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KEY=INVESTIGATIVE - ESMERALDA CARLIE

Introductory Statistics

Introductory Statistics is designed for the one-semester, introduction to statistics course and is geared toward students majoring in fields other than math or engineering. This text assumes students have been exposed to intermediate algebra, and it focuses on the applications of statistical knowledge rather than the theory behind it. The foundation of this textbook is Collaborative Statistics, by Barbara Illowsky and Susan Dean. Additional topics, examples, and ample opportunities for practice have been added to each chapter. The development choices for this textbook were made with the guidance of many faculty members who are deeply involved in teaching this course. These choices led to innovations in art, terminology, and practical applications, all with a goal of increasing relevance and accessibility for students. We strove to make the discipline meaningful, so that students can draw from it a working knowledge that will enrich their future studies and help them make sense of the world around them. Coverage and Scope Chapter 1 Sampling and Data Chapter 2 Descriptive Statistics Chapter 3 Probability Topics Chapter 4 Discrete Random Variables Chapter 5 Continuous Random Variables Chapter 6 The Normal Distribution Chapter 7 The Central Limit Theorem Chapter 8 Confidence Intervals Chapter 9 Hypothesis Testing with One Sample Chapter 10 Hypothesis Testing with Two Samples Chapter 11 The Chi-Square Distribution Chapter 12 Linear Regression and Correlation Chapter 13 F Distribution and One-Way ANOVA

The Mueller Report

The Final Report of the Special Counsel on Russian Interference in the 2016 Presidential Election

Courier Dover Publications This is the full Mueller Report, as released on April 18, 2019, by the U.S. Department of Justice. A reprint of the report exactly as it was issued by the government, it is without analysis or commentary from any other source and with nothing subtracted except for the material redacted by the Department of Justice. The mission of the Mueller investigation was to examine Russian interference in the 2016 Presidential election, consisting of possible links, or "collusion," between the Donald Trump campaign and the Russian government of Vladimir Putin as well as any allegations of obstruction of justice in this regard. It was also intended to detect and prosecute, where warranted, any other crimes that surfaced during the course of the investigation. The report consists of a detailed summary of the various investigations and inquiries that the Special Counsel and colleagues carried out in these areas. The investigation was initiated in the aftermath of the firing of FBI Director James Comey by Donald Trump on May 9, 2017. The FBI, under Director Comey, had already been investigating links between Russia and the Trump campaign. Mueller submitted his report to Attorney General William Barr on March 22, 2019, and the Department of Justice released the redacted report one month later.

Online Statistics Education

An Interactive Multimedia Course of Study (Part I: Chapters 1-10)

Online Statistics: An Interactive Multimedia Course of Study is a resource for learning and teaching introductory statistics. It contains material presented in textbook format and as video presentations. This resource features interactive demonstrations and simulations, case studies, and an analysis lab. This print edition of the public domain textbook gives the student an opportunity to own a physical copy to help enhance their educational experience. This part I features the book Front Matter, Chapters 1-10, and the full Glossary. Chapters Include: I. Introduction, II. Graphing Distributions, III. Summarizing Distributions, IV. Describing Bivariate Data, V. Probability, VI. Research Design, VII. Normal Distributions, VIII. Advanced Graphs, IX. Sampling Distributions, and X. Estimation. Online Statistics Education: A Multimedia Course of Study (<http://onlinestatbook.com/>). Project Leader: David M. Lane, Rice University.

Applied Linear Statistical Models

McGraw-Hill Education Applied Linear Statistical Models 5e is the long established leading authoritative text and reference on statistical modeling. For students in most any discipline where statistical analysis or interpretation is used, ALSM serves as the standard work. The text includes brief introductory and review material, and then proceeds through regression and modeling for the first half, and through ANOVA and Experimental Design in the second half. All topics are presented in a precise and clear style supported with solved examples, numbered formulae, graphic illustrations, and "Notes" to provide depth and statistical accuracy and precision. Applications used within the text and the hallmark problems, exercises, and projects are drawn from virtually all disciplines and fields providing motivation for students in virtually any college. The Fifth edition provides an increased use of computing and graphical analysis throughout, without sacrificing concepts or rigor. In general, the 5e uses larger data sets in examples and exercises, and where methods can be automated within software without loss of understanding, it is so done.

Reading for Understanding

Toward an R&D Program in Reading Comprehension

Rand Corporation In fall 1999, the Department of Education's Office of Educational Research and Improvement (OERI) asked RAND to examine how OERI might improve the quality and relevance of the education research it funds. The RAND Reading Study Group (RRSG) was charged with developing a research framework to address the most pressing issues in literacy. RRSG focused on reading comprehension wherein the highest priorities for research are: (1) Instruction

Acronyms Abbreviations & Terms - A Capability Assurance Job Aid

FEMA The FAAT List is not designed to be an authoritative source, merely a handy reference. Inclusion recognizes terminology existence, not legitimacy. Entries known to be obsolete are included because they may still appear in extant publications and correspondence.

Making Eye Health a Population Health Imperative

Vision for Tomorrow

National Academies Press The ability to see deeply affects how human beings perceive and interpret the world around them. For most people, eyesight is part of everyday communication, social activities, educational and professional pursuits, the care of others, and the maintenance of personal health, independence, and mobility. Functioning eyes and vision system can reduce an adult's risk of chronic health conditions, death, falls and injuries, social isolation, depression, and other psychological problems. In children, properly maintained eye and vision health contributes to a child's social development, academic achievement, and better health across the lifespan. The public generally recognizes its reliance on sight and fears its loss, but emphasis on eye and vision health, in general, has not been integrated into daily life to the same extent as other health promotion activities, such as teeth brushing; hand washing; physical and mental exercise; and various injury prevention behaviors. A larger population health approach is needed to engage a wide range of stakeholders in coordinated efforts that can sustain the scope of behavior change. The shaping of socioeconomic environments can eventually lead to new social norms that promote eye and vision health. Making Eye Health a Population Health Imperative: Vision for Tomorrow proposes a new population-centered framework to guide action and coordination among various, and sometimes competing, stakeholders in pursuit of improved eye and vision health and health equity in the United States. Building on the momentum of previous public health efforts, this report also introduces a model for action that highlights different levels of prevention activities across a range of stakeholders and provides specific examples of how population health strategies can be translated into cohesive areas for action at federal, state, and local levels.

Introductory Business Statistics

Introductory Business Statistics is designed to meet the scope and sequence requirements of the one-semester statistics course for business, economics, and related majors. Core statistical concepts and skills have been augmented with practical business examples, scenarios, and exercises. The result is a meaningful understanding of the discipline, which will serve students in their business careers and real-world experiences.

Sports-Related Concussions in Youth Improving the Science, Changing the Culture

National Academies Press In the past decade, few subjects at the intersection of medicine and sports have generated as much public interest as sports-related concussions - especially among youth. Despite growing awareness of sports-related concussions and campaigns to educate athletes, coaches, physicians, and parents of young athletes about concussion recognition and management, confusion and controversy persist in many areas. Currently, diagnosis is based primarily on the symptoms reported by the individual rather than on objective diagnostic markers, and there is little empirical evidence for the optimal degree and duration of physical rest needed to promote recovery or the best timing and approach for returning to full physical activity. Sports-Related Concussions in Youth: Improving the Science, Changing the Culture reviews the science of sports-related concussions in youth from elementary school through young adulthood, as well as in military personnel and their dependents. This report recommends actions that can be taken by a range of audiences - including research funding agencies, legislatures, state and school superintendents and athletic directors, military organizations, and equipment manufacturers, as well as youth who participate in sports and their parents - to improve what is known about concussions and to reduce their occurrence. Sports-Related Concussions in Youth finds that while some studies provide useful information, much remains unknown about the extent of concussions in youth; how to diagnose, manage, and prevent concussions; and the short- and long-term consequences of concussions as well as repetitive head impacts that do not result in concussion symptoms. The culture of sports negatively influences athletes' self-reporting of concussion symptoms and their adherence to return-to-play guidance. Athletes, their teammates, and, in some cases, coaches and parents may not fully appreciate the health threats posed by concussions. Similarly, military recruits are immersed in a culture that includes devotion to duty and service before self, and the critical nature of concussions may often go unheeded. According to Sports-Related Concussions in Youth, if the youth sports community can adopt the belief that concussions are serious injuries and emphasize care for players with concussions until they are fully recovered, then the culture in which these athletes perform and compete will become much safer. Improving understanding of the extent, causes, effects, and prevention of sports-related concussions is vitally important for the health and well-being of youth athletes. The findings and recommendations in this report set a direction for research to reach this goal.

Statistics: Learning from Data

Cengage Learning STATISTICS: LEARNING FROM DATA, Second Edition, helps you learn to think like a statistician. It pays particular attention to areas that students often struggle with -- probability, hypothesis testing, and selecting an appropriate method of analysis. Supported by learning objectives, real-data examples and exercises, and technology notes, this book helps you to develop conceptual understanding, mechanical proficiency, and the ability to put knowledge into practice. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Involved

Writing for College, Writing for Your Self

Involved: Writing for College, Writing for Your Self helps students to understand their college experience as a way of advancing their own personal concerns and to draw substance from their reading and writing assignments. By enabling students to understand what it is they are being asked to write from basic to complex communications and how they can go about fulfilling those tasks meaningfully and successfully, this book helps students to develop themselves in all the ways the university offers. This edition of the book has been adapted from the print edition, published in 1997 by Houghton Mifflin. Copyrighted materials primarily images and examples within the text have been removed from this edition. --

My Math

"McGraw-Hill My Math ... a research-proven approach to learning that identifies the desired outcome first and tailors learning to meet the objective. This framework is the perfect foundation for rigorous standards, resulting in a McGraw-Hill My Math program that provides the conceptual understanding, key areas of focus, and connection to prior concepts and skills." -- Overview brochure.

Adult Literacy in OECD Countries

Technical Report on the First International Adult Literacy Survey

In December 1995, the Organisation for Economic Co-Operation and Development (OECD) and Statistics Canada jointly published the results of the first International Adult Literacy Survey (IALS). For this survey, representative samples of adults aged 16 to 65 were interviewed and tested in their homes in Canada, France, Germany, the Netherlands, Poland, Sweden, Switzerland, and the United States. This report describes how the survey was conducted in each country and presents all available evidence on the extent of bias in each country's data. Potential sources of bias, including sampling error, non-sampling error, and the cultural appropriateness and construct validity of the assessment instruments, are discussed. The chapters are: (1) "Introduction" (Irwin S. Kirsch and T. Scott Murray); (2) "Sample Design" (Nancy Darcovich); (3) "Survey Response and Weighting" (Nancy Darcovich); (4) "Non-Response Bias" (Nancy Darcovich, Marilyn Binkley, Jon Cohen, Mats Myrberg, and Stefan Persson); (5) "Data Collection and Processing" (Nancy Darcovich and T. Scott Murray); (6) "Incentives and the Motivation To Perform Well" (Stan Jones); (7) "The Measurement of Adult Literacy" (Irwin S. Kirsch, Ann Jungeblut, and Peter B. Mosenthal); (8) "Validity Generalization of the Assessment across Countries" (Don Rock); (9) "An Analysis of Items with Different Parameters across Countries" (Marilyn R. Binkley and Jean R. Pignal); (10) "Scaling and Scale Linking" (Kentaro Yamamoto); (11) "Proficiency Estimation" (Kentaro Yamamoto and Irwin S. Kirsch); (12) "Plausibility of Proficiency Estimates" (Richard Shillington); and (13) "Nested-Factor Models for the Swedish IALS Data" (Bo Palaszewski). Fourteen appendixes contain supplemental information, some survey questionnaires, and additional documentation for various chapters. (Contains 94 tables, 12 figures, and 74 references.) (SLD)

What Universities Owe Democracy

JHU Press "This book identifies four distinct functions of American higher education that colleges and universities have acquired over the past two hundred years and that are integral to liberal democracy: social mobility, citizenship education, the discovery and communication of knowledge, and the cultivation of a pluralistic society. Each chapter takes up one of these functions to analyze and assess"--

Diet and Health

Implications for Reducing Chronic Disease Risk

National Academies Press Diet and Health examines the many complex issues concerning diet and its role in increasing or decreasing the risk of chronic disease. It proposes dietary recommendations for reducing the risk of the major diseases and causes of death today: atherosclerotic cardiovascular diseases (including heart attack and stroke), cancer, high blood pressure, obesity, osteoporosis, diabetes mellitus, liver disease, and dental caries.

Patient Safety and Quality

An Evidence-based Handbook for Nurses

"Nurses play a vital role in improving the safety and quality of patient care -- not only in the hospital or ambulatory treatment facility, but also of community-based care and the care performed by family members. Nurses need know what proven techniques and interventions they can use to enhance patient outcomes. To address this need, the Agency for Healthcare Research and Quality (AHRQ), with additional funding from the Robert Wood Johnson Foundation, has prepared this comprehensive, 1,400-page, handbook for nurses on patient safety and quality -- Patient Safety and Quality: An Evidence-Based Handbook for Nurses. (AHRQ Publication No. 08-0043)."--Online AHRQ blurb, <http://www.ahrq.gov/qual/nursesdbk>.

PISA 2009 Results: What Makes a School Successful? Resources, Policies and Practices (Volume IV)

Resources, Policies and Practices

OECD Publishing This volume of PISA 2009 results examines how human, financial and material resources, and education policies and practices shape learning outcomes.

Manual for Complex Litigation, Fourth

Barron's AP Statistics

Barron's Educational Series Incorporated Reviews topics appearing on the test and provides full-length practice tests, two of which appear on the accompanying CD-ROM.

Educating the Student Body

Taking Physical Activity and Physical Education to School

National Academies Press Physical inactivity is a key determinant of health across the lifespan. A lack of activity increases the risk of heart disease, colon and breast cancer, diabetes mellitus, hypertension, osteoporosis, anxiety and depression and others diseases. Emerging literature has suggested that in terms of mortality, the global population health burden of physical inactivity approaches that of cigarette smoking. The prevalence and substantial disease risk associated with physical inactivity has been described as a pandemic. The prevalence, health impact, and evidence of changeability all have resulted in calls for action to increase physical activity across the lifespan. In response to the need to find ways to make physical activity a health priority for youth, the Institute of Medicine's Committee on Physical Activity and Physical Education in the School Environment was formed. Its purpose was to review the current status of physical activity and physical education in the school environment, including before, during, and after school, and examine the influences of physical activity and physical education on the short and long term physical, cognitive and brain, and psychosocial health and development of children and adolescents. Educating the Student Body makes recommendations about approaches for strengthening and improving programs and policies for physical activity and physical education in the school environment. This report lays out a set of guiding principles to guide its work on these tasks. These included: recognizing the benefits of instilling life-long physical activity habits in children; the value of using systems thinking in improving physical activity and physical education in the school environment; the recognition of current disparities in opportunities and the need to achieve equity in physical activity and physical education; the importance of considering all types of school environments; the need to take into consideration the diversity of students as recommendations are developed. This report will be of interest to local and national policymakers, school officials, teachers, and the education community, researchers, professional organizations, and parents interested in physical activity, physical education, and health for school-aged children and adolescents.

Counter-intelligence (CI)/human Intelligence (HUMINT)

AP Calculus AB Prep Plus 2020 & 2021

8 Practice Tests + Study Plans + Targeted Review & Practice + Online

Simon and Schuster Kaplan's AP Calculus AB Prep Plus 2020 & 2021 is revised to align with the latest exam. This edition features more than 1,000 practice questions in the book and online, complete explanations for every question, and a concise review of high-yield content to quickly build your skills and confidence. Test-like practice comes in 8 full-length exams, 11 pre-chapter quizzes, 11 post-chapter quizzes, and 22 online quizzes. Customizable study plans ensure that you make the most of the study time you have. We're so confident that AP Calculus AB Prep Plus offers the guidance you need that we guarantee it: after studying with our online resources and book, you'll score higher on the exam—or you'll get your money back. To access your online resources, go to kaptest.com/moreonline and follow the directions. You'll need your book handy to complete the process. The College Board has announced that the 2021 exam dates for AP Calculus AB will be May 4, May 24, or June 9, depending on the testing format. (Each school will determine the testing format for their students.) Expert Guidance We know the test—our AP experts make sure our practice questions and study materials are true to the exam. We know students—every explanation is written to help you learn, and our tips on the exam structure and question formats will help you avoid surprises on Test Day. We invented test prep—Kaplan (kaptest.com) has been helping students for 80 years, and 9 out of 10 Kaplan students get into one or more of their top-choice colleges.

Children's Prose Comprehension

Research and Practice

International Reading Assn Designed to provide an exchange of ideas about children's reading comprehension, this book has gathered insights and perspectives from both educators and psychologists concerning the comprehension process. The first section of the book consists of three chapters devoted to literature reviews, each dealing with an aspect of comprehension. Specific areas covered in the reviews are: basic research on the development of prose comprehension, experimental manipulations designed to promote comprehension, and successful instructional materials and practices used for teaching children to comprehend. The second section of the book contains three discussant chapters that provide critical commentary on the literature reviews. The book concludes with a summary chapter and a comprehensive listing of references. (FL)

For Profit Higher Education

The Failure to Safeguard the Federal Investment and Ensure Student Success

Clinical Practice Guidelines For Chronic Kidney Disease

Surgery

A Case Based Clinical Review

Springer Surgery: A Case Based Clinical Review provides the reader with a comprehensive understanding of surgical diseases in one easy to use reference that combines multiple teaching formats. The book begins using a case based approach. The cases presented cover the diseases most commonly encountered on a surgical rotation. The cases are designed to provide the reader with the classic findings on history and physical examination. The case presentation is followed by a series of short questions and answers, designed to provide further understanding of the important aspects of the history, physical examination, differential diagnosis, diagnostic work-up and management, as well as questions that may arise on surgical rounds. Key figures and tables visually reinforce the important elements of the disease process. A brief algorithmic flow chart is provided so the reader can quickly understand the optimal management approach. Two additional special sections further strengthen the student's comprehension. The first section covers areas of controversy in the diagnosis or management of each disease, and another section discusses pitfalls to avoid, where the inexperienced clinician might get in trouble. The text concludes with a series of multiple choice questions in a surgery shelf/USMLE format with robust explanations. Surgery: A Case Based Clinical Review is based on 20 years of Socratic medical student teaching by a nine-time Golden Apple teaching awardee from the UCLA School of Medicine and will be of great utility for medical students when they rotate on surgery, interns, physician assistant students, nursing students and nurse practitioner students.

The Structuring of Organizations

A Synthesis of the Research

Prentice Hall How do organizations structure themselves? A synthesis of the empirical literature in the field, supported by numerous examples and illustrations, provides images that produce a theory. The author introduces five basic configurations of structure - the simple structure, the machine bureaucracy, the professional bu- reaucracy, the divisionalized form, and the adhocracy. This book reveals that structure seems to be at the root of many questions about organizations and why they function as they do.

An Introduction to Statistics

Duxbury Press Many statistics texts lack well-defined connections among materials presented, as if the different topics were disjointed. In this new text, George Woodbury successfully illustrates the natural connections between probability and inferential statistics and between confidence intervals and hypothesis testing, for example. Throughout the text, the author provides explanations that are easy to follow and examples that are concept-based.

How to Design and Evaluate Research in Education

McGraw-Hill Humanities, Social Sciences & World Languages How to Design and Evaluate Research in Education provides a comprehensive introduction to educational research. Step-by-step analysis of real research studies provides students with practical examples of how to prepare their work and read that of others. End-of-chapter problem sheets, comprehensive coverage of data analysis, and information on how to prepare research proposals and reports make it appropriate both for courses that focus on doing research and for those that stress how to read and understand research.

Congressional Record

Proceedings and Debates of the ... Congress

The Congressional Record is the official record of the proceedings and debates of the United States Congress. It is published daily when Congress is in session. The Congressional Record began publication in 1873. Debates for sessions prior to 1873 are recorded in The Debates and Proceedings in the Congress of the United States (1789-1824), the Register of Debates in Congress (1824-1837), and the Congressional Globe (1833-1873)

Alwd Citation Manual

A Professional System of Citation, Fourth Edition

Aspen Publishers ALWD Citation Manual: A Professional System of Citation, now in its Fourth Edition, upholds a single and consistent system of citation for all forms of legal writing. Clearly and attractively presented in an easy-to-use format, edited by Darby Dickerson, a leading authority on American legal citation, the ALWD Citation Manual is simply an outstanding teaching tool. Endorsed by the Association of Legal Writing Directors, (ALWD), a nationwide society of legal writing program directors, the ALWD Citation Manual: A Professional System of Citation, features a single, consistent, logical system of citation that can be used for any type of legal document complete coverage of the citation rules that includes: - basic citation - citation for primary and secondary sources - citation of electronic sources - how to incorporate citations into documents - how to quote material and edit quotes properly - court-specific citation formats, commonly used abbreviations, and a sample legal memorandum with proper citation in the Appendices two-color page design that flags key points and highlights examples Fast Formats quick guides for double-checking citations and Sidebars with facts and tips for avoiding common problems diagrams and charts that illustrate citation style at a glance The Fourth Edition provides facsimiles of research sources that a first-year law student would use, annotated with the elements in each citation and a sample citation for each flexible citation options for (1) the United States as a party to a suit and (2) using contractions in abbreviations new rules addressing citation of interdisciplinary sources (e.g., plays, concerts, operas) and new technology (e.g., Twitter, e-readers, YouTube video) updated examples throughout the text expanded list of law reviews in Appendix 5 Indispensable by design, the ALWD Citation Manual: A Professional System of Citation, Fourth Edition, keeps on getting better

School to Career

Goodheart-Willcox Pub The 10th edition of School to Career builds on what made the previous editions so successful. Students explore careers using the career clusters and pathways framework; understand workplace expectations; develop career-readiness skills; and plan for life beyond graduation. School to Career provides students with the "how to" needed for preparing a résumé, searching for a job, taking on a work-based learning experience, exceeding employer expectations, managing personal finances, and funding postsecondary training and education. Case studies are used to examine challenges students may encounter in the world of work. • Communication, math, and technology skills are developed through activities and useful examples. • Each chapter provides insights on ethics and on using natural resources wisely. • Self-assessment opportunities help focus attention on the acquisition of key concepts.

United Methodist Church Book of Discipline 2016

WHO Guidelines on Hand Hygiene in Health Care

First Global Patient Safety Challenge : Clean Care is Safer Care

World Health Organization The WHO Guidelines on Hand Hygiene in Health Care provide health-care workers (HCWs), hospital administrators and health authorities with a thorough review of evidence on hand hygiene in health care and specific recommendations to improve practices and reduce transmission of pathogenic microorganisms to patients and HCWs. The present Guidelines are intended to be implemented in any situation in which health care is delivered either to a patient or to a specific group in a population. Therefore, this concept applies to all settings where health care is permanently or occasionally performed, such as home care by birth attendants. Definitions of health-care settings are proposed in Appendix 1. These Guidelines and the associated WHO Multimodal Hand Hygiene Improvement Strategy and an Implementation Toolkit (<http://www.who.int/gpsc/en/>) are designed to offer health-care facilities in Member States a conceptual framework and practical tools for the application of recommendations in practice at the bedside. While ensuring consistency with the Guidelines recommendations, individual adaptation according to local regulations, settings, needs, and resources is desirable. This extensive review includes in one document sufficient technical information to support training materials and help plan implementation strategies. The document comprises six parts.

United States Attorneys' Manual

Securing Reasonable Caseloads

Ethics and Law in Public Defense

For the criminal justice system to work, adequate resources must be available for police, prosecutors and public defense. This timely, incisive and important book by Professor Norman Lefstein looks carefully at one leg of the justice system's "three-legged stool" public defense and the chronic overload of cases faced by public defenders and other lawyers who represent the indigent. Fortunately, the publication does far more than bemoan the current lack of adequate funding, staffing and other difficulties faced by public defense systems in the U.S. and offers concrete suggestions for dealing with these serious issues.

Crime and Criminal Justice Systems in Europe and North America, 1995-2004

Criminal Justice Press Recent crime and criminal justice system trends in the countries of Europe and North America are reported, based on data in the sixth through the ninth United Nations Surveys on Crime Trends and the Operations of Criminal Justice Systems (CTS). The CTS is the main source of worldwide data on national recorded crime rates and criminal justice system operations. Data for the years 1995-2004 were obtained from official agencies in Canada, the U.S. and more than 30 countries in Europe, and were analyzed by a working group of international experts. The biggest strength of this dataset is that it allows the study of crime and criminal justice systems over a full ten-year period. Two of the major trends across Europe and North America in this period were: (1) On average, the number of criminal justice personnel and the resources of the national criminal justice systems remained stable. (2) The numbers of recorded assaults, robberies, drug-related offenses and frauds increased, while the numbers of thefts, auto thefts and burglary suspects decreased. The following 11 chapters provide extensive analyses of and statistical data on multinational trends: Introduction by Kauko Aromaa; Trends in Criminal Justice System Resources 1995-2004 by Beata Gruszczynska and Ineke Haen Marshall; Trends of Recorded Crime by Kauko Aromaa and Markku Heiskanen; Persons Brought into Initial Contact with the Police by Markku Heiskanen; Prosecution and Courts by Paul Smit; Juvenile Justice and the United Nations Survey on Crime Trends and Criminal Justice Systems by Steven Malby; Trends in Prison Population 1995-2004 by Roy Walmsley; An Empirical Approach to Country Clustering by Paul Smit, Ineke Haen Marshall and Mirjam van Gammeren; Measu

The State of America's Children Yearbook 2001

Childrens Defense Fund Statistics & analysis regarding finances, health, housing, nutrition, pregnancy, violence, unemployment, family crisis, child care, etc.

Study and Interpretation of the Chemical Characteristics of Natural Water

The chemical composition of natural water is derived from many different sources of solutes, including gases and aerosols from the atmosphere, weathering and erosion of rocks and soil, solution or precipitation reactions occurring below the land surface, and cultural effects resulting from activities of man. Some of the processes of solution or precipitation of minerals can be closely evaluated by means of principles of chemical equilibrium including the law of mass action and the Nernst equation. Other processes are irreversible and require consideration of reaction mechanisms and rates. The chemical composition of the crustal rocks of the earth and the composition of the ocean and the atmosphere are significant in evaluating sources of solutes in natural fresh water. The ways in which solutes are taken up or precipitated and the amounts present in solution are influenced by many environmental factors, especially climate, structure and position of rock strata, and biochemical effects associated with life cycles of plants and animals, both microscopic and macroscopic. Taken all together and in application with the further influence of the general circulation of all water in the hydrologic cycle, the chemical principles and environmental factors form a basis for the developing science of natural-water chemistry. Fundamental data used in the determination of water quality are obtained by

the chemical analysis of water samples in the laboratory or onsite sensing of chemical properties in the field. Sampling is complicated by changes in composition of moving water and the effects of particulate suspended material. Most of the constituents determined are reported in gravimetric units, usually milligrams per liter or milliequivalents per liter. More than 60 constituents and properties are included in water analyses frequently enough to provide a basis for consideration of the sources from which each is generally derived, most probable forms of elements and ions in solution, solubility controls, expected concentration ranges and other chemical factors. Concentrations of elements that are commonly present in amounts less than a few tens of micrograms per liter cannot always be easily explained, but present information suggests many are controlled by solubility of hydroxide or carbonate or by sorption on solid particles. Chemical analyses may be grouped and statistically evaluated by averages, frequency distributions, or ion correlations to summarize large volumes of data. Graphing of analyses or of groups of analyses aids in showing chemical relationships among waters, probable sources of solutes, areal water-quality regimen, and water-resources evaluation. Graphs may show water type based on chemical composition, relationships among ions, or groups of ions in individual waters or many waters considered simultaneously. The relationships of water quality to hydrologic parameters, such as stream discharge rate or ground-water flow patterns, can be shown by mathematical equations, graphs, and maps. About 75 water analyses selected from the literature are tabulated to illustrate the relationships described, and some of these, along with many others that are not tabulated, are also utilized in demonstrating graphing and mapping techniques. Relationships of water composition to source rock type are illustrated by graphs of some of the tabulated analyses. Activities of man may modify water composition extensively through direct effects of pollution and indirect results of water development, such as intrusion of sea water in ground-water aquifers. Water-quality standards for domestic, agricultural, and industrial use have been published by various agencies. Irrigation project requirements for water quality are particularly intricate. Fundamental knowledge of processes that control natural water composition is required for rational management of water quality.

A Threshold Crossed

Israeli Authorities and the Crimes of Apartheid and Persecution

"The widely held assumption that the Israeli occupation of Palestinian territory is a temporary situation and that the 'peace process' will soon bring an end to Israeli abuses has obscured the reality on the ground today of Israel's entrenched discriminatory rule over Palestinians. A single authority, the Israeli government, rules primarily over the area between the Jordan River and Mediterranean Sea, populated by two groups of roughly equal size, methodologically privileging Jewish Israelis while repressing Palestinians, most severely in the Occupied Palestinian Territory (OPT), made-up of the West Bank, including East Jerusalem, and Gaza. Drawing on years of human rights documentation, case studies and a review of government planning documents, statements by officials and other sources, [this report] examines Israel's treatment of Palestinians and evaluates whether particular Israeli policies and practices in certain areas amount to the crimes against humanity of apartheid and persecution."-- Page 4 of cover.