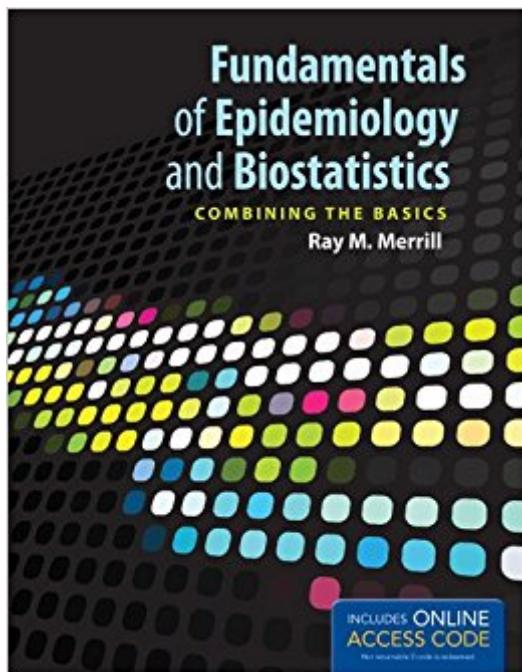


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# Fundamentals Of Epidemiology And Biostatistics



## **Synopsis**

This book will familiarize students with basic principles of epidemiology and biostatistics. Designed for use in a single course, it will clarify the distinction and complementary roles of epidemiology and biostatistics in a range of settings, and train students on the complementary roles epidemiology and biostatistics play in carrying out selected activities in the health professions. After completing this book, the student should be able to:

- Describe epidemiological methods and study designs
- Select appropriate methodologies for epidemiological investigation
- Use the epidemiological process to address health care problems
- Evaluate environmental epidemiology and population surveillance
- Describe epidemiological measures of health
- Distinguish the roles and relationships between epidemiology and statistics
- Combine appropriate epidemiological concepts and statistical measures
- Calculate probabilities and conditional probabilities of health-related events

## **Book Information**

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## **Customer Reviews**

I am an online student. While providing examples and practice questions, the author neglects to explain symbols in the formulas requiring frequent hunts almost every other page for explanations online and or finding videos to compensate. The author could have taken time to put in a few words to explain what these were. The statistic tables were also different and those differences were poorly explained. I found another book to use for them. Certainly for a class that is only a few weeks long and online I think the book was a poor choice by the university faculty. The book would be

better in a class with an instructor who is familiar with the book's shortcomings but not for an online 6 week course. Any instructor should definitely go through it first to prepare for the barrage of questions from frustrated students.

This book was required for my class but it was so hard to understand and in my opinion did not do a very good job of teaching and helping me learn the concepts of epidemiology and biostatistics and it is not because I hadn't taken statistics courses in the past because I had.

I would not recommend this book. Having taken statistics in the past, I found this book to be clear as mud. I found myself using other methods to explain the examples in this book. The tables in this book were not standard to other tables. Over all not a clear, user friendly book. Stay far away if you have the choice!!!

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