

Copper

January 2, 2026 • vajiramandravi.com



Copper Latest News

Recently, copper prices recorded a fresh all-time high in December, with the benchmark price climbing to over \$12,000 per tonne on the London Metal Exchange (LME).

About Copper

- Copper is a naturally occurring **chemical element** with the **symbol Cu**.
- It is a highly versatile and essential metal, and has been at the core of human development for over 10,000 years.
- **Occurrence:** It is found as a free metal in nature. It also occurs in **minerals** like **chalcocite, chalcopyrite, and bornite**.

Properties of Copper

- **Physical Properties:** It is known for its **high conductivity, malleability, and corrosion resistance**.
- **Recyclability:** Copper is **100% recyclable without** any loss in quality, making it an eco-friendly metal.

Major Copper Reserves in India and World

- **Rajasthan: Khetri** and Jhunjhunu belt.
- **Madhya Pradesh: Malanjkhand mine**, the largest open-pit copper mine in India.
- **Jharkhand:** Singhbhum copper belt.
- **Major Countries with Copper Reserve:** Chile, Australia, Peru and Russia

Applications of Copper

- **Electrical Industry:** Used in wiring, motors, and transformers due to its high conductivity.
- **Construction:** Roofing, plumbing, and heating systems utilize copper.
- **Automobile Industry:** Essential for wiring, radiators, and connectors.
- **Electronics:** It is used in integrated circuits and semiconductors rely heavily on copper.
- **Renewable Energy:** It is crucial for wind turbines, solar panels, and electric vehicles.

Source: IE

Source: <https://vajiramandravi.com/current-affairs/copper/>

© Vajiram & Ravi. For personal use only.