

MINING BY NUMBERS

2023

In 2023, the mineral sector recorded a 0.7% drop in revenue compared to 2022, totaling R\$248.2 billion (excluding oil and gas). CFEM collection totaled R\$6.86 billion, 2.3% lower than in 2022 (R\$7.02 billion). Brazilian mineral exports reached US\$42.98 billion, an increase of 3.1%. The mineral trade balance of US\$31.95 billion is equivalent to 32% of the Brazilian trade balance, which was US\$98.84 billion.

Mining Sector
Balance:
US\$31.95 bn ^[1]



Commercial balance

Source: Comex Stat

Balance
Brazil:
US\$ 98.84 bn

CFEM fundraisers –
participation in total
fundraising

Source: ANM



Brazil:
R\$ 6.86 bn

2.3% lower than in 2022.

MG: **46.4%**
PA: **39.4%**
BA: **2.5%**
GO: **2.4%**
MT: **1.7%**

^[1] The balance of the mining sector corresponded to 32% of Brazil's balance in 2023.
Source: Comex Stat

TAX COLLECTION

Sector
Revenue



R\$ 248.2 bn

CFEM
Collection



R\$ 6.86 bn

Collection
of other taxes



R\$ 78.8 bn

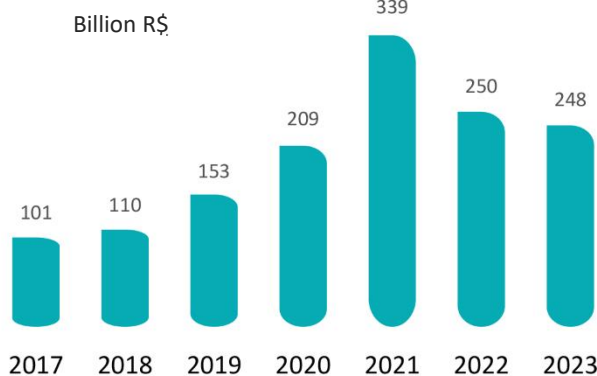
Total collection
including CFEM



R\$ 85.6 bn

Source: ANM, IBRAM

MINING SECTOR REVENUE



- 2,776 municipalities collecting CFEM — 50% of Brazilian municipalities;
- 92 mineral types produced;
- More than 9,000 job positions created between January and November 2023.

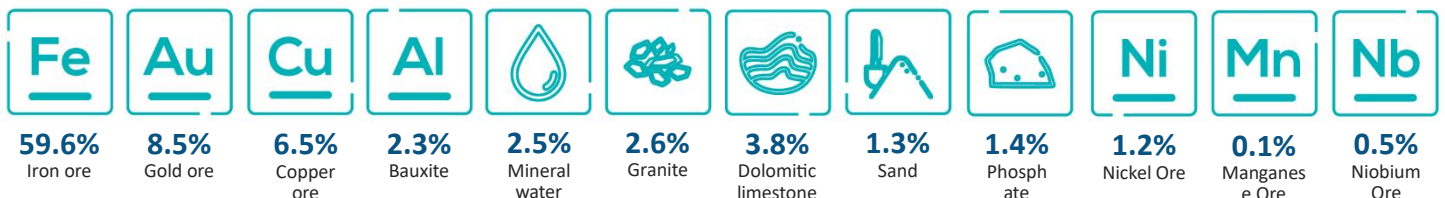


More than 210
thousand direct job
positions

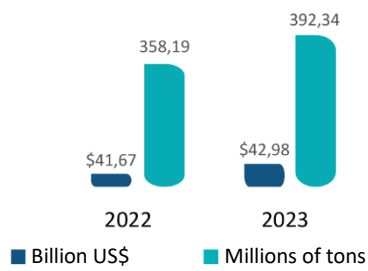


>2.5 million job
positions
throughout the
chain and market

Main substances produced - Share in the sector revenue

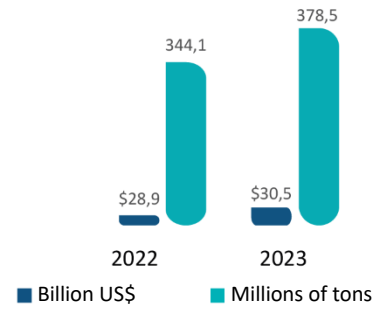


TOTAL EXPORTS



	2022 X 2023
Billion US\$	3,1%
Millions of tons	9,5%

IRON ORE EXPORTS



	2022 X 2023
Billion US\$	5,7%
Millions of tons	10,0%

EXPORTS – OTHER SUBSTANCES

	2022	2023	2022 X 2023
Billion US\$	\$4,9	\$3,5	-28,9%
tons	96,4	77,7	-19,3%

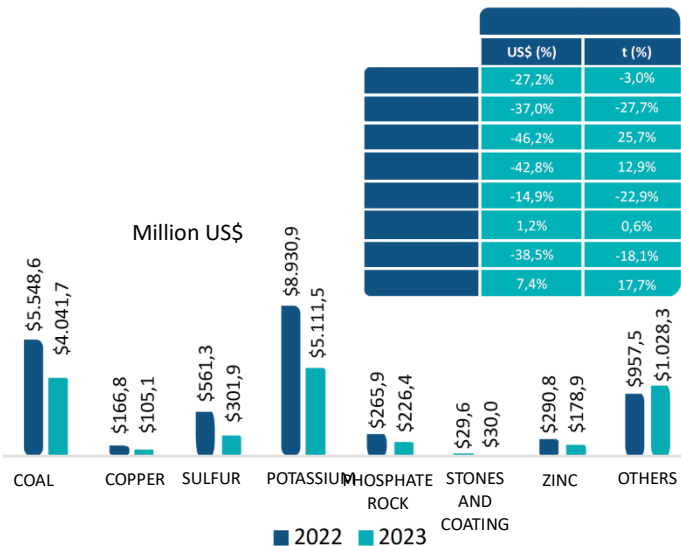
	MILLION US\$		US\$ VARIATION
	2022	2023	2022 X 2023
Bauxite	\$169,1	\$175,6	3,8%
Kaolin	\$156,7	\$100,5	-35,9%
Copper	\$2.744,1	\$3.465,4	26,3%
Manganese	\$128,4	\$143,0	11,3%
Niobium	\$2.059,2	\$2.253,5	9,4%
Stones and Coating	\$1.284,8	\$1.112,2	-13,4%
Others	\$1.326,6	\$1.835,8	38,4%

PRICE OF COMMODITIES

AVERAGE ANNUAL PRICES				
Commodities	Unit	2022	2023	2023 X 2022
Aluminum	US\$/t	2.706,55	2.225,18	-17,8%
Lead	US\$/t	2.152,63	2.130,12	-1,0%
Copper	US\$/t	8.813,98	8.466,12	-3,9%
Tin	US\$/t	31.360,44	26.032,21	-17,0%
Nickel	US\$/t	25.627,23	21.609,30	-15,7%
Zinc	US\$/t	3.484,42	2.636,58	-24,3%
Iron ore	US\$/t	120,23	120,11	-0,1%
Others	US\$/ozt	1.800,90	1.954,22	8,5%

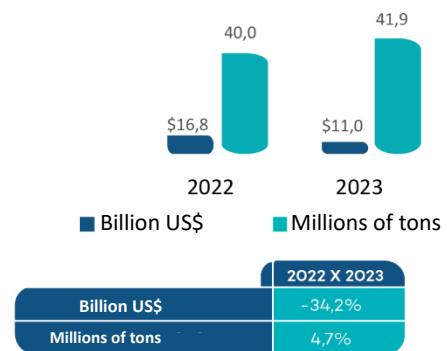
Source: Platts, LME, CME Group, Index Mundi, World Bank.

IMPORTS - SUBSTANCES



Source: Comex Stat. Preparation IBRAM.

TOTAL IMPORTS



	2022 X 2023
Billion US\$	-34,2%
Millions of tons	4,7%

IBRAM, in its role as sector representative and spokesperson for Brazilian mining, is a reference for updated information on the main indicators of the Brazilian mining industry.

Therefore, it continuously works on producing studies and analyzes on the Brazilian and global mineral economy. Information and reports are disclosed through IBRAM website, where the most recent news in the sector is also published.

