



## Minerals, Critical Minerals, and the U.S. Economy

By Committee on Critical Mineral Impacts of the U.S. Economy, Committee on Earth Resources, Board on Earth Sciences & Resources, Division on Earth and Life Studies, National Research Council

National Academies Press. Paperback. Book Condition: new. BRAND NEW, Minerals, Critical Minerals, and the U.S. Economy, Committee on Critical Mineral Impacts of the U.S. Economy, Committee on Earth Resources, Board on Earth Sciences & Resources, Division on Earth and Life Studies, National Research Council, Minerals are part of virtually every product we use. Common examples include copper used in electrical wiring and titanium used to make airplane frames and paint pigments. The Information Age has ushered in a number of new mineral uses in a number of products including cell phones (e.g., tantalum) and liquid crystal displays (e.g., indium). For some minerals, such as the platinum group metals used to make catalytic converters in cars, there is no substitute. If the supply of any given mineral were to become restricted, consumers and sectors of the U.S. economy could be significantly affected. Risks to minerals supplies can include a sudden increase in demand or the possibility that natural ores can be exhausted or become too difficult to extract. Minerals are more vulnerable to supply restrictions if they come from a limited number of mines, mining companies, or nations. Baseline information on minerals is currently collected at the federal level, but no...



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