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Dictionary of Veterinary Epidemiology *Dictionary of Veterinary Epidemiology Wiley-Blackwell* A comprehensive, alphabetized dictionary of terms used in veterinary epidemiology, this book is an expanded translation of the only dictionary of veterinary epidemiology in the world, *Glossaire d'épidémiologie animale*. An invaluable reference and teaching tool for anyone with an interest in animal health issues, the book will enhance communication on the numerous issues arising with the new animal-based industries and expanded markets for animal products. With this in mind, the editors have extended the scope of the book beyond strictly epidemiologic terms to include the basic nomenclature of economics and biostatistics, two important disciplines associated with epidemiology and animal health. The dictionary's international perspective should make it particularly useful as population-based problem solving becomes a global concern. A **Dictionary of Epidemiology** *Oxford University Press, USA* This edition is the most updated since its inception, is the essential text for students and professionals working in and around epidemiology or using its methods. It covers subject areas - genetics, clinical epidemiology, public health practice/policy, preventive medicine, health promotion, social sciences and methods for clinical research. **Veterinary Epidemiology An Introduction** *John Wiley & Sons* Are you studying a course in veterinary epidemiology? Do you need a book that explains epidemiology in an understandable way? Dirk Pfeiffer is Professor of Veterinary Epidemiology at the Royal Veterinary College in London, UK. He has designed and taught international training courses in epidemiology all over the developed and developing world, from Australia to Vietnam. He currently provides scientific expertise to the European Food Safety Authority, the European Commission, DEFRA, the United Nation's Food and Agriculture Organization and various national governments. He has over 20 year's practical experience in the field and continues to work on some of the most high profile cases of global animal health. Dirk brings his wealth of knowledge to this concise introduction to the subject. This book covers all the core principles you need to know for your epidemiology course, including: The basic epidemiological concepts Understanding and designing epidemiological studies Measuring cause-effect relationships Statistical analysis and bias Sampling methodology Interpreting diagnostic tests The basic concepts of disease control and eradication The book will also be of use to animal health professionals who need an easy-to-understand introduction to the subject **Veterinary Epidemiology** *John Wiley & Sons* A comprehensive introduction to the role of epidemiology in veterinary medicine This fully revised and expanded edition of **Veterinary Epidemiology** introduces readers to the field of veterinary epidemiology. The new edition also adds new chapters on the design of observational studies, validity in epidemiological studies, systematic reviews, and statistical modelling, to deliver more advanced material. This updated edition begins by offering an historical perspective on the development of veterinary medicine. It then addresses the full scope of epidemiology, with chapters covering causality, disease occurrence, determinants, disease patterns, disease ecology, and much more. **Veterinary Epidemiology, Fourth Edition:** ● Features updates of all chapters to provide a current resource on the subject of veterinary epidemiology ● Presents new chapters essential to the continued advancement of the field ● Includes examples from companion animal, livestock, and avian medicine, as well as aquatic animal diseases ● Focuses on the principles and concepts of epidemiology, surveillance, and diagnostic-test validation and performance ● Includes access to a companion website providing multiple choice questions **Veterinary Epidemiology** is an invaluable reference for veterinary general practitioners, government veterinarians, agricultural economists, and members of other disciplines interested in animal disease. It is also essential reading for epidemiology students at both the undergraduate and postgraduate levels. **Saunders Comprehensive Veterinary Dictionary** *Elsevier Health Sciences* **Saunders Comprehensive Veterinary Dictionary, 5th Edition** includes the veterinary technical and scientific words and phrases you might encounter in practice. With well over 60,000 main and subentries including large animals, small animals, and exotics, presented in a user-friendly format, the fifth edition continues its legacy as the most comprehensive dictionary reference in the veterinary field. Completely revised and updated for today's veterinary team, it now includes an all-new companion Evolve site, which hosts an audio glossary of 1,200 common veterinary terms and an image collection featuring high-quality images from the book. The online site also includes printable appendices with essential reference information including conversion charts and blood groups of domestic animals. More than 60,000 main entries and subentries are included, making this the most comprehensive dictionary covering the whole range of veterinary medicine including large and small animals and exotic pets. Pronunciation of key terms is indicated by a phonetic respelling that appears in parentheses immediately following main entries. High-quality, color illustrations aid further understanding of important terminology. Color design and format help you find key information at a glance. Extensive appraisal, clarification, and focusing of entries to reflect current practice. Extensive contributions from internationally acknowledged expert consultants. **UPDATED and NEW!** Updated and all-new terminology from the latest research, including updated taxonomy in virology and bacteriology, ensures this invaluable reference is up-to-date. **NEW!** Updated images ensure you receive the most current and pertinent illustrations that identify and highlight specific terms. **NEW!** An all-new suite of online features including printable appendices with essential veterinary reference information, an image collection with 1,000 high-quality images, and an audio glossary with more than 1,200 common veterinary terms. **NEW!** A new co-editor and new expert contributors from around the world provide updates on the latest advances in the field of veterinary science. **Saunders Comprehensive Veterinary Dictionary E-Book** *Elsevier Health Sciences* The new edition of **Blood's** classic **Comprehensive Veterinary Dictionary** has been completely redesigned, revised and updated for today's veterinary team. Now with a wide range of superb full-colour illustrations, well over 60,000 main and subentries including large animals, small animals and exotics, and an all-new, user-friendly format, the fourth edition offers the most comprehensive dictionary reference in the field. Comprehensive text covering the whole range of veterinary medicine Classic authoritative reference work Valuable and accessible appendices for instant access to key information at a glance Well over 60,000 main entries and subentries Extensive contributions from internationally acknowledged expert consultants New for this edition Over 1,000 colour illustrations to aid further understanding of disease processes and important terminology Pronunciation of key terms Brand new design and format to help find key information at a glance Extensive revision, clarification and focussing of entries to reflect current practice **A Dictionary of Epidemiology** *Oxford University Press* This sixth edition of **A Dictionary of Epidemiology** -- the most updated since its inception -- reflects the profound substantive and methodological changes that have come to characterize epidemiology and its associated disciplines. Sponsored by the International Epidemiological Association, this book remains the essential reference for anyone studying or working in epidemiology, biostatistics, public health, medicine, or the growing number health sciences in which epidemiologic competency is now required. More than just a dictionary, this text is an essential guidebook to the state of the science. It offers the most current, authoritative definitions of terms central to biomedical and public health literature -- everything from confounding and incidence rate to epigenetic inheritance and Number Needed to Treat. As epidemiology continues to change and grow, **A Dictionary of Epidemiology** will remain its book of record. **Veterinary Epidemiology** *John Wiley & Sons* This successful book, now in its third edition, continues to provide a comprehensive introduction to the role of epidemiology in veterinary medicine. Since the publication of the second edition there has been considerable expansion in the application of veterinary epidemiology: more quantitative methods are available, challenges such as the epidemic of foot-and-mouth disease in Europe in 2001 have required epidemiological investigation, and epidemiological analyses have taken on further importance with the emergence of evidence-based veterinary medicine. In this edition: Completely revised and expanded chapters; Increased attention given to the principles and concepts of epidemiology, surveillance, and diagnostic-test validation and performance; Many examples are drawn from both large and small animal medicine, and from the developing as well as the developed world This paperback edition includes a new section on risk analysis. **Veterinary Epidemiology** is an invaluable reference source for veterinary general practitioners, government veterinarians, agricultural economists and members of other disciplines interested in animal disease. It will also be essential reading for undergraduate and intermediate-level postgraduate students of epidemiology. **Epidemiology for Field Veterinarians An Introduction** *CABI* Intended as an introduction for veterinarians and other animal health professionals interested in and wishing to apply epidemiological methods in their day-to-day work, this book provides a practical guide for those new to the field. Its applied focus covers the principles of epidemiology in real world situations and practical implementation of disease outbreak investigation, for both emerging and endemic diseases. Techniques and methods are discussed, supported by case studies and practical examples to illustrate their application. The book is clearly written and accessible, providing readers with practical information and encouraging the development of problem-solving skills. It is an essential handbook for veterinary surgeons and students and those involved in animal health, food safety and epidemiology. **Veterinary Clinical Epidemiology From Patient to Population, Fourth Edition** *CRC Press* Ideal for veterinary students, residents and clinicians, the fourth edition of this bestselling textbook has been fully updated in line with developments in research and teaching. The logical chapter progression reflects the stages in a clinical case work-up and how epidemiological concepts and methods contribute. This new edition provides guidelines for improving patient and population health outcomes, and detecting emerging diseases through systematic evaluation of patient encounters and electronic medical records incorporates new methodologies and concepts drawn from the recent veterinary practice literature updates chapter content including expanded coverage of risk, statistical and economic analyses, and surveillance for emerging diseases more than 60 examples of clinical research drawn from the international veterinary practice literature presented as structured abstracts; follow-up questions invite the reader to participate in the analysis of results online links to full text versions of more than half of structured abstracts and more than 40% of the book's 174 literature citations updates the listing and review of public and private online resources, including guidelines for online literature searching and critical evaluation of clinical reports. Today's veterinary curricula places greater emphasis

on experiential/problem-based learning versus discipline-oriented instruction. This fourth edition is ideally suited to introduce epidemiologic concepts and methodologies to veterinary students in the context of the patient encounter, and should be of use at any point in the veterinary curriculum. A Dictionary of Epidemiology *Oxford University Press, USA* Dictionary making never ends because languages are always changing. Widely used throughout the world, this book will continue to serve as the standard English-language dictionary of epidemiology and many from related fields such as biostatistics, infectious disease control, health promotion, genetics, clinical epidemiology, health economics, and medical ethics. The definitions are clear and concise, but there is space for some brief essays and discussions of the provenance of important terms. Sponsored by the International Epidemiological Association, the dictionary represents the consensus of epidemiologists in many different countries. All the definitions were reviewed repeatedly by an international network of contributors from every major branch of epidemiology. They are authoritative without being authoritarian. The Fourth Edition contains well over 150 new entries and substantial revisions of about the same number of definitions, plus a dozen new illustrations. Many of the new terms relate to methods used in environmental and clinical epidemiology. The Dictionary of Homeland Security and Defense *iUniverse* " ... Provides concise definitions of the words and terms used in the new public discourse on American homeland security and defense. Its purposes are: to document the language of homeland security and defense, to clarify the meanings conveyed through this language, to provide a common reference for the words and terms of homeland security and defense, to facilitate communication, and ultimately consensus, across the realm of homeland security and defense, [and] to support the daily transactions of all those within, affected by, or having an interest in homeland security and defense" -- Preface. Introduction to Veterinary Epidemiology *Samfundslitteratur* Introduction to Veterinary Epidemiology provides the basics of veterinary epidemiology to the undergraduate and graduate students. The outline of the book follows the necessary steps involved in planning, conducting and analyzing an epidemiological study. These steps include establishing the objective and hypothesis, defining risk factors and outcome, selecting an appropriate study design, determining relevant measures of disease frequency, association and effect, sample size considerations, conducting the study, managing the data in databases and finally analyzing the data. The process takes off in the concepts and theories that form the basis of veterinary epidemiology and includes a solid introduction to data with respect to nature, management and analysis. The examples used to illustrate the different elements of data analysis are given in appendices as SAS code and R code to help getting started on the data analysis. This book is a collaboration between authors with solid backgrounds within veterinary, mathematical, statistical and computer sciences. They have years of experience in teaching at the undergraduate as well as graduate and postgraduate level. Each chapter has been reviewed by leading international veterinary epidemiologists. The programs and data sets can be downloaded from www.itve.dk Black's Student Veterinary Dictionary *Bloomsbury Publishing* A paperback edition for the student market, this standard work of reference has been a bestseller for over 70 years. It is an essential tool for anyone with a professional or leisure interest in the care of animals. Much more than a list of veterinary terms, its practical approach ensures that readers gain an insight into the signs and symptoms of common, and less common, diseases, as well as their diagnosis and treatment. For this edition much new and updated information has been included, reflecting the numerous developments that have taken place in animal care and husbandry, and welfare. There is greatly expanded coverage of topics relating to popular breeds of dog and cat, and the inheritable conditions that might affect their health. Advances in medicine, surgery and diagnostic techniques; descriptions of newly identified diseases such as Schmallenberg virus; the resurgence of old scourges such as TB in cattle, and ongoing enzootic infections such as bird flu are also included in this edition. The growing risk of exotic diseases such as heartworm being imported following the relaxation of travel arrangements for dogs and cats is reflected in new entries. Notes on many new species being farmed or kept as companion animals are among the thousands of topics covered. Using the Agricultural, Environmental, and Food Literature *CRC Press* This reference provides the groundwork, tools, and terminology required when conducting specialized searches for information and resources pertaining to traditional and emerging fields of agriculture. The editors present 16 contributions from librarians and other information workers that offer information on research resources across the academic a Black's Veterinary Dictionary Black's Veterinary Dictionary has been a bestseller for over seventy years. It is an essential reference tool for all with a professional or leisure interest in the care of animals. Dorland's Dictionary of Medical Acronyms and Abbreviations - Ebook *Elsevier Health Sciences* Quick, convenient shortcuts abound in the language of every health care setting, but these abbreviations and acronyms can be confusing and, if misunderstood or misused, can hinder effective communication. Dorland's Dictionary of Medical Acronyms and Abbreviations, 8th Edition, takes the uncertainty out of using and interpreting the thousands of terms used in a multitude of medical specialties. Arranged alphabetically for quick reference, this up-to-date Dorland's dictionary is an essential resource for virtually any medical abbreviation you may encounter. Provides more than 90,000 comprehensive definitions for acronyms, abbreviations, and symbols—in one reliable, easy-to-manage reference. Contains COVID-19-related acronyms and abbreviations, both in a stand-alone section and incorporated throughout. Includes many new terms from a wide variety of fields such as billing and coding, pharmacy, pediatrics, epidemiology, microbiology, veterinary medicine, new medical societies and associations, and health-related government agencies. Features a separate section on symbols used as abbreviations. Lists abbreviations to avoid, including Joint Commission and Institute for Safe Medication Practices abbreviations that are not to be used. Veterinary Clinical Epidemiology, Third Edition *CRC Press* Approaches and techniques of clinical epidemiology have become increasingly prominent in veterinary literature. This second edition of Veterinary Clinical Epidemiology: A Problem-Oriented Approach reflects the increasing recognition of the role of clinical epidemiology by focusing on the application of epidemiologic principles and techniques of problems regularly faced by veterinary practitioners. Numerous examples from veterinary literature indicate how experience with patients can be used to explore issues of importance in the practice of veterinary medicine while controlling for bias, confounding, and chance. The first part of the book focuses on the application of epidemiology in medical decision-making, while the second part focuses on the epidemiology of disease in populations and outbreak investigation. Included in this text are a glossary and an extensive bibliography, as well as myriad updates to reflect the expanding use of epidemiologic methodology in clinical research. Veterinary Clinical Epidemiology: A Problem-Oriented Approach serves as both a teaching resource for veterinary epidemiology and a reference on the application of epidemiologic methods in veterinary clinical research. Dictionary of Parasitology *CRC Press* Although many books have been published on various aspects of human, animal, and plant parasitology, as well as the public health problems associated with parasites, none to date has offered a comprehensive glossary for those confronted with the discipline's exceptionally extensive terminology. To meet this need requires a dedicated text that can h Geospatial Technologies and Homeland Security Research Frontiers and Future Challenges *Springer Science & Business Media* Homeland security and context In the Geographical Dimensions of Terrorism (GDOT) (Cutter et al. 2003), the first book after 9/11 to address homeland security and geography, we developed several thematic research agendas and explored intersections between geographic research and the importance of context, both geographical and political, in relationship to the concepts of terrorism and security. It is good to see that a great deal of new thought and research continues to flow from that initial research agenda, as illustrated by many of the papers of this new book, entitled Geospatial Technologies and Homeland Security: Research Frontiers and Future Challenges. Context is relevant not only to understanding homeland security issues broadly, but also to the conduct of research on geospatial technologies. It is impossible to understand the implications of a homeland security strategy, let alone hope to make predictions, conduct meaningful modeling and research, or assess the value and dangers of geospatial technologies, without consideration of overarching political, social, economic, and geographic contexts within which these questions are posed. The International Encyclopedia of Primatology, 3 Volume Set *John Wiley & Sons* The International Encyclopedia of Primatology represents the first comprehensive encyclopedic reference focusing on the behaviour, biology, ecology, evolution, genetics, and taxonomy of human and non-human primates. Represents the first comprehensive encyclopedic reference relating to primatology Features more than 450 entries covering topics ranging from the taxonomy, history, behaviour, ecology, captive management and diseases of primates to their use in research, cognition, conservation, and representations in literature Includes coverage of the basic scientific concepts that underlie each topic, along with the latest advances in the field Highly accessible to undergraduate and graduate students in primatology, anthropology, and the medical, biological and zoological sciences Essential reference for academics, researchers and commercial and conservation organizations This work is also available as an online resource at www.encyclopediaofprimatology.com Methods in Field Epidemiology *Jones & Bartlett Publishers* This unique guidebook covers all aspects of practical field epidemiologic investigation. It explains the requirements, defines terms, and illustrates many examples of how to undertake the tasks of the public health epidemiologist during a field investigation. Unlike other texts of its kind, it breaks down each function of field epidemiology to its constituent parts and thoroughly answers questions related to them. Topics include: public health surveillance; qualifying a potential outbreak; assembling and equipping a team; hypothesis generation and descriptive epidemiology; epidemiological studies; hypothesis-testing interviews; data analysis; writing a report; public health laboratory's role in field; environmental health components; investigating non-infectious health events; forensic epidemiology investigations; GIS; and special considerations. The text is accompanied by a complete package of instructor resources including Sample Syllabus, Instructor's Manual, TestBank, and PowerPoint slides. Feedlot Production Medicine, An Issue of Veterinary Clinics of North America: Food Animal Practice *Elsevier Health Sciences* As a Follow-up to their Arrival Cattle Management issue, Drs. Brad White and Daniel Thomson explore Feedlot Production Medicine in this issue. Articles feature an expert panel of authors on topics such as: Epidemiology for feedlots, Outbreak investigation, Sick animal identification, Necropsy & Euthanasia, BVD management in feedlot, Reference Intervals in Avian and Exotic Hematology, and more! Black's Veterinary Dictionary *Bloomsbury Publishing* Black's Veterinary Dictionary has been a bestseller for over 80 years. It is an essential reference tool for all with a professional or leisure interest in the care of animals. Much more than a list of veterinary terms, its practical approach ensures that readers gain an insight into the signs and symptoms of common, and less common, diseases, their diagnosis and treatment. For the 22nd edition much new and updated information has been included, reflecting the numerous developments that have taken place in animal care and husbandry, and welfare. There is greatly expanded coverage of topics relating to popular breeds of dog and cat, and the inheritable conditions that might affect their health. Advances in medicine, surgery and diagnostic techniques; descriptions of newly identified diseases such as Schmallenberg virus; the resurgence of old scourges such as TB in cattle, and ongoing enzootic infections such as bird flu are included in this new edition. The growing risk of exotic diseases such as heartworm being imported following the relaxation of travel arrangements for dogs and cats is reflected in new entries. Notes on many new species being farmed or kept as companion animals are among the thousands of topics covered. Whether your interest is in cats or cattle, horses or hamsters, puppies or pigeons, the A-Z of veterinary matters is covered in Black's Veterinary Dictionary. A Dictionary of Public Health *Oxford University Press* A Dictionary of Public Health covers words and phrases used in public health science and practice, including areas such as communicable disease control, epidemiology, health policy, health services research, methods for clinical and epidemiological research, risk assessment and risk management, emergency preparedness, bioethics, genetics, nutrition, toxicology, social work, sanitation and public health engineering, environmental sciences, and administration. It offers definitions, discussion, and an occasional brief commentary on the relevance of each term to people and their health. This dictionary is a trusted resource for answers to questions that arise in the course of public health practice, whether in the office or in the field, in interactions with the public or with the media. This second edition expands coverage of terms relevant to the following areas, amongst others: health policy, health economics, and health services, including the Affordable Care Act and related topics; preventive medicine, health promotion, and behavioral sciences; risk assessment and risk management; emerging diseases; emergency preparedness; and bioethics and essential legal terms relevant for public health. It includes a list of useful web links and c.300 numbered bibliographic references, linked to directly from relevant entries. The dictionary continues to be a trusted resource for answers to questions that arise in the course of public

health practice, whether in the office or in the field, in interactions with the public or with the media. **Medical and Veterinary Entomology** *Academic Press* **Medical and Veterinary Entomology, Second Edition**, has been fully updated and revised to provide the latest information on developments in entomology relating to public health and veterinary importance. Each chapter is structured with the student in mind, organized by the major headings of Taxonomy, Morphology, Life History, Behavior and Ecology, Public Health and Veterinary Importance, and Prevention and Control. This second edition includes separate chapters devoted to each of the taxonomic groups of insects and arachnids of medical or veterinary concern, including spiders, scorpions, mites, and ticks. Internationally recognized editors Mullen and Durden include extensive coverage of both medical and veterinary entomological importance. This book is designed for teaching and research faculty in medical and veterinary schools that provide a course in vector borne diseases and medical entomology; parasitologists, entomologists, and government scientists responsible for oversight and monitoring of insect vector borne diseases; and medical and veterinary school libraries and libraries at institutions with strong programs in entomology. Follows in the tradition of *Herm's Medical and Veterinary Entomology* The latest information on developments in entomology relating to public health and veterinary importance Two separate indexes for enhanced searchability: Taxonomic and Subject New to this edition: Three new chapters Morphological Adaptations of Parasitic Arthropods Forensic Entomology Molecular Tools in Medical and Veterinary Entomology 1700 word glossary Appendix of Arthropod-Related Viruses of Medical-Veterinary Importance Numerous new full-color images, illustrations and maps throughout Swine Futures Project Final Report Saunders Comprehensive Veterinary Dictionary *W B Saunders Company* The 2nd Edition of this successful and highly regarded veterinary dictionary provides a complete professional vocabulary. Now features American English spellings! This edition includes 10,000 more entries and five additional tables in the appendices of useful laboratory and clinical information. Also features expanded coverage of molecular biology, genetics, immunology, histology and embryology! Now includes American English as well as UK English. The most comprehensive veterinary dictionary available Covers all aspects of veterinary science including clinical practice, anatomy, physiology, pathology and therapeutics Covers all large and small animal medicine including exotics Extensive appendices on clinical and laboratory data, and over 90 pages of anatomical information Specialist entries compiled by 18 expert consultants Written by veterinarians for veterinarians 10,000 new entries Includes American English spelling as well as UK English Expanded coverage in the fields of molecular biology, genetics, immunology, histology, embryology, fish health, ultrasound imaging, acupuncture, endoscopy and mycology Five new tables: Eruption of teeth in domestic animals Collective nouns and gender groups Conversion table of weight to body surface area for dogs Important venomous snakes Major finfish, molluscs and crustaceans used in aquaria for consumption and in sport Essentials of Disease in Wild Animals *John Wiley & Sons* The interrelationship between wild animal, domestic animals and human health is appreciated now more than ever before. This is because of the recognition of the involvement of wild animals in diseases of humans and domestic animals, the impact of disease on wildlife management and conservation biology, recognition of new forms of environmental contamination, and academic interest in disease as an ecological factor. This is the first introductory level book about disease in wild animals that deals with basic subjects such as the nature of disease, what causes disease, how disease is described and measured, how diseases spread and persist and the effects of disease on individual animals and populations. In contrast to authors of many other veterinary books, Gary A. Wobeser takes a more general approach to health in wild animals, recognizing that disease is one ecological factor among many and that disease can never be considered satisfactorily in isolation. Rather than focus on individual causative agents and their effect on the individual animal, the emphasis is on why disease occurred, and on the complex interactions that occur among disease agents, the environment and host populations. Written by a leading researcher in wildlife diseases, this book will fill a knowledge gap for those called to work with disease in wild animals who lack experience or training in the general features of disease as they relate to wild animals. Veterinarians, ecologists, wildlife biologists, population biologists and public health workers will find this book invaluable. **Veterinary Dictionary and Horseman's Guide ... Also a Treatise on Shoeing...** **Epidemiology for the Advanced Practice Nurse A Population Health Approach** *Springer Publishing Company* Written by nurses for nurses, this graduate-level text disseminates the core principles of epidemiology within a population health framework and provides practical knowledge nurses can use to analyze and improve healthcare in the community. Informed by the evolution of epidemiological science resulting from the Covid-19 pandemic, this book demonstrates how epidemiology can have a profound impact on health. It showcases a variety of settings and epidemiological roles demonstrating the importance and practicality of this discipline. Clear and concise, this text explains the basics of population health followed by epidemiology concepts and designs. It is distinguished by its application-based case studies, analytical tools of epidemiology, and calculations, which foster skill development and necessary familiarity of the subject. Also included is an important **Biostatistics Primer**, relevant content from **Healthy People 2030**, and an "Epidemiology in Practice" section focusing on examples from different epidemiology arenas. Key Features: Includes application-based cases, tools, and calculations throughout to help students develop practical epidemiologic skills Provides background and understanding of health disparities and determinants of health Includes relevant information from **Healthy People 2030** Includes discussion questions, learning objectives, terminology review, tables, and figures in each chapter Delivers up-to-date information on epidemiology in the time of Covid-19 Includes access to an Instructor's Manual with additional case studies **Concepts of Epidemiology Integrating the ideas, theories, principles, and methods of epidemiology** *Oxford University Press* Epidemiology is a population science that underpins health improvement and health care, by exploring and establishing the pattern, frequency, trends, and causes of a disease. **Concepts of Epidemiology** comprehensively describes the application of core epidemiological concepts and principles to readers interested in population health research, policy making, health service planning, health promotion, and clinical care. The book provides an overview of study designs and practical framework for the epidemiological analyses of diseases, including accounting for error and bias within studies. It discusses the ways in which epidemiological data are presented, explains the distinction between association and causation, as well as relative and absolute risks, and considers the theoretical and ethical basis of epidemiology both in the past and the future. This new edition places even greater emphasis on interactive learning. Each chapter includes learning objectives, theoretical and numerical exercises, questions and answers, a summary of the key points, and exemplar panels to illustrate the concepts and methods under consideration. Written in an accessible and engaging style, with a specialized glossary to explain and define technical terminology, **Concepts of Epidemiology** is ideal for postgraduate students in epidemiology, public health, and health policy. It is also perfect for clinicians, undergraduate students and researchers in medicine, nursing and other health disciplines who wish to improve their understanding of fundamental epidemiological concepts. **Veterinary Clinical Epidemiology, Third Edition** *CRC Press* While veterinary medicine has always valued the concepts and methods of epidemiology, they are virtually inseparable in today's clinical practice. With access to an ever-expanding number of journals, as well as countless Internet sources, more and more veterinarians are practicing evidence-based medicine. This is defined as the process of systematically finding, appraising, and adopting research findings as the primary basis for clinical decisions. "An underlying premise of the book is that patient-based research is epidemiologic research....It logically follows that the users of this information, veterinary students and practitioners, be skilled in its application to patient care." - from the preface **Veterinary Clinical Epidemiology, Third Edition** focuses on developing a deeper understanding of epidemiology and exemplifies how an improved capacity for interpreting and critiquing available literature ultimately leads to improved patient care. In preparing this edition, Ronald Smith, a highly respected epidemiologist, practitioner, and educator, has entirely updated his earlier work to reflect those changes that have dramatically altered the practice of veterinary medicine over the last ten years. New to the third edition: · Numerous updated examples of the application of epidemiology in clinical practice · Expanded journal representation to include a larger selection of international research · Increased coverage of hypothesis testing, survey design, sampling and epidemiologic concepts related to the practice of evidence-based medicine · Revised and updated information on diagnostic testing, risk assessment, causality, and the use of statistics **Veterinary Clinical Epidemiology, Third Edition** provides practitioners and researchers with the knowledge and tools to understand, critically assess, and make use of the medical literature that is vital to the treatment of animal patients. **National Library of Medicine Current Catalog Cumulative listing Achieving sustainable production of poultry meat Volume 3 Health and welfare** *Burleigh Dodds Science Publishing* To meet growing demand, the FAO has estimated that world poultry production needs to grow by 2-3% per year to 2030. Much of the increase in output already achieved has been as a result of improvements in commercial breeds combined with rearing in more intensive production systems. However, more intensive systems have increased the risk of transmission of animal diseases and zoonoses. Consumer expectations of sensory and nutritional quality have also never been higher. At the same time consumers are more concerned about the environmental impact of poultry production as well as animal welfare. Drawing on an international range of expertise, this book reviews research on poultry health and welfare. Part 1 begins by reviewing the range of diseases and other health issues affecting poultry. It then goes on to discuss ways of preventing and managing disease such as breeding, and means of attenuating the immune system. The second part of the book discusses welfare issues such as management of breeding flocks, housing, transport and humane slaughter techniques. **Achieving sustainable production of poultry meat Volume 3: Health and welfare** will be a standard reference for poultry and food scientists in universities, government and other research centres and companies involved in poultry production. It is accompanied by two further volumes which review safety, quality and sustainability as well as poultry breeding and nutrition. **Diseases of Coral** *John Wiley & Sons* Coral disease is quickly becoming a crisis to the health and management of the world's coral reefs. There is a great interest from many in preserving coral reefs. Unfortunately, the field of epizootiology is disorganized and lacks a standard vocabulary, methods, and diagnostic techniques, and tropical marine scientists are poorly trained in wildlife pathology, veterinary medicine, and epidemiology. **Diseases of Coral** will help to rectify this situation. **Expert Consultation on Community-Based Veterinary Public Health Systems** *Food & Agriculture Org* This publication sets out the proceedings of an expert meeting on the delivery of community-based veterinary public health (VPH) systems, particularly in relation to developing countries, which was held in Rome in October 2003. Issues discussed include: surveillance methodologies for zoonotic diseases; participatory epidemiology and rapid appraisal techniques; public and private provision; monitoring and evaluation; examples of current community-based VPH systems in South Africa and Tanzania; training and public education aspects. **Hearing to Review Animal Identification Systems Hearing Before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, One Hundred Eleventh Congress, First Session, March 11, 2009 Combating Fungal Infections Problems and Remedy** *Springer Science & Business Media* Fungi are eukaryotic microorganisms that are closely related to humans at cellular level. Human fungal pathogens belong to various classes of fungi, mainly zygo- cetes, ascomycetes, basidiomycetes, and deuteromycetes. In recent years, fungal infections have dramatically increased as a result of improved diagnosis, high frequency of catheterization, instrumentation, etc. However, the main cause remains the increasing number of immunosuppressed patients, mostly because of HIV infection and indiscriminate usage of antineoplastic and immunosuppressive agents, broad-spectrum antibiotics and prosthetic devices, and grafts in clinical settings. Presently available means of combating fungal infections are still weak and clumsy compared to control of bacterial infection. The present scenario of antifungal therapy is still based on two classes of antifungal drugs (polyenes and azoles). These drugs are effective in many cases, but display toxicity and limited spectrum of efficacy. The recent trend towards emergence of drug-resistant isolates in the clinic is an additional problem. In recent years, a few new antifungal drugs have entered the clinics, but they are expected to undergo same fate as the older antifungal drugs. The application of fungal genomics offers an unparalleled opportunity to develop novel antifungal drugs. However, it is too early to expect any novel drugs, as the antifungal drug discovery program is in the stage of infancy. Interestingly, several novel antifungal drug targets have been identified and validated.