



# SAOPĆENJE

## FIRST RELEASE



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GODINA/ YEAR XI

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## STATISTIKA ENERGIJE

### ENERGY STATISTICS

UGALJ  
COAL

#### Ugalj, koks, 2019

Proizvodnja uglja u Bosni i Hercegovini u 2019. godini iznosi 13.376.650 tona, od čega je proizvedeno 6.971.178 tona lignita i 6.405.472 tona mrkog uglja.

U potrošnji u energetskom sektoru lignit učestvuje sa 49,2%, mrki ugalj sa 41,2%, a kameni ugalj sa 9,6%.

U finalnoj potrošnji koja u 2019. godini iznosi 710.495 tone uglja, mrki ugalj učestvuje sa 42,5%, lignit 29,7%, a kameni ugalj sa 7,8%. U finalnoj potrošnji uglja domaćinstava su zastupljena sa 31,7%, ostali potrošači sa 68,3%.

Proizvodnja koksa u Bosni i Hercegovini u 2019. godini iznosi 907.098 tona, od čega je izvezeno 454.673 tona. U energetskom sektoru potrošeno je 472.279 tona koksa.

#### Coal, Coke-Oven Coke, 2019

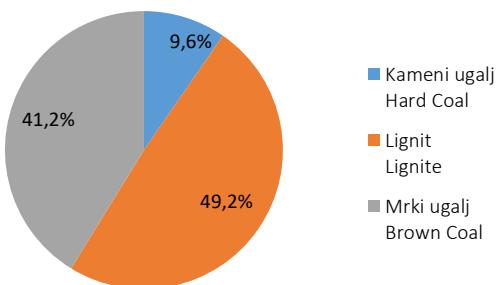
Production of coal in Bosnia and Herzegovina for 2019 is 13.376.650 tons, out of which 6.971.178 tons is lignite and 6.405.472 tones is brown coal.

Lignite share in energy sector consumption is 49.2%, brown coal share is 41.2% and hard coal is 9.6%.

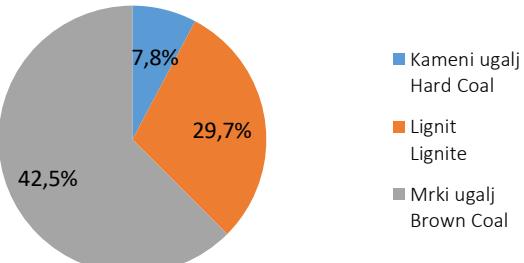
In final coal consumption of 710.495 tons in 2019, brown coal participates with share of 42.5%, lignite with 29.7% and hard coal with 7.8%. In final coal consumption households are represented with 31.7%, other users with 68.3%.

Production of coke-oven coke in Bosnia and Herzegovina in 2019 is 907.098 tons, from which 454.673 tons have been exported. Coke-oven coke consumption in energy sector is 472.279 tons.

Potrošnja u energetskom sektoru, BiH, 2019  
*Consumption in energy sector, BiH, 2019*



Finalna potrošnja, BiH, 2019  
*Final consumption, BiH, 2019*



**UGALJ, KOKS**  
**COAL, COKE-OVEN COKE**

**Godišnji bilans uglja i koksa, BiH, 2019**  
*Annual balance of Coal and Coke-oven Coke, BiH, 2019*

	Kameni ugalj <i>Hard Coal</i>	Lignite <i>Lignite</i>	Mrki ugalj <i>Brown Coal</i>	Koks <i>Coke Oven Coke</i>	
	t	t	t	t	
<b>Proizvodnja</b>	-	<b>6.971.178</b>	<b>6.405.472</b>	<b>907.098</b>	<b>Production</b>
<b>Uvoz</b>	<b>1.531.177</b>	<b>29.285</b>	<b>87.237</b>	<b>46.070</b>	<b>Import</b>
<b>Izvoz</b>	-	<b>5.252</b>	<b>157.920</b>	<b>454.673</b>	<b>Export</b>
<b>Saldo zaliha</b>	<b>-179.940</b>	<b>-156.319</b>	<b>-332.410</b>	<b>-26.216</b>	<b>Stock changes</b>
<b>Potrošnja u energetskom sektoru</b>	<b>1.296.127</b>	<b>6.627.690</b>	<b>5.558.196</b>	<b>472.279</b>	<b>Consumption in energy sector</b>
<b>Ukupni gubici</b>	-	-	-	-	<b>Total losses</b>
<b>Finalna potrošnja</b>	<b>55.110</b>	<b>211.202</b>	<b>444.183</b>	-	<b>Final consumption</b>
<b>Finalna neenergetska potrošnja</b>	<b>21.660</b>	-	-	-	<b>Final non-energy consumption</b>
<b>Finalna energetska potrošnja</b>	<b>33.450</b>	<b>211.202</b>	<b>444.183</b>	-	<b>Final energy consumption</b>
<b>Industrija</b>	<b>33.450</b>	<b>39.882</b>	<b>224.748</b>	-	<b>Industry</b>
Industrija željeza i čelika	-	-	13	-	<i>Iron and Steel</i>
Hemijkska (uklj. i petrohemijsku)	-	-	223	-	<i>Chemical (incl. Petrochemical)</i>
Metali bez željeza	-	-	180.116	-	<i>Non-Ferrous Metals</i>
Nemetalni mineralni proizvodi	32.744	26.790	30.824	-	<i>Non-Metallic Minerals</i>
Transportna oprema	39	-	310	-	<i>Transport Equipment</i>
Mašine	333	148	1.497	-	<i>Machinery</i>
Rudarstvo i kamenolomi	-	-	3.072	-	<i>Mining and Quarrying</i>
Prerada hrane, pića i duhana	85	12.265	4.053	-	<i>Food, Beverages and Tobacco</i>
Celuloza, papir i štampanje	-	-	82	-	<i>Paper, Pulp and Printing</i>
Drvo i drveni proizvodi	-	-	269	-	<i>Wood and Wood Products</i>
Tekstil i koža	216	640	3.533	-	<i>Textiles and Leather</i>
Nespecifirano (industrija)	33	39	756	-	<i>Non-specified (Industry)</i>
<b>Gradjevinarstvo</b>	-	<b>192</b>	-	-	<b>Construction</b>
<b>Saobraćaj</b>	-	-	-	-	<b>Transport</b>
<b>Poljoprivreda</b>	-	<b>701</b>	-	-	<b>Agriculture</b>
<b>Domaćinstva</b>	-	<b>139.645</b>	<b>85.585</b>	-	<b>Households</b>
<b>Ostali potrošači</b>	-	<b>30.782</b>	<b>133.850</b>	-	<b>Other</b>

## METODOLOŠKA OBJAŠNJENJA

Metodologija za prikupljanje podataka i izradu energetskog bilansa uglja i koksa uskladena 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.

#### - Koksni 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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