TB 12 Thematic Bulletin ISSN 2232-7789

# PRODUCER PRINCE INDEX ON DOMESTIC MARKET OF BOSNIA AND HERZEGOVINA

2011





Sarajevo, 2012

Publisher:	Agency for Statistics of Bosnia and Herzegovina, Zelenih beretki 26, 71000 Sarajevo, Bosnia and Herzegovina Phone: +387 33 91 19 11; Fax: +387 33 22 06 22 E-mail: bhas@bhas.ba; Web: www.bhas.ba
Person Responsible:	Zdenko Milinović, director
Data prepared by:	Rubina Ligata
Design and pre-press:	Lejla Rakić-Bekić
Printed by:	"Avery Publishing" , Sarajevo

### Users are kindly requested to state the data source

#### CONTENT

1.	FOREWORD	5
2.	METHODOLOGICAL EXPLANATIONS AND DEFINITIONS	8
2.1.	Definition of the Producer Price Index	8
2.2.	Purpose	8
2.3.	Producer Price Index in Bosnia and Herzegovina	8
2.4.	Coverage of products and producers	8
2.5.	Data collection	8
2.6.	Weights	9
2.7.	Classification	9
2.8.	Agreggation	9
3.	DATA FOR BOSNIA AND HERZEGOVINA FOR THE YEAR 2011	13
3.1.	Producer Price Index on domestic market of Bosnia and Herzegovina.Year 2011	13
4.	TABLES AND GRAPHS OVERVIEW OF PRODUCER PRICE INDEX DATA IN BOSNIA AND HERZEGOVINA	15
8.	GLOSSARY	35

#### 1. FOREWORD

Bulletin " Producer Price Index on domestic market of Bosnia and Herzegovina" is a regular publication prepared by the Agency for statistics of Bosnia and Herzegovina and it contains a comprehensive overview of official statistical data on the movement of producer prices on domestic market of Bosnia and Herzegovina. The Bulletin is done within the regular activities of the Agency for statistics of Bosnia and Herzegovina on the aggregation and publication of data for the level of Bosnia and Herzegovina, with the main aim to meet relevant European standards of quality, timelines and comperability.

The data and methodological explanations presented in this Bulletin are the result of joint efforts of all three statistical institutes in Bosnia and Herzegovina : Federal Office of Statistics, Republika Srpska Institute of statistics and the Agency for statistics of Bosnia and Herzegovina and it's branch office of Brcko District. Within the CARDS Twinning Project "EU Tehnical assistence to the statistical system of B&H-Phase III", funded by the European Union, we have recieved a consiredable help in the implementation of the unique methodology and data collection at the whole teritory of Bosnia and Herzegovina provided by Italian Statistical Office (ISTAT). We are using this opportunity to expess our greatest gratitude to ISTAT for the efforts invested in our work.

By the Low on statistics of Bosnia and Herzegovina ("Official Gazzette of B&H" No. 34/2002), The BHAS is in charge of production and publishing of aggregated official statistics for the level of Bosnia and Herzegovina in accordance with the Internationally excepted methodology, using the data delievered by entities statistical offices and it's branch office in Brcko District. Data on Producer Price Indices on domestic market in Bosnia and Herzegovina have been collected uniformly since the year 2007, and the first results were published in January 2011 that was the starting point for the regular publication of the data for the level of Bosnia and Herzegovina.

This Bullitin is composed of several segments. At the begging we have presented the methodological explanations and definitions, the results for the year 2011, then the statistical tables and grapical analyses and glossary of used terms.

We would also like to use this opportunity to express our gratitude to the Federal Office for statistics, Republika Srpska Institute of statistics and BHAS branch office in Brcko for providing the necessery data for this publication.

Director

Zdenko Milinović

Methodological explanations

#### 2. METHODOLOGICAL EXPLANATIONS AND DEFINITIONS

#### 2.1. Definition of Producer Price Index

Producer price index is a short-term statistical indicator that represents the measurement of change of prices of industrial products produced and sold by enterprises on the domestic market of Bosnia and Herzegovina.

The Producer price is a price for which producer sells his products to the regular costumers on the domestic market at maximum volume, franco loaded into a wagon (lorry) at the producers location. It includes reimbursements if applicable, and it excludes commercial rabbates, disscounts, VAT and excises.

#### 2.2. Purpose

This statistical indicator serves as the measure of inflation. It can also serve as the indicator of economical perfomances, escalator in long-term contracts, deflator for output values, intermediate consumption, and capital consumption in National Accounts, and as a important tool in creating monetary and fiscal politics.

#### 2.3. Producer Price Index for Bosnia and Herzegovina

PPI in Bosnia and Herzegovina is calculated based on the representative list of products and it's producers making a sample of cca.531 producers and 918 products. Each month 1854 prices are collected directly from producers throug the unique questionnary created in cooperation with Italian experts.

#### 2.4. Coverage of products and producers

The main criterion for selecting the sample of enterprises, products and services that are surveyed was the volume of production and selling on the domestic market got from the Annual survey on Industrial production (IND-21). Entities instites of statistics have created the sample of enterprises and products and the enterprises itself have choosen the items to be priced.

#### 2.5. Data collection

All the data should be submitted to the Entities institutes each month for the period from 21th of the previous to the 20th of current month. The Entities Institutes completes the data entry process and calculates the PPI for the level of Entity and forward the indices to the Agency for statistics of B&H that calculates the index for the state level.

The form for data collecting containes the pre-filled rows from the Register of enterprises, clear description of products, PRODCOM code and detailed description of the products and items within. The enterprise has the obligation to fill the exact detailes of monitored items for which the price is delievered, the prices for previous and current month and the the reasons for price change if it occured.

#### 2.6. Weights

Weights applayed for the calculation of producer price index represent the relative share of selected products in the total value of salles of industrial products on the domestic market. Weights are based on the results of the Annual Survey on Industrial production (IND-21) for the year 2006, but for the state level the weights are based on the relative share of each Entity in the total production also from the year 2006. Each year the weights are price updated.

#### 2.7. Classification

Classification of industrial products is based on the Nomenclature of Industrial Products in B&H 2005 (Official Gazzette of B&H, No.19/06 from March 20,2006) based on the PRODCOM List 2005.

#### 2.8. Aggregation

The first step in calculation of PPI is the calculation of elementary indices at the level of each products, that is the ratio between the current month price and the base price (from December of the previous year). After that the simple geometric mean is applayed. The second step is the calculation of the indices of higher aggregates such as classes, divisions, subsections, sections and overall index using the Laspayeres's formula for the weighted arithmetic mean.

Results for the year 2011

#### 3. DATA FOR THE LEVEL OF BOSNIA AND HERZEGOVINA FOR THE YEAR 2011

Since the collection of data neccessary for the callculation of Producer Price Index for the domestic market of Bosnia and Herzegovina has started in December 2006, it was not possible to calculate the series of reference indices for the year 2005, that is currently used as the base year for the statistical surveys troughout the European Union. For the Year 2011, we have presented the data series of reference index for the domestic market of Bosnia and Herzegovina based on December 2006, whilst theeir analyses if oriented on the largest average monthly and annual movements of producer prices.

#### 3.1. Producer Price Index on domestic market of Bosnia and Herzegovina for the year 2011

If we consider the average movement of the Producer Price Index for the domestic market of Bosnia and Herzegovina, in the year 2011 compered to the base (December 2006) we can see that we have recorded the increase of overall index by 11,1%.

If we take a look on the Main Industrial Groupings (MIG's) it is noticable that we have recorded the average increase of prices of Energy and Intermediate consumption by 14,1%, of Capital products by 7,2%, of Consumer non-durables by 7,0% and of Consumer durables by 0,6%.

The significant price increase, in the same period, was recorded in Section C.Minning and quarreying by 22,2%, D.Manufacture by 10,7% and in E.Production and supply of Electricity, steam and hot water by 7,2%.

If we consider the subsection, the largest increase of prices in the surveyed period was recorded in DF. Manufacture of coke, refined petroleum products and nuclear fuel by 47,8%, whilst the largest price decrease was recorded in DB. Manufacture of textiles and textile products by 4,6%.

Tables and graphs overview for the Year 2011

#### 4. TABLES AND GRAPHS OF THE PRODUCER PRICE INDICES ON DOMESTIC MARKET OF BOSNIA AND HERZEGOVINA OVERVIEW. YEAR 2011

Table 1. Overall Producer Price Index on domestic market of B&H. Year 2011 (index base:December 2006=100) Table 2. Overall Producer Price Index on domestic market of B&H. Year 2011 Table 3. Monthly Producer Price Index on domestic market of B&H by Main Industrial Groupings (MIG's). Year 2011 Table 4. Monthly Producer Price Index on domestic market of B&H by Sections and sub-Sections of **Economic Activities** Table 5. Monthly Producer Price Index on domestic market of B&H by Sections and sub-Sections of Economic Activities (index base: same month of previous year=100) Table 6. Monthly Producer Price Index on domestic market of B&H by Divisions. Year 2011 (index base: previous month=100) Table 7. Monthly Producer Price Index on domestic market of B&H by Divisions. Year 2011 (index base: same month of previous year=100) Graph 1. Overall Producer Price Index on domestic market of B&H. Year 2011 (index base:December 2006=100) Graph 2. Producer Price Index on domestic market of B&H by Main Industrial Groupings (MIG's). Year 2011 (December 2006=100) Graph 3. Producer Price Index on domestic market of B&H by Sections and sub-Sections of Economic Activities (December 2006=100) Graph 4. Overall Producer Price Index on domestic market of B&H. Year 2011 (index base:previous month =100) Graph 5. Producer Price Index on domestic market of B&H by Main Industrial Groupings (MIG's). Year 2011 (index base: previous month=100) Producer Price Index on domestic market of B&H by Divisions. Year 2011 (index base: previous Graph 6. month=100)

	I	Ш	ш	IV	v	VI	VII	VIII	IX	х	хі	XII	Ø2011
				Ove	erall Prod	ucer Pric	e Index						
Overall Index	110.4	111.4	112.0	109.6	109.2	109.6	111.8	111.5	111.9	111.9	112.1	111.7	111.1
			Produ	icer price	Index by	/ Main In	dustrial (	Grouping	S				
Energy	112.7	114.8	114.6	108.7	109.3	109.6	115.5	116.0	116.2	116.9	117.6	117.3	114.1
Intermediate consumption	113.7	115.2	116.3	115.7	114.0	114.3	114.3	113.4	113.9	113.3	112.8	112.2	114.1
Capital products	107.2	107.1	107.0	106.9	106.9	106.9	107.4	107.4	107.6	107.4	107.4	106.9	107.2
Consumer durables	100.8	100.8	100.8	100.8	100.8	100.2	100.3	100.3	100.6	100.6	100.6	100.6	100.6
Consumer non- durables	105.8	106.2	106.8	107.2	106.8	106.8	107.2	107.3	107.1	107.4	107.6	107.5	107.0
			Prod	ucer Price	e Index by	y section:	s and sub	-Section	5				
C. Minning and quarrying	115.5	121.1	120.8	121.0	120.9	121.5	122.6	123.7	124.3	125.5	125.3	124.4	122.2
CA Minning and quarrying of Energy producing materials CB Minning and	118.3	124.9	124.6	124.7	124.5	125.6	127.0	128.3	129.1	130.8	130.5	129.4	126.5
quarrying except of Energy producing materials	103.8	105.6	105.1	105.8	106.3	105.1	105.1	105.1	105.1	104.4	104.3	104.6	105.0
D. Manufacture	110.1	110.8	111.6	111.5	110.5	110.8	111.0	110.5	110.8	110.7	110.5	110.0	110.7
DA Manufacture of food products, beverages and tobacco	112.2	113.8	115.4	115.6	115.0	114.9	115.1	114.9	114.1	113.6	113.6	113.4	114.3
DB Manufacture of textiles and textile products	96.6	95.2	94.1	93.9	95.2	95.4	95.9	95.5	95.7	95.7	96.1	95.5	95.4
DC Manufacture of leather and leather products	102.5	102.4	102.4	102.7	102.5	102.7	103.2	102.8	102.8	102.6	102.3	102.0	102.6
DD Manufacture of wood and wood products	104.5	105.3	105.3	105.7	105.5	105.5	105.2	105.0	104.8	104.4	104.5	104.0	105.0
DE Manufacture of pulp, paper and paper products; publishing and printing	104.5	103.8	104.4	104.1	103.6	103.4	102.9	102.8	103.3	102.6	103.2	103.0	103.5
DF Manufacture of coke, refined petroleum products and nuclear fuel	145.7	147.0	141.2	140.9	147.1	147.2	148.6	147.8	150.5	151.2	152.0	154.3	147.8
DG Manufacture of chemicals, chemical products and man- made fibres	95.3	95.2	96.0	95.0	96.2	96.5	96.3	97.4	97.2	100.9	101.1	99.3	97.2
DH Manufacture of rubber and plastic products	96.6	98.8	99.2	98.7	98.6	98.5	98.9	98.4	98.5	98.4	98.7	98.6	98.5

## Table 1. Monthly Producer price Index on domestic market of Bosnia and Herzegovina. Year2011 (Index base: December 2006 = 100)

	I	Ш	Ш	IV	v	VI	VII	VIII	IX	х	XI	XII	Ø2011
DI Manufacture of other non-metallic mineral products	121.7	121.8	121.8	121.9	122.1	121.7	122.0	121.2	121.1	121.1	120.9	121.1	121.5
DK Manufacture of machinery and equipment n.e.c.	112.5	112.8	113.5	112.1	108.8	110.8	111.8	110.2	111.6	111.9	111.4	110.1	111.5
DL Manufacture of electrical and optical equipment	106.1	106.1	106.1	106.1	106.1	105.2	106.8	106.8	106.8	106.8	106.8	106.8	106.4
DM Manufacture of transport equipment	122.5	120.0	124.5	125.7	121.9	116.5	112.7	110.7	123.2	115.8	111.0	108.9	117.8
DN Manufacture n.e.c.	107.1	107.4	107.0	107.4	107.4	107.4	107.7	107.7	107.7	107.7	107.8	107.8	107.5
E.Electricity, Gas and Water Supply	109.4	109.4	109.4	98.6	99.6	99.6	109.5	109.5	109.5	109.7	111.2	111.2	107.2
EA Electricity, Gas and Water Supply	109.4	109.4	109.4	98.6	99.6	99.6	109.5	109.5	109.5	109.7	111.2	111.2	107.2

				Produ	icer Price	Index by	Division	s					
10 Minning of coal and lignite;extraction of	118.3	124.9	124.6	124.7	124.5	125.6	127.0	128.3	129.1	130.8	130.5	130.5	126.6
13 Minning of metal ores	102.4	104.5	102.2	106.6	107.6	104.0	103.8	104.4	103.9	101.4	100.6	100.6	103.5
14 Other minning and quarrying	104.0	105.7	106.0	104.9	105.0	105.0	105.0	104.9	105.0	105.2	105.4	105.4	105.1
15 Manufacture of food product and beverages	114.0	115.8	117.5	117.6	116.9	116.8	117.1	116.8	116.0	115.4	115.3	115.3	116.2
16 Manufacture of tobacco products	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.4	95.4	95.4	95.4	95.4	95.5
17 Manufacture of textiles	101.3	101.3	101.3	101.3	102.6	103.0	103.0	102.7	103.0	103.0	103.0	103.0	102.4
18 Manufacture of wearing apparel; dressing and dyeing of fur	93.0	90.9	89.2	88.8	89.9	90.1	90.9	90.5	90.6	90.7	91.1	91.1	90.6
19 Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness and footwear	102.5	102.4	102.4	102.7	102.5	102.7	103.3	102.8	102.8	102.6	102.3	102.3	102.6
20 Manufacture of wood and products and wood and cork, except furniture; manufacture of articles of straw and plaiting materials	104.5	105.3	105.3	105.7	105.5	105.5	105.2	105.0	104.8	104.4	104.5	104.5	105.0
21 Manufacture of pulp, paper and paper products	108.9	107.8	109.2	108.1	107.8	107.5	106.7	106.7	107.8	106.4	107.1	107.1	107.6

	I	П	ш	IV	v	VI	VII	VIII	IX	х	ХІ	XII	Ø2011
22 Publishing, printing and reproduction of recorded media	98.3	98.0	97.9	98.4	97.7	97.7	97.7	97.4	97.2	97.2	97.7	97.7	97.7
23 Manufacture of coke, refined petroleum products and nuclear fuel	145.7	147.0	141.2	140.9	147.1	147.2	148.6	147.8	150.5	151.2	152.0	152.0	147.6
24 Manufacture of chemicals and chemical products	95.3	95.2	96.0	95.0	96.2	96.5	96.3	97.4	97.2	100.9	101.1	101.1	97.4
25 Manufacture of rubber and plastic products	96.6	98.8	99.2	98.7	98.6	98.5	98.9	98.4	98.5	98.4	98.7	98.7	98.5
26 Manufacture of other non-metallic mineral products	121.7	121.8	121.8	121.9	122.1	121.7	122.0	121.2	121.1	121.1	120.9	120.9	121.5
27 Manufacture of basic metals 28 Manufacture of	112.2	112.0	113.1	111.3	106.2	109.1	110.2	107.7	109.4	109.5	109.0	109.0	109.9
fabricated metal products, except machinery and equipment	112.3	113.1	113.2	112.6	112.3	112.6	113.1	113.4	114.0	114.5	114.3	114.3	113.3
29 Manufacture of machinery and equipment n.e.c.	106.1	106.1	106.1	106.1	106.1	105.2	106.8	106.8	106.8	106.8	106.8	106.8	106.4
30 Manufacture of office machinery and computers	104.8	100.0	100.9	97.1	97.2	96.7	98.7	97.8	102.8	99.8	97.2	97.2	99.2
31 Manufacture of electrical machinery and apparatus n.e.c.	138.4	136.6	144.4	149.2	142.1	132.0	123.5	120.2	140.8	128.8	121.2	121.2	133.2
32 Manufacture of radio, television and communication equipment and apparatus	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9
33 Manufacture of medical, precision and optical instruments, watches and clocks	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
34 Manufacture of motor vehicles, trailers and semi- trailers	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
35 Manufacture of other transport equipment	147.9	150.9	147.1	150.4	150.4	150.8	152.3	152.3	152.4	152.4	153.0	153.0	151.1
36 Manufacture of furniture; manufacturing n.e.c.	100.2	100.3	100.3	100.3	100.3	100.3	100.4	100.4	100.8	100.8	100.8	100.8	100.5
37 Recycling	92.0	94.6	95.7	94.6	95.8	95.7	95.4	95.0	94.5	93.7	92.2	92.2	94.3
40 Elelctricity,gas, steam and hot water supply	109.4	109.4	109.4	98.6	99.6	99.6	109.5	109.5	109.5	109.7	111.2	111.2	107.2

	I	Ш	ш	IV	v	VI	VII	VIII	к	х	хі	ХІІ	Ø2011
				I	Previous	month =	100						
Overall Index	100.2	100.9	100.5	97.9	99.6	100.4	102.0	99.7	100.4	100.0	100.2	99.6	100.1
				Same n	nonth of	previous	year = 10	00					
Overall Index	103.5	104.3	105.1	104.1	103.1	104.0	105.8	104.9	104.5	102.2	102.2	101.4	103.7

### Table 2. Monthly overall Producer Price Index on domestic market of Bosnia and Herzegovina.Year 2011

### Table 3. Monthly Producer Price Index on domestic market of Bosnia and Herzegovina byMain Industrial Groupings. Year 2011

						-	-						
Main Industrial Grouping	Ι	II	Ш	IV	v	VI	VII	VIII	IX	х	XI	XII	Ø2011
				I	Previous	month =	100						
Energy	100.2	101.9	99.8	94.9	100.6	100.3	105.4	100.4	100.2	100.6	100.6	99.7	100.4
Intermediate consumption	102.8	101.3	101.0	99.5	98.5	100.3	100.0	99.2	100.4	99.5	99.6	99.5	100.1
Capital products	103.3	99.9	99.9	99.9	100.0	100.0	100.5	100.0	100.2	99.8	100.0	99.5	100.2
Consumer durables	98.8	100.0	100.0	100.0	100.0	99.4	100.1	100.0	100.3	100.0	100.0	100.0	99.9
Consumer non- durables	96.7	100.4	100.6	100.4	99.6	100.0	100.4	100.1	99.8	100.3	100.2	99.9	99.9
				Same n	nonth of	previous	year = 10	00					
Energy	101.9	103.5	103.7	103.9	103.9	103.8	109.3	109.5	109.5	103.6	104.3	104.3	105.1
Intermediate consumption	109.6	111.2	111.4	108.4	105.1	106.7	106.5	105.0	103.9	103.6	103.3	101.4	106.4
Capital products	105.8	104.0	103.8	103.9	103.7	103.6	104.4	104.2	104.1	103.9	103.8	103.0	104.0
Consumer durables	99.7	100.1	100.1	100.1	100.1	99.3	99.0	99.5	99.4	99.3	98.7	98.6	99.5
Consumer non- durables	98.1	98.8	100.3	101.6	101.9	102.7	102.5	101.5	100.5	99.5	98.8	98.3	100.4

## Table 4. Monthly Producer Price Index on domestic market of Bosnia and Herzegovina by<br/>sections and sub-sections. Year 2011 (index base: previous month=100)

Section and subsection	I	Ш	ш	IV	v	VI	VII	VIII	IX	х	XI	XII	Ø2011
C. Minning and quarrying	99.7	104.8	99.8	100.2	99.9	100.5	100.9	100.9	100.5	101.0	99.8	99.3	100.6
CA Minning and quarrying of Energy producing materials	99.8	105.6	99.8	100.1	99.8	100.9	101.1	101.0	100.6	101.3	99.8	99.2	100.7
CB Minning and quarrying except of Energy producing materials	99.1	101.7	99.5	100.7	100.5	98.9	100.0	100.0	100.0	99.3	99.9	100.3	100.0
D. Manufacture	104.9	100.6	100.7	99.9	99.1	100.3	100.2	99.5	100.3	99.9	99.8	99.5	100.4
DA Manufacture of food products, beverages and tobacco	102.8	101.4	101.4	100.2	99.5	99.9	100.2	99.8	99.3	99.6	100.0	99.8	100.3
DB Manufacture of textiles and textile products	101.2	98.6	98.8	99.8	101.4	100.2	100.5	99.6	100.2	100.0	100.4	99.4	100.0
DC Manufacture of leather and leather products	101.1	99.9	100.0	100.3	99.8	100.2	100.5	99.6	100.0	99.8	99.7	99.7	100.0
DD Manufacture of wood and wood products	98.0	100.8	100.0	100.4	99.8	100.0	99.7	99.8	99.8	99.6	100.1	99.5	99.8
DE Manufacture of pulp, paper and paper products; publishing and printing	102.6	99.3	100.6	99.7	99.5	99.8	99.5	99.9	100.5	99.3	100.6	99.8	100.1
DF Manufacture of coke, refined petroleum products and nuclear fuel	155.2	100.9	96.1	99.8	104.4	100.1	101.0	99.5	101.8	100.5	100.5	101.5	105.1
DG Manufacture of chemicals, chemical products and man- made fibres	96.8	99.9	100.8	99.0	101.3	100.3	99.8	101.1	99.8	103.8	100.2	98.2	100.1
DH Manufacture of rubber and plastic products	97.9	102.3	100.4	99.5	99.9	99.9	100.4	99.5	100.1	99.9	100.3	99.9	100.0
DI Manufacture of other non-metallic mineral products	99.1	100.1	100.0	100.1	100.2	99.7	100.2	99.3	99.9	100.0	99.8	100.2	99.9
DJ Manufacture of basic metals i metalnih proizvoda	117.7	100.3	100.6	98.8	97.1	101.8	100.9	98.6	101.3	100.3	99.6	98.8	101.3
DK Manufacture of machinery and equipment n.e.c.	101.0	100.0	100.0	100.0	100.0	99.2	101.5	100.0	100.0	100.0	100.0	100.0	100.1
DL Manufacture of electrical and optical equipment	112.6	98.0	103.8	101.0	97.0	95.6	96.7	98.2	111.3	94.0	95.9	98.1	100.2
DM Manufacture of transport equipment	106.0	100.3	99.6	100.4	100.0	100.0	100.3	100.0	100.0	100.0	100.1	100.0	100.6

	I	Ш	ш	IV	v	VI	VII	VIII	IX	х	хі	XII	Ø2011
DN Manufacture n.e.c.	105.5	100.9	100.4	99.6	100.5	99.9	100.0	99.8	100.2	99.8	99.5	99.9	100.5
E. Electricity, Gas and Water Supply	101.5	100.0	100.0	90.1	101.0	100.0	109.9	100.0	100.0	100.2	101.4	100.0	100.3
EA Electricity, Gas and Water Supply	101.5	100.0	100.0	90.1	101.0	100.0	109.9	100.0	100.0	100.2	101.4	100.0	100.3

## Table 5. Monthly Producer Price Index on domestic market of Bosnia and Herzegovina bysections and sub-sections . Year 2011 ( index base: same month of previous year=100)

Section and subsection	I	Ш	ш	IV	v	VI	VII	VIII	IX	х	хі	XII	Ø2011
C. Minning and quarrying	99.7	104.0	104.9	105.7	105.4	106.0	107.0	107.3	107.2	107.6	107.6	107.7	105.8
CA Minning and quarrying of Energy producing materials	99.8	104.8	105.7	106.6	106.2	107.4	108.5	108.6	108.8	109.5	109.2	109.4	107.0
CB Minning and quarrying except of Energy producing materials	99.1	101.2	101.1	101.6	102.0	100.6	100.7	101.0	101.0	100.3	100.3	100.9	100.8
D.Manufacture	104.9	105.4	106.2	105.3	103.7	104.8	104.6	103.3	102.4	101.9	101.5	100.1	103.7
DA Manufacture of food products, beverages and tobacco	102.8	104.7	107.2	108.4	108.5	108.5	107.5	105.6	102.5	100.6	99.6	98.6	104.6
DB Manufacture of textiles and textile products	101.2	101.6	100.6	100.2	101.3	102.0	102.8	103.2	102.5	102.4	102.0	101.6	101.8
DC Manufacture of leather and leather products	101.1	101.0	100.9	101.2	100.6	100.9	101.3	101.0	100.8	100.6	100.5	99.8	100.8
DD Manufacture of wood and wood products	98.0	99.8	99.8	100.3	100.9	100.7	100.3	100.5	100.2	99.9	100.3	99.6	100.0
DE Manufacture of pulp, paper and paper products; publishing and printing	102.6	101.7	102.4	101.8	102.3	100.9	99.9	99.2	100.6	99.7	99.6	99.1	100.8
DF Manufacture of coke, refined petroleum products and nuclear fuel	155.2	146.3	142.8	130.3	134.1	110.1	108.2	110.0	110.6	114.0	116.4	115.0	124.4
DG Manufacture of chemicals, chemical products and man- made fibres	96.8	94.8	92.6	94.3	95.6	101.8	101.8	103.5	101.6	106.0	105.4	103.7	99.8
DH Manufacture of rubber and plastic products	97.9	99.9	100.5	99.5	99.8	100.1	103.6	101.2	104.1	102.2	102.4	102.3	101.1
DI Manufacture of other non-metallic mineral products	99.1	99.2	100.0	99.9	100.2	99.8	100.1	99.7	99.6	99.6	99.4	99.6	99.7
DJ Manufacture of basic metals and metal products	117.7	117.6	117.3	108.7	101.1	106.6	107.7	105.4	105.8	107.3	107.8	104.2	108.9
DK Pmanufacture of machinery and equipment n.e.c.	101.0	101.0	101.0	100.9	100.9	100.0	101.3	101.3	101.0	101.0	101.0	101.0	100.9
DL Manufacture of electrical and optical equipment	112.6	113.6	110.6	113.0	106.3	103.6	99.8	98.1	105.8	97.5	93.4	91.1	103.8
DM Manufacture of transport equipment	106.0	101.4	101.0	101.4	101.5	101.5	101.9	101.8	101.9	101.9	102.0	102.0	102.0

	I	Ш	Ш	IV	v	VI	VII	VIII	IX	х	хі	XII	Ø2011
DN Manufacture n.e.c.	105.5	106.2	106.1	105.5	105.1	104.4	104.4	103.7	103.2	103.1	101.0	100.8	104.1
E. Electricity, Gas and Water Supply	101.5	101.5	101.5	98.9	99.3	99.3	109.2	109.2	109.2	100.2	101.6	101.6	102.7
EA Electricity, Gas and Water Supply	101.5	101.5	101.5	98.9	99.3	99.3	109.2	109.2	109.2	100.2	101.6	101.6	102.7

## Table 6. Monthly Producer price Index on domestic market of Bosnia and Herzegovina byDivisions. Year 2011 (index base: previous month=100)

Division	I	Ш	Ш	IV	v	VI	VII	VIII	IX	х	XI	XII	Ø2011
10 Minning of coal and lignite;extraction of	99.8	105.6	99.8	100.1	99.8	100.9	101.1	101.0	100.6	101.3	99.8	100.0	100.8
13 Minning of metal ores	98.6	102.1	97.8	104.3	100.9	96.7	99.8	100.6	99.5	97.6	99.2	100.0	99.8
14 Other minning and quarrying	99.2	101.6	100.3	99.0	100.1	100.0	100.0	99.9	100.1	100.2	100.2	100.0	100.0
15 Manufacture of food product and beverages	103.1	101.6	101.5	100.1	99.4	99.9	100.3	99.7	99.3	99.5	99.9	100.0	100.4
16 Manufacture of tobacco products	104.3	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.3
17 Manufacture of textiles	100.0	100.0	100.0	100.0	101.3	100.4	100.0	99.7	100.3	100.0	100.0	100.0	100.1
18 Manufacture of wearing apparel; dressing and dyeing of fur 19 Tanning and	101.6	97.7	98.1	99.6	101.2	100.2	100.9	99.6	100.1	100.1	100.4	100.0	100.0
dressing of leather; manufacture of luggage, handbags, saddlery, harness and footwear 20 Manufacture of	101.1	99.9	100.0	100.3	99.8	100.2	100.6	99.5	100.0	99.8	99.7	100.0	100.1
wood and products and wood and cork, except furniture; manufacture of articles of straw and plaiting materials	98.0	100.8	100.0	100.4	99.8	100.0	99.7	99.8	99.8	99.6	100.1	100.0	99.8
21 Manufacture of pulp, paper and paper products	103.4	99.0	101.3	99.0	99.7	99.7	99.3	100.0	101.0	98.7	100.7	100.0	100.1
22 Publishing, printing and reproduction of recorded media 23 Manufacture of	101.1	99.7	99.9	100.5	99.3	100.0	100.0	99.7	99.8	100.0	100.5	100.0	100.0
coke, refined petroleum products and nuclear fuel	155.2	100.9	96.1	99.8	104.4	100.1	101.0	99.5	101.8	100.5	100.5	100.0	105.0
24 Manufacture of chemicals and chemical products	96.8	99.9	100.8	99.0	101.3	100.3	99.8	101.1	99.8	103.8	100.2	100.0	100.2
25 Manufacture of rubber and plastic products	97.9	102.3	100.4	99.5	99.9	99.9	100.4	99.5	100.1	99.9	100.3	100.0	100.0
26 Manufacture of other non-metallic mineral products	99.1	100.1	100.0	100.1	100.2	99.7	100.2	99.3	99.9	100.0	99.8	100.0	99.9
27 Manufacture of basic metals	119.9	99.8	101.0	98.4	95.4	102.7	101.0	97.7	101.6	100.1	99.5	100.0	101.4
28 Manufacture of fabricated metal products, except machinery and equipment	113.4	100.7	100.1	99.5	99.7	100.3	100.4	100.3	100.5	100.4	99.8	100.0	101.3
29 Manufacture of mashinery and equipment n.e.c.	101.0	100.0	100.0	100.0	100.0	99.2	101.5	100.0	100.0	100.0	100.0	100.0	100.1

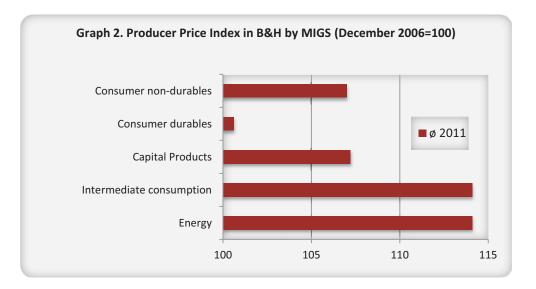
Division	I	Ш	111	IV	v	VI	VII	VIII	IX	х	XI	XII	Ø2011
30 Manufacture of office machinery 31 Manufacture of electrical machinery and apparatus n.e.c.	108.8 117.5	95.4 98.7	100.9 105.7	96.2 103.3	100.1 95.2	99.5 92.9	102.1 93.6	99.1 97.3	105.1 117.1	97.1 91.5	97.4 94.1	100.0 100.0	100.1 100.6
32 Manufacture of radio, television and communication equipment and apparatus	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
33 Manufacture of medical, precision and optical instruments, watches and clocks	101.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.1
34 Manufacture of motor vehicles, trailers and semi- trailers	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
35 Manufacture of other transport equipment	149.4	102.0	97.5	102.2	100.0	100.3	101.0	100.0	100.1	100.0	100.4	100.0	104.4
36 Manufacture of furniture; manufacturing n.e.c.	99.5	100.1	100.0	100.0	100.0	100.0	100.1	100.0	100.4	100.0	100.0	100.0	100.0
37 Recycling	142.0	102.8	101.2	98.9	101.3	99.9	99.7	99.6	99.5	99.2	98.4	100.0	103.5
40 Elelctricity,gas, steam and hot water supply	101.5	100.0	100.0	90.1	101.0	100.0	109.9	100.0	100.0	100.2	101.4	100.0	100.3

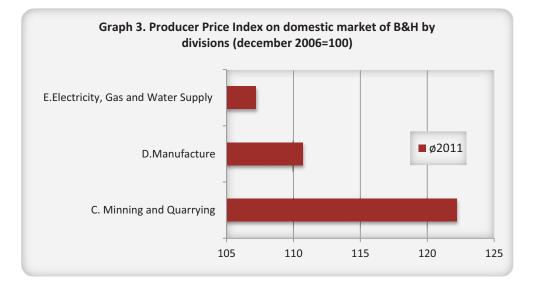
#### Divisions I Ш ш IV v VI VII VIII IX Х XI XII Ø2011 10 Minning of coal and 104.8 109.2 99.8 105.7 106.6 106.2 107.4 108.5 108.6 108.8 109.5 110.3 107.1 lignite; extraction of peat 13 Minning of metal 98.6 101.5 100.3 103.7 104.4 100.5 100.3 101.7 101.4 98.3 97.8 98.5 100.6 ores 14 Other minning 99.2 101.1 101.5 100.7 100.7 100.5 100.6 100.6 100.7 101.0 101.2 101.4 100.8 and quarrying 15 Manufacture of food product and 103.1 105.2 107.9 109.1 108.9 109.0 107.9 106.0 102.7 100.6 99.5 98.5 104.9 beverages 16 Manufacture of tobacco products 104.3 104.1 104.1 104.1 104.1 104.0 104.0 104.1 104.1 104.1 104.0 104.0 104.0 17 Manufacture of 100.0 100.0 99.7 100.0 101.3 101.7 101.7 101.4 102.0 101.7 101.7 101.7 101.1 textiles 18 Manufacture of wearing apparel; 104.3 101.6 102.6 101.2 100.1 101.0 102.0 103.3 102.5 102.6 101.9 102.4 102.1 dressing and dyeing 19 Tanning and dressing of leather; manufacture of 100.6 100.9 101.1 101.0 100.9 101.2 101.4 101.0 100.8 100.6 100.5 100.1 100.8 luggage, handbags, saddlery, harness and footwear 20 Manufacture of wood and products and wood and cork, except furniture; 98.0 99.8 99.8 100.3 100.9 100.7 100.3 100.5 100.2 99.9 100.3 100.1 100.1 manufacture of articles of straw and plaiting materials 21 Manufacture of pulp, paper and 103.4 102.0 103.5 102.1 103.3 101.2 99.6 99.3 101.8 100.2 99.5 99.2 101.3 paper products 22 Publishing, printing and reproduction of 101.1 100.8 100.7 101.2 100.5 100.2 100.3 99.1 98.9 98.9 99.5 99.5 100.1 recorded media 23 Manufacture of coke, refined 155.2 146.3 142.8 130.3 134.1 110.1 108.2 110.0 110.6 114.0 116.4 113.3 124.3 petroleum products and nuclear fuel 24 Manufacture of chemicals and 96.8 94.8 92.6 94.3 95.6 101.8 101.8 103.5 101.6 106.0 105.4 105.5 100.0 chemical products 25 Manufacture of rubber and plastic 97.9 99.9 100.5 99.5 99.8 100.1 103.6 101.2 104.1 102.2 102.4 102.4 101.1 products 26 Manufacture of other non-metallic 99.1 99.2 100.0 99.9 100.2 99.8 100.1 99.7 99.6 99.6 99.4 99.4 99.7 mineral products 27 Manufacture of 119.9 119.0 118.7 109.8 99.0 105.4 106.3 103.4 103.8 105.4 105.5 102.4 108.2 basic metals

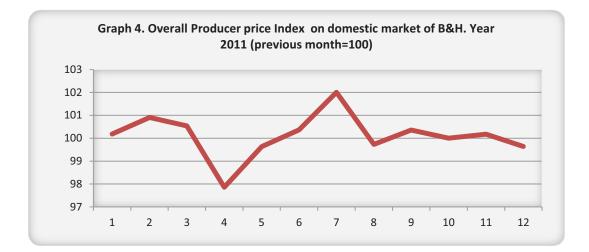
### Table 7. Monthly Producer Price Index indeksi on domestic market in Bosnia and Herzegovina by Divisions. Year 2011 (index base: same month of previous year=100)

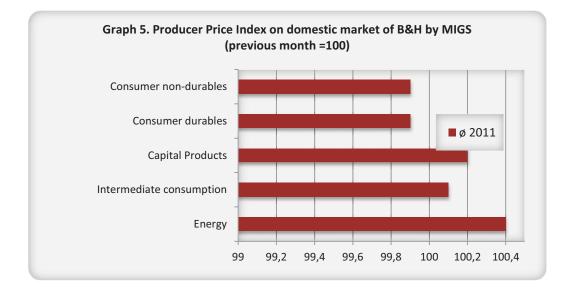
Division	I	Ш	Ш	IV	v	VI	VII	VIII	IX	х	XI	XII	Ø2011
28 Manufacture of fabricated metal products, except machinery and equipment	113.4	114.0	114.2	106.6	104.4	107.6	108.9	107.8	108.1	109.0	110.4	109.3	109.5
29 Manufacture of machinery and equipment n.e.c.	101.0	101.0	101.0	100.9	100.9	100.0	101.3	101.3	101.0	101.0	101.0	101.0	100.9
30 Manufacture of office machinery and computers	108.8	98.7	97.2	98.4	96.2	93.6	101.5	99.3	100.8	97.8	95.8	92.6	98.4
31 Manufacture of electrical machinery and apparatus n.e.c.	117.5	125.6	119.9	123.4	112.7	109.6	98.8	96.8	109.3	96.6	90.9	91.3	107.7
32 Manufacture of radio, television and communication equipment and	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
33 Manufacture of medical, precision and optical instruments, watches and clocks	101.1	102.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	100.0	100.0	101.0
34 Manufacture of motor vehicles, trailers and semi- trailers	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
35 Manufacture of other transport equipment	149.4	90.1	88.2	90.2	90.9	91.1	92.1	92.0	92.8	92.7	92.9	92.9	96.3
36 Manufacture of furniture; manufacturing n.e.c.	99.5	100.0	100.1	100.0	100.1	99.9	99.6	100.2	100.0	99.9	99.2	99.1	99.8
37 Recycling	142.0	140.6	137.7	135.1	130.5	127.4	129.1	123.7	120.8	120.9	113.7	113.8	127.9
40 Elelctricity,gas, steam and hot water supply	101.5	101.5	101.5	98.9	99.3	99.3	109.2	109.2	109.2	100.2	101.6	101.6	102.7

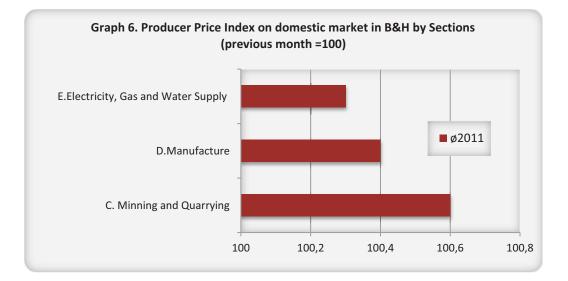




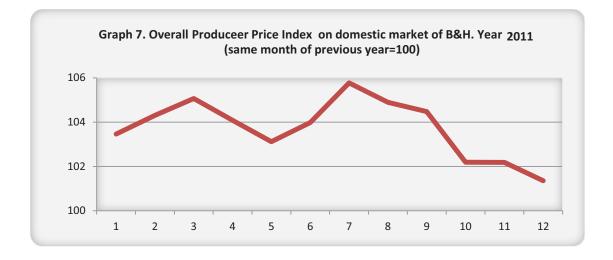


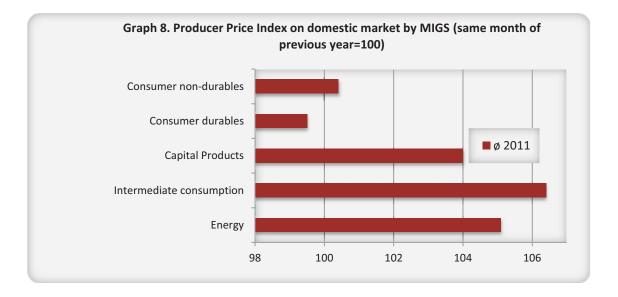


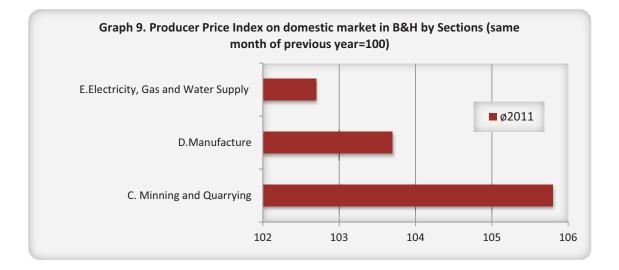




31







Glossary

#### 5. GLOSSARY

**Aggregate (of a classification):** an activity or a commodity within the classification context. In a wide sence phenomena are appropriately classified in elementary items. These items are elementary aggregate.

**Aggregate (of indices):** the synthesis operation on indices. The aggregation of producer price indices manages price relatives and laspeyres indices up to overall inidces.

**Base price:** the base price is the denominator of the rati between the current price (numerator) and the base price.

**Calculus indices:** When indices are chained on a monthly base. The base price is is the price of december of previous year.

Chain indices: indices constructed by chaining (multiplication) by linking coefficients.

**Elementary price:** price reffered to a specific product manufactured by the enterprise, that can be synthesised by geometric mean in order to get the index of elementary product.

Enterprise: survey unit (respondent unit).

**Frequency:** the data collection frequency concernes the number of times at which the data are collected. The dissemination frequency comcernes the data release times.

**Micro data:** elementary units defined as ratio between two prices: the current one and the base price.

Macro data: aggregated indices. Deals with product indices up to overall one.

Questionnaire: the form that is used for data collection..

**Rates of change:** the index rate of change between two times measures. The index increases (or decreases) during the period limited by these times. The month to month rate of change compares the index in the month m and m-1 of the same year y. The twelwe month rate compares the index in the month m of the year y and its corresponding month m in the year y-1.

**Reference year:** the year for which index base is set to 100. The reference base for a chain index is the base that allows the comparison of the calculation base indices.

**Weights system.** Absolute values or value relatives that allow to calculate the producer price indices. For Bosnia and Herzegovina the main source of weights is the Annual survey on industrial production i.e. IND-21 survey that provides all the neccessary SBS data and PRODCOM used to define the nested system of weights. In case of chained indices the weights are annualy price updated.