

NUTRIENT REQUIREMENTS OF DOGS AND CATS

ANIMAL NUTRITION SERIES

NATIONAL RESEARCH COUNCIL
OF THE NATIONAL ACADEMIES

National Research Council and
Nutrient Requirements of Dogs and Cats (Nutrient Requirements of
Animals)



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Updating recommendations last created by the National Research Council in the mid-1980s, this survey provides nutrient recommendations based on exercise and stage in life, major reasons that influence nutrient needs. The report provides a valuable resource for industry experts formulating diets, researchers setting research agendas, federal government officials developing regulations for pet meals labeling, and as a university textbook for dog and cat nutrition. It talks about how nutrients are metabolized in the bodies of cats and dogs, indications of nutrient deficiency, and diseases related to poor nutrition. It can also guide owners feeding decisions for his or her pets with information on specific nutrient needs, characteristics of different types of family pet foods, and things to consider when feeding cats and dogs.



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not a book to sit and go through (unless you have got a penchant for studying and want to read scientific materials about cat and dog nutri This is a reference book, not really a book to sit and read (if you don't have a penchant for studying and love to read scientific material about cat and dog nutrition).mice, birds, lizards and insects". This would be the definitive reference for anyone involved in animal nutrition or who is developing diets and quality recipes for cats and dogs. The Refeence This is simply not for casual reading and it leaves out some critical information about the constraints placed on dog foods by processing and testing. I've some undergraduate coursework in these topics under my belt but nonetheless found a few of the sections tough to decipher. In addition, it, when carefully read, displays a few of the limitations of this knowledge. However, I found all the books (including several that were very highly-rated right here on Amazon) to end up being either not sufficiently complete or not really adequately referenced. But since that data is seemingly not available then your reader must assume it to mean whatever values have shown no immediate adverse wellness results in a laboratory placing. It isn't a "how exactly to" manual to make pet food. I spent many hours with it in conjunction with the USDA site and found that it is nearly impossible to come up with a recipe for home-made dog food that will meet all of the nutritional requirements without exceeding the maximum amounts of certain nutrients. A must have for professionals.I give 2 rather than 1 stars given that they still mention that the prey of family pet cats allowed outdoors includes ". In many cases, different highly-ranked books plainly contradicted one another. Com PrEE Hen Sive All the details I need Five Stars Great book! The bible of scholarly information on pet nutrition. Because this book is nearly \$300, I didn't buy it - I borrowed it from my university library via interlibrary mortgage. However, since it just has one review up to now, I want to write a review.I considered investing in a huge selection of different books written for laypeople about canine nutrition and homemade pet dog food because I needed to start making meals for my canines. It is important to understand nutrition in a far more general way before scanning this book nonetheless it is a critical reference. I take advantage of this to greatly help students balance raw diets. Although this does contradict the previously stated habit of feeding on mice and birds (significantly less than 2 percent carbohydrates) this will properly support a commercial family pet food diet plan.This book is published by the National Academy of Science and was put together by the Committee on Animal Nutrition. A team of international specialists was involved - by which I mean academic experts/researchers, not celebrity veterinarians. It really is a essentially a compendium of peer-reviewed research findings on canine and feline nutrition. Each macro and micro nutrient has a section describing what's known about it, and there is normally other information on items such as water, total caloric intake, weight, feeding situations, etc. If you browse the Acknowledgements you will see that this publication is funded by several parties among that your Pet Food Institute. for cats and dogs. Additionally, there are many helpful notes on bio-availability, which I found particularly lacking in many of the popular books.It is necessary to notice that this publication is written for a scholarly and/or technical viewers. But disappointingly, on web page 54, there exists a paragraph with "adult maintenance diets for cats contain .(2) Given the above I expect the reserve to explicitly state that a cat's diet should not include carbohydrates (since neither mice nor birds do). However, it represents the normal knowledge which the formulation of pet feeds is based. The Pet Food Institute is an organisation with the goal of marketing commercial pet food. Most significant information is omitted I actually am rather disappointed by both the uncritical reviews of this book along with the book itself. At the end of the publication are tables indicating what is known about

minimum, optimum, and optimal consumption of a large set of macronutrients, mineral nutrition, microminerals, amino acids, etc. However, it is definitely the bible of family pet nutrition. As the pet food sector might have its merits for people who don't want to spend time making homemade meals for their pets I really do not think such an institution should fund a publication about pet diet (for the most obvious reason). Even more intriguing compared to the funding is the fact that I could not find (1) Feeding practices of feral or semiferal cats (it seems fairly clear that they prey on rodents and birds but this reserve was the place where I expected to find reference to a report confirming this). Rather, on web page 22 in the section entitled "Food ingestions by feral cats and dogs" the reader is uninterested in anecdotes ("a male Labrador once ate 10 percent of its body weight"). A must have.. 16 to 37 percent " of carbohydrates. Having said that, this is the complete bible regarding the nutritional needs of dogs and cats, a compendium of the very most current research findings obtainable. I am also happy that they point out that cats are rigid carnivores. Some routine knowledge of chemistry, math, and nutritional science is helpful to be able to understand everything in the publication. To utilize it, you will have to be able to understand a few of the terminology used, do unit conversions, and calculate how the recommendations apply to your pet (or cat). Whether a diet plan consisting of thirty percent carbohydrates will lead to kidney failure after 14 years is still left to the reader as an exercise.... I decided I needed some true science. But that apart, the paragraph will not even define what an "adult maintenance diet of a cat" also is. What it will mean is normally whatever feral cats eat. scientific summary, not really a pet food guide This is a listing of scientific research done over a period of decades. Remember that immediate here's used to mean "loss of life within a few weeks"..



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