

1. Record Nr.	UNINA9910820342303321
Titolo	Effective tracking of building energy use : improving the Commercial Buildings and Residential Energy Consumption Surveys // William F. Eddy and Krisztina Marton, editors ; National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2012
ISBN	0-309-25404-3 1-280-38027-6 9786613558183 0-309-25402-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (150 p.)
Altri autori (Persone)	EddyWilliam F MartonKrisztina
Disciplina	696
Soggetti	Buildings - Energy conservation - United States Buildings - Energy consumption - United States Dwellings - Energy conservation - United States Dwellings - Energy consumption - United States Buildings - Energy consumption
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Panel on Redesigning the Commercial Buildings and Residential Energy Consumption Surveys of the Energy Information Administration ; Committee on National Statistics, Division of Behavioral and Social Sciences and Education ; Board on Energy and Environmental Systems, Division on Engineering and Physical Sciences."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Front Matter""; ""Acknowledgments""; ""Contents""; ""Summary""; ""1 Introduction""; ""2 Historical Background""; ""3 Commercial Buildings Energy Consumption Survey Program History and Design""; ""4 Residential Energy Consumption Survey Program History and Design""; ""5 Redesigning the Commercial Buildings Energy Consumption Survey""; ""6 Redesigning the Residential Energy Consumption Survey""; ""7 A State-of-the-Art Energy Consumption Data Collection Program""; ""References""; ""Appendix A: Energy Independence and Security Act of 2007 (P.L. 110-140)""

""Appendix B: Data Users Who Provided Input to the Panel""""Appendix C: U.S. Census Regions and Divisions""; ""Appendix D: U.S. Climate Zones for the 2003 CBECS""; ""Appendix E: Composite Estimation""; ""Appendix F: Letter Report""; ""Appendix G: Glossary""; ""Appendix H: Biographical Sketches of Panel Members and Staff""; ""Committee on National Statistics""; ""Board on Energy and Environmental Systems""

Sommario/riassunto

"The United States is responsible for nearly one-fifth of the world's energy consumption. Population growth, and the associated growth in housing, commercial floor space, transportation, goods, and services is expected to cause a 0.7 percent annual increase in energy demand for the foreseeable future. The energy used by the commercial and residential sectors represents approximately 40 percent of the nation's total energy consumption, and the share of these two sectors is expected to increase in the future. The Commercial Buildings Energy Consumption Survey (CBECS) and Residential Energy Consumption Survey (RECS) are two major surveys conducted by the Energy Information Administration. The surveys are the most relevant sources of data available to researchers and policy makers on energy consumption in the commercial and residential sectors. Many of the design decisions and operational procedures for the CBECS and RECS were developed in the 1970s and 1980s, and resource limitations during much of the time since then have prevented EIA from making significant changes to the data collections. Effective tracking of building energy use makes recommendations for redesigning the surveys based on a review of evolving data user needs and an assessment of new developments in relevant survey methods"--
Publisher's description.
