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Descrizione fisica	1 online resource (xxv, 354 pages) : illustrations (some color)
Collana	Wiley Series in Survey Methodology
Disciplina	001.433
Soggetti	Surveys - Methodology Surveys - Quality control Electronic books.
Lingua di pubblicazione	Inglese
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Sommario/riassunto	"Featuring contributions from well-known international experts, this book addresses the methodological issues involved in administrative data research as well as the various concerns users face with administrative records such as issues of privacy, confidentiality, and legality. The book illustrates numerous real-world examples of administrative data research from various countries, culminating in a comprehensive guide to administrative data in statistical surveys. This historical and international perspective provides readers with a better understanding of the practical applications and approaches needed for improving the quality of surveys, controlling the cost of survey data collection, and integrating administrative data with other data obtained from surveys and censuses. This book also features detailed coverage on the advanced statistical techniques for the control of data quality and reduction in total survey error. The first part of the book focuses on the theory of total administrative records error and provides relevant practices case studies tied to the survey life-cycle, while the second part of the book features the technical issues of processing and

linking administrative data with multiple sources of data in multimode data collection. Bayesian approaches are linked to real-world applications for the use of administrative data in surveys and censuses over the survey life cycle, and the relevance of how these cutting-edge techniques can affect administrative records research is illustrated in key sectors of health, economy, and education. In addition, these technological and statistical innovations are used to advance the systematic integration of administrative data, improve the survey frame, reduce nonresponse follow-up, and assess coverage error. Topical coverage includes: pandata systems to enhance survey and census systems; integration of survey and administrative data for statistical purposes; evaluation of the quality of administrative data; measurement of data quality in register-based statistics; cleaning and using administrative lists; assessing uncertainty; record linkage and assessment of data in health sciences; methods to improve small area estimation; administrative records for imputing nonresponse; Bayesian use of administrative records around census life cycle; use of administrative data in official statistics; application of administrative data in health science; using linking survey and administrative data to improve economic surveys; and administrative sources for censuses with demographic and social statistics"-- Provided by publisher
