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ISBN	1-315-35494-2 1-315-37214-2 1-4822-6073-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (522 pages) : illustrations
Disciplina	519.544
Soggetti	Small area statistics Statistical machining
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	A Chapman and Hall book--title page.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction -- 2. Small area estimation -- 3. Indirect estimation : statistical approaches -- 4. Indirect estimation : geographic approaches -- 5. Bayesian prediction-based microdata simulation -- 6. Microsimulation modeling technology for small area estimation -- 7. Applications of the methodologies -- 8. Analysis of small area estimates in capital cities -- 9. Validation and measure of statistical reliability -- 10. Conclusions and computing codes.
Sommario/riassunto	The book gathers information on the theories, applications, advantages, and limitations of all the small area estimation methodologies. It covers direct small area estimation methods, indirect statistical approaches, including empirical best linear unbiased prediction, empirical Bayes and hierarchical Bayes estimation methods.