

## BILANS UGLJA / UGLJENA, 2023. BALANCE OF COAL, 2023

Ukupna proizvodnja uglja/ugljenja u FBiH u 2023. godini iznosila je 5.429.249 tona, od čega je proizvedeno 4.119.301 tona mrkog uglja i 1.309.948 tona lignita.

*Production of coal in FBiH in 2023 was 5.429.249 tons, out of which 4.119.301 tons is brown coal and 1.309.948 tons lignite.*

U potrošnji u energetsom sektoru, mrki ugalj učestvuje sa 51,2%, lignit sa 31,4% i kameni ugalj sa 17,4%.

*In consumption in the energy sector, brown coal participates with 51,2%, lignite with 31,4% and hard coal with 17,4%.*

U finalnoj potrošnji koja u 2023. godini iznosi 289.753 tona uglja, mrki ugalj učestvuje sa 32,8%, lignit učestvuje sa 33,3%, kameni ugalj i antracit sa 33,9%.

*In the final consumption, which was 289.753 tons of coal in 2023, brown coal participates with 32,8%, lignite participates with 33,3%, and hard coal and anthracite with 33,9%.*

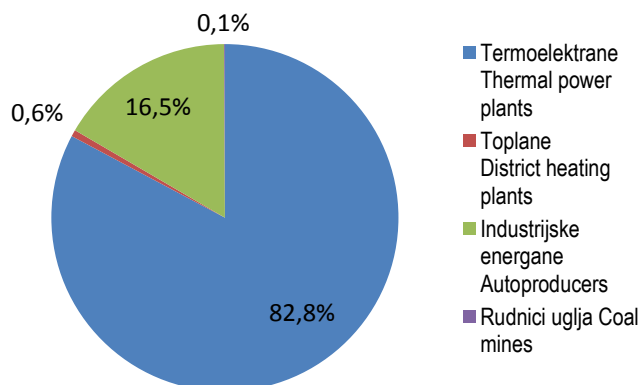
U finalnoj potrošnji mrkog uglja i lignita domaćinstva učestvuju sa 60,6%, ostali sektori sa 29,0% i sektor industrije sa 10,4%.

*In final brown coal and lignite consumption, households share with 60,6%, other sectors with 29,0% and industry sector with 10,4%.*

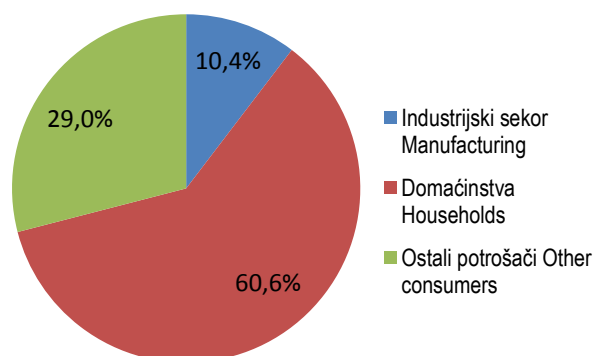
Proizvodnja koksa u FBiH u 2023. godini iznosi 768.225 tona, od čega je izvezeno 356.177 tone. U energetsom sektoru utrošeno je 410.264 tona koksa, u industrijskom sektoru 48.625 tone.

*Coke production in the FBiH in 2023 amounts to 768.225 tons, out of which 356.177 tons were exported. 410.264 tons of coke were consumed in the energy sector, and 48.625 tons in the industrial sector.*

### Potrošnja mrkog uglja i lignita u energetsom sektoru, FBiH, 2023 Consumption brown coal and lignite in energy sector, FBiH, 2023



### Finalna potrošnja mrkog uglja i lignita po sektorima, FBiH, 2023 Final consumption of brown coal and lignite by sectors, FBiH, 2023



## Bilans uglja/ ugljena

Balance of coal

tona/tonnes

	2022	2023	2022	2023	
	<b>Mrki ugalj/ugljen</b>		<b>Lignit</b>		
	<i>Brown coal</i>		<i>Lignite</i>		
<b>Proizvodnja</b>	<b>4.501.361</b>	<b>4.119.301</b>	<b>1.379.587</b>	<b>1.309.948</b>	<b>Production</b>
<b>Uvoz</b>	<b>342</b>	<b>2.841</b>	-	-	<b>Import</b>
<b>Izvoz</b>	<b>721.765</b>	<b>582.001</b>	-	-	<b>Export</b>
<b>Primljeno u Federaciju BiH</b>	<b>186.790</b>	<b>166.609</b>	<b>894.496</b>	<b>754.426</b>	<b>Received in FBiH</b>
<b>Isporučeno iz Federacije BiH</b>	<b>237.049</b>	<b>233.900</b>	<b>10.104</b>	<b>6.596</b>	<b>Delivered from FBiH</b>
<b>Saldo zaliha</b>	<b>49.588*</b>	<b>-280.855</b>	<b>90.644</b>	<b>-62.235</b>	<b>Stock changes</b>
<b>Gubici pri distribuciji</b>	-	-	-	-	<b>Losses in the distribution</b>
<b>Energetski sektor</b>	<b>3.648.037</b>	<b>3.097.083</b>	<b>2.234.554</b>	<b>1.898.899</b>	<b>Energy sector</b>
Termoelektrane	3.284.984	2.727.450	1.772.345	1.408.514	Thermal power plants
Toplane	28.130	30.776	-	-	District heating plants
Industrijske energane	332.005	336.036	456.458	489.114	Autoproducers
Rudnici uglja	2.918	2.821	5.751	1.271	Coal mines
<b>Finalna potrošnja</b>	<b>102.048*</b>	<b>94.912</b>	<b>120.069</b>	<b>96.644</b>	<b>Final consumption</b>
<b>Industrijski sektor</b>	<b>13.235*</b>	<b>19.322</b>	<b>641</b>	<b>546</b>	<b>Manufacturing</b>
Industrija željeza i čelika	30	24	-	-	Iron and steel
Hemijska (uklj. i petrohem.)	238	259	-	-	Chemical (incl. petrochemistry)
Metali bez sadržaja željeza	-	<b>37</b>	-	-	Non-ferrous metals
Nemetalni mineralni proizvodi	5784*	11.125	-	-	Non-metallic minerals
Transportna oprema	134	149	-	-	Transport equipment
Mašine, uređaji, metalni proiz.	1.549	1.385	287	213	Machinery, equip. metal prod.
Rudarstvo i kamenolomi	330	405	8	15	Mining and quarrying
Prerada hrane, pića i duhana	2.873	2.979	245	266	Food, beverages and tobacco
Celuloza, papir i štampanje	187	572	-	<b>51</b>	Paper, pulp and printing
Drvo i drveni proizvodi	5	220	-	-	Wood and wood products
Tekstil i koža	1.440	1.568	101	52	Textiles and leather
Nespecificirano (industrija)	665	599	-	-	Non-specified (industry)
<b>Domaćinstva</b>	<b>32.952</b>	<b>28.953</b>	<b>108.545</b>	<b>87.128</b>	<b>Households</b>
<b>Ostali potrošači</b>	<b>55.861*</b>	<b>46.637</b>	<b>10.883</b>	<b>8.970</b>	<b>Other consumers</b>
	<b>Kameni ugalj i antracit</b>		<b>Koks</b>		
	<i>Cooking Coal and Anthracite</i>		<i>Coke Oven Coke</i>		
<b>Proizvodnja</b>			<b>822.113</b>	<b>768.225</b>	<b>Production</b>
<b>Uvoz</b>	<b>1.260.486</b>	<b>1.098.684</b>	<b>68.465</b>	<b>94.963</b>	<b>Import</b>
<b>Izvoz</b>	<b>200</b>	<b>1.888</b>	<b>402.755</b>	<b>356.177</b>	<b>Export</b>
<b>Primljeno u Federacije BiH</b>	<b>19.939</b>	-	-	-	
<b>Saldo zaliha</b>	<b>-11.563</b>	<b>55.551</b>	<b>-28.329</b>	<b>-48.122</b>	<b>Stock changes</b>
<b>Energetski sektor</b>	<b>1.169.403</b>	<b>1.054.150</b>	<b>447.651</b>	<b>410.264</b>	<b>Energy sector</b>
Koksare	1.126.369	1.054.150	-	-	Coke factories
Visoke peći	43.034		447.651	410.264	Blast furnace plants
<b>Finalna potrošnja</b>	<b>99.259</b>	<b>98.197</b>	<b>11.843</b>	<b>48.625</b>	<b>Final Consumption</b>
<b>Industrijski sektor</b>	<b>99.259</b>	<b>98.197</b>	<b>11.843</b>	<b>48.625</b>	<b>Manufacturing</b>
Industrija željeza i čelika	10.782	1.480	-	10	Iron and steel
Hemijska (uklj. i petrohem.)	27	16	4	3	Chemical (Including petrochem.)
Nemetalni mineralni proizvodi	87.743	95.723	11.839	48.612	Non-metallic minerals
Transportna oprema	10	-	-	-	Transport equipment
Mašine, uređaji, metalni proiz.	434	655	-	-	Machinery, equip. metal prod.
Rudarstvo i kamenolomi	-	-	-	-	Mining and quarrying
Prerada hrane, pića i duhana	58	87	-	-	Food, beverages and tobacco
Celuloza, papir i štampanje	-	-	-	-	Paper, pulp and printing
Drvo i drveni proizvodi	-	-	-	-	Wood and wood products
Tekstil i koža	172	214	-	-	Textiles and leather
Nespecificirano (industrija)	33	22	-	-	Non-specified (industry)

korigovan podatak \*

## METODOLOŠKA OBJAŠNENJA

Podaci o Bilansu uglja/ugljena dobijaju se na osnovu rezultata godišnjih statističkih istraživanja iz oblasti energetike i to: Godišnji izvještaj o proizvodnji i potrošnji uglja/ugljena (EN-U1-G), Godišnjeg izvještaja o proizvodnji i potrošnji električne energije (EN-E2-G), Godišnjeg izvještaja o proizvodnji i potrošnji toplotne energije (EN-T1-G), Godišnjeg izvještaja o utrošku energenata u industriji (EN-IND-G), kao i podataka dobivenih iz statistike vanjske trgovine.

Izveštajne jedinice o proizvodnji i potrošnji uglja/ugljena su preduzeća/poduzeća, koja su po Klasifikaciji djelatnosti razvrstana u Registru poslovnih subjekata u područje B - Vađenje ruda i kamena, C - Prerađivačka industrija i D - Proizvodnja i snabdijevanje/opskrba električnom energijom i gasom.

Metodologija za izradu bilansa uglja/ugljena usklađena je sa standardima IEA/OECD i Eurostat-a.

Godišnjim izvještajem o proizvodnji i potrošnji uglja/ugljena prikupljaju se podaci o proizvodnji i potrošnji uglja/ugljena u različitim oblastima.

Proizvodnja predstavlja ukupnu količinu uglja/ugljena proizvedenu na teritoriji FBiH.

Finalna potrošnja predstavlja ugalj/uglen koji je na raspolaganju krajnjim potrošačima.

## NOTES ON METHODOLOGY

Data on the Balance of coal is based on the results of the of energy surveys as follows: Annual survey on production and consumption of coal (EN-U1-G), Annual survey on production and consumption of electricity (EN-E2-G), Annual survey on production and consumption of thermal energy (EN-T1-G), Annual survey on energy consumption in industry (EN-IND-G), as well as data obtained from the external trade statistics.

Reporting units on production and consumption of coal are enterprises classified according to the Classification of Activities in the Register of Business Entities in section B - Mining and quarrying, C - Manufacturing industry, D - Production and supply of electricity and gas.

Methodology for the balance of coal is harmonized with IEA/OECD standards and Eurostat.

The Annual Report on Coal Production and Consumption collects data on coal production and consumption in various fields.

The production represents the total amount of coal produced in the territory of F BiH.

Final consumption represents coal available to the final consumers.

**Izdaje Federalni zavod za statistiku FBiH, 71000 Sarajevo, Zelenih beretki 26**  
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**Telefon/Phone: +387 (33) 20 64 52, Fax: +387 (33) 22 61 51**  
Elektronska pošta/E-mail: [fedstat@fzs.ba](mailto:fedstat@fzs.ba), Internetska stranica/Web site: <http://www.fzs.ba>

**Odgovorne osobe:**  
**Nusreta Imamović, šef Odsjeka za statistiku industrije, građevinarstva i energije**  
**Muhidin Hadžiahmetović, pomoćnik direktora za Sektor poslovnih statistika**  
**Doc. Dr. Emir Kremić, direktor**

*Persons responsible:*  
*Nusreta Imamović, Head of the Department for Industry, Construction and Energy Statistics*  
*Muhidin Hadžiahmetović, Assistant Director for Sector of business statistics*  
*Assist. Doc. Dr. Emir Kremić, Director General*

**Saopćenje pripremila: Nasiha Jahić**

*Prepared by: Nasiha Jahić*

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