

1. Record Nr.	UNINA9910841372803321
Autore	Biemer Paul P
Titolo	Introduction to survey quality [[electronic resource] ] / Paul P. Biemer, Lars E. Lyberg
Pubbl/distr/stampa	Hoboken, NJ., : Wiley, c2003
ISBN	1-280-36627-3 9786610366279 0-470-30177-5 0-471-45872-4 0-471-45874-0
Descrizione fisica	1 online resource (420 p.)
Collana	Wiley series in survey methodology
Altri autori (Persone)	LybergLars
Disciplina	001.4/33 001.433 519.5
Soggetti	Sampling (Statistics) Surveys - Evaluation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 377-395) and index.
Nota di contenuto	Introduction to Survey Quality; Contents; Preface; 1. The Evolution of Survey Process Quality; 1.1. The Concept of a Survey; 1.2. Types of Surveys; 1.3. Brief History of Survey Methodology; 1.4. The Quality Revolution; 1.5. Definitions of Quality and Quality in Statistical Organizations; 1.6. Measuring Quality; 1.7. Improving Quality; 1.8. Quality in a Nutshell; 2. The Survey Process and Data Quality; 2.1. Overview of the Survey Process; 2.2. Data Quality and Total Survey Error; 2.3. Decomposing Nonsampling Error into Its Component Parts; 2.4. Gauging the Magnitude of Total Survey Error 2.5. Mean Squared Error2.6. Illustration of the Concepts; 3. Coverage and Nonresponse Error; 3.1. Coverage Error; 3.2. Measures of Coverage Bias; 3.3. Reducing Coverage Bias; 3.4. Unit Nonresponse Error; 3.5. Calculating Response Rates; 3.6. Reducing Nonresponse Bias; 4. The Measurement Process and Its Implications for Questionnaire Design; 4.1. Components of Measurement Error; 4.2. Errors Arising from the Questionnaire Design; 4.3. Understanding the Response Process; 5.

Errors Due to Interviewers and Interviewing; 5.1. Role of the Interviewer; 5.2. Interviewer Variability  
5.3. Design Factors that Influence Interviewer Effects5.4. Evaluation of Interviewer Performance; 6. Data Collection Modes and Associated Errors; 6.1. Modes of Data Collection; 6.2. Decision Regarding Mode; 6.3. Some Examples of Mode Effects; 7. Data Processing: Errors and Their Control; 7.1. Overview of Data Processing Steps; 7.2. Nature of Data Processing Error; 7.3. Data Capture Errors; 7.4. Post-Data Capture Editing; 7.5. Coding; 7.6. File Preparation; 7.7. Applications of Continuous Quality Improvement: The Case of Coding; 7.8. Integration Activities  
8. Overview of Survey Error Evaluation Methods8.1. Purposes of Survey Error Evaluation; 8.2. Evaluation Methods for Designing and Pretesting Surveys; 8.3. Methods for Monitoring and Controlling Data Quality; 8.4. Postsurvey Evaluations; 8.5. Summary of Evaluation Methods; 9. Sampling Error; 9.1. Brief History of Sampling; 9.2. Nonrandom Sampling Methods; 9.3. Simple Random Sampling; 9.4. Statistical Inference in the Presence of Nonsampling Errors; 9.5. Other Methods of Random Sampling; 9.6. Concluding Remarks; 10. Practical Survey Design for Minimizing Total Survey Error  
10.1. Balance Between Cost, Survey Error, and Other Quality Features10.2. Planning a Survey for Optimal Quality; 10.3. Documenting Survey Quality; 10.4. Organizational Issues Related to Survey Quality; References; Index

---

## Sommario/riassunto

Peruse the history of survey research and the essential concepts for data quality. With an emphasis on total survey error, the authors review principles and concepts in the field and examine important unresolved issues in survey methods. Spanning a range of topics dealing with the quality of data collected through the survey process, they focus on such key issues as: Major sources of survey error, examining the origins of each error source most successful methods for reducing errors from those sourcesMethods most often used in practice for evaluating the effects of the source on

---