

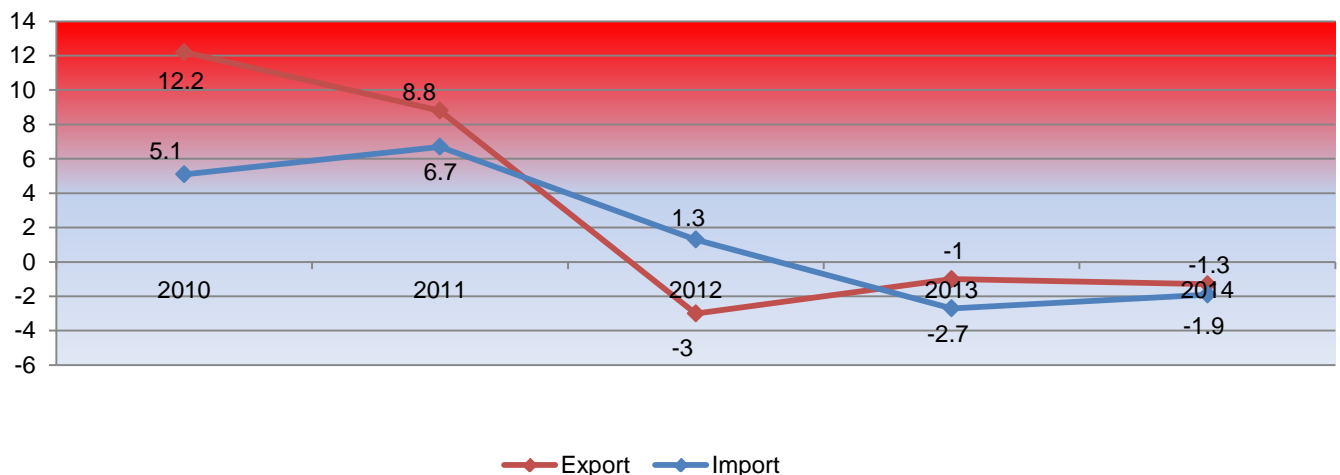
## Unit Value Indices (UVI) of exported and imported goods 2014

Unit values of goods exported from January to December 2014 decreased by 1.3% compared with the same period of previous year.

From January to December 2014, compared with the same period of previous year, unit values of goods imported decreased by 1.9%.

From January to December 2014, when observing chapters of customs tariffs, the highest rise of unit value of goods exported of 77.8% was noticed under Chapter 34: Soap, candles and similar articles, the highest rise of goods imported 84.1% was noticed under Chapter 97: Works of art, collectors' pieces and antiques.

**Chart 1. Growth rate of unit values of goods exported and imported, in %**



**Table 1. Unit value indices of exported and imported goods**

	EXPORT		IMPORT		TRADE RELATIONS	
	<u>2013</u> <u>2012</u>	<u>2014</u> <u>2013</u>	<u>2013</u> <u>2012</u>	<u>2014</u> <u>2013</u>	2013	2014
<b>Total</b>	<b>99.0</b>	<b>98.7</b>	<b>97.3</b>	<b>98.1</b>	<b>101.7</b>	<b>100.6</b>
Live animals; animal products	100.0	100.0	102.8	104.3	97.3	95.9
Meat and edible meat offal	87.6	104.8	99.5	96.7	88.1	108.4
Fish and crustaceans, molluscs and other aquatic invertebrates	100.0	100.0	97.6	101.9	102.5	98.1
Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	99.3	90.8	101.5	98.3	97.9	92.4
Products of animal origin, not elsewhere specified or included		100.0	74.8	99.8	0.0	100.2
Live trees and other plants; bulbs, roots and the like; cut flowers and ornamental foliage	173.2	92.3	101.8	106.0	170.2	87.1
Edible vegetables and certain roots and tubers	101.0	93.8	122.9	109.0	82.2	86.1
Edible fruit and nuts; peel of citrus fruit or melons	81.8	96.1	111.8	105.8	73.1	90.8
Coffee, tea, maté and spices	96.7	96.7	71.1	104.6	136.0	92.5
Cereals	100.0	100.0	92.4	88.7	108.3	112.8
Products of the milling industry; malt; starches; inulin; wheat gluten	87.7	82.3	91.6	93.8	95.7	87.7
Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal plants; straw and fodder	100.0	91.9	93.7	96.7	106.7	95.0
Lac; gums, resins and other vegetable saps and extracts		100.0	93.1	96.0	0.0	104.2
Vegetable plaiting materials; vegetable products not elsewhere specified or included			101.7	82.7	0.0	0.0
Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	84.8	87.0	92.8	81.8	91.3	106.4
Preparations of meat, of fish or of crustaceans, molluscs or other aquatic invertebrates	105.5	105.1	98.9	94.9	106.6	110.7
Sugars and sugar confectionery	100.0	100.0	84.1	90.7	118.9	110.2
Cocoa and cocoa preparations	91.7	103.4	96.0	100.9	95.5	102.5
Preparations of cereals, flour, starch or milk; pastry cooks' products	97.0	101.7	99.5	99.6	97.4	102.2
Preparations of vegetables, fruit, nuts or other parts of plants	91.2	106.2	102.2	100.4	89.3	105.9
Miscellaneous edible preparations	151.9	112.8	98.1	94.7	154.8	119.2
Beverages, spirits and vinegar	98.5	103.9	99.4	100.0	99.1	103.9
Residues and waste from the food industries; prepared animal fodder	92.6	93.3	103.1	93.2	89.8	100.1
Tobacco and manufactured tobacco substitutes	105.6	101.6	104.5	98.8	101.0	102.8
Salt; sulphur; earths and stone; plastering materials, lime and cement	96.7	115.4	97.3	100.0	99.5	115.5
Ores, slag and ash	98.5	106.9	108.2	104.9	91.0	101.9
Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	107.0	97.6	89.4	94.0	119.6	103.9
Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes	100.0	100.0	99.0	100.0	101.0	100.0
Organic chemicals	96.7	100.0	101.0	98.0	95.8	102.1
Pharmaceutical products	93.8	89.5	99.8	102.3	94.0	87.5
Fertilisers			97.8	92.0	0.0	0.0
Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colouring matter; paints and varnishes; putty and other mastics; inks	100.0	97.5	102.5	97.4	97.6	100.0
Essential oils and resinoids; perfumery, cosmetic or toilet preparations	101.1	122.7	100.3	98.8	100.8	124.2
Soap, organic surface-active agents, washing preparations, lubricating preparations, artificial waxes, prepared waxes, polishing or scouring preparations, candles and similar articles, modelling pastes, 'dental waxes' and dental preparations with a basis of plaster	106.1	177.8	96.6	100.0	109.8	177.9
Albuminoidal substances; modified starches; glues; enzymes	100.0	99.0	107.6	102.6	92.9	96.5

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	EXPORT		IMPORT		EXCHANGE RELATIONS	
	<u>2013</u> 2012	<u>2014</u> 2013	<u>2013</u> 2012	<u>2014</u> 2013	2013	2014
Explosives; pyrotechnic products; matches; pyrophoric alloys; certain combustible preparations	94.4	105.8	86.5	128.4	109.2	82.3
Photographic or cinematographic goods	100.0	100.0	106.4	97.1	94.0	103.0
Miscellaneous chemical products	100.0	129.7	105.4	95.7	94.9	135.6
Plastics and articles thereof	101.0	92.1	99.7	100.4	101.3	91.7
Rubber and articles thereof	100.0	100.0	99.7	97.8	100.3	102.2
Raw hides and skins (other than furskins) and leather	109.6	100.2	106.6	103.8	102.9	96.5
Articles of leather; saddlery and harness; travel goods, handbags and similar containers; articles of animal gut (other than silkworm gut)	85.3	111.8	101.6	102.5	83.9	109.0
Furskins and artificial fur; manufactures thereof	100.0	100.0	101.1	101.3	98.9	98.7
Wood and articles of wood; wood charcoal	102.0	96.0	99.2	103.4	102.8	92.8
Cork and articles of cork	100.0	100.0	93.7	122.4	106.7	81.7
Manufactures of straw, of esparto or of other plaiting materials; basketware and wickerwork	100.0	100.0	85.5	98.2	117.0	101.8
Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	98.2	101.0	100.0	100.0	98.2	101.0
Paper and paperboard; articles of paper pulp, of paper or of paperboard	107.0	100.6	97.0	99.6	110.3	101.0
Printed books, newspapers, pictures and other products of the printing industry; manuscripts, typescripts and plans	102.2	100.3	104.9	99.1	97.4	101.2
Silk	100.0		184.2	64.1	54.3	0.0
Wool, fine or coarse animal hair; horsehair yarn and woven fabric	100.0	71.1	91.7	118.2	109.0	60.2
Cotton	100.0	100.0	101.1	105.0	98.9	95.3
Other vegetable textile fibres; paper yarn and woven fabrics of paper yarn	100.0	100.0	91.3	137.7	109.5	72.6
Man-made filaments; strip and the like of man-made textile materials	100.0	100.0	94.6	100.9	105.7	99.1
Man-made staple fibres	100.0	100.0	91.5	96.0	109.3	104.2
Adding, felt and nonwovens; special yarns; twine, cordage, ropes and cables and articles thereof	124.5	73.8	101.0	95.7	123.2	77.1
Carpets and other textile floor coverings	100.0	100.0	96.5	99.7	103.6	100.3
Special woven fabrics; tufted textile fabrics; lace; tapestries; trimmings; embroidery	100.0	100.0	98.3	100.0	101.8	100.0
Impregnated, coated, covered or laminated textile fabrics; textile articles of a kind suitable for industrial use	100.0	100.0	88.3	108.1	113.2	92.5
Knitted or crocheted fabrics	100.0	100.0	113.7	99.5	88.0	100.5
Articles of apparel and clothing accessories, knitted or crocheted	92.6	100.0	100.7	100.5	91.9	99.5
Articles of apparel and clothing accessories, not knitted or crocheted	109.7	124.4	100.6	101.1	109.0	123.1
Other made-up textile articles; sets; worn clothing and worn textile articles; rags	138.7	100.0	100.1	98.3	138.6	101.7
Footwear, gaiters and the like; parts of such articles	97.7	101.3	100.4	100.9	97.3	100.4
Headgear and parts thereof	84.0	100.0	89.6	102.2	93.7	97.8
Umbrellas, sun umbrellas, walking sticks, seat-sticks, whips, riding-crops and parts thereof	124.9	100.0	106.9	99.2	116.8	100.8
Prepared feathers and down and articles made of feathers or of down; artificial flowers; articles of human hair	100.0	100.0	92.3	101.0	108.3	99.0
Articles of stone, plaster, cement, asbestos, mica or similar materials	101.1	83.2	102.4	97.5	98.7	85.3
Ceramic products	94.0	85.6	95.7	101.6	98.2	84.3
Glass and glassware	94.4	104.5	102.1	98.2	92.5	106.4
Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	85.9	77.9	97.9	113.1	87.7	68.9
Iron and steel	89.4	95.1	95.0	96.2	94.1	98.8

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	EXPORT		IMPORT		EXCHANGE RELATIONS	
	<u>2013</u> 2012	<u>2014</u> 2013	<u>2013</u> 2012	<u>2014</u> 2013	2013	2014
Iron and steel	94.9	96.5	97.7	99.9	97.2	96.6
Copper and articles thereof	89.3	95.1	99.0	92.5	90.3	102.8
Nickel and articles thereof			97.1	100.0	0.0	0.0
Aluminium and articles thereof	98.5	101.8	96.1	99.9	102.5	101.9
Lead and articles thereof	105.6	101.8	99.5	99.7	106.1	102.1
Zinc and articles thereof	104.6	84.0	97.3	100.9	107.5	83.2
Tin and articles thereof	100.0	100.0	124.3	99.9	80.5	100.1
Other base metals; cermets; articles thereof	100.0	98.1	100.0	100.0	100.0	98.1
Tools, implements, cutlery, spoons and forks, of base metal; parts thereof of base metal	83.3	122.7	101.6	100.6	82.0	122.0
Miscellaneous articles of base metal	90.1	93.6	101.1	100.4	89.1	93.2
Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	98.4	95.6	98.9	99.9	99.5	95.8
Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	122.1	95.7	99.9	98.5	122.2	97.1
Railway or tramway locomotives, rolling stock and parts thereof; railway or tramway track fixtures and fittings and parts thereof; mechanical (including electromechanical) traffic signalling equipment of all kinds	100.0	100.0	100.1	100.2	99.9	99.8
Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	89.9	91.5	99.5	99.2	90.4	92.2
Aircraft, spacecraft, and parts thereof	79.7	89.5	100.0	99.7	79.7	89.7
Ships, boats and floating structures	95.0	94.5	99.7	99.6	95.3	94.9
Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	100.0	100.0	100.2	100.7	99.8	99.3
Clocks and watches and parts thereof	100.0	100.0	99.7	101.3	100.4	98.7
Musical instruments; parts and accessories of such articles	100.0	100.0	98.2	72.4	101.8	138.0
Arms and ammunition; parts and accessories thereof	89.6	137.6	108.9	100.0	82.3	137.7
Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; lamps and lighting fittings, not elsewhere specified or included; illuminated signs, illuminated nameplates and the like; prefabricated buildings	93.0	95.6	101.1	102.7	91.9	93.1
Toys, games and sports requisites; parts and accessories thereof	146.0	80.6	94.4	108.9	154.7	74.0
Miscellaneous manufactured articles	98.2	101.0	98.8	63.2	99.5	159.8
Works of art, collectors' pieces and antiques	66.7	100.0	169.1	184.1	39.4	54.3

## METHODOLOGICAL EXPLANATIONS

Unit value indices of exported and imported goods are aimed at analytical measuring the dynamics of unit values of export and import, and they are also used as a deflator in Gross Domestic Product calculation.

The data source for unit value index calculation are collective customs declarations on export and import of goods which are monthly transmitted to Statistical Office of Montenegro by Customs Administration of Montenegro, and used for regular statistical survey in the foreign trade of Montenegro.

Indices of exported and imported prices are calculated as Unit Value Indices (UVI), i.e. changes indices of export and import values per quantity unit of products exported and imported, i.e. per kilogram as a standard and comparable quantity unit for all products.

Indices are calculated by Fisher formula, as an arithmetic average between Laspeyres and Paasche formulas, i.e.

Laspeyres index  $= (\sum p_1 * q_0 / \sum p_0 * q_0) * 100$ ,

Paasche index  $= (\sum p_1 * q_1 / \sum p_0 * q_1) * 100$  i

Fisher index =  $\sqrt{\text{Laspeyres} * \text{Paasche}}$

Where:

$p_0$  unit value from previous period,  
 $p_1$  unit value from current period,  
 $q_0$  quantity from previous period and  
 $q_1$  quantity from current period.

Relations of exchange are relations between export and import of unit values.

Processing excludes products with the value under 1 000 EUR, where is unit value of current year twice or more higher in comparison with previous year and vice versa, where is the quantity of current year 10 times or more higher in comparison with previous year and vice versa.

The data are presented by chapters of customs tariff, i.e. Harmonised system of names and codes of goods.

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