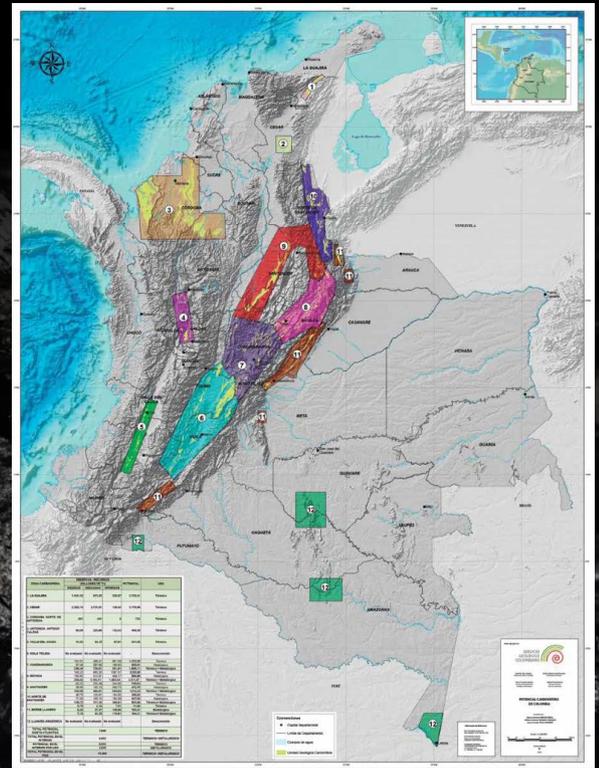




Coal

Of the total mining titles, **97.9%** correspond to small and medium mining, and only **2.1%** to large-scale mining. About **85 %** of coal production is extracted in open-pit mining areas, mainly in the departments of Cesar, La Guajira and Cordoba, with thermal coal primarily for export; the remaining **15 %** is mined mainly underground in the departments of Antioquia, Cauca and Valle del Cauca, with thermal coal, and in the departments of Cundinamarca, Boyacá, Santander and Norte de Santander, with high-quality thermal and metallurgical coal, which besides supplying the domestic market, is also exported.

Coal's primary applications include power generation, cement manufacturing, plastic and fertilizer production, synthesis gas production, and steelmaking (metallurgical coal).



1.003
Mining Titles

80 %
Includes
Metallurgical
Coal



508,901 ha
(0.45 % of national territory)



59 in exploration*
Metallurgical
Coal **12 %**

26 in construction
& assembly *
73 %

918 in exploitation*
85 %

537 with approved technical and environmental instruments

*Titles by contractual stage

607

Proposals

379,732 ha

(0.33 % of national territory)

Source: NMA, - Anna mining, October 31, 2025, data on current mining titles that include coal among the authorized minerals.



Economic Data Colombia

	Production Associated to royalty payments (Million tons)	Royalties (Million USD)	Exports (Million tons - Million FOB USD)
2022 ^P	67.1	1,700.2	60.9 Mt - 12,288.8 M
2023 ^{Pr}	69.3	1,448.2	60.3 Mt - 9,163.3 M
2024 ^{Pr}	59.3	752.2	64.6 Mt - 7,106.6 M



2024 World Rankings

World Production*	(Million tons)	Production in Latin America*	(Million tons)	Consumers*	(Exajoules)
1. China	4,780.0	1. Colombia	59.3	1. China	92.16
2. India	1,085.1	2. Brazil	7.6	2. India	22.97
3. Indonesia	836.1	3. Mexico	5.2	3. USA	7.90
4. USA	464.6	4. Venezuela	0.3	4. Indonesia	4.72
5. Australia	462.9	5. Other LATAM	0.4	5. Japan	4.53
6. Russia	427.2			6. Russia	3.75

13*. Colombia 59.3

At **year 2021**, Colombia has proved reserves by **4,554 Mt** of anthracitic and bituminous coal, the largest in **LATAM (46.6 %)**; correspond to approximately **0.6 %** of the World Reserves.

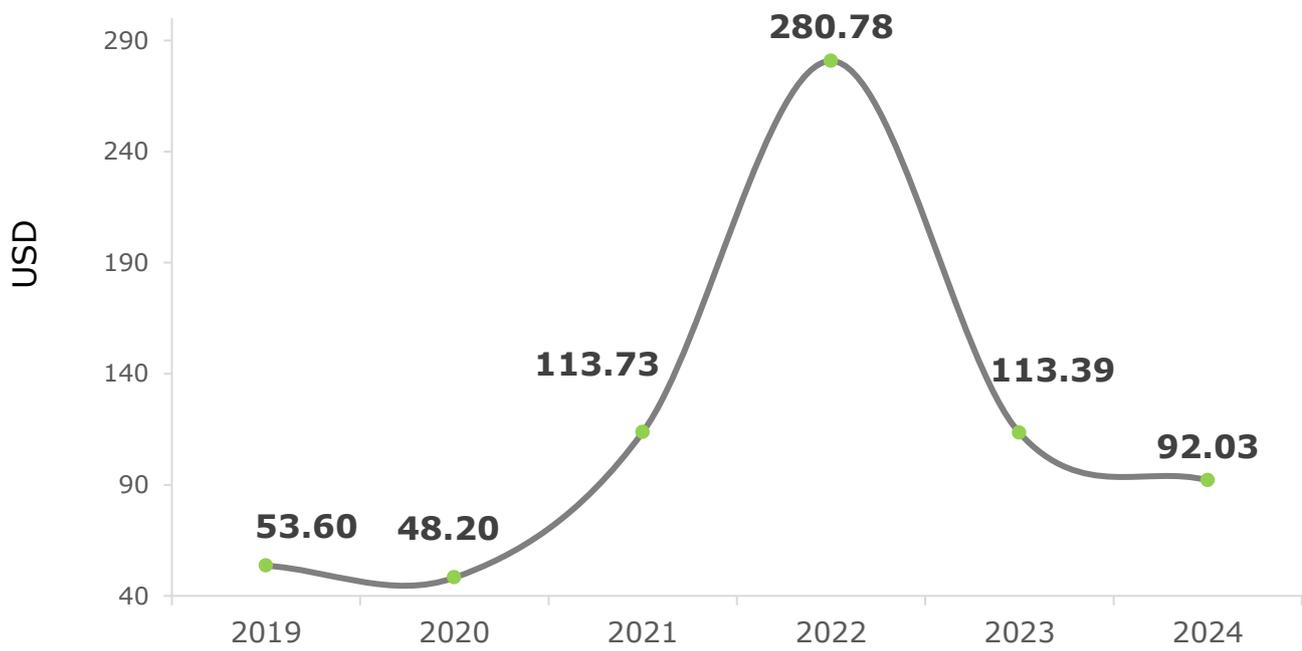


Coal

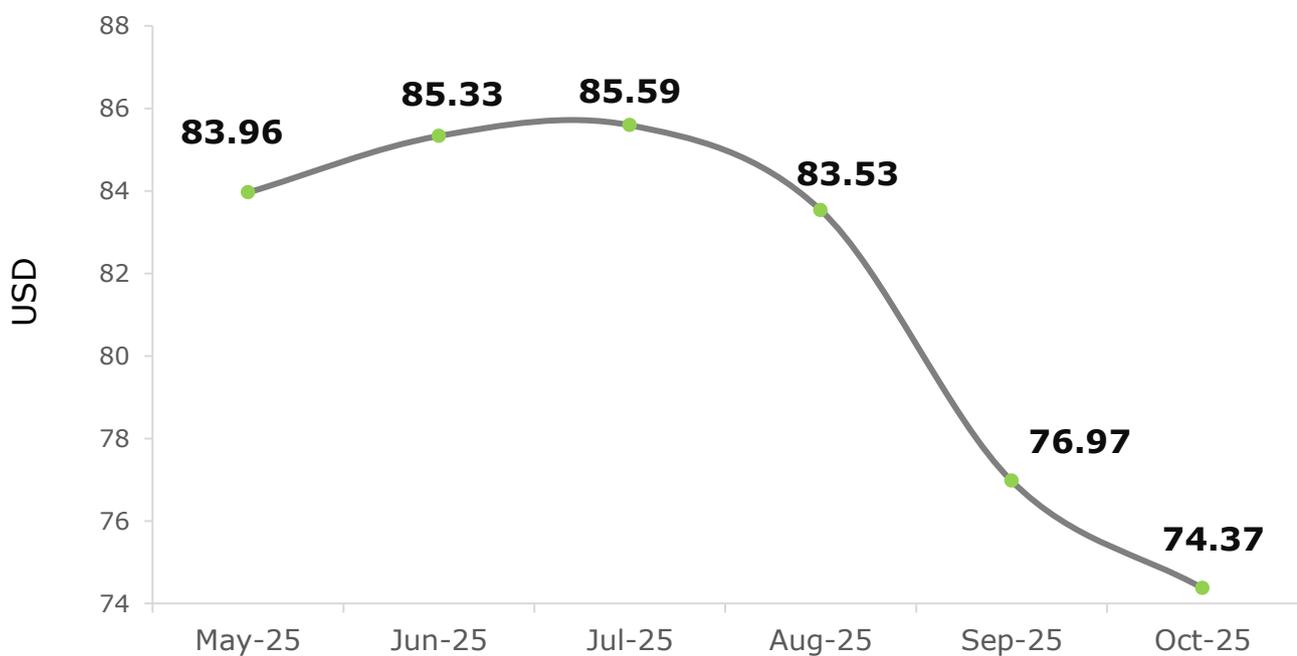


Economic Data

Colombian thermal coal FOB price last 6 years USD/ton



Colombian thermal coal FOB price last 6 months USD/ton





Coal

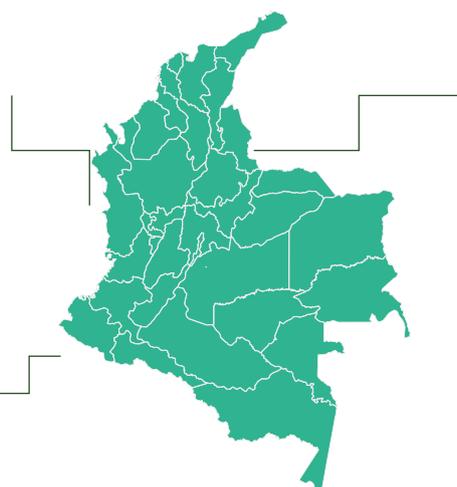


Production

(Associated to royalty payments)

Department	Municipality	2022 ^P (Ton)	2023 ^{Pr} (Ton)	2024 ^{Pr} (Ton)
Cesar	Agustin Codazzi	44,025	827,169	7,532,792
	Becerril	20,380,744	20,607,177	13,218,456
	Chiriguana	353,151		
	El Paso	2,614,094	2,872,983	1,682,337
	La Jagua de Ibirico	6,901,573	8,242,073	6,852,553
La Guajira	Albania	2,547,238	4,037,863	1,737,040
	Barrancas	18,467,327	17,252,062	15,770,149
	Hatonuevo	919,324	1,469,698	4,719
Boyaca	Various	3,583,500	4,057,366	3,953,873
Norte de Santander	Various	4,992,017	4,105,185	4,141,030
Cundinamarca	Various	3,159,432	2,771,006	2,623,415
Cordoba	Puerto Libertador	2,353,506	1,779,696	596,107
	Montelibano		589,433	512,019
Santander	Various	438,542	399,870	396,106
Antioquia	Various	250,239	266,082	171,618
Valle del Cauca	Various	51,386	34,599	18,643
Cauca	Various	10,035	14,967	48,173
Total		67,066,132	69,327,230	59,259,123

In **2024^{Pr}** coal accounted for **52.6% (USD 2,122 million)** of mining GDP, **0.58%** of national GDP and **79.00%** of total mining royalties collected.



Colombia produces high quality thermal and metallurgical coal due to its high calorific value of up to **14,161 BTU/LB** (one of the highest in the world), with low sulfur, ash and moisture content.

In **2024^{Pr}**, Colombian coal production represented **79.7%** of LATAM production and **0.6%** of world production.

*Coal potential of Colombia 2016 (CGS): Coal resources and reserves, 2004 base

Atlantic Coast:	Interior of the country:	Total:
Thermal coal 7,906 Mt	Thermal coal 6,053 Mt	Thermal and Metallurgical coal 16,569 Mt
	Metallurgical coal 2,609 Mt	



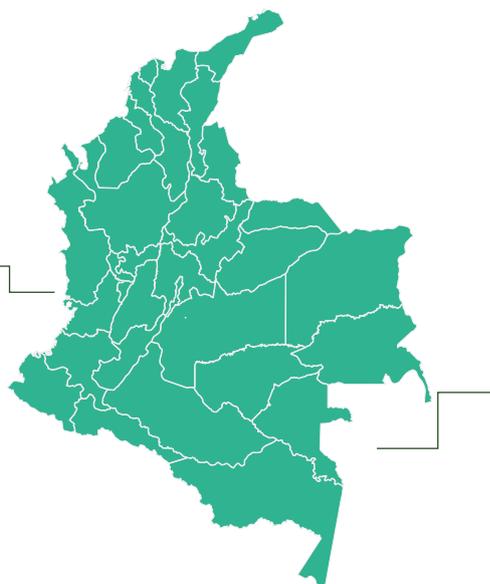
Coal



Coal exports 2024 (Million tons)

Thermal	58.9 Mt
Metallurgical	1.7 Mt
Anthracite and others	0.01 Mt
Coke	4.0 Mt

Colombia is the **sixth largest exporter of coal in the world** with **4.8%** of total exports*; it is also the **fourth largest exporter of coke** with about **10.6%** of world exports**.



Coal accounted for **14.3 %** of the value of Colombian exports and **56.6%** of mining exports in 2024.

Source: SIMCO- UPME, NMA 09/30/2025, DANE. *Bp Statistical Review of World Energy Data 2025. **www.trademap.org. Exchange Rate 2022: Col \$4,255.44. 2023: Col \$4,325.05; 2024: Col \$4,071.35. Mt: Million tons.

Colombian coal exports are transported by sea. Main destinations for thermal coal in 2024: **South Korea 14.69%, Türkiye 11.45%, Netherlands 9.25%, China 8.78%, Mexico 7.95%, Chile 7.66%, Brazil 4.60%, Poland 4.13%, Israel 3.95%, Dominican Republic 3.81%, Taiwan 3.42%, Puerto Rico 2.82%, Guatemala 2.77%, Japan 2.53%, Spain 2.43%, Canada 2.39%, India 2.07%, United Kingdom 0.87%, Germany 0.86%, Morocco 0.50%. Italy 0.44%, Belgium 0.35%, Argentina 0.35%, Peru 0.31%, France 0.27%, Hong Kong 0.26%, Croatia 0.21%. Slovenia 0.20%, Denmark 0.17%, and other countries 0.39%.**

Metallurgical coal: **Brazil 43.21%, China 25.30%, Japan 12.26%, South Korea 6.36%, Türkiye 4.61%, India 3.45%, Indonesia 2.40%, Estonia 1.42%, Chile 0.97%, and Ecuador 0.0004%.**

Main coke destinations during 2024: **Brazil 46.50%, Türkiye 10.00%, India 6.86%. Belgium 5.50%, Norway 4.61%, Argentina 3.99%, United Kingdom 3.82%, Spain 3.01%, South Africa 2.65%, Mexico 2.06%, Malaysia 1.75%, Gabon 1.62%. Sweden 1.50%, New Caledonia 0.93%, Finland 0.89%, Albania 0.79%, Germany 0.78%, Reunion 0.63%, Canada 0.56%, USA 0.52%, Singapore 0.48%, Ukraine 0.32%, Netherlands 0.09%, and other countries 0.13%.**

"Colombia accounts for about 5 % of the world's total seaborne coal trade"*