

Unit Value Indices (UVI) of exported and imported goods 2017

Unit values of goods exported from January to December 2017 increased by 8.2% 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 increased by 2.7%.

From January to December 2017, when observing chapters of customs tariffs, the highest rise of unit value of goods exported of 72.3% was noticed under Chapter 63: Other made-up textile articles; sets, worn clothing and worn textile articles, the highest rise of goods imported 90.6% was noticed under Chapter 53: Other vegetable textile fibers; paper and paper towels from paper yarn.

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

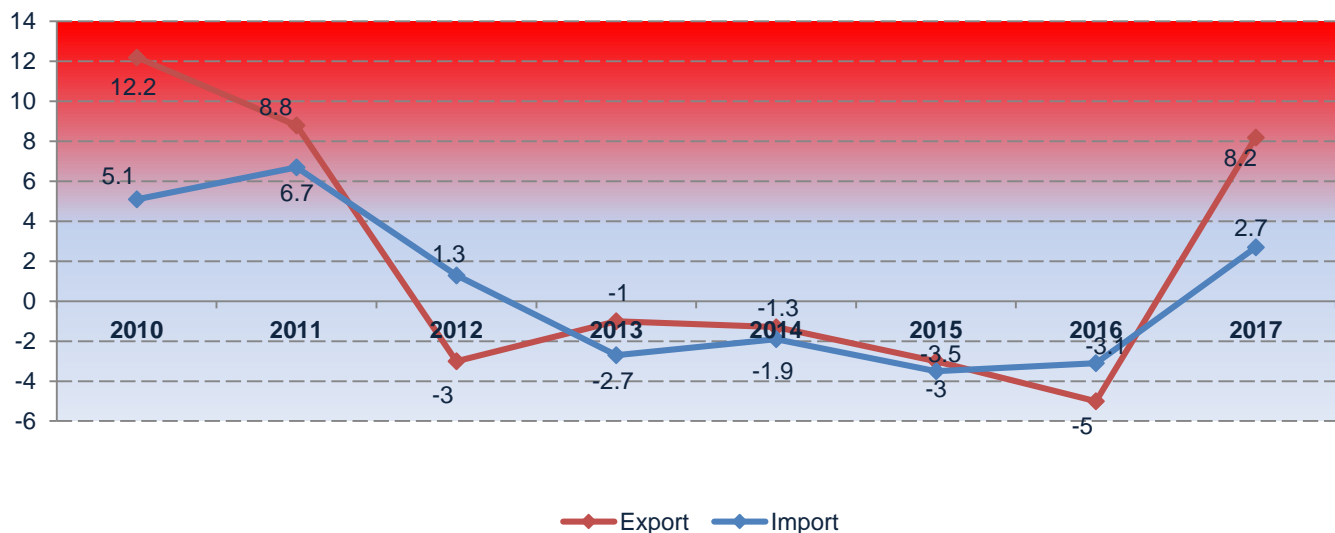


Table 1. Unit value indices of exported and imported goods

	EXPORT		IMPORT		TRADE RELATIONS	
	<u>2016</u> <u>2015</u>	<u>2017</u> <u>2016</u>	<u>2016</u> <u>2015</u>	<u>2017</u> <u>2016</u>	2016	2017
Total	95.0	108.2	96.9	102.7	98.0	105.3
Live animals; animal products	98.0	108.6	97.6	104.5	100.4	103.9
Meat and edible meat offal	105.1	108.1	99.4	107.1	105.8	101.0
Fish and crustaceans, molluscs and other aquatic invertebrates	100.0	100.0	104.5	99.3	95.7	100.7
Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere specified or included	103.6	137.1	98.2	103.9	105.4	132.0
Products of animal origin, not elsewhere specified or included	-	100.0	124.5	137.5	0.0	72.7
Live trees and other plants; bulbs, roots and the like; cut flowers and ornamental foliage	84.9	101.3	106.2	105.4	80.0	96.1
Edible vegetables and certain roots and tubers	105.2	117.0	105.0	102.2	100.1	114.5
Edible fruit and nuts; peel of citrus fruit or melons	97.0	93.1	100.5	105.0	96.6	88.6
Coffee, tea, maté and spices	101.0	109.7	106.2	109.8	95.1	99.9
Cereals	100.0	100.0	92.1	101.1	108.6	98.9
Products of the milling industry; malt; starches; inulin; wheat gluten	84.2	98.6	88.9	103.6	94.8	95.2
Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal plants; straw and fodder	121.2	76.6	98.2	96.8	123.3	79.2
Lac; gums, resins and other vegetable saps and extracts	-	-	100.4	110.7	0.0	0.0
Vegetable plaiting materials; vegetable products not elsewhere specified or included	-	-	81.2	96.3	0.0	0.0
Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	96.2	89.3	100.9	97.0	95.4	92.1
Preparations of meat, of fish or of crustaceans, molluscs or other aquatic invertebrates	101.6	102.4	100.3	100.1	101.3	102.4
Sugars and sugar confectionery	92.4	108.8	109.4	101.7	84.5	107.0
Cocoa and cocoa preparations	97.9	109.9	101.4	103.7	96.5	106.0
Preparations of cereals, flour, starch or milk; pastry cooks' products	105.1	108.6	98.3	102.6	107.0	105.9
Preparations of vegetables, fruit, nuts or other parts of plants	96.7	99.2	99.3	100.8	97.4	98.3
Miscellaneous edible preparations	131.1	123.7	99.5	102.8	131.8	120.3
Beverages, spirits and vinegar	101.7	102.8	98.4	100.3	103.4	102.5
Residues and waste from the food industries; prepared animal fodder	101.8	109.9	98.2	100.8	103.6	108.9
Tobacco and manufactured tobacco substitutes	95.4	100.0	98.2	102.9	97.2	97.2
Salt; sulphur; earths and stone; plastering materials, lime and cement	100.7	88.8	96.2	100.5	104.7	88.4
Ores, slag and ash	93.7	111.6	100.2	100.0	93.5	111.6
Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	83.2	101.8	83.6	116.6	99.5	87.4
Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes	78.8	114.8	86.2	112.7	91.5	101.9
Organic chemicals	100.0	100.0	98.1	94.5	101.9	105.8
Pharmaceutical products	164.9	135.5	99.5	99.6	165.8	136.0
Fertilisers	100.0	97.0	100.1	90.6	99.9	107.0
Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other colouring matter; paints and varnishes; putty and other mastics; inks	73.0	109.8	96.5	99.4	75.6	110.4
Essential oils and resinoids; perfumery, cosmetic or toilet preparations	126.1	93.6	98.1	95.4	128.6	98.2
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	89.2	125.0	99.0	101.0	90.1	123.7
Albuminoidal substances; modified starches; glues; enzymes	100.0	100.0	93.3	108.9	107.1	91.8

Table 1. Unit value indices of exported and imported goods

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	EXPORT		IMPORT		EXCHANGE RELATIONS	
	<u>2016</u> <u>2015</u>	<u>2017</u> <u>2016</u>	<u>2016</u> <u>2015</u>	<u>2017</u> <u>2016</u>	2016	2017
Explosives; pyrotechnic products; matches; pyrophoric alloys; certain combustible preparations	131.6	91.5	103.8	114.9	126.8	79.6
Photographic or cinematographic goods	-	-	98.2	92.1	0.0	0.0
Miscellaneous chemical products	96.8	107.7	102.7	95.7	94.2	112.6
Plastics and articles thereof	91.1	101.1	98.4	100.5	92.6	100.6
Rubber and articles thereof	114.3	100.0	97.9	100.3	116.7	99.7
Raw hides and skins (other than furskins) and leather	96.0	112.7	100.0	99.2	96.0	113.6
Articles of leather; saddlery and harness; travel goods, handbags and similar containers; articles of animal gut (other than silkworm gut)	100.0	59.4	100.1	100.0	99.9	59.4
Furskins and artificial fur; manufactures thereof	100.0	100.0	91.4	93.1	109.4	107.5
Wood and articles of wood; wood charcoal	99.7	103.1	99.6	97.4	100.1	105.9
Cork and articles of cork	100.0	100.0	106.1	105.0	94.3	95.3
Manufactures of straw, of esparto or of other plaiting materials; basketware and wickerwork	100.0	100.0	103.8	86.7	96.4	115.4
Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard	106.8	104.0	100.0	100.0	106.8	104.0
Paper and paperboard; articles of paper pulp, of paper or of paperboard	98.9	101.0	99.2	99.5	99.7	101.5
Printed books, newspapers, pictures and other products of the printing industry; manuscripts, typescripts and plans	91.2	100.5	101.9	107.1	89.5	93.9
Silk	-	-	100.0	100.0	0.0	0.0
Wool, fine or coarse animal hair; horsehair yarn and woven fabric	115.7	99.8	75.0	91.6	154.3	109.0
Cotton	100.0	100.0	103.0	107.1	97.1	93.4
Other vegetable textile fibres; paper yarn and woven fabrics of paper yarn	100.0	100.0	100.0	190.6	100.0	52.5
Man-made filaments; strip and the like of man-made textile materials	86.6	100.0	93.0	104.8	93.1	95.4
Man-made staple fibres	100.0	-	97.5	96.5	102.5	0.0
Adding, felt and nonwovens; special yarns; twine, cordage, ropes and cables and articles thereof	100.0	64.9	104.0	103.3	96.1	62.9
Carpets and other textile floor coverings	100.0	100.0	94.9	92.5	105.3	108.1
Special woven fabrics; tufted textile fabrics; lace; tapestries; trimmings; embroidery	100.0	100.0	105.9	100.8	94.4	99.2
Impregnated, coated, covered or laminated textile fabrics; textile articles of a kind suitable for industrial use	100.0	100.0	94.9	93.7	105.4	106.7
Knitted or crocheted fabrics	100.0	100.0	95.0	106.5	105.3	93.9
Articles of apparel and clothing accessories, knitted or crocheted	121.1	83.4	100.4	100.9	120.7	82.7
Articles of apparel and clothing accessories, not knitted or crocheted	98.4	105.8	100.1	100.5	98.3	105.4
Other made-up textile articles; sets; worn clothing and worn textile articles; rags	194.8	172.3	102.9	94.8	189.3	181.8
Footwear, gaiters and the like; parts of such articles	98.3	108.5	100.8	100.1	97.6	108.3
Headgear and parts thereof	100.0	100.0	103.3	97.5	96.8	102.6
Umbrellas, sun umbrellas, walking sticks, seat-sticks, whips, riding-crops and parts thereof	74.7	100.0	99.7	112.9	75.0	88.6
Prepared feathers and down and articles made of feathers or of down; artificial flowers; articles of human hair	100.0	100.0	88.2	114.2	113.4	87.5
Articles of stone, plaster, cement, asbestos, mica or similar materials	128.3	114.5	96.4	96.1	133.1	119.1
Ceramic products	100.0	100.0	98.2	102.8	101.9	97.3
Glass and glassware	123.4	104.4	97.6	103.4	126.5	100.9
Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin	117.5	100.0	100.3	110.4	117.2	90.5
Iron and steel	87.9	107.8	96.0	114.0	91.6	94.5

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Iron and steel	106.0	96.1	96.2	101.2	110.2	95.0
Copper and articles thereof	89.7	117.4	99.4	108.9	90.3	107.8
Nickel and articles thereof	-	-	98.3	119.1	0.0	0.0
Aluminium and articles thereof	90.6	120.7	96.9	101.7	93.5	118.6
Lead and articles thereof	100.2	128.0	104.8	98.1	95.6	130.6
Zinc and articles thereof	100.0	97.8	96.7	101.8	103.4	96.1
Tin and articles thereof	100.0	100.0	94.4	82.6	106.0	121.1
Other base metals; cermets; articles thereof	87.2	100.0	88.7	99.0	98.3	101.0
Tools, implements, cutlery, spoons and forks, of base metal; parts thereof of base metal	100.0	100.0	100.7	100.7	99.3	99.3
Miscellaneous articles of base metal	103.1	123.4	100.4	100.8	102.7	122.4
Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	95.6	96.7	100.0	100.5	95.6	96.2
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	94.8	99.4	97.2	101.2	97.5	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	99.8	99.3	100.2	100.7
Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	103.3	108.9	99.0	100.1	104.4	108.8
Aircraft, spacecraft, and parts thereof	120.2	130.5	100.9	100.8	119.2	129.5
Ships, boats and floating structures	100.0	129.9	100.9	100.9	99.1	128.7
Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof	136.3	51.8	100.6	100.9	135.5	51.4
Clocks and watches and parts thereof	100.0	100.0	100.8	101.0	99.3	99.0
Musical instruments; parts and accessories of such articles	100.0	100.0	101.9	101.8	98.1	98.2
Arms and ammunition; parts and accessories thereof	87.7	86.9	98.1	87.6	89.5	99.1
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	102.2	98.6	100.3	100.1	101.9	98.5
Toys, games and sports requisites; parts and accessories thereof	86.3	115.5	98.7	88.3	87.5	130.8
Miscellaneous manufactured articles	95.8	104.5	100.7	105.9	95.1	98.7
Works of art, collectors' pieces and antiques	70.3	99.2	85.0	128.5	82.6	77.2

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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