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Nota di contenuto	Foreword -- Preface -- Part I: Concepts and Designs in Epidemiology; An Introduction to Epidemiology, History of Epidemiological Methods and Concepts (NEW), Basic Concepts, Rates, Risks, Measures of Association and Impact, Descriptive Studies, Cohort Studies, Case-Control Studies, Modern Epidemiological Study Designs, Intervention Trials, Cluster Randomized Trials (NEW), Community-Based Health Promotion, Internet Based Epidemiology (NEW) -- Part II: Methodological Approaches in Epidemiology; Design and Planning of Epidemiological Studies, Quality Control and Good Epidemiological Practice, Epidemiological Field Work in Population-Based Studies, Exposure Assessment, Misclassification (NEW), Confounding and Interaction, Sensitivity Analysis and Bias Analysis (NEW), Use of Health Registers, Emergency and Disaster Health Surveillance (NEW), Screening, Epidemiology in Developing Countries, Health Services Research, Ethical Aspects of Epidemiological Research -- Part III: Statistical Methods in Epidemiology; Statistical Inference (NEW), Data Management in Epidemiology (NEW), Sample Size Determination in Epidemiological Studies, Analysis of Continuous Covariates and Dose-

Effect Analysis, Regression Methods for Epidemiological Analysis, Bayesian Methods in Epidemiology (NEW), Survival Analysis, Measurement Error, Missing Data, Generalized Estimating Equations (NEW), Meta-Analysis in Epidemiology, Geographical Epidemiology, Statistical Methods in Genetic Epidemiology, Directed Acyclic Graphs (NEW) -- Part IV: Exposure-oriented Epidemiology; Life Course Epidemiology (NEW), Social Epidemiology, Occupational Epidemiology, Environmental Epidemiology, Nutritional Epidemiology, Reproductive Epidemiology, Molecular Epidemiology, Clinical Epidemiology of Evidence-Based Health Care, Pharmacoepidemiology, Physical Activity Epidemiology (NEW), Radiation Epidemiology (NEW) -- Part V: Outcome-oriented Epidemiology; Infectious Disease Epidemiology, Cardiovascular Health and Disease, Cancer Epidemiology, Musculoskeletal Disorders, Epidemiology of Obesity (NEW), Epidemiology of Respiratory Allergies and Asthma (NEW), Epidemiology of Dental Diseases (NEW), Epidemiology of Digestive Diseases (NEW), Epidemiology of Psychiatric Disorders (NEW), Epidemiology of Diabetes (NEW).

Sommario/riassunto

This 5-volume reference covers the entire field of epidemiology, from statistical methods and study design, to specialized areas such as molecular epidemiology, and applications in clinical medicine and health services research. This updated edition of the Handbook of Epidemiology adds 20 new chapters on: History of Epidemiological Methods and Concepts, Cluster Randomized Trials, Internet-Based Epidemiology, Misclassification, Sensitivity Analysis and Bias Analysis, Emergency and Disaster Health Surveillance, Statistical Inference, Data Management in Epidemiology, Bayesian Methods in Epidemiology, Generalized Estimating Equations, Directed Acyclic Graphs, Life Course Epidemiology, Physical Activity Epidemiology, Radiation Epidemiology, Epidemiology of Obesity, Epidemiology of Respiratory Allergies and Asthma, Epidemiology of Dental Diseases, Epidemiology of Digestive Diseases, Epidemiology of Psychiatric Disorders, Epidemiology of Diabetes. All other chapters are extensively revised from the 1st edition. This is a reference for epidemiological researchers and graduate students in public health.
