

1. Record Nr.	UNINA9910220109103321
Titolo	State level changes in energy intensity and their national implications / / Mark Bernstein ... [et al.] ; prepared for the U.S. Department of Energy
Pubbl/distr/stampa	Santa Monica, CA, : Rand, 2003
ISBN	0-8330-3600-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (117 p.)
Altri autori (Persone)	BernsteinMark (Mark A.)
Disciplina	333.79/16/0973
Soggetti	Energy policy - United States - States Energy conservation - Government policy - United States - States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	At head of title: Science and Technology Policy Institute.
Nota di bibliografia	Includes bibliographical references (p. 93-98).
Nota di contenuto	Cover; Preface; Contents; Figures; Tables; Summary; Acknowledgments; Acronyms; 1. Introduction; Background; Study Objectives; Study Limitations; Future Analysis; Organization of This Report; 2. State-Level Trends in Energy Intensity; 3. Factors Affecting Energy Intensity; Factors That May Explain Differences Across the States; Factors That May Explain Differences Across the Energy-Consuming Sectors; 4. Modeling Energy Intensity; 5. Impact of Factors and Common Effects on Energy Intensity; Total Energy Consumption; Industrial Sector Energy Intensity; Commercial Sector Energy Intensity Residential Sector Energy IntensityTransportation Sector Energy Intensity; Comparing Results from 1977-1987 and 1988-1999; 6. Applying the Analysis Results to Examples of Energy Intensity Outcomes; Industrial Sector Example; Commercial Sector Example; 7. Ranking the States with the Greatest Energy Intensity and Residual Effect Reductions; Energy Intensity Rankings by State Across All Sectors; Industrial Sector Rankings; Commercial Sector Rankings; Residential Sector Rankings; Transportation Sector Rankings 8. What Would Happen to U.S. Energy Intensity If All States Replicated the Top-Ranked or Bottom-Ranked States?9. Conclusions and Thoughts for Future Analysis; A. Data Sources; B. Regression Analysis Results; C. Methodology for Calculating the What-Ifs in Chapter 8; D. Detailed Results of Energy Intensity Analysis; Bibliography
Sommario/riassunto	The 2001 National Energy Policy calls for continued reductions in

energy intensity (energy consumption per dollar of gross economic output). This study was part of an effort to identify state-level factors that may contribute to efficient energy use nationwide. The authors examined changes in energy intensity in 48 states and in the states' energy-consuming sectors from 1977 through 1999. Some factors that may explain differences in states' energy intensity are energy prices, new construction, capacity utilization, population, climate, tech innovations, and government energy policies.
