

1. Record Nr.	UNINA9910819169403321
Titolo	Fat content and composition of animal products : proceedings of a symposium, Washington, D.C., December 12-13, 1974 // Board on Agriculture and Renewable Sources Commission on Natural Resources and Food and Nutrition Board, Assembly of Life Sciences, National Research Council
Pubbl/distr/stampa	Washington, : National Academy of Sciences, 1976
ISBN	1-280-24640-5 9786610246403 0-309-59444-8 0-585-14257-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (x, 245 pages) : illustrations, charts
Disciplina	664/.907
Soggetti	Food of animal origin - Fat content Animal products - Composition
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographies.
Nota di contenuto	Fat Content and Composition of Animal Products -- Copyright -- Preface -- Contents -- Introductory Remarks -- REFERENCE -- Overview Of The Role of Animal Products in Human Nutrition -- MAJOR SOURCES OF DATA -- FOODS OF ANIMAL ORIGIN -- AVAILABILITY OF FOOD ENERGY -- AVAILABILITY OF PROTEIN -- CONSUMPTION OF FAT -- SOURCES OF VITAMINS AND MINERALS -- ACKNOWLEDGMENTS -- REFERENCES -- Health-Related Aspects of Animal Products for Human Consumption -- INTRODUCTION -- RECENT TRENDS IN CONSUMPTION OF ANIMAL AND PLANT FOODS IN THE UNITED STATES -- SIGNIFICANCE OF ANIMAL SOURCES OF FAT -- SIGNIFICANCE OF PROTEIN INTAKE FROM ANIMAL FOODS -- ANIMAL FOODS AND MINERAL REQUIREMENTS -- OTHER HEALTH-RELATED ASPECTS OF ANIMAL FOODS -- CONCLUSION -- ACKNOWLEDGMENT -- REFERENCES -- The Consumer's Desire for Animal Products -- INTRODUCTION -- THE PROBLEM OF FATNESS OF ANIMAL PRODUCTS -- CONSUMPTION DATA AND TRENDS -- Effect of Income on Consumption -- Trends in

Selected Livestock Products -- Fat Intake from Animal Products --
CONSUMER ACCEPTANCE STUDIES -- Beef -- Pork -- Lamb and Mutton
-- Processed Meats -- Dairy Products -- Poultry Products --
RELATIONSHIP OF FATNESS TO TENDERNESS -- SUMMARY --
ACKNOWLEDGMENTS -- REFERENCES -- Altering Fat Content of Animal
Products through Genetics, Nutrition, and Management -- REFERENCES
-- Genetics of Fat Content in Animal Products -- DESCRIPTION --
GENETIC PROBLEMS -- BREEDING PROGRAMS -- SUMMARY --
REFERENCES -- Nutrition and Management Aspects of Ruminant
Animals Related to Reduction of Fat Content in Meat and Milk --
SUMMARY -- REFERENCES -- Nutrition And Management Aspects Of
Nonruminant Animals Related To Reduction Of Fat Content In Meat --
AGE, BODY WEIGHT, AND SEX -- EXERCISE (PIGS) -- ENVIRONMENTAL
TEMPERATURE -- DIETARY FACTORS -- ENERGY:PROTEIN RATIO --
Chickens -- ENERGY:PROTEIN RATIO -- Ducks.
CALORIE:PROTEIN RATIO -- Turkeys -- ENERGY INTAKE AND NITROGEN
RETENTION -- AMINO ACID DEFICIENCY -- HIGH PROTEIN LEVELS --
ENERGY AND PROTEIN LEVELS (PIGS) -- Early Nutrition -- Finishing
Period -- Feed Restrictions -- PERIODICITY OF EATING -- SUMMARY --
REFERENCES -- Eliminating Excess Fat in Meat Animals -- CATTLE --
SWINE -- REPRODUCTION IN MEAT-TYPE ANIMALS -- CONCLUDING
REMARKS -- Eating Quality of Meat Animal Products and Their Fat
Content -- HISTORICAL ASPECT -- EATING QUALITY -- FLAVOR --
JUICINESS -- TENDERNESS -- FATNESS AND EATING QUALITY IN OTHER
MEAT PRODUCTS -- EATING QUALITY AND PROXIMATE COMPOSITION
OF PORK LOINS -- CONCLUSIONS -- REFERENCES -- The Federal
Grading System for Animal Products -- REFERENCES -- Market
Implications of Changing Fat Content of Milk And Dairy Products --
INTRODUCTION -- MINIMUM STANDARDS -- CONSUMPTION TRENDS --
SUBSTITUTE AND IMITATION PRODUCTS -- COMPONENT PRICING --
SUMMARY -- REFERENCES -- Status Report On The Alteration Of Fatty
Acid And Sterol Composition In Lipids In Meat, Milk, And Eggs -- A
SYNOPSIS OF ALTERATIONS IN THE LIPID COMPOSITION OF SWINE -- A
SYNOPSIS OF ALTERATIONS IN THE LIPID COMPOSITION OF POULTRY
DEPOT AND EGG LIPIDS -- SYNOPSIS OF ALTERATIONS IN EGG
CHOLESTEROL CONTENT -- A SYNOPSIS OF ALTERATIONS IN THE
FATTY ACID COMPOSITION OF MILK. INFLUENCE OF UNPROTECTED
DIETARY SUPPLEMENTS -- A SYNOPSIS OF ALTERATIONS IN THE FATTY
ACID COMPOSITION OF MILK. INFLUENCE OF PROTECTED LIPIDS -- A
SYNOPSIS OF DAIRY PRODUCTS CONTAINING INCREASED
POLYUNSATURATED FATTY ACIDS -- A SYNOPSIS OF ALTERATIONS IN
FATTY-ACID CONTENT OF RUMINANT MEAT. INFLUENCE OF
UNPROTECTED DIETARY LIPIDS -- A SYNOPSIS OF ALTERATIONS IN THE
FATTY-ACID COMPOSITION OF RUMINANT MEAT. INFLUENCE OF
PROTECTED LIPIDS -- THE EFFECT OF PROTECTED FEEDS UPON
CHOLESTEROL CONTENT OF MEAT, MEAT, MILK, AND DAIRY PRODUCTS
-- SUMMARY.
REFERENCES -- Commentary -- Commentary -- Participants.
