



~ Methodology ~

EXTERNAL TRADE – EXPORT AND IMPORT PRICE INDICES

LEGAL BASIS

The survey on external trade of goods – export and import price indices is carried out in accordance with the Statistical Programme of Republika Srpska for the period 2013-2017 and the Law on Statistics of Republika Srpska (“Official Gazette of Republika Srpska” No.85/03).

METHODOLOGICAL BASIS

AIM AND CONTENT

The aim of this statistical survey is to present data on external trade of Republika Srpska.

REPORTING UNITS/OBSERVATION UNITS

Data on export and import refer to legal entities with headquarters in Republika Srpska.

METHOD AND PERIOD OF DATA COLLECTION

The source of data for external trade statistics is the Single Administrative Document (SAD) on import and export of goods.

Single Administrative Document is a document submitted by the declarant (business entity or other authorised person, e.g. shipping agent) to the customs office for the customs clearance. Data on customs clearance and data for statistical and other users’ needs are recorded in the Single Administrative Document. Indirect Taxation Agency of Bosnia and Herzegovina - Department for customs is responsible for the collection and control of the validity of the Single Administrative Document. The Republika Srpska Institute of Statistics takes over controlled Single Administrative Documents prepared for automatic data processing from the Indirect Taxation Agency of Bosnia and Herzegovina. The Institute processes these statistically and publishes them in accordance with international recommendations

Coverage

External trade statistics covers entire turnover of goods that are exported and imported from and to the country, homogenous by type, country of origin, destination, method of payment, and time (moment) of border crossing.

In accordance with the European standards, data are covered pursuant to the system of special trade, which means that besides regular export and import, also included are export and import based on refinement process (processing and finishing), while temporary export and import and excluded. Export and import realised by physical entities are excluded from the total value of export and import.

The following records are excluded from the process of calculation of the export and import price indices (unit values):

1. Products without any information about their amount or value or those which do not appear during some of the observation periods;
2. Records whose elementary index value is outside the interval (0.5 - 2), i.e. the interval $[0.5 \cdot \text{median}, 2 \cdot \text{median}]$, where the median is calculated in accordance with the NACE divisions;
3. Electricity – because the calculation is done on the net mass, not on a supplementary unit of measure.

Indices are calculated using the *Paasche* formula:

$$P_{ik}(1Q, Y) = \frac{\sum_{\{cn8\}_k} val(cn8, 1Q, Y)}{\sum_{\{cn8\}_k} \frac{val(cn8, 1Q, Y)}{Ind(cn8, 1Q, Y)}}$$

where:

cn8 – product by the CN classification,

Q - quarter,

Y - year,

Val - value

Ind – elementary index calculated using the following formula:

$$Ind(cn8, 1Q, Y) = \frac{unit_value(cn8, 1Q, Y)}{unit_value(cn8, Y - 1)}$$

(*unit value* – unit value for a given CN, in a given quarter, in a given year).

Base year is 2010.

CLASSIFICATIONS AND NOMENCLATURES

Harmonized Commodity Description and Coding System of the World Customs Organisation (HS) is used for the collection of data on export and import of goods and declaring in the customs procedure.

Indices of external trade are monitored and published in accordance with the Classification of Economic Activities (NACE Rev.2) and Standard International Trade Classification (SITC Rev.4).

PUBLISHING

Data are published for the Republika Srpska level, in quarterly and annual releases entitled "Export and import price indices of Republika Srpska".