

Unit Value Indices (UVI) of exported and imported goods 2016

Unit values of goods exported from January to December 2016 decreased by 5% compared with the same period of previous year.

From January to December 2016, compared with the same period of previous year, unit values of goods imported decreased by 3.1%.

From January to December 2016, when observing chapters of customs tariffs, the highest rise of unit value of goods exported of 94.8% was noticed under Chapter 63: Other made-up textile articles; sets, worn clothing and worn textile articles, the highest rise of goods imported 24.5% was noticed under Chapter 05: Products of animal origin, not elsewhere specified or included.

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

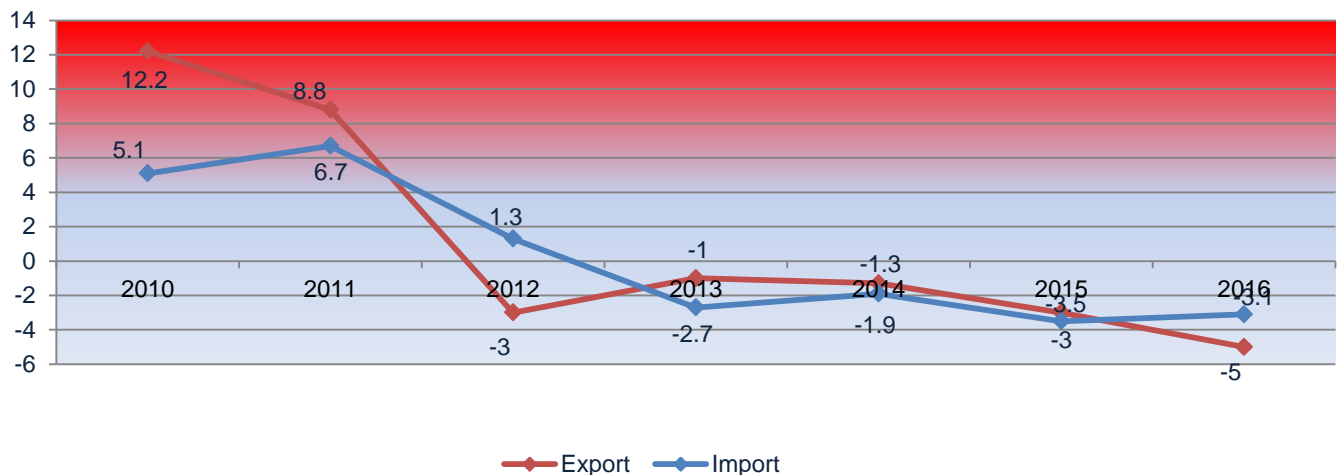


Table 1. Unit value indices of exported and imported goods

	EXPORT		IMPORT		TRADE RELATIONS	
	<u>2015</u> 2014	<u>2016</u> 2015	<u>2015</u> 2014	<u>2016</u> 2015	2015	2016
Total	97.0	95.0	96.5	96.9	100.5	98.0
Live animals; animal products	121.5	98.0	95.9	97.6	126.8	100.4
Meat and edible meat offal	90.7	105.1	90.3	99.4	100.4	105.8
Fish and crustaceans, molluscs and other aquatic invertebrates	100.0	100.0	104.8	104.5	95.4	95.7
Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	92.2	103.6	94.0	98.2	98.1	105.4
Products of animal origin, not elsewhere specified or included			116.1	124.5	0.0	0.0
Live trees and other plants; bulbs, roots and the like; cut flowers and ornamental foliage	149.6	84.9	92.6	106.2	161.5	80.0
Edible vegetables and certain roots and tubers	87.2	105.2	107.2	105.0	81.3	100.1
Edible fruit and nuts; peel of citrus fruit or melons	109.9	97.0	116.6	100.5	94.2	96.6
Coffee, tea, maté and spices	100.3	101.0	113.4	106.2	88.4	95.1
Cereals	100.0	100.0	93.0	92.1	107.6	108.6
Products of the milling industry; malt; starches; inulin; wheat gluten	93.1	84.2	94.2	88.9	98.8	94.8
Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal plants; straw and fodder	76.3	121.2	104.9	98.2	72.7	123.3
Lac; gums, resins and other vegetable saps and extracts	100.0		97.9	100.4	102.1	0.0
Vegetable plaiting materials; vegetable products not elsewhere specified or included			115.8	81.2	0.0	0.0
Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	112.0	96.2	106.8	100.9	104.9	95.4
Preparations of meat, of fish or of crustaceans, molluscs or other aquatic invertebrates	95.7	101.6	99.1	100.3	96.6	101.3
Sugars and sugar confectionery	159.8	92.4	98.1	109.4	163.0	84.5
Cocoa and cocoa preparations	104.4	97.9	106.0	101.4	98.4	96.5
Preparations of cereals, flour, starch or milk; pastry cooks' products	137.3	105.1	101.9	98.3	134.8	107.0
Preparations of vegetables, fruit, nuts or other parts of plants	100.0	96.7	99.7	99.3	100.3	97.4
Miscellaneous edible preparations	86.5	131.1	98.6	99.5	87.7	131.8
Beverages, spirits and vinegar	92.4	101.7	96.6	98.4	95.6	103.4
Residues and waste from the food industries; prepared animal fodder	108.8	101.8	96.1	98.2	113.3	103.6
Tobacco and manufactured tobacco substitutes	101.3	95.4	101.8	98.2	99.5	97.2
Salt; sulphur; earths and stone; plastering materials, lime and cement	102.6	100.7	103.9	96.2	98.8	104.7
Ores, slag and ash	102.0	93.7	182.5	100.2	55.9	93.5
Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	89.6	83.2	77.0	83.6	116.3	99.5
Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes	100.0	78.8	107.5	86.2	93.1	91.5
Organic chemicals	50.9	100.0	95.8	98.1	53.1	101.9
Pharmaceutical products	100.2	164.9	102.2	99.5	98.0	165.8
Fertilisers		100.0	101.3	100.1	0.0	99.9
Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colouring matter; paints and varnishes; putty and other mastics; inks	100.0	73.0	100.2	96.5	99.8	75.6
Essential oils and resinoids; perfumery, cosmetic or toilet preparations	91.0	126.1	99.2	98.1	91.7	128.6
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	90.1	89.2	97.2	99.0	92.7	90.1
Albuminoidal substances; modified starches; glues; enzymes	100.0	100.0	109.4	93.3	91.4	107.1

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	EXPORT		IMPORT		EXCHANGE RELATIONS	
	<u>2015</u> <u>2014</u>	<u>2016</u> <u>2015</u>	<u>2015</u> <u>2014</u>	<u>2016</u> <u>2015</u>	2015	2016
Explosives; pyrotechnic products; matches; pyrophoric alloys; certain combustible preparations	111.6	131.6	95.8	103.8	116.5	126.8
Photographic or cinematographic goods	100.0		103.4	98.2	96.7	0.0
Miscellaneous chemical products	111.7	96.8	97.9	102.7	114.1	94.2
Plastics and articles thereof	113.4	91.1	100.3	98.4	113.1	92.6
Rubber and articles thereof	68.9	114.3	99.4	97.9	69.3	116.7
Raw hides and skins (other than furskins) and leather	86.4	96.0	110.5	100.0	78.2	96.0
Articles of leather; saddlery and harness; travel goods, handbags and similar containers; articles of animal gut (other than silkworm gut)	100.0	100.0	102.5	100.1	97.6	99.9
Furskins and artificial fur; manufactures thereof	100.0	100.0	95.7	91.4	104.4	109.4
Wood and articles of wood; wood charcoal	95.7	99.7	93.9	99.6	102.0	100.1
Cork and articles of cork	100.0	100.0	86.4	106.1	115.8	94.3
Manufactures of straw, of esparto or of other plaiting materials; basketware and wickerwork	100.0	100.0	101.0	103.8	99.0	96.4
Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	99.3	106.8	100.0	100.0	99.3	106.8
Paper and paperboard; articles of paper pulp, of paper or of paperboard	106.1	98.9	98.0	99.2	108.3	99.7
Printed books, newspapers, pictures and other products of the printing industry; manuscripts, typescripts and plans	91.9	91.2	102.6	101.9	89.6	89.5
Silk			100.0	100.0	0.0	0.0
Wool, fine or coarse animal hair; horsehair yarn and woven fabric	69.5	115.7	98.0	75.0	70.9	154.3
Cotton	100.0	100.0	101.7	103.0	98.4	97.1
Other vegetable textile fibres; paper yarn and woven fabrics of paper yarn	100.0	100.0	156.6	100.0	63.8	100.0
Man-made filaments; strip and the like of man-made textile materials	119.6	86.6	99.6	93.0	120.1	93.1
Man-made staple fibres	100.0	100.0	103.6	97.5	96.5	102.5
Adding, felt and nonwovens; special yarns; twine, cordage, ropes and cables and articles thereof	100.0	100.0	100.7	104.0	99.3	96.1
Carpets and other textile floor coverings	100.0	100.0	94.0	94.9	106.4	105.3
Special woven fabrics; tufted textile fabrics; lace; tapestries; trimmings; embroidery	100.0	100.0	98.0	105.9	102.0	94.4
Impregnated, coated, covered or laminated textile fabrics; textile articles of a kind suitable for industrial use	100.0	100.0	100.6	94.9	99.4	105.4
Knitted or crocheted fabrics	100.0	100.0	137.6	95.0	72.7	105.3
Articles of apparel and clothing accessories, knitted or crocheted	100.0	121.1	101.3	100.4	98.8	120.7
Articles of apparel and clothing accessories, not knitted or crocheted	93.5	98.4	101.1	100.1	92.5	98.3
Other made-up textile articles; sets; worn clothing and worn textile articles; rags	100.0	194.8	102.0	102.9	98.1	189.3
Footwear, gaiters and the like; parts of such articles	103.4	98.3	103.1	100.8	100.2	97.6
Headgear and parts thereof	100.0	100.0	107.9	103.3	92.7	96.8
Umbrellas, sun umbrellas, walking sticks, seat-sticks, whips, riding-crops and parts thereof	91.8	74.7	101.4	99.7	90.5	75.0
Prepared feathers and down and articles made of feathers or of down; artificial flowers; articles of human hair	100.0	100.0	120.6	88.2	82.9	113.4
Articles of stone, plaster, cement, asbestos, mica or similar materials	76.6	128.3	101.7	96.4	75.3	133.1
Ceramic products	100.0	100.0	97.7	98.2	102.3	101.9
Glass and glassware	83.3	123.4	99.4	97.6	83.9	126.5
Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	53.2	117.5	109.8	100.3	48.4	117.2
Iron and steel	95.8	87.9	93.2	96.0	102.8	91.6

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	EXPORT		IMPORT		EXCHANGE RELATIONS	
	<u>2015</u> 2014	<u>2016</u> 2015	<u>2015</u> 2014	<u>2016</u> 2015	2015	2016
Iron and steel	92.5	106.0	98.9	96.2	93.5	110.2
Copper and articles thereof	97.3	89.7	99.5	99.4	97.8	90.3
Nickel and articles thereof			116.0	98.3	0.0	0.0
Aluminium and articles thereof	98.6	90.6	103.3	96.9	95.4	93.5
Lead and articles thereof	97.6	100.2	99.3	104.8	98.3	95.6
Zinc and articles thereof	100.0	100.0	100.4	96.7	99.6	103.4
Tin and articles thereof	100.0	100.0	96.0	94.4	104.2	106.0
Other base metals; cermets; articles thereof	92.6	87.2	100.0	88.7	92.6	98.3
Tools, implements, cutlery, spoons and forks, of base metal; parts thereof of base metal	100.0	100.0	100.9	100.7	99.1	99.3
Miscellaneous articles of base metal	114.4	103.1	100.8	100.4	113.5	102.7
Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	107.6	95.6	101.0	100.0	106.5	95.6
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	99.6	94.8	103.0	97.2	96.7	97.5
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	101.2	99.8	98.8	100.2
Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	109.5	103.3	102.8	99.0	106.4	104.4
Aircraft, spacecraft, and parts thereof	187.5	120.2	100.6	100.9	186.4	119.2
Ships, boats and floating structures	111.5	100.0	100.5	100.9	110.9	99.1
Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	116.5	136.3	102.0	100.6	114.2	135.5
Clocks and watches and parts thereof	99.5	100.0	101.7	100.8	97.8	99.3
Musical instruments; parts and accessories of such articles	100.0	100.0	103.4	101.9	96.7	98.1
Arms and ammunition; parts and accessories thereof	136.6	87.7	102.3	98.1	133.5	89.5
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	99.0	102.2	99.4	100.3	99.6	101.9
Toys, games and sports requisites; parts and accessories thereof	134.2	86.3	108.2	98.7	124.0	87.5
Miscellaneous manufactured articles	110.0	95.8	97.2	100.7	113.2	95.1
Works of art, collectors' pieces and antiques	100.0	70.3	107.5	85.0	93.0	82.6

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.

Published by Statistical Office of Montenegro (MONSTAT)
81000 Podgorica, IV Proleterske 2, Phone (+382) 20 230 811, Fax (+382) 20 230 814

The release is prepared by:

Ivan LAKOVIC

Phone +382 20 230 805

contact@monstat.org