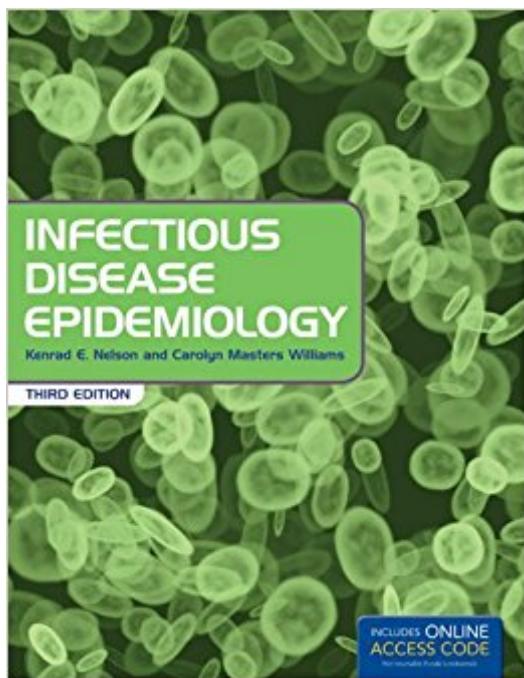


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# Infectious Disease Epidemiology: Theory And Practice



## Synopsis

Now in its third edition, this comprehensive volume is recognized as the most authoritative review of the epidemiology of infectious disease. Divided into five sections that cover methods in infectious disease epidemiology, airborne transmission, diarrheal diseases, blood and body fluid as a reservoir of infectious diseases, vectorborne and parasite disease, the book includes state-of-the-art chapters on methodological issues, pathogenesis, and comprehensive reviews of virtually all known infectious diseases. New to the Third Edition: 1. All chapters updated with significant new information 2. HIV chapter completely updated including results of trials of Male Circumcision, HIV-vaccines, female condoms, Microbicides and new drugs 3. New chapter on Infectious Disease Eradication (e.g. Smallpox, Polio, Measles) 4. New chapter on Pneumococcal Disease (with material on *S. pneumonia* moved from the ARI and Vaccine chapters) 5. Influenza chapter updated with new material on H1/N1 and control/prevention of Influenza during a pandemic 6. Consolidation of material from the chapters on Outbreaks and Surveillance. 7. Nosocomial Infection chapter is shortened and updated with a new section on nosocomial/community MRSA 8. Malaria chapter updated with new information on bed nets, prophylactic therapy of pregnant women and other high risk populations as well as new detailed examination of the organization, implementation, and accomplishments of the WHO's Roll-Back Malaria program; and a new description of the 5th Human Malaria parasite *P. knowlesi* and its Epidemiology. 9. STD chapter is updated with new information on the rapid diagnosis of STDs using urine PCR-methods as well as new information on partner prophylactic treatment of STDs 10. New information in Chickengunya virus, Enterovirus 71, Nipah and Hendra virus infections to the Emerging infections chapter. 11. Hepatitis chapter is revised with new information on HEV virus 12. New brief chapter discussing the various models of behavioral change that are useful in Infectious Diseases research e.g. Health Belief model etc.

## Book Information

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## Customer Reviews

I'm currently an MPH student concentrating in infectious disease epidemiology. This book was required for my first infectious disease epidemiology course, and it quickly became a favorite that I will cherish forever. The text is exceedingly detailed, with excellent and thorough descriptions, useful graphics, and chapters written by leading experts in the field. How many textbooks can you honestly say you'd enjoy curling up with and reading for pleasure? Most are dry and sleep-inducing, while Dr. Nelson's text is as engaging as it is informative. The scope is broad and deep. If you buy only one book on infectious disease epidemiology, make it this one. (But really, do yourself a favor and also buy Giesecke's Modern Infectious Disease Epidemiology and the APHA's Control of Communicable Diseases Manual; these three books were made for each other.)

I'm one class away from finishing a master's in epidemiology and this may be the best epidemiology textbook I've read. The authors are clearly passionate about the topic and convey a tremendous amount of information while engaging the reader. The only area that I thought was neglected was maternal/child transmission of infectious diseases. Although this was somewhat covered in the subchapters on specific diseases, a full chapter related to the maternal immune system changes during pregnancy, the role of the placenta in preventing or failure to prevent infection of the fetus, and other considerations unique to pregnancy would be welcome. This edition was released in 2014, before the Zika epidemics hit, so I would expect that future editions would cover these topics in greater detail.

Really informative. Huge book; don't let that intimidate you.

In-depth and comprehensive overview of infectious disease epidemiology. At the end of each chapter, the author provides a plethora of references relevant to the information cited. A great reference for beginner and experienced ID epidemiologist alike. I highly recommend.

Purchased for one of my graduate classes. It's full of interesting facts but considering a bulk of the book is just reference pages combined with a lack of color or graphics on the page make this a tough read.

excellent and up to date. Easy to read and comprehensive. Material is well organized and appears to be devoid of bias. An excellent addition to my public health library.

All you need to know about infectious diseases epidemiology. Clearly written and very up to date, comprehensive yet easy to read.

good clean book, like new

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