



# SAOPŠTENJE

## FIRST RELEASE



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GODINA/ YEAR V

SARAJEVO, 15. 12. 2014.

BROJ/ NUMBER 5

## STATISTIKA ENERGIJE

### *Energy Statistics*

#### Ugalj, koks

Proizvodnja uglja u Bosni i Hercegovini u 2013. godini iznosi 11.764.827 tona, od čega je proizvedeno 6.054.037 tona mrkog uglja i 5.710.790 tona lignita.

U potrošnji u energetsom sektoru mrki ugalj učestvuje sa 47,2%, lignit sa 44%, a kameni ugalj sa 8,8%.

U finalnoj potrošnji koja u 2013. godini iznosi 781.057 tone uglja, mrki ugalj učestvuje sa 52,6%, lignit 39,4%, a kameni ugalj sa 8%. U finalnoj potrošnji uglja domaćinstava u zastupljena sa 25,2%, a ostali potrošači sa 38,2%.

Proizvodnja koksa u Bosni i Hercegovini u 2013. godini iznosi 758.700 tona, od čega je izvezeno 279.097 tona. U energetsom sektoru potrošeno je 463.824 tona koksa, a ostatak od 895 tona u industrijskom sektoru.

#### Coal, Coke-Oven Coke

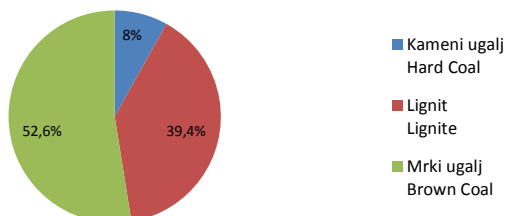
*Production of coal in Bosnia and Herzegovina for 2013 is 11.764.827 tons, out of which 6.054.037 tones is brown coal and 5.710.790 tons is lignite.*

*Brown coal share in energy sector consumption is 47.2%, lignite share is 44% and hard coal is 8.8%.*

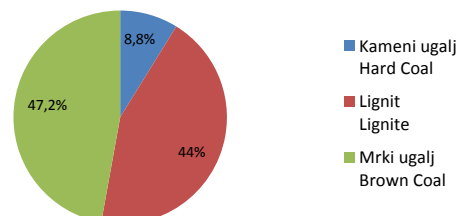
*In final coal consumption of 781.057 tons in 2013, brown coal participates with share of 52.6%, lignite with 39.4% and hard coal with 8%. In final coal consumption households are represented with 25.2% and other users with 38.2%.*

*Production of coke-oven coke in Bosnia and Herzegovina in 2013 is 758.700 tons, from which 279.097 tons have been exported. Coke-oven coke consumption in energy sector is 463.824 tons, and the rest of 895 tons in industry sector.*

Finalna potrošnja, BiH, 2013  
*Final consumption, BiH, 2013*



Potrošnja u energetsom sektoru, BiH, 2013  
*Consumption in energy sector, BiH, 2013*



**UGALJ, KOKS**  
**COAL, COKE-Oven COKE**

**Godišnji bilans uglja i koksa, BiH, 2013**

*Annual balance of Coal and Coke-oven Coke, BiH, 2013*

	<b>Kameni ugalj</b>	<b>Lignit</b>	<b>Mrki ugalj</b>	<b>Koks</b>	
	<i>Hard Coal</i>	<i>Lignite</i>	<i>Brown Coal</i>	<i>Coke Oven Coke</i>	
	t	t	t	t	
<b>Proizvodnja</b>	–	<b>5.710.790</b>	<b>6.054.037</b>	<b>758.700</b>	<b>Production</b>
<b>Uvoz</b>	<b>1.164.018</b>	<b>10.278</b>	<b>4.869</b>	<b>22.490</b>	<b>Import</b>
<b>Izvoz</b>	<b>1.458</b>	<b>57.160</b>	<b>312.958</b>	<b>279.097</b>	<b>Export</b>
<b>Saldo zaliha</b>	<b>-58.117</b>	<b>-150.148</b>	<b>244.209</b>	<b>-37.374</b>	<b>Stock changes</b>
<b>Potrošnja u energetsom sektoru</b>	<b>1.041.101</b>	<b>5.206.229</b>	<b>5.574.343</b>	<b>463.824</b>	<b>Consumption in energy sector</b>
<b>Ukupni gubici</b>	–	<b>10</b>	<b>5.620</b>	–	<b>Total losses</b>
<b>Finalna potrošnja</b>	<b>63.342</b>	<b>307.521</b>	<b>410.194</b>	<b>895</b>	<b>Final consumption</b>
<b>Industrija</b>	<b>63.342</b>	<b>35.596</b>	<b>186.558</b>	<b>895</b>	<b>Industry</b>
Industrija željeza i čelika	–	–	68	257	<i>Iron and Steel</i>
Hemijska (uklj. i petrohemijsku)	27	18	185	1	<i>Chemical (incl. Petrochemical)</i>
Metali bez željeza	–	–	107.227	–	<i>Non-Ferrous Metals</i>
Nemetalni mineralni proizvodi	63.060	14.737	64.020	637	<i>Non-Metallic Minerals</i>
Transportna oprema	–	45	473	–	<i>Transport Equipment</i>
Mašine	–	689	2.465	–	<i>Machinery</i>
Rudarstvo i kamenolomi	–	23	3.701	–	<i>Mining and Quarring</i>
Prerada hrane, pića i duhana	209	14.979	3.006	–	<i>Food, Beverages and Tobacco</i>
Celuloza, papir i štampanje	–	–	211	–	<i>Paper, Pulp and Printing</i>
Drvo i drveni proizvodi	–	265	148	–	<i>Wood and Wood Products</i>
Tekstil i koža	30	4.784	3.312	–	<i>Textiles and Leather</i>
Nespecificirano (industrija)	16	56	1.742	–	<i>Non-specified (Industry)</i>
<b>Građevinarstvo</b>	–	–	–	–	<b>Construction</b>
<b>Saobraćaj</b>	–	–	–	–	<b>Transport</b>
<b>Poljoprivreda</b>	–	<b>300</b>	–	–	<b>Agriculture</b>
<b>Domaćinstva</b>	–	<b>114.805</b>	<b>82.246</b>	–	<b>Households</b>
<b>Ostali potrošači</b>	–	<b>156.820</b>	<b>141.390</b>	–	<b>Other</b>

## METODOLOŠKA OBJAŠNJENJA

Metodologija za prikupljanje podataka i izradu energetskog bilansa uglja i koksa usklađena je sa međunarodnim standardima IEA/OECD i Eurostat-a.

### Kameni ugalj

Kameni ugalj se odnosi na ugalj čija je bruto kalorična vrijednost veća od 24.000 kJ/kg na bazi vlažnog uzorka bez pepela i obuhvata:

- **Antracit**

Visokokvalitetan ugalj koji se uglavnom koristi u industrijske svrhe.

- **Koksnii ugalj**

Bitumenski ugalj s kvalitetom koji dopušta proizvodnju koksa pogodnog za punjenje visoke peći.

- **Ostali bitumenski ugalj (parni ugalj)**

Ugalj koji se koristi za proizvodnju pare i obuhvata sve vrste bitumenskog uglja koje nisu navedene pod koksnim ugljom ili antracitom.

### Lignit/mrki ugalj

Neaglomeratni ugalj (ugalj koji se ne gruda) čija je bruto kalorična vrijednost manja od 20.000 kJ/kg i sadrži više od 31% isparive materije na bazi suhog uzorka sa mineralima.

### Koks (za topioničke svrhe)

Čvrst proizvod dobijen karbonizacijom uglja na visokoj temperaturi; sadržaj vlage i isparivih sastojaka je mali.

**Proizvodnja** obuhvata ukupnu proizvodnju uglja i koksa na teritoriji države.

**Uvoz / Izvoz** su količine uglja i koksa koje su prešle državnu granicu.

**Saldo zaliha** je razlika između zaliha u prvom danu u godini (početnih zaliha) i zaliha u zadnjem danu u godini (krajnjih zaliha).

**Finalna potrošnja** predstavlja finalnu potrošnju uglja i koksa u industriji, građevinarstvu, saobraćaju, poljoprivredi, domaćinstvima i ostalim sektorima.

## NOTES OF METHODOLOGY

*Methodology for data collection and making of coal and coke-oven coke balances is harmonized with internationally established standards of IEA/OECD and Eurostat.*

### **Hard Coal:**

*Hard Coal refers to coal of gross calorific value greater than 24 000 kJ/kg on an ashfree but moist basis. Hard coal comprises:*

- **Anthracite:**

*High rank coal used for industrial applications.*

- **Coking Coal:**

*Bituminous coal with a quality that allows the production of a coke suitable to support a blast furnace charge.*

- **Other Bituminous Coal (Steam Coal):**

*Coal used for steam raising purposes and includes all bituminous coal that is not included under coking coal nor anthracite.*

### **Lignite/Brown Coal:**

*Non-agglomerating coal with a gross calorific value less than 20 000 kJ/kg and greater than 31% volatile matter on a dry mineral matter free basis.*

### **Coke-oven Coke**

*The solid product obtained from carbonization of coal at high temperature, it is low in moisture and volatile matter.*

*Production* comprises the total of coal and coke-oven coke production in the country.

*Import / Export* of coal and coke-oven coke include quantities that crossed the national border.

*Stock changes* is a difference between stocks on the first day of the year (initial stocks) and stocks on the last day of the year (final stocks).

*Final consumption* of coal and coke-oven coke is final energy consumption in industry, construction, transport, agriculture, households and other sectors.

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