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Altri autori (Persone)	BenedettiRoberto <1964->
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Note generali	Based on papers presented at the 1998, 2001, 2004 and 2007 International Conferences on Agricultural Statistics.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Agricultural Survey Methods; Contents; List of Contributors; Introduction; 1 The present state of agricultural statistics in developed countries: situation and challenges; 1.1 Introduction; 1.2 Current state and political and methodological context; 1.2.1 General; 1.2.2 Specific agricultural statistics in the UNECE region; 1.3 Governance and horizontal issues; 1.3.1 The governance of agricultural statistics; 1.3.2 Horizontal issues in the methodology of agricultural statistics; 1.4 Development in the demand for agricultural statistics; 1.5 Conclusions; Acknowledgements; Reference Part I Census, Frames, Registers and Administrative Data2 Using administrative registers for agricultural statistics; 2.1 Introduction; 2.2 Registers, register systems and methodological issues; 2.3 Using registers for agricultural statistics; 2.3.1 One source; 2.3.2 Use in a farm register system; 2.3.3 Use in a system for agricultural statistics linked with the business register; 2.4 Creating a farm register: the population; 2.5 Creating a farm register: the statistical units; 2.6 Creating a farm register: the variables; 2.7 Conclusions; References

3 Alternative sampling frames and administrative data. What is the best data source for agricultural statistics?3.1 Introduction; 3.2 Administrative data; 3.3 Administrative data versus sample surveys; 3.4 Direct tabulation of administrative data; 3.4.1 Disadvantages of direct tabulation of administrative data; 3.5 Errors in administrative registers; 3.5.1 Coverage of administrative registers; 3.6 Errors in administrative data; 3.6.1 Quality control of the IACS data; 3.6.2 An estimate of errors of commission and omission in the IACS data; 3.7 Alternatives to direct tabulation
3.7.1 Matching different registers3.7.2 Integrating surveys and administrative data; 3.7.3 Taking advantage of administrative data for censuses; 3.7.4 Updating area or point sampling frames with administrative data; 3.8 Calibration and small-area estimators; 3.9 Combined use of different frames; 3.9.1 Estimation of a total; 3.9.2 Accuracy of estimates; 3.9.3 Complex sample designs; 3.10 Area frames; 3.10.1 Combining a list and an area frame; 3.11 Conclusions; Acknowledgements; References; 4 Statistical aspects of a census; 4.1 Introduction; 4.2 Frame; 4.2.1 Coverage; 4.2.2 Classification
4.2.3 Duplication4.3 Sampling; 4.4 Non-sampling error; 4.4.1 Response error; 4.4.2 Non-response; 4.5 Post-collection processing; 4.6 Weighting; 4.7 Modelling; 4.8 Disclosure avoidance; 4.9 Dissemination; 4.10 Conclusions; References; 5 Using administrative data for census coverage; 5.1 Introduction; 5.2 Statistics Canada's agriculture statistics programme; 5.3 1996 Census; 5.4 Strategy to add farms to the farm register; 5.4.1 Step 1: Match data from E to M; 5.4.2 Step 2: Identify potential farm operations among the unmatched records from E
5.4.3 Step 3: Search for the potential farms from E on M

Sommario/riassunto

Due to the widespread use of surveys in agricultural resources estimation there is a broad and recognizable interest in methods and techniques to collect and process agricultural data. This book brings together the knowledge of academics and experts to increase the dissemination of the latest developments in agricultural statistics. Conducting a census, setting up frames and registers and using administrative data for statistical purposes are covered and issues arising from sample design and estimation, use of remote sensing, management of data quality and dissemination and analysis of