39	100	90.9869996	-9.0	94.8833429	4.3	101.840761	7.3	102.104755	0.3	111.517286	9.2	108.840897	-2.4	97.4202953	-10.5	97.0168205	-0.4	104.554837	7.8	110.910152	6.1	110.013664	-0.8	101.963918	-7.3
3250	Slippers	-	100	100.0	0.0	108.2517	8.3	109.4006	1.1	110.3819	0.9	110.3819	0.0	104.8987	-5.0	104.5271	-0.4	104.7254	0.2	112.4465	7.4	112.5616	0.1	113.2853	0.6	113.2853	0.0
3213	Slippers	-	100	100.0	0.0	108.2517	8.3	109.4006	1.1	110.3819	0.9	110.3819	0.0	104.8987	-5.0	104.5271	-0.4	104.7254	0.2	112.4465	7.4	112.5616	0.1	113.2853	0.6	113.2853	0.0
3251	Leisure footwear	-	100	92.4723261	-7.5	98.4998012	6.5	108.379095	10.0	108.867329	0.5	125.2597	15.1	124.408556	-0.7	111.165789	-10.6	110.904892	-0.2	121.729798	9.8	125.79387	3.3	125.218198	-0.5	116.714737	-6.8
3214	Leisure footwear all year	-	100	93.9819	-6.0	102.2541	8.8	115.3372	12.8	116.0778	0.6	116.0778	0.0	114.5115	-1.3	102.6868	-10.3	102.0391	-0.6	114.0675	11.8	114.8312	0.7	114.7098	-0.1	107.5269	-6.3
3252	Leisure footwear summer	-	100	90.9869996	-9.0	94.8833429	4.3	101.840761	7.3	102.104755	0.3	135.1679	32.4	135.161	0.0	120.3449	-11.0	120.541	0.2	129.906799	7.8	137.803121	6.1	136.689256	-0.8	126.687647	-7.3
3253	Street footwear	-	100	87.4862164	-12.5	90.0172386	2.9	96.0637594	6.7	96.2378591	0.2	107.506752	11.7	104.099807	-3.2	88.6446212	-14.8	86.6876548	-2.2	94.4418125	8.9	105.607958	11.8	103.722424	-1.8	94.8087968	-8.6
3215	Street footwear all year	-	100	85.5136	-14.5	95.0228	11.1	100.2458	5.5	100.2713	0.0	105.5091	5.2	101.4845	-3.8	89.7843	-11.5	91.1725	1.5	101.5058	11.3	107.2755	5.7	100.5042	-6.3	94.2988	-6.2
3254	Street footwear winter	-	100	86.0606	-13.9	80.902	-6.0	86.8342214	7.3	87.0583153	0.3	95.0848816	9.2	92.8026671	-2.4	83.0651249	-10.5	82.7211033	-0.4	89.1483706	7.8	111.192	24.7	113.3555	1.9	99.5517	-12.2
3255	Street footwear summer	-	100	90.9869996	-9.0	94.8833429	4.3	101.840761	7.3	102.104755	0.3	123.8528	21.3	119.7812	-3.3	93.3981	-22.0	86.3757	-7.5	93.0869223	7.8	98.7451655	6.1	97.9470071	-0.8	90.780184	-7.3
3256	Sport footwear	-	100	90.1598	-9.8	90.3748	0.2	99.7383	10.4	99.2181	-0.5	99.6707	0.5	98.7926	-0.9	92.5588	-6.3	96.406	4.2	97.3142	0.9	98.4011	1.1	98.4011	0.0	87.1274	-11.5
3216	Sport footwear	-	100	90.1598	-9.8	90.3748	0.2	99.7383	10.4	99.2181	-0.5	99.6707	0.5	98.7926	-0.9	92.5588	-6.3	96.406	4.2	97.3142	0.9	98.4011	1.1	98.4011	0.0	87.1274	-11.5
3220	Footwear for men	0.24	100	88.8307735	-11.2	92.3866153	4.0	98.625674	6.8	98.6084966	0.0	102.800584	4.3	102.367261	-0.4	97.1890985	-5.1	93.946217	-3.3	99.7141553	6.1	104.655996	5.0	103.964576	-0.7	100.022613	-3.8
3257	Slippers	-	100	100.0	0.0	98.1809	-1.8	98.1809	0.0	99.3145	1.2	99.3145	0.0	101.6639	2.4	101.6639	0.0	100.6374	-1.0	100.6374	0.0	98.3112	-2.3	98.3112	0.0	98.3112	0.0
3221	Slippers	-	100	100.0	0.0	98.1809	-1.8	98.1809	0.0	99.3145	1.2	99.3145	0.0	101.6639	2.4	101.6639	0.0	100.6374	-1.0	100.6374	0.0	98.3112	-2.3	98.3112	0.0	98.3112	0.0
3258	Leisure footwear	-	100	89.5349953	-10.5	92.1150586	2.9	98.5232839	7.0	98.4593856	-0.1	108.836805	10.5	107.977973	0.8	103.925854	-3.8	96.2909858	-7.3	103.453977	7.4	105.98657	2.4	104.834012	-1.1	98.2987656	-6.2
3222	Leisure footwear all year	-	100	90.2448	-9.8	91.8443	1.8	98.421	7.2	98.3105	-0.1	99.38	1.1	97.9602	-1.4	93.6411	-4.4	92.6607	-1.0	100.7723	8.8	100.7723	0.0	99.2482	-1.5	90.6988	-8.6
3259	Leisure footwear summer	-	100	88.8307735	-11.2	92.3866153	4.0	98.625674	6.8	98.6084966	0.0	119.1935	20.9	119.0202	-0.1	115.3402	-3.1	100.0635	-13.2	106.207016	6.1	111.470643	5.0	110.734201	-0.7	106.535559	-3.8
3260	Street footwear	-	100	87.6791717	-12.3	87.9466196	0.3	97.30977	10.6	95.6442921	-1.7	97.9986899	2.5	96.5919516	-1.4	89.7981417	-7.0	89.859045	0.1	98.4473132	9.5	106.596926	8.3	107.400884	0.8	103.011103	-4.1
3223	Street footwear all year	-	100	85.527	-14.5	89.6014	4.8	102.7563	14.7	99.2863	-3.4	99.984	0.7	97.5453	-2.4	88.7979	-9.0	92.0632	3.7	104.0247	13.0	101.8762	-2.1	99.3903	-2.4	97.3309	-2.1
3261	Street footwear winter	-	100	89.8855	-10.1	86.3224	-4.0	92.1519238	6.8	92.1358798	0.0	96.0528007	4.3	95.6479206	-0.4	90.8096504	-5.1	87.7796301	-3.3	93.1689636	6.1	111.5364	19.7	116.0571	4.1	109.0228	-6.1
3262	Sport footwear	-	100	79.7264	-20.3	96.5001	21.0	101.9817	5.7	104.3857	2.4	104.4645	0.1	104.0513	-0.4	95.1824	-8.5	91.1728	-4.2	94.1628	3.3	104.7106	11.2	101.3186	-3.2	99.3395	-2.0
3224	Sport footwear	-	100	79.7264	-20.3	96.5001	21.0	101.9817	5.7	104.3857	2.4	104.4645	0.1	104.0513	-0.4	95.1824	-8.5	91.1728	-4.2	94.1628	3.3	104.7106	11.2	101.3186	-3.2	99.3395	-2.0
3228	Footwear for children	0.09	100	84.4141506	-15.6	83.0963128	-1.6	96.8825649	16.6	96.8435499	0.0	106.229626	9.7	103.474796	-2.6	94.4503977	-8.7	87.9655484	-6.9	97.1354545	-10.4	106.617147	9.8	100.125422	-6.1	96.8781346	-3.2
3263	Slippers	-	100	100.0	0.0	99.2811	-0.7	96.4801	-2.8	86.85	-10.0	94.0853	8.3	93.4765	-0.6	89.9711	-3.8	95.139	5.7	94.4391	-0.7	94.4391	0.0	94.4391	0.0	94.4391	0.0
3229	Slippers	-	100	100.0	0.0	99.2811	-0.7	96.4801	-2.8	86.85	-10.0	94.0853	8.3	93.4765	-0.6	89.9711	-3.8	95.139	5.7	94.4391	-0.7	94.4391	0.0	94.4391	0.0	94.4391	0.0
3264	Leisure footwear	-	100	82.3601356	-17.6	82.5546409	0.2	102.627029	24.3	102.549103	-0.1	112.969649	10.2	110.147753	-2.5	105.175054	-4.5	99.5459086	-5.4	106.826089	7.3	112.305641	5.1	99.5437602	-11.4	97.9162442	-1.6
3230	Leisure footwear all year	-	100	80.3561	-19.6	82.0165	2.1	108.7121	32.5	108.5908	-0.1	109.3726	0.7	109.3726	0.0	104.5833	-4.4	104.8415	0.2	109.3392	4.3	110.0969	0.7	92.1049	-16.3	92.1049	0.0
3265	Leisure footwear summer	-	100	84.4141506	-15.6	83.0963128	-1.6	96.8825649	16.6	96.8435499	0.0	116.7414	20.5	110.9284	-5.0	105.7651	-4.7	94.5178	-10.6	104.370741	10.4	114.558693	9.8	107.583421	-6.1	104.094254	-3.2
3266	Street footwear	-	100	83.8846045	-18.1	80.3272717	-4.2	94.1407293	17.2	95.8016383	1.8	103.743672	8.3	100.850013	-2.8	90.998048	-9.8	81.2593941	-10.7	92.2163098	13.5	103.048534	11.7	94.9088602	-7.9	89.559491	-5.6
3231	Street footwear all year (2)	-	100	81.6023	-18.4	76.1591	-6.7	90.1857	18.4	95.1204	5.5	95.1204	0.0	85.6319	-10.0	85.6319	-10.0	78.0879	-8.8	93.5957	19.9	93.5957	0.0	78.1828	-16.5	70.0114	-9.2
3267	Street footwear winter	-	100	85.6898	-14.3	81.9003	-4.4	95.4881253	16.6	95.4496718	0.0	104.700653	9.7	101.985474	-2.6	83.0909645	-8.7	86.6994522	-6.9	95.7373751	10.4	121.7123	27.1	121.2461	-0.4	116.0116	-4.3
3268	Street footwear summer	-	100	84.4141506	-15.6	83.0963128	-1.6	96.8825649	16.6	96.8435499	0.0	112.1145	15.8	105.7343	-5.7	94.5264	-10.6	79.2539	-16.2	87.5156665	10.4	96.0583421	9.8	90.209523	-6.1	87.2838302	-3.2
3269	Sport footwear	-	100	90.8951	-9.1	89.4633	-1.6	109.4782	22.4	107.8431	-1.5	110.4594	2.4	108.2449	-2.0	94.7587	-12.5	88.9265	-6.2	102.2706	15.0	105.3644	3.0	101.2184	-3.9	99.2636	-1.9
3232	Sport footwear	-	100	90.8951	-9.1	89.4633	-1.6	109.4782	22.4	107.8431	-1.5	110.4594	2.4	108.2449</													



**Footwear HICP simulated with new basket (counter seasonal) in 2013**  
**Base December 2012=100**

Position nb.	Description	Weights	Indices and rate of change previous month																								
			2012		2013		2013		2013		2013		2013		2013		2013		2013		2013		2013				
			December	January	%	February	%	March	%	April	%	May	%	June	%	July	%	August	%	September	%	October	%	November	%	December	
	Footwear incl repair	0.74	100	87.953944	-12.0	86.713925	-1.4	93.6569718	8.0	93.7749155	0.1	117.270906	25.1	115.277341	-1.7	103.86569	-9.9	98.394706	-5.3	105.640466	7.4	109.803326	3.9	110.554347	0.7	102.356119	-7.4
	Footwear	0.72	100	87.6710946	-12.3	86.3959809	-1.5	93.5020551	8.2	93.6227682	0.1	117.66301	25.7	115.622634	-1.7	103.943031	-10.1	98.35686	-5.4	105.772755	7.5	110.033362	4.0	110.797556	0.7	102.406829	-7.6
	Footwear for women	0.39	100	88.0799938	-11.9	86.458041	-1.8	92.7976648	7.3	93.0382173	0.3	121.72651	30.8	119.254643	-2.0	102.987705	-13.6	100.826418	-2.1	108.660433	7.8	110.144187	1.4	111.013276	0.8	99.7076363	-10.2
	Footwear for women all year	-	100	92.2620473	-7.7	98.7410309	7.0	105.981317	7.3	106.256045	0.3	107.739788	1.4	104.757671	-2.8	97.1830242	-7.2	98.4456756	1.3	106.094711	7.8	108.078091	1.9	106.473017	-1.5	100.020242	-6.1
	Footwear for women winter	-	100	86.0606	-13.9	80.902	-6.0	86.8342214	7.3	87.0593153	0.3	129.386718	48.6	127.238936	-1.7	106.018796	-16.7	102.038293	-3.8	109.966468	7.8	111.192	1.1	113.3555	1.9	99.5517	-12.2
	Footwear for women summer	-	100	86.0606	-13.9	80.902	-6.0	86.8342214	7.3	87.0593153	0.3	129.386718	48.6	127.238936	-1.7	106.018796	-16.7	102.038293	-3.8	109.966468	7.8	111.192	1.1	113.3555	1.9	99.5517	-12.2
	Footwear for men	0.24	100	89.4445172	-10.6	88.7992203	-0.7	94.7960148	6.8	94.7795043	0.0	112.703124	18.9	112.409489	-0.3	108.007319	-3.9	98.0206673	-9.2	104.038761	6.1	108.046751	3.1	110.275164	2.1	104.626812	-5.1
	Footwear for men all year	-	100	88.5690313	-11.4	93.9680996	6.1	100.313959	6.8	100.296488	0.0	100.763379	0.5	100.269205	-0.5	94.7105055	-5.5	94.0592661	-0.7	99.8341452	6.1	101.391579	1.6	99.5611042	-1.8	96.3594499	-3.2
	Footwear for men winter	-	100	89.8855	-10.1	86.3224	-4.0	92.1519298	6.8	92.1358798	0.0	119.1935	29.4	119.0202	-0.1	115.3402	-3.1	100.0635	-13.2	106.207016	6.1	111.5364	5.0	116.0571	4.1	109.0228	-6.1
	Footwear for men summer	-	100	89.8855	-10.1	86.3224	-4.0	92.1519298	6.8	92.1358798	0.0	119.1935	29.4	119.0202	-0.1	115.3402	-3.1	100.0635	-13.2	106.207016	6.1	111.5364	5.0	116.0571	4.1	109.0228	-6.1
	Footwear for children	0.09	100	81.3321724	-18.7	79.9131262	-1.7	93.1712656	16.6	93.1337452	0.0	113.091638	21.4	108.380426	-4.2	97.5201796	-10.0	88.6504261	-9.1	97.8917268	10.4	114.698015	17.2	111.22512	-3.0	108.223414	-2.7
	Footwear for children all year	-	100	86.8020369	-13.2	85.5666399	-1.4	99.7627363	16.6	99.7225614	0.0	102.204268	2.5	101.659066	-0.5	94.5191132	-7.0	90.8149559	-3.9	100.281896	10.4	101.258846	1.0	92.833134	-8.3	89.4451336	-3.6
	Footwear for children winter	-	100	78.7278879	-21.3	77.2280274	-1.9	90.0406904	16.6	90.0044306	0.0	118.962813	32.2	111.905962	-5.9	99.0562584	-11.5	87.5875852	-11.6	96.7180908	10.4	122.072367	26.2	121.745472	-0.3	119.042897	-2.2
	Footwear for children summer	-	100	78.7278879	-21.3	77.2280274	-1.9	90.0406904	16.6	90.0044306	0.0	118.962813	32.2	111.905962	-5.9	99.0562584	-11.5	87.5875852	-11.6	96.7180908	10.4	122.072367	26.2	121.745472	-0.3	119.042897	-2.2
	Repair of footwear	0.02	100	100	0.0	100.2546	0.3	100.2546	0.0	100.2546	0.0	100.5719	0.3	100.5719	0.0	100.5719	0.0	100.0065	-0.6	100.0065	0.0	100.0065	0.0	100.1965	0.2	100.1965	0.0
	Women's shoe heels	-	100	100	0.0	100.2574	0.3	100.2574	0.0	100.2574	0.0	101.0417	0.8	101.0417	0.0	101.0417	0.0	96.2159	-4.8	96.2159	0.0	96.2159	0.0	96.6763	0.5	96.6763	0.0
	Men's shoe heels	-	100	100	0.0	100.3236	0.3	100.3236	0.0	100.3236	0.0	100.2986	0.0	100.2986	0.0	100.2986	0.0	103.2995	3.0	103.2995	0.0	103.2995	0.0	103.2995	0.0	103.2995	0.0
	Other repair	-	100	100	0.0	100.2284	0.2	100.2284	0.0	100.2284	0.0	100.486	0.3	100.486	0.0	100.486	0.0	100.486	0.0	100.486	0.0	100.486	0.0	100.486	0.1	100.486	0.0

Imputed indices summer footwear  
 Imputed indices winter footwear

**Footwear HICP simulated with new basket (all year) in 2013**  
**Base December 2012=100**

Position nb.	Description	Weights	Indices and rate of change previous month																								
			2012		2013		2013		2013		2013		2013		2013		2013		2013		2013		2013				
			December	January	%	February	%	March	%	April	%	May	%	June	%	July	%	August	%	September	%	October	%	November	%	December	
	Footwear incl repair	0.74	100	89.2459704	-10.8	91.0343471	2.0	98.3213889	8.0	98.4478025	0.1	105.458652	7.1	103.660946	-1.7	95.1818184	-8.2	92.6100262	-2.7	99.4244373	7.4	108.542896	9.2	107.621766	-0.8	101.026818	-6.1
	Footwear	0.72	100	88.9934587	-11.0	90.8178495	2.1	98.2759958	8.2	98.4053777	0.1	105.573396	7.3	103.733479	-1.7	95.0552557	-8.4	92.4363521	-2.8	99.41077	7.5	108.743337	9.4	107.796116	-0.9	101.046314	-6.3
	Footwear for women	0.39	100	90.1467723	-9.9	92.3956498	2.5	99.1706548	7.3	99.4277275	0.3	107.160445	7.8	104.58862	-2.4	93.6142068	-10.5	93.2264953	-0.8	100.470011	7.8	110.417643	9.9	110.026193	-0.4	101.064122	-8.1
	Footwear for women all year	-	100	92.2620473	-7.7	98.7410309	7.0	105.981317	7.3	106.256045	0.3	107.739788	1.4	104.757671	-2.8	97.1830242	-7.2	98.4456756	1.3	106.094711	7.8	108.078091	1.9	106.473017	-1.5	100.020242	-6.1
	Footwear for women winter	-	100	86.0606	-13.9	80.902	-6.0	86.8342214	7.3	87.0593153	0.3	88.2749979	1.4	85.831645	-2.8	79.6254703	-7.2	80.660005	1.3	86.927129	7.8	111.192	27.9	113.3555	1.9	99.5517	-12.2
	Footwear for women summer	-	100	92.2620473	-7.7	98.7410309	7.0	105.981317	7.3	106.256045	0.3	129.386718	21.8	127.238936	-1.7	106.018796	-16.7	102.038293	-3.8	109.966468	7.8	112.022228	1.9	110.35858	-1.5	103.670321	-6.1
	Footwear for men	0.24	100	89.0056978	-11.0	91.3471071	2.6	97.5159657	6.8	97.4989815	0.0	103.593783	6.3	103.204736	-0.4	98.3195821	-4.7	93.3413278	-5.1	99.0721282	6.1	106.847615	7.8	106.965012	0.1	102.500666	-4.2
	Footwear for men all year	-	100	88.5690313	-11.4	93.9680996	6.1	100.313959	6.8	100.296488	0.0	100.763379	0.5	100.269205	-0.5	94.7105055	-5.5	94.0592661	-0.7	99.8341452	6.1	101.391579	1.6	99.5611042	-1.8	96.3594499	-3.2
	Footwear for men winter	-	100	89.8855	-10.1	86.3224	-4.0	92.1519298	6.8	92.1358798	0.0	119.1935	29.4	119.0202	-0.1	115.3402	-3.1	100.0635	-13.2	106.207016	6.1	111.5364	5.0	116.0571	4.1	109.0228	-6.1
	Footwear for men summer	-	100	88.5690313	-11.4	93.9680996	6.1	100.313959	6.8	100.296488	0.0	100.763379	0.5	100.269205	-0.5	94.7105055	-5.5	94.0592661	-0.7	99.8341452	6.1	101.391579	1.6	99.5611042	-1.8	96.3594499	-3.2
	Footwear for children	0.09	100	84.0228055	-16.0	82.6915818	-1.6	96.4106861	16.6	96.3718612	0.0	103.897856	7.8	101.439081	-2.4	92.7820335	-8.5	86.7113451	-6.5	95.7505077	10.4	106.477087	11.2	100.395598	-5.7	97.207071	-3.2
	Footwear for children all year	-	100	86.8020369	-13.2	85.5666399	-1.4	99.7627363	16.6	99.7225614	0.0	102.204268	2.5	101.659066	-0.5	94.5191132	-7.0	90.8149559	-3.9	100.281896	10.4	101.258846	1.0	92.833134	-8.3	89.4451336	-3.6
	Footwear for children winter	-	100	78.7278879	-21.3	77.2280274	-1.9	90.0406904	16.6	90.0044306	0.0	118.962813	32.2	111.905962	-5.9	99.0562584	-11.5	87.5875852	-11.6	96.7180908	10.4	122.072367	26.2	121.745472	-0.3	119.042897	-2.2
	Footwear for children summer	-	100	86.8020369	-13.2	85.5666399	-1.4	99.7627363	16.6	99.7225614	0.0	118.962813	32.2	111.905962	-5.9	99.0562584	-11.5	87.5875852	-11.6	96.7180908	10.4	122.072367	26.2	121.745472	-0.3	119.042897	-2.2
	Repair of footwear	0.02	100	100	0.0	100.2546	0.3	100.2546	0.0	100.2546	0.0	100.5719	0.3	100.5719	0.0	100.5719	0.0	100.0065	-0.6	100.0065	0.0	100.0065	0.0	100.1965	0.2	100.1965	0.0
	Women's shoe heels	-	100	100	0.0	100.2574	0.3	100.2574	0.0	100.2574	0.0	101.0417	0.8	101.0417	0.0	101.0417	0.0	96.2159	-4.8	96.2159	0.0	96.2159	0.0	96.6763	0.5	96.6763	0.0
	Men's shoe heels	-	100	100	0.0																						

**Footwear HICP simulated with new basket (all season) in 2013**  
**Base December 2012=100**

Position nb.	Description	Weights	Indices and rate of change previous month																										
			2012		2013		2013		2013		2013		2013		2013		2013		2013		2013		2013						
			December	January	%	February	%	March	%	April	%	May	%	June	%	July	%	August	%	September	%	October	%	November	%	December	%		
	Footwear incl repair	0.74	100	88.5953257	-11.4	88.8435589	0.3	95.9562414	8.0	96.0783484	0.1	105.458652	9.8	103.668597	-1.7	94.3449176	-9.0	90.5507674	-4.0	97.204927	7.3	108.542896	11.7	108.466076	-0.1	101.086425	-6.8		
	Footwear	0.72	100	88.3275364	-11.7	88.5756201	0.3	95.8553131	8.2	95.9802872	0.1	105.573396	10.0	103.741309	-1.7	94.1987039	-9.2	90.3287405	-4.1	97.1391442	7.5	108.743337	11.9	108.660251	-0.1	101.107321	-7.0		
	Footwear for women	0.39	100	89.1073911	-10.9	89.3775524	0.3	95.9312524	7.3	96.1799278	0.3	107.160445	11.4	104.786307	-2.2	92.1272783	-12.1	90.9665068	-1.3	98.0344257	7.8	110.417643	12.6	110.65574	0.2	100.508122	-9.2		
	Footwear for women all year	-	100	92.2620473	-7.7	98.7410309	7.0	105.981317	7.3	106.256045	0.3	107.739788	1.4	104.757671	-2.8	97.1830242	-7.2	98.4456756	1.3	106.094711	7.8	108.078091	1.9	106.473017	-1.5	100.020242	-6.1		
	Footwear for women winter	-	100	86.0606	-13.9	80.902	-6.0	86.8342214	7.3	87.0593153	0.3	88.2749979	1.4	86.3192665	-2.2	75.8912048	-12.1	74.9350021	-1.3	80.7573046	7.8	111.192	37.7	113.3555	1.9	99.5517	-12.2		
	Footwear for women summer	-	100	89.1073911	-10.9	89.3775524	0.3	95.9312524	7.3	96.1799278	0.3	129.386718	34.5	127.238936	-1.7	106.018796	-16.7	102.038293	-3.8	109.966468	7.8	112.022228	1.9	112.263785	0.2	101.968703	-9.2		
	Footwear for men	0.24	100	89.2248377	-10.8	90.0641543	0.9	96.1463724	6.8	96.1296268	0.0	103.593783	7.8	103.264292	-0.3	98.7973904	-4.3	91.7053523	-7.2	97.33571	6.1	106.847615	9.8	108.003117	1.1	102.982019	-4.6		
	Footwear for men all year	-	100	88.5690313	-11.4	93.9680996	6.1	100.313959	6.8	100.296488	0.0	100.763379	0.5	100.269205	-0.5	94.7105055	-5.5	94.0592661	-0.7	99.8341452	6.1	101.391579	1.6	99.5611042	-1.8	96.3594499	-3.2		
	Footwear for men winter	-	100	89.8855	-10.1	86.3224	-4.0	92.1519298	6.8	92.1358798	0.0	92.5647825	0.5	92.2703698	-0.3	88.2790325	-4.3	81.9420406	-7.2	86.9729684	6.1	111.5364	28.2	116.0571	4.1	109.0228	-6.1		
	Footwear for men summer	-	100	89.2248377	-10.8	90.0641543	0.9	96.1463724	6.8	96.1296268	0.0	119.1935	24.0	119.0202	-0.1	115.3402	-3.1	100.0635	-13.2	106.207016	6.1	107.863868	1.6	109.03036	1.1	103.961505	-4.6		
	Footwear for children	0.09	100	82.664444	-17.3	81.2904841	-1.7	94.7771367	16.6	94.7389696	0.0	103.897856	9.7	100.500015	-3.3	91.1732077	-9.3	84.0362027	-7.8	92.796497	10.4	106.477087	14.7	101.81433	-4.4	98.8236967	-2.9		
	Footwear for children all year	-	100	86.8020369	-13.2	85.5666399	-1.4	99.7627363	16.6	99.7225614	0.0	102.204268	2.5	101.659066	-0.5	94.5191132	-7.0	90.8149559	-3.9	100.281896	10.4	101.258846	1.0	92.833134	-8.3	89.4451336	-3.6		
	Footwear for children winter	-	100	78.7278879	-21.3	77.2280274	-1.9	90.0406904	16.6	90.0044306	0.0	92.2442905	2.5	89.2275641	-3.3	80.9468858	-9.3	74.6103935	-7.8	82.388101	10.4	122.072367	48.2	121.745472	-0.3	119.042897	-2.2		
	Footwear for children summer	-	100	82.6664444	-17.3	81.2904841	-1.7	94.7771367	16.6	94.7389696	0.0	118.962813	25.6	111.905962	-5.9	99.0562584	-11.5	87.5875852	-11.6	96.7180908	10.4	97.6603213	1.0	93.3836605	-4.4	90.6406647	-2.9		
	Repair of footwear	0.02	100	100	0.0	100.2546	0.3	100.2546	0.0	100.2546	0.0	100.5719	0.3	100.5719	0.0	100.5719	0.0	100.0065	-0.6	100.0065	0.0	100.0065	0.0	100.0065	0.0	100.1965	0.0		
	Women's shoe heels	-	100	100	0.0	100.2574	0.3	100.2574	0.0	100.2574	0.0	101.0417	0.8	101.0417	0.0	101.0417	0.0	96.2159	-4.8	96.2159	0.0	96.2159	0.0	96.6763	0.5	96.6763	0.0		
	Men's shoe heels	-	100	100	0.0	100.3236	0.3	100.3236	0.0	100.3236	0.0	100.2986	0.0	100.2986	0.0	100.2986	0.0	103.2995	3.0	103.2995	0.0	103.2995	0.0	103.2995	0.0	103.2995	0.0		
	Other repair	-	100	100	0.0	100.2284	0.2	100.2284	0.0	100.2284	0.0	100.486	0.3	100.486	0.0	100.486	0.0	100.486	0.0	100.486	0.0	100.486	0.0	100.486	0.0	100.6266	0.1	100.6266	0.0

Imputed indices summer footwear  
 Imputed indices winter footwear

**Calculation imputation factor**

	Footwear incl repair	0.74	100																										
	Footwear	0.72	100																										
	Footwear for women	0.39	100	89.1073911	-10.9	89.3775524	0.3	105.981317	8.0	106.256045	0.3	118.06819	11.4	115.452391	-2.2	101.504814	-12.1	100.225888	-1.3	106.094711	7.8	109.62399	1.9	109.860376	0.2	99.785696	-9.2		
	Footwear for women all year	-	100	92.2620473	-7.7	98.7410309	7.0	105.981317	7.3	106.256045	0.3	107.739788	1.4	104.757671	-2.8	97.1830242	-7.2	98.4456756	1.3	106.094711	7.8	108.078091	1.9	106.473017	-1.5	100.020242	-6.1		
	Footwear for women winter	-	100	86.0606	-13.9	80.902	-6.0	86.8342214	7.3	87.0593153	0.3	88.2749979	1.4	86.3192665	-2.2	75.8912048	-12.1	74.9350021	-1.3	80.7573046	7.8	111.192	37.7	113.3555	1.9	99.5517	-12.2		
	Footwear for women summer	-	100	89.1073911	-10.9	89.3775524	0.3	95.9312524	7.3	96.1799278	0.3	129.386718	34.5	127.238936	-1.7	106.018796	-16.7	102.038293	-3.8	109.966468	7.8	112.022228	1.9	112.263785	0.2	101.968703	-9.2		
	Footwear for men	0.24	100	89.2248377	-10.8	90.0641543	0.9	100.313959	6.8	100.296488	0.0	109.591696	10.0	109.243127	-0.3	104.5176	-4.3	97.0149441	-7.2	99.8341452	6.1	106.34085	1.6	107.49313	1.1	102.495742	-4.6		
	Footwear for men all year	-	100	88.5690313	-11.4	93.9680996	6.1	100.313959	6.8	100.296488	0.0	100.763379	0.5	100.269205	-0.5	94.7105055	-5.5	94.0592661	-0.7	99.8341452	6.1	101.391579	1.6	99.5611042	-1.8	96.3594499	-3.2		
	Footwear for men winter	-	100	89.8855	-10.1	86.3224	-4.0	92.1519298	6.8	92.1358798	0.0	92.5647825	0.5	92.2703698	-0.3	88.2790325	-4.3	81.9420406	-7.2	86.9729684	6.1	111.5364	28.2	116.0571	4.1	109.0228	-6.1		
	Footwear for men summer	-	100	89.2248377	-10.8	90.0641543	0.9	96.1463724	6.8	96.1296268	0.0	119.1935	24.0	119.0202	-0.1	115.3402	-3.1	100.0635	-13.2	106.207016	6.1	107.863868	1.6	109.03036	1.1	103.961505	-4.6		
	Footwear for children	0.09	100	82.664444	-17.3	81.2904841	-1.7	99.7627363	16.6	99.7225614	0.0	110.265621	10.0	106.659531	-3.3	96.761096	-9.3	89.1866732	-7.8	100.281896	10.4	111.179616	1.0	106.310929	-4.4	103.188216	-2.9		
	Footwear for children all year	-	100	86.8020369	-13.2	85.5666399	-1.4	99.7627363	16.6	99.7225614	0.0	102.204268	2.5	101.659066	-0.5	94.5191132	-7.0	90.8149559	-3.9	100.281896	10.4	101.258846	1.0	92.833134	-8.3	89.4451336	-3.6		
	Footwear for children winter	-	100	78.7278879	-21.3	77.2280274	-1.9	90.0406904	16.6	90.0044306	0.0	92.2442905	2.5	89.2275641	-3.3	80.9468858	-9.3	74.6103935	-7.8	82.388101	10.4	122.072367	48.2	121.745472	-0.3	119.042897	-2.2		
	Footwear for children summer	-	100	82.6664444	-17.3	81.2904841	-1.7	94.7771367	16.6	94.7389696	0.0	118.962813	25.6	111.905962	-5.9	99.0562584	-11.5	87.5875852	-11.6	96.7180908	10.4	97.6603213	1.0	93.3836605	-4.4	90.6406647	-2.9		
	Repair of footwear	0.02	100	100	0.0	100.2546	0.3	100.2546	0.0	100.2546	0.0	100.5719	0.3	100.5719	0.0	100.5719	0.0	100.0065	-0.6	100.0065	0.0	100.0065	0.0	100.0065	0.0	100.1965	0.0		
	Women's shoe heels	-	100	100	0.0	100.2574	0.3	100.2574	0.0	100.2574	0.0	101.0417	0.8	101.0417	0.0	101.0417	0.0	96.2159	-4.8	96.2159	0.0	96.2159	0.0	96.6763	0.5	96.6763	0.0		
	Men's shoe heels	-	100	100	0.0	100.3236	0.3	100.3236	0.0	100.3236	0.0	100.2986	0.0	100.2986	0.0	100.2986	0.0	103.2995	3.0	103.2995	0.0	103.2995	0.0	103.2995	0.0	103.2995	0.0		
	Other repair	-	100	100	0.0	100.2284	0.2	100.2284	0.0	100.2284	0.0	100.486	0.3	100.486	0.0	100.486	0.0	100.486	0.0	100.486	0.0	100.486	0.0	100.486	0.0	100.6266	0.1	100.6266	0.0