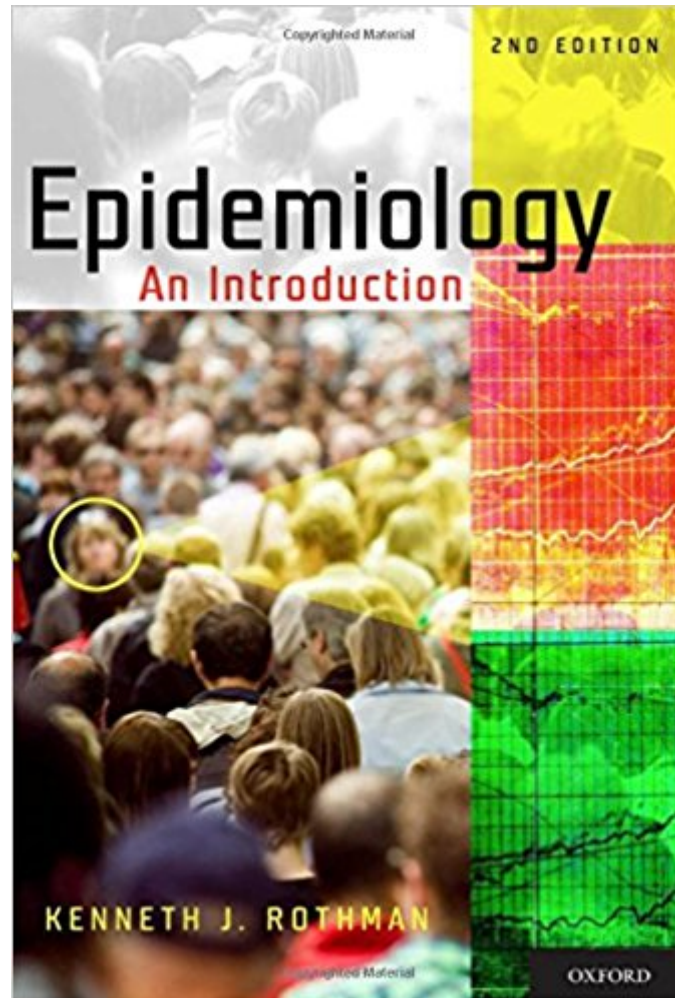




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# Epidemiology: An Introduction



## Synopsis

Across the last forty years, epidemiology has developed into a vibrant scientific discipline that brings together the social and biological sciences, incorporating everything from statistics to the philosophy of science in its aim to study and track the distribution and determinants of health events. A now-classic text, the second edition of this essential introduction to epidemiology presents the core concepts in a unified approach that aims to cut through the fog and elucidate the fundamental concepts. Rather than focusing on formulas or dogma, the book presents basic epidemiologic principles and concepts in a coherent and straightforward exposition. By emphasizing a unifying set of ideas, students will develop a strong foundation for understanding the principles of epidemiologic research.

## Book Information

Paperback: 280 pages

Publisher: Oxford University Press; 2 edition (June 4, 2012)

Language: English

ISBN-10: 0199754551

ISBN-13: 978-0199754557

Product Dimensions: 9.2 x 0.7 x 6.1 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: 4.1 out of 5 stars 28 customer reviews

Best Sellers Rank: #30,657 in Books (See Top 100 in Books) #35 in [Books > Textbooks > Medicine & Health Sciences > Research > Epidemiology](#) #42 in [Books > Medical Books > Administration & Medicine Economics > Public Health > Epidemiology](#) #128 in [Books > Textbooks > Medicine & Health Sciences > Reference](#)

## Customer Reviews

"This is an excellent introduction to the principles and concepts of epidemiology. In a little over 200 pages Rothman covers all the essential topics for an introductory graduate level course in epidemiology." --European Journal of Public Health  
"Epidemiology: An Introduction is a superb addition to other publications that have appeared in the past decade. The author has achieved the stated goal of providing a coherent overview of epidemiologic principles and concepts."--American Journal of Epidemiology  
"Kenneth Rothman has taken the time to write a short and excellent introductory epidemiology textbook....Frequently introductory texts strive for brevity through superficiality of coverage. Rothman chose a different approach: selectivity of subject matter. As a

result, *Epidemiology: An Introduction* provides an exceptionally lucid overview of analytic epidemiology.... The mix of text, graphics, tables, and sidebars that is used throughout the book proves very useful in explicating important concepts such as confounding, interaction, study design, and biases, which may be challenging to the student in an introductory course.... The clarity of expression in this book should be an inspiration to other authors and teachers of epidemiology."--The Epidemiology Monitor"This text is ideal for beginners in epidemiological statistics to learn the terminology and understand how and when to use statistical tools. The text focuses on concepts, not on mathematics, and discusses statistical techniques in the context of the real problems they can solve. This text bridges the gap between what is taught in an introductory statistics text and what you need to be an effective researcher and analyst." -- STATA "In summary, this book is a brilliant introductory book to learn concepts of epidemiology. In contrast to the many available introductory books (several of them written in a naive way), this book does not trivialize these concepts. It perfectly prepares the reader for the reference book of epidemiologic methods entitled "*Modern Epidemiology*" by Rothman et al... I am not aware of any other introductory book of epidemiology that presents these many epidemiologic concepts. It is a perfect--although demanding--reader for an introductory course of epidemiology in master programs of epidemiology, public health, and at medical schools." -- European Journal of Epidemiology"Students and scholars who pursue epidemiology as a career should find this book a useful addition to their library. It does not present different basic concepts and methods than other introductory books do, but it does provide insights into how they developed and should be interpreted. This is a worthwhile new edition." -- Doody's

Kenneth J. Rothman, DrPH, is a Distinguished Fellow at RTI International, an independent nonprofit research institute dedicated to improving the human condition. He is also Professor in the Departments of Epidemiology and Medicine at Boston University. His research interests in epidemiology have spanned a wide range of health problems, including cancer, cardiovascular disease, neurologic disease, birth defects, injuries, environmental exposures, and drug epidemiology, but his main career focus has been the development and teaching of the concepts and methods of epidemiologic research.

This is an excellent book or not depending on your career/major interests. If you are planning to do a PhD in Epidemiology, this is the book that you would want to read for an introductory class. Instead, if you are doing a Masters in Public Health and Epidemiology is one of the required courses

that you have to take, this will probably be too dense for you and probably will confuse you. I would suggest Epidemiology by Leon Grdis for such students. The new version is similar to the previous version except that the authors have added a chapter on the history of Epidemiology which I didn't like as it was written in a boring way and too dense. I am giving this book 4 stars for the outstanding content and being probably the only introductory book that introduces Epidemiology concepts correctly. However, I thought the previous edition of the book was better!

I have Modern Epidemiology by the same author and I had not bought this book because I thought it had only basic concepts but it was a very good surprise when I found many concepts that reinforced what I learned in the master of epidemiology that I completed. Besides, the author shows a lot of good examples that make it easier to understand the point he has in mind.

This is the most concise, accessible, and essential introduction to the concepts of modern epidemiology that I have seen. Highlights include the excellent explanations of confounding and interaction, the enlightened approach to case-control studies, and why testing for statistical significance is often of little practical significance. This book is perfect for public health students at any level, and should be required reading for every epidemiologist.

Clear, concise, easy-to-read book. It was required for my graduate level intro to epidemiology course and I think it's been an effective learning tool.

Still reads like any Rothman text but a great, slightly-easier-to-read (and as a consequence, not as detailed) version of his Modern Epidemiology (3rd) text.

a bit technical of a book, and you really have to pay attention. But the book arrived in great condition.

I purchased this for a faculty member. I haven't receive any complaints so I'm assuming the like the book.

not the worst but not the greatest. i strongly prefer the text by gordis.

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