

# MINING IN FIGURES

# 2022

In 2022, the mining industry registered a 26% downswing in revenues in comparison with 2021, making a total of BRL 250 billion (excluding oil and gas). The collection of CFEM summed up to BRL 7.08 billion, 32% less as compared with 2021 (BRL 10.3 billion). Brazilian mining exports reached a sum of US\$ 41.7 billion, a 21.3% drop as compared to 2021. The mining trade balance, of almost US\$ 24.9 billion, is equivalent to 40% of the Brazilian trade balance, which was US\$ 61.8 billion.

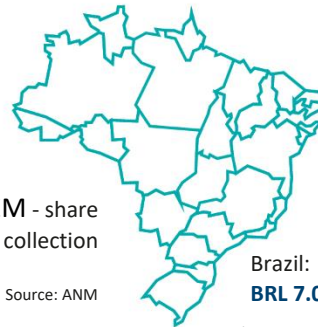
Industry Balance  
Mining:  
**US\$ 24.9 billion**



**Balance sheet balance**  
Source: Comex Stat

Balance of Brazil:  
**US\$ 24.9 billion**  
[1]

[1] The balance of the mining industry corresponded to 40% of Brazil's balance in 2022.  
Source: Comex Stat



Collectors of CFEM - share in total collection

Source: ANM

Brazil:  
**BRL 7.08 billion**

32% HIGHER THAN 2021.

MG: 40.2%  
PA: 36.9%  
BA: 4.1%  
GO: 3.6%  
SP: 3.1%  
MT: 2.7%

## COLLECTION OF TAXES AND FEES

Sector Revenues



**BRL 250**

Collection of CFEM



**BRL 7.08**

Collection of other taxes



**BRL 79.2**

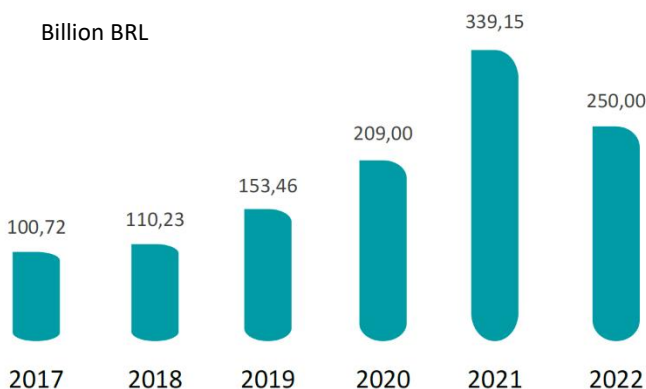
Total collection including CFEM



**BRL 86.2 billion**

## REVENUE OF THE MINING INDUSTRY

Billion BRL



- 2,699 CFEM collecting municipalities — 48% of Brazilian municipalities
- 91 mining typologies produced;
- More than 7,300 companies and individual micro-entrepreneurs.

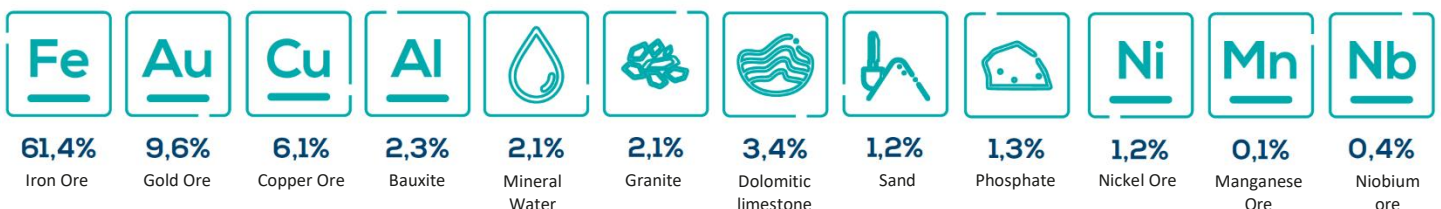


More than 204,000 direct jobs

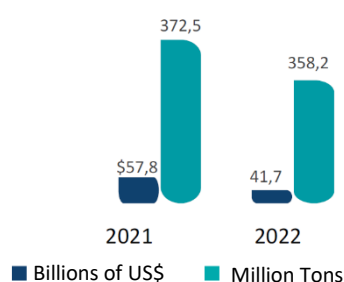


> 2.25 million jobs throughout the chain and market

## Main substances produced - Share in the sector's revenues

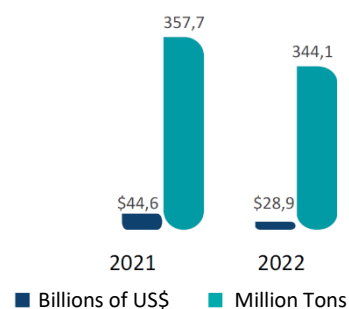


## TOTAL EXPORTS



	2022 X 2021
Billions of US\$	-27,9%
Million Tons	-3,84%

## IRON ORE EXPORTS



	2022 X 2021
Billions of US\$	-35,2%
Million Tons	-3,79%

## EXPORTS - OTHER SUBSTANCES

GOLD	2021	2022	2022 X 2021
Billions of US\$	\$5,3	\$4,9	-7,3%
tons	104,0	96,4	-7,3%

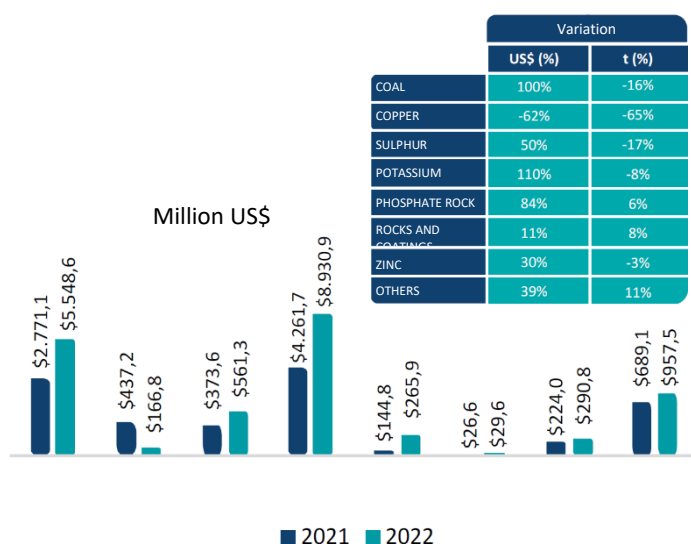
	MILLION US\$		VARIATION US\$	
	2021	2022	US\$ (%)	t (%)
Bauxite	\$183,9	\$169,1	-8%	-20,3%
Kaolin	\$122,2	\$156,7	28%	19,8%
Copper	\$3368,5	\$2744,1	-19%	-11,7%
Manganese	\$171,5	\$128,4	-25%	-35,0%
Niobium	\$2085,1	\$2059,2	-1%	-10,3%
Stones and	\$1338,2	\$1284,8	-4%	-12,8%
Others	\$675,4	\$1326,6	96%	38,9%

## EXPORTS - OTHER SUBSTANCES

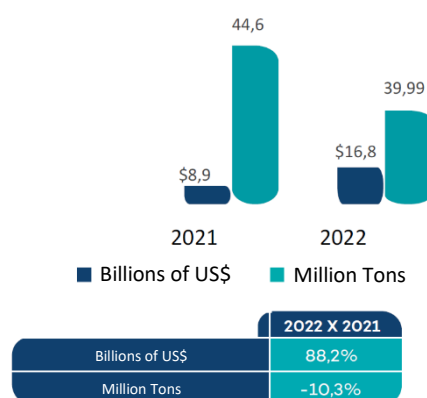
ANNUAL AVERAGE PRICES					
Commodities		2020	2021	2022	2022 X 2021
Aluminum	US\$/t	1.702,02	2.475,25	2.706,55	9,3%
Lead	US\$/t	1.824,04	2.195,97	2.152,63	-2,0%
Copper	US\$/t	6.167,15	9.365,76	8.813,98	-5,9%
Tin	US\$/t	17.132,65	33.051,66	31.360,44	-5,1%
Nickel	US\$/t	13.723,43	18.545,31	25.627,23	38,2%
Zinc	US\$/t	2.263,65	2.996,75	3.484,42	16,3%
Iron ore	US\$/t	108,45	159,93	120,23	-24,8%
Others	US\$/ozt	1.770,25	1.799,75	1.800,90	0,1%

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

## IMPORTS - SUBSTANCES



## TOTAL IMPORTS



Source: Comex Stat Prepared by IBRAM.

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

Therefore, it works continuously in the production of studies and analyses about the Brazilian and the world mineral economy. The disclosure of information and reports is made through IBRAM's site, where the most recent news about the sector are also published.

