

# The Critical Minerals to China, EU, and U.S. Security

Governments formulate lists of critical minerals according to their industrial requirements and strategic evaluations of supply risks.



China

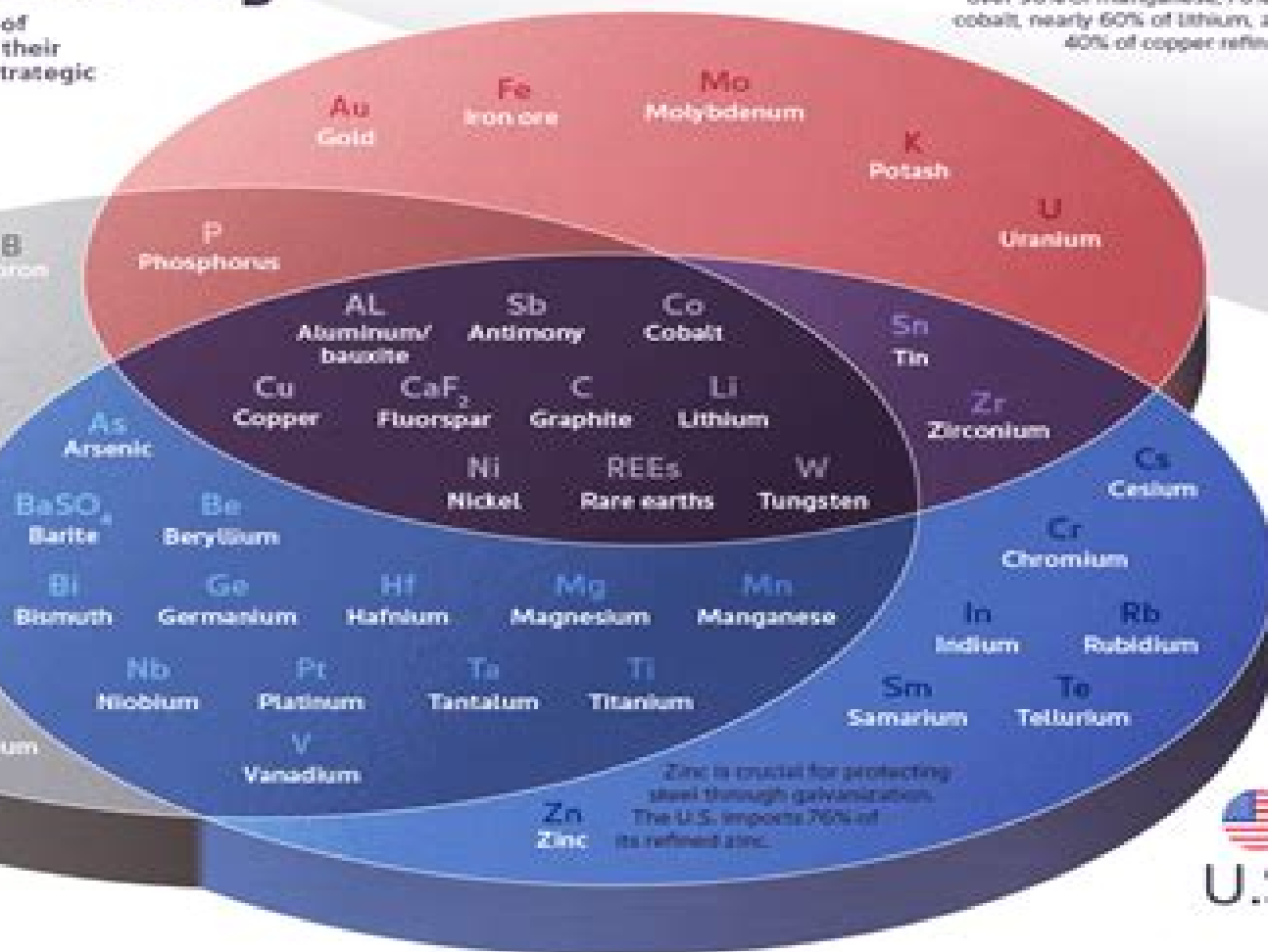
China leads in mineral processing, controlling 100% of the world's refined supply of natural graphite, over 90% of manganese, 70% of cobalt, nearly 60% of lithium, and 40% of copper refining.



EU

Coking Coal  
The European Union is a significant importer of coking coal used in steel production.

B Boron  
Feldspar  
Ga Gallium  
He Helium  
P Phosphorus  
Po Phosphate Rock  
Sc Scandium  
Si Silicon  
Sr Strontium



U.S.

Source: IEA, The U.S. Department of Energy

Note: Data as of September 2020

# National Security And Strategic Minerals

**United States. Congress. Senate.  
Committee on Energy and Natural  
Resources. Subcommittee on Energy  
and Mineral Resources**

## **National Security And Strategic Minerals:**

*National Security and Strategic Minerals* Barry M. Blechman, 2019-03-08 This book analyses the case of cobalt as an illustration of the problems faced by the United States because of its dependencies on foreign sources of strategic minerals It discusses the implications of supply interruptions for security concerns      **Strategic Minerals** Council on Economics and National Security (U.S.), 1980-01-01      Strategic Minerals And National Security Rudolph Black, 1980      **The Role of Strategic and Critical Minerals in Our National and Economic Security** United States. Congress. House. Committee on Resources. Subcommittee on Energy and Mineral Resources, 2003      **National Materials and Minerals Policy** United States. Congress. Senate. Committee on Commerce, Science, and Transportation. Subcommittee on Science, Technology, and Space, 1982      *Mineral Resources and National Security* William Gutteridge, 1984      **Russia National Security and Defence Policy Handbook Volume 1 Strategic Information and Basic Laws** IBP, Inc., 2014-10-07 2011 Updated Reprint Updated Annually Russia National Security and Defense Policy Handbook      **H.R. 2011, "National Strategic and Critical Minerals Policy Act" and H.R. 1314, "Resource Assessment of Rare Earths Act of 2011"** United States. Congress. House. Committee on Natural Resources. Subcommittee on Energy and Mineral Resources, 2012      **Defence Diplomacy and National Security Strategy** Ian Liebenberg, Dirk Kruijt, Shrikant Paranjpe, 2020-04-20 The post cold war era presented security challenges that at one level are a continuation of the cold war era at another level these phenomena manifested in new forms Whether the issues of economics and trade transfer of technologies challenges of intervention or humanitarian crisis the countries of the South previously pejoratively labelled Third World or developing countries have continued to address these challenges within the framework of their capabilities and concerns The volume explores defence diplomacies national security challenges and strategies dynamics of diplomatic manoeuvres and strategic resource management of Latin American southern African and Asian countries      **Energy and Critical Mineral Security in China** Xiaolei Sun, Qiang Ji, 2025-07-02 This book focuses on the hotspots and frontier issues of China's energy and critical mineral security strategy aiming to develop a general framework to understand the new security landscape of constructing a modern energy system and accelerating the low carbon transition It attempts to sketch out the core issues of energy and critical mineral security in China's current and future low carbon transition process and then bring forward a combination of theoretical and empirical analysis on the essential issues This book ranges from general discussions of current essential issues in China's energy and critical mineral security to quantitative analysis of key themes combining the strategy and planning of resource sectors with the practical experience of the energy and mining industry It aims to present an overview of energy and critical mineral security in China's low carbon transition facilitating the demands for both academic research and policy making While the materials can provide useful knowledge to policymakers the book can also inspire new research ideas in the relevant area      Future Problems of the Nation's Critical and Strategic Minerals and Metals Industry United States. Congress. Senate.

Special Committee to Study Problems of American Small Business. Subcommittee on Mining and Minerals Industry,1944  
**Stock Piles of Strategic Minerals** United States. Congress. Senate. Committee on Mines and Mining,1943  
**Strategic Minerals and Materials Policy** United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Energy and Mineral Resources,1981      **National Defense Stockpile** United States. Congress. House. Committee on Armed Services. Subcommittee on Seapower and Strategic and Critical Materials,1981  
Hearings on National Defense Authorization Act for Fiscal Year 1995 United States. Congress. House. Committee on Armed Services. Readiness Subcommittee,1994      *Fiscal Year 1982 Department of Energy, Authorization for National Security Programs* United States. Congress. Senate. Committee on Armed Services. Subcommittee on Strategic and Theater Nuclear Forces,1982      **National Strategic and Critical Minerals Policy Act of 2013** United States. Congress. House. Committee on Natural Resources,2014      **Stock Piles of Strategic Minerals, Hearings Before a Subcommittee ..., on S. 1160 ..., June 24, July 1-2, 1943** United States. Congress. Senate. Committee on Mines and Mining,1943      Strategic Minerals Kenneth A. Kessel,1990      Strategic Minerals and Materials United States. Congress. Senate. Committee on Commerce, Science, and Transportation. Subcommittee on Science, Technology, and Space,1981

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