Magnesium

Metals

The lightest structural metal, smelted from dolomite or brine and used to alloy aluminum, to make die-cast parts, and to remove sulfur in steelmaking.

Key facts

World production, 2025
1.1 million tonnes

Top producer
China, 86%

Top exporter, unwrought magnesium (HS 810411), 2024
China, 73% of export value

HS code
810411 Magnesium, unwrought, 99.8% or more magnesium

USGS MCS item
Smelter production Primary magnesium metal, smelter production

Also called
Mg, magnesium metal, magnesium ingot

Top producers, 2025

Country	Tonnes	Share
China	950,000	86%
Russia	60,000	5.5%
Brazil	20,000	1.8%
Israel	20,000	1.8%
Turkey (Türkiye)	15,000	1.4%

USGS Mineral Commodity Summaries, MCS 2026.

Top exporters, 2024

Country	Export value	Share
China	664.7 million USD	73%
Israel	131.8 million USD	14%
Turkey (Türkiye)	39.4 million USD	4.3%
Netherlands	32.3 million USD	3.5%
Germany	8.2 million USD	0.9%

CEPII BACI international trade database (HS22, V202601).

Cite as: Commodity Origins, "Magnesium", https://commodityorigins.com/commodities/magnesium/ (CC BY 4.0). Full page, sources and downloads: https://commodityorigins.com/commodities/magnesium/. Text is written with AI assistance and checked against the cited data; figures are computed from the sources (https://commodityorigins.com/about/#how-ai-is-used).