

1. Record Nr.	UNINA9910219982103321
Autore	Silberglitt R. S (Richard S.)
Titolo	Critical materials : present danger to U.S. manufacturing // Richard Silberglitt ... [et al.]
Pubbl/distr/stampa	Santa Monica, Calif., : RAND Corporation, 2013
ISBN	0-8330-7927-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (67 p.)
Disciplina	333.80973
Soggetti	Strategic materials - United States Raw materials - United States Manufacturing industries - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"RAND National Defense Research Institute". "RR-133-NIC"--P. [4] of cover.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Cover; Title Page; Copyright; Preface; Contents; Figures; Tables; Summary; Acknowledgments; Abbreviations; CHAPTER ONE: Introduction; Recent Analyses of Critical Raw Materials; Our Approach; CHAPTER TWO: Concentration of Production of Critical Raw Materials; CHAPTER THREE: China's Role as a Controlling Producer; China's Policies Cause Concern Among Its Customers; China's Customers Pursue Relief at the World Trade Organization; CHAPTER FOUR: Tungsten: Case Example of a Critical Raw Material; Uses and Importance of Tungsten; Tungsten Resources and Reserves; The Tungsten Supply Situation Potential Impacts of the Tungsten Supply Situation CHAPTER FIVE: Conclusions and Response Options; Increasing Resiliency to Supply Disruptions or Market Distortions; Diversifying Production; Long-Term Actions to Increase Resiliency; Foresight of Developing Problems; Appendixes; A. Top Three Producers of the 41 EC Critical Raw Materials; B. The World's Largest Tungsten Deposits; Bibliography
Sommario/riassunto	A high percentage of many raw and semi-finished materials critical to U.S. manufacturing are imported. China is the controlling producer of 11 of these materials and has instituted export restrictions that have led to two-tier pricing, creating pressure to move manufacturing to

China. This report suggests the need for actions to mitigate the impact of such market distortions on the global manufacturing sector.
