

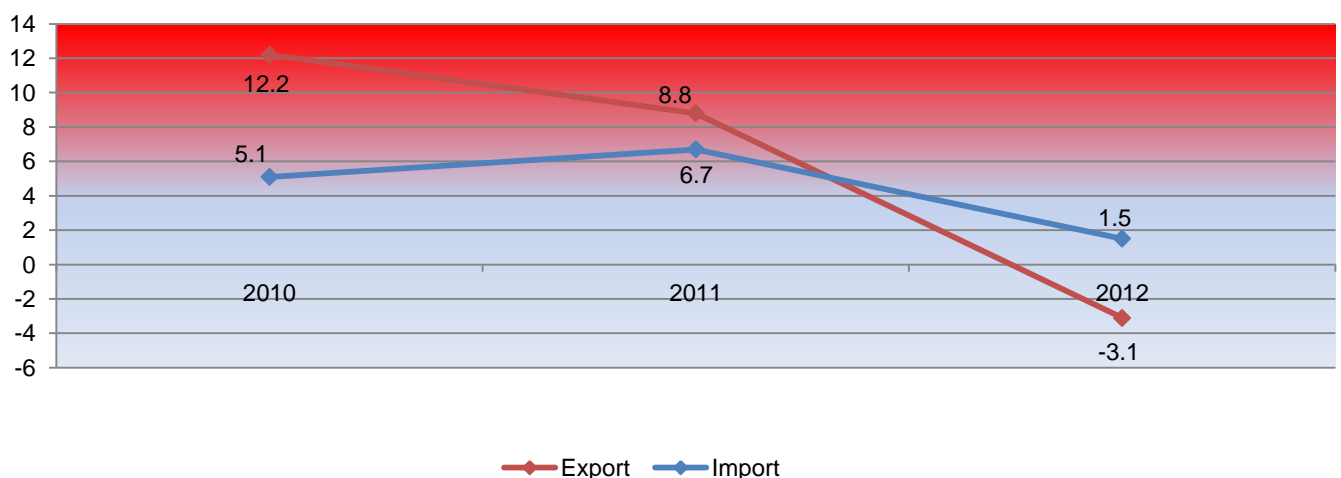
## Unit Value Indices (UVI) of exported and imported goods 2012

Unit values of goods exported from January to December 2012 drop by 3.1% compared with the same period of previous year.

From January to December 2012, compared with the same period of previous year, unit values of goods imported increased by 1.5%.

From January to December 2012, when observing chapters of customs tariffs, the highest rise of unit value of goods exported of 85.5% was noticed under Chapter 63: Other made-up textile articles; sets; worn clothing and worn textile articles; rags, the highest rise of 27.9% was noticed under Chapter 60: Knitted or crocheted fabrics.

**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>2011</u> <u>2010</u>	<u>2012</u> <u>2011</u>	<u>2011</u> <u>2010</u>	<u>2012</u> <u>2011</u>	2011	2012
<b>Total</b>	<b>108.8</b>	<b>96.9</b>	<b>106.7</b>	<b>101.5</b>	<b>102.0</b>	<b>95.5</b>
Live animals; animal products	120.0	100.0	113.6	101.9	105.7	98.2
Meat and edible meat offal	101.0	102.3	105.8	102.9	95.5	99.4
Fish and crustaceans, molluscs and other aquatic invertebrates	108.7	139.8	107.2	107.0	101.3	130.7
Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	100.0	100.0	102.2	97.1	97.9	103.0
Products of animal origin, not elsewhere specified or included			96.0	102.5	0.0	0.0
Live trees and other plants; bulbs, roots and the like; cut flowers and ornamental foliage	112.2	100.0	99.3	106.9	113.0	93.5
Edible vegetables and certain roots and tubers	98.7	88.1	106.4	100.9	92.8	87.3
Edible fruit and nuts; peel of citrus fruit or melons	109.1	96.5	106.4	105.6	102.5	91.4
Coffee, tea, maté and spices	106.8	100.7	127.6	101.6	83.7	99.1
Cereals	100.0	100.0	126.3	101.3	79.2	98.7
Products of the milling industry; malt; starches; inulin; wheat gluten	148.6	116.3	118.0	92.3	125.9	126.0
Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal plants; straw and fodder	112.5	121.1	90.8	103.0	123.9	117.6
Lac; gums, resins and other vegetable saps and extracts			101.3	103.1	0.0	0.0
Vegetable plaiting materials; vegetable products not elsewhere specified or included	100.0		112.9	82.0	88.5	0.0
Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	120.7	108.8	124.8	100.0	96.7	108.8
Preparations of meat, of fish or of crustaceans, molluscs or other aquatic invertebrates	103.7	99.4	103.0	103.5	100.7	96.0
Sugars and sugar confectionery	101.4	86.5	127.8	89.7	79.4	96.5
Cocoa and cocoa preparations	109.0	83.8	104.6	103.6	104.1	80.9
Preparations of cereals, flour, starch or milk; pastry cooks' products	119.8	98.0	108.3	100.8	110.5	97.3
Preparations of vegetables, fruit, nuts or other parts of plants	102.8	101.9	105.6	102.2	97.4	99.8
Miscellaneous edible preparations	111.9	107.7	100.2	103.7	111.8	103.9
Beverages, spirits and vinegar	112.9	106.3	103.3	100.8	109.3	105.5
Residues and waste from the food industries; prepared animal fodder	103.1	105.2	117.0	106.7	88.2	98.6
Tobacco and manufactured tobacco substitutes	100.0	105.3	103.7	109.0	96.4	96.6
Salt; sulphur; earths and stone; plastering materials, lime and cement	106.2	100.9	92.9	105.5	114.3	95.6
Ores, slag and ash	93.7	90.0	107.8	95.6	87.0	94.2
Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	111.6	109.2	126.6	103.8	88.1	105.3
Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes	100.0	100.0	102.7	91.0	97.4	109.8
Organic chemicals	102.1	100.0	105.3	97.5	96.9	102.6
Pharmaceutical products	107.2	96.2	97.8	101.4	109.6	94.9
Fertilisers	100.0	100.0	101.1	79.6	98.9	125.6
Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colouring matter; paints and varnishes; putty and other mastics; inks	74.8	100.0	104.3	101.7	71.7	98.3
Essential oils and resinoids; perfumery, cosmetic or toilet preparations	100.0	89.2	104.8	101.5	95.4	87.9
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	107.1	69.9	100.8	100.4	106.2	69.6
Albuminoidal substances; modified starches; glues; enzymes	100.0	100.0	99.4	102.0	100.6	98.1

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	EXPORT		IMPORT		TRADE RELATIONS	
	<u>2011</u> <u>2010</u>	<u>2012</u> <u>2011</u>	<u>2011</u> <u>2010</u>	<u>2012</u> <u>2011</u>	2011	2012
Explosives; pyrotechnic products; matches; pyrophoric alloys; certain combustible preparations	99.0	113.7	100.0	90.8	99.0	125.2
Photographic or cinematographic goods	100.0	100.0	100.8	104.2	99.2	96.0
Miscellaneous chemical products	110.6	111.9	99.4	91.6	111.3	122.2
Plastics and articles thereof	107.2	104.9	104.0	102.0	103.1	102.8
Rubber and articles thereof	113.5	171.1	105.3	104.4	107.8	163.8
Raw hides and skins (other than furskins) and leather	123.0	85.7	119.6	118.8	102.8	72.1
Articles of leather; saddlery and harness; travel goods, handbags and similar containers; articles of animal gut (other than silkworm gut)	126.0	156.8	103.5	102.2	121.7	153.3
Furskins and artificial fur; manufactures thereof		100.0	102.5	103.1	0.0	97.0
Wood and articles of wood; wood charcoal	98.1	96.0	101.8	102.5	96.4	93.7
Cork and articles of cork			101.6	99.2	0.0	0.0
Manufactures of straw, of esparto or of other plaiting materials; basketware and wickerwork	100.0	100.0	100.5	95.4	99.5	104.9
Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	131.0	84.1	100.0	100.0	131.0	84.1
Paper and paperboard; articles of paper pulp, of paper or of paperboard	102.6	108.7	105.2	99.4	97.6	109.4
Printed books, newspapers, pictures and other products of the printing industry; manuscripts, typescripts and plans	90.8	89.7	98.2	102.3	92.5	87.7
Silk			100.0	100.0	0.0	0.0
Wool, fine or coarse animal hair; horsehair yarn and woven fabric	112.7	103.8	93.3	100.0	120.8	103.8
Cotton	100.0	100.0	109.1	112.4	91.6	89.0
Other vegetable textile fibres; paper yarn and woven fabrics of paper yarn		100.0	100.0	100.0	0.0	100.0
Man-made filaments; strip and the like of man-made textile materials	100.0	100.0	95.6	106.0	104.6	94.3
Man-made staple fibres			103.9	104.1	0.0	0.0
Adding, felt and nonwovens; special yarns; twine, cordage, ropes and cables and articles thereof	100.0	100.0	99.8	105.9	100.2	94.4
Carpets and other textile floor coverings	100.0	100.0	107.2	98.9	93.3	101.1
Special woven fabrics; tufted textile fabrics; lace; tapestries; trimmings; embroidery	100.0	100.0	180.0	73.8	55.6	135.5
Impregnated, coated, covered or laminated textile fabrics; textile articles of a kind suitable for industrial use	100.0	100.0	106.5	95.4	93.9	104.9
Knitted or crocheted fabrics	100.0	100.0	103.0	127.9	97.0	78.2
Articles of apparel and clothing accessories, knitted or crocheted	110.0	110.4	101.6	101.2	108.2	109.1
Articles of apparel and clothing accessories, not knitted or crocheted	89.4	118.6	101.6	101.6	88.0	116.7
Other made-up textile articles; sets; worn clothing and worn textile articles; rags	100.0	185.5	108.7	100.6	92.0	184.4
Footwear, gaiters and the like; parts of such articles	118.4	101.3	101.9	102.2	116.2	99.1
Headgear and parts thereof	81.0	92.6	101.5	101.0	79.8	91.7
Umbrellas, sun umbrellas, walking sticks, seat-sticks, whips, riding-crops and parts thereof	100.0	100.0	111.6	103.9	89.6	96.2
Prepared feathers and down and articles made of feathers or of down; artificial flowers; articles of human hair	100.0	100.0	100.1	92.7	99.9	107.9
Articles of stone, plaster, cement, asbestos, mica or similar materials	106.0	129.8	98.7	104.1	107.4	124.6
Ceramic products	109.0	86.3	102.1	102.4	106.8	84.3
Glass and glassware	101.3	115.6	100.1	100.5	101.2	115.0
Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	100.0	100.0	84.5	110.4	118.3	90.6
Iron and steel	112.8	90.6	103.6	102.8	108.9	88.2

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	EXPORT		IMPORT		TRADE RELATIONS	
	<u>2011</u> 2010	<u>2012</u> 2011	<u>2011</u> 2010	<u>2012</u> 2011	2011	2012
Articles of iron and steel	90.8	103.2	104.0	99.5	87.3	103.7
Copper and articles thereof	105.5	94.7	110.5	102.0	95.5	92.8
Nickel and articles thereof			65.1	81.3	0.0	0.0
Aluminium and articles thereof	109.7	91.6	104.7	96.8	104.8	94.6
Lead and articles thereof	107.4	101.3	87.2	100.5	123.2	100.8
Zinc and articles thereof	93.3	78.1	108.8	92.7	85.8	84.3
Tin and articles thereof		100.0	100.1	109.7	0.0	91.1
Other base metals; cermets; articles thereof		100.0	100.0	100.0	0.0	100.0
Tools, implements, cutlery, spoons and forks, of base metal; parts thereof of base metal	103.8	105.4	101.7	102.0	102.1	103.3
Miscellaneous articles of base metal	111.1	113.5	102.0	101.7	108.9	111.6
Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	103.8	110.0	98.4	100.5	105.5	109.4
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	114.7	99.7	100.9	101.5	113.7	98.2
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	102.0	100.2	98.0	99.8
Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	101.0	96.0	101.6	102.8	99.4	93.4
Aircraft, spacecraft, and parts thereof	143.4	127.9	101.5	100.2	141.3	127.6
Ships, boats and floating structures	110.2	134.2	101.3	101.9	108.8	131.8
Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	100.0	100.0	102.0	100.2	98.0	99.8
Clocks and watches and parts thereof	100.0	100.0	101.7	99.9	98.3	100.1
Musical instruments; parts and accessories of such articles	100.0	100.0	119.0	91.0	84.0	109.9
Arms and ammunition; parts and accessories thereof	102.3	86.8	99.7	115.9	102.6	74.8
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	91.8	93.5	102.2	102.4	89.8	91.2
Toys, games and sports requisites; parts and accessories thereof	99.8	100.0	103.3	102.7	96.6	97.4
Miscellaneous manufactured articles	53.1	126.6	98.6	102.3	53.8	123.7
Works of art, collectors' pieces and antiques	100.0	125.0	151.7	69.5	65.9	179.8

## 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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