

actuary exams pass rate

Actuaries Exams Pass Rate: A Comprehensive Guide

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Introduction:

The journey to becoming a qualified actuary is rigorous, demanding significant dedication, hard work, and strategic preparation. Central to this journey is understanding the actuary exams pass rate, a crucial metric that reflects the difficulty of the exams and the effectiveness of various study methods. This article delves into the intricacies of actuary exams pass rate, exploring various methodologies for calculating and interpreting these rates, along with strategies to improve your chances of success.

Understanding Actuaries Exams Pass Rate Methodologies:

The actuary exams pass rate isn't a single, universally applicable figure. Different actuarial organizations, such as the Society of Actuaries (SOA) and the Casualty Actuarial Society (CAS), report pass rates differently, often categorized by exam level and exam sitting. Several methodologies contribute to the reported actuary exams pass rate:

Overall Pass Rate: This represents the percentage of candidates who passed a specific exam across all attempts within a given exam sitting period. This is a broad indicator and doesn't account for individual candidate performance history.

First-Time Pass Rate: A more refined metric, this focuses solely on the percentage of candidates passing an exam on their very first attempt. This provides insights into the effectiveness of initial study strategies and the inherent difficulty of the exam material.

Conditional Pass Rate: This is the probability of passing an exam given that the candidate has previously failed it at least once. It reveals valuable data about candidates' ability to learn from past

failures and adapt their study techniques.

Pass Rates by Demographic: Some organizations may provide pass rate data segmented by demographic factors such as age, gender, or education background. Analyzing these breakdowns can highlight potential disparities and guide targeted support initiatives.

Factors Influencing Actuaries Exams Pass Rate:

The actuary exams pass rate is not static; it fluctuates due to several interacting factors:

Exam Difficulty: The inherent difficulty of the exam material significantly impacts the pass rate. Some exams are known to be more challenging than others, leading to lower pass rates.

Curriculum Changes: Modifications to the syllabus or exam format often result in temporary dips in pass rates as candidates adjust to the new material.

Study Materials and Resources: Access to high-quality study materials, experienced tutors, and effective study groups can significantly boost the actuary exams pass rate.

Candidate Preparation: Individual candidate preparation levels directly correlate with success. Dedicated study, consistent practice, and effective time management are crucial for improving the chances of passing.

Exam-Taking Strategies: Mastering exam techniques, such as time management, question selection, and stress management, plays a significant role in overall exam performance and contributes to the actuary exams pass rate.

Analyzing and Interpreting Actuaries Exams Pass Rate Data:

While the actuary exams pass rate provides a valuable benchmark, it shouldn't be interpreted in isolation. Context is crucial. Understanding the specific methodology used, the relevant exam period, and the influencing factors discussed earlier allows for a more accurate and nuanced understanding of the data. Furthermore, comparing pass rates across different exams and exam sittings requires caution, as variations in exam difficulty and candidate preparation levels can significantly skew comparisons.

Strategies for Improving Your Chances of Success:

Improving your chances of success and ultimately impacting the actuary exams pass rate (in your own personal context) involves a multi-faceted approach:

Comprehensive Study Plan: Develop a structured study plan that covers all exam topics thoroughly, leaving ample time for review and practice.

Effective Study Techniques: Utilize proven learning methods such as active recall, spaced repetition, and practice problems to enhance knowledge retention and application.

High-Quality Study Materials: Select reputable study materials aligned with the latest exam syllabus

and choose resources that best match your learning style.

Consistent Practice: Regular practice exams are crucial for simulating exam conditions and identifying knowledge gaps.

Seek Support: Join study groups or utilize tutoring services to leverage collaborative learning and benefit from expert guidance.

Manage Stress: Develop strategies for managing exam-related stress to optimize performance on exam day.

Conclusion:

The actuarial exams pass rate serves as a valuable indicator of exam difficulty and candidate preparation levels. By understanding the methodologies behind calculating these rates and the factors influencing them, aspiring actuaries can gain valuable insights into their preparation strategies and improve their chances of success. While the pass rate provides a benchmark, focusing on diligent preparation, effective study techniques, and targeted support is key to achieving success on the challenging but rewarding path to becoming a qualified actuary.

FAQs:

1. Where can I find the most up-to-date actuarial exams pass rates? The SOA and CAS websites are the best sources for official pass rate data.
2. Does a low actuarial exams pass rate necessarily indicate a poor exam? Not always. It might indicate a particularly challenging exam or a cohort of candidates with less experience.
3. How can I improve my chances of passing on my first attempt? Thorough preparation, effective study strategies, and early start are key.
4. Are there any significant differences in the pass rates between SOA and CAS exams? Yes, pass rates vary between societies and even between different exams within the same society, reflecting differences in exam difficulty and content.
5. Does the actuarial exams pass rate reflect the quality of actuaries entering the profession? It's a factor, but not the sole indicator. Other factors like practical experience and continuous professional development also play crucial roles.
6. What should I do if I fail an actuarial exam? Review your study methods, seek feedback, and adjust your strategy for the next attempt. Don't be discouraged; perseverance is vital.
7. How often are the actuarial exams pass rates updated? Typically, they are released after each exam sitting.
8. Are there any resources to help me better understand and interpret actuarial exams pass rate data? Actuarial organizations often publish detailed reports and explanations of their pass rate data.

9. Is there a correlation between the actuarial exams pass rate and the job market for actuaries?
Not a direct correlation, but a generally high pass rate suggests a healthy pipeline of new qualified actuaries.

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actuary exams pass rate: Actuarial Exam Tactics Mike Jennings, Roy Ju, 2017

actuary exams pass rate: Actuaries' Survival Guide Fred Szabo, 2012-06-25 What would you like to do with your life? What career would allow you to fulfill your dreams of success? If you like mathematics—and the prospect of a highly mobile, international profession—consider becoming an actuary. Szabo's *Actuaries' Survival Guide*, Second Edition explains what actuaries are, what they do, and where they do it. It describes exciting combinations of ideas, techniques, and skills involved in the day-to-day work of actuaries. This second edition has been updated to reflect the rise of social networking and the internet, the progress toward a global knowledge-based economy, and the global expansion of the actuarial field that has occurred since the first edition. - Includes details on the new structures of the Society of Actuaries' (SOA) and Casualty Actuarial Society (CAS) examinations, as

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actuary exams pass rate: Probability Models Alexander Solla, 2015-08-31 Probability Models is exactly what you need to pass the Society of Actuaries' Exam P. It is more than just a study guide. It is a textbook covering the entire syllabus, and includes illuminating examples, 123 instructive problems, with complete solutions, and a challenging, realistic practice exam, so you can be confident that you have mastered the exam syllabus. Probability Models also includes a bonus special chapter on probability models for insurance. Probability Models was written by Alexander Solla, a trusted writer and educator whose books, Financial Mathematics and Financial Economics have helped hundreds of actuarial students pass their exams. Are you ready to pass Exam P? Don't wait another minute. Get Probability Models today.

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actuary exams pass rate: Actex Study Manual , 2010

actuary exams pass rate: ACTEX Study Manual for SOA Exam P Samuel A. Broverman, 2022 The study guide is designed to help in the preparation for the Society of Actuaries Exam P. The study manual is divided into two main parts. It will be most effective for those who have had courses in college calculus at least to the sophomore level and courses in probability to the sophomore or junior level.

actuary exams pass rate: Active Value Investing Vitaliy N. Katsenelson, 2012-06-15 A strategy to profit when markets are range bound-which is half of the time One of the most significant challenges facing today's active investor is how to make money during the times when markets are going nowhere. Bookshelves are groaning under the weight of titles written on investment strategy in bull markets, but there is little guidance on how to invest in range bound markets. In this book, author and respected investment portfolio manager Vitaliy Katsenelson makes a convincing case for range-bound market conditions and offers readers a practical strategy for proactive investing that improves profits. This guide provides investors with the know-how to modify the traditional, fundamentally driven strategies that they have become so accustomed to using in bull markets, so that they can work in range bound markets. It offers new approaches to margin of safety and presents terrific insights into buy and sell disciplines, international investing, Quality, Valuation, and Growth framework, and much more. Vitaliy Katsenelson, CFA (Denver, CO) has been involved with the investment industry since 1994. He is a portfolio manager with Investment Management Associates where he co-manages institutional and personal assets utilizing fundamental analysis. Katsenelson is a member of the CFA Institute, has served on the board of CFA Society of Colorado, and is also on the board of Retirement Investment Institute. Vitaliy is an adjunct faculty member at the University of Colorado at Denver - Graduate School of Business. He is also a regular contributor to the Financial Times, The Motley Fool, and Minyanville.com.

actuary exams pass rate: Actuarial Mathematics Harry H. Panjer, American Mathematical Society, 1986 These lecture notes from the 1985 AMS Short Course examine a variety of topics from the contemporary theory of actuarial mathematics. Recent clarification in the concepts of probability and statistics has laid a much richer foundation for this theory. Other factors that have shaped the

theory include the continuing advances in computer science, the flourishing mathematical theory of risk, developments in stochastic processes, and recent growth in the theory of finance. In turn, actuarial concepts have been applied to other areas such as biostatistics, demography, economic, and reliability engineering.

actuary exams pass rate: Achieving Your Pinnacle: A Career Guide for Actuaries Tom Miller, 2009-05-12 Tom Miller recognized the need to write this book a few years ago, after reviewing postings on popular discussion pages frequented by actuaries. He was surprised and troubled by the magnitude of misinformation posted on these websites. Clearly actuaries and actuarial students posting this information are only trying to be helpful to one another, but they frequently lack the necessary experience and expertise to offer sound advice. Tom seeks to provide readers of his career guide with valuable insights regarding the actuarial employment market, covering topics such as choice of product specialization, how to conduct effective job searches, switching successfully from insurance to consulting and inside tips on what clients are really looking for when they interview you. Armed with deep knowledge and a unique perspective on the actuarial profession, Tom expects that this book will be a resource that will help you make better career decisions and Achieve Your Pinnacle.

actuary exams pass rate: Actuaries' Survival Guide Fred Szabo, 2012-05-21 What would you like to do with your life? What career would allow you to fulfill your dreams of success? If you like mathematics-and the prospect of a highly mobile, international profession-consider becoming an actuary. Szabo's Actuaries' Survival Guide, Second Edition explains what actuaries are, what they do, and where they do it. It describes exciting combinations of ideas, techniques, and skills involved in the day-to-day work of actuaries. This second edition has been updated to reflect the rise of social networking and the internet, the progress toward a global knowledge-based economy, and the global expansion of the actuarial field that has occurred since the first edition. Includes details on the new structures of the Society of Actuaries' (SOA) and Casualty Actuarial Society (CAS) examinations, as well as sample questions and answers Presents an overview of career options, includes profiles of companies & agencies that employ actuaries. Provides a link between theory and practice and helps readers understand the blend of qualitative and quantitative skills and knowledge required to succeed in actuarial exams Includes insights provided by over 50 actuaries and actuarial students about the actuarial profession Author Fred Szabo has directed the Actuarial Co-op Program at Concordia for over fifteen years

actuary exams pass rate: Fundamentals of Actuarial Mathematics S. David Promislow, 2011-01-06 This book provides a comprehensive introduction to actuarial mathematics, covering both deterministic and stochastic models of life contingencies, as well as more advanced topics such as risk theory, credibility theory and multi-state models. This new edition includes additional material on credibility theory, continuous time multi-state models, more complex types of contingent insurances, flexible contracts such as universal life, the risk measures VaR and TVaR. Key Features: Covers much of the syllabus material on the modeling examinations of the Society of Actuaries, Canadian Institute of Actuaries and the Casualty Actuarial Society. (SOA-CIA exams MLC and C, CSA exams 3L and 4.) Extensively revised and updated with new material. Orders the topics specifically to facilitate learning. Provides a streamlined approach to actuarial notation. Employs modern computational methods. Contains a variety of exercises, both computational and theoretical, together with answers, enabling use for self-study. An ideal text for students planning for a professional career as actuaries, providing a solid preparation for the modeling examinations of the major North American actuarial associations. Furthermore, this book is highly suitable reference for those wanting a sound introduction to the subject, and for those working in insurance, annuities and pensions.

actuary exams pass rate: Foundations of Casualty Actuarial Science , 1996

actuary exams pass rate: *Formulae and Tables for Examinations of the Faculty of Actuaries and the Institute of Actuaries* , 2002-01-01

actuary exams pass rate: How to Be an Actuary: A Comprehensive Guide Simon Meadows,

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actuary exams pass rate: Probability and Statistics for Actuaries Natalia A. Humphreys, Yuly Koshevnik, 2021-04-07 Probability and Statistics for Actuaries provides students with a structured and detailed explanation of the probabilistic and statistical aspects of actuarial science to help them formalize and deepen their knowledge in these areas. The text is divided into two distinct parts with the first focusing on probability and the second focusing on statistics. Part I begins with a strategic review of probabilistic models and techniques. Additional chapters cover conditional probability, variance, and expectation with distinct emphasis of the Bayesian approach. Students learn about the Bayesian framework for credibility and the relationship between Bühlmann approximation and empirical Bayes. Part II begins with a review of statistical models and techniques and then proceeds with a robust chapter that discusses parametric statistical inference. The text includes two helpful appendices: a one-sample K-S table and a one-sample A-D table. Designed to help students expand their knowledge, Probability and Statistics for Actuaries is an exceptional resource for courses within the actuarial sciences. It is also ideal for individuals preparing to take professional exams given by the Society of Actuaries and Casualty Actuarial Society.

actuary exams pass rate: The Influential Actuary David C. Miller, 2010 Lays out specific tools and strategies that enable actuaries and other technical professionals to add greater value to their organizations by being more influential in the way they communicate, influence and relate to others. --from publisher description

actuary exams pass rate: Actuaries' Survival Guide Ping Wang, Fred Szabo, 2024-02-02 Actuaries' Survival Guide: Navigating the Exam and Data Science, Third Edition explains what actuaries are, what they do, and where they do it. It describes exciting combinations of ideas, techniques, and skills involved in the day-to-day work of actuaries. This edition has been updated to reflect the rise of social networking and the internet, the progress toward a global knowledge-based economy, and the global expansion of the actuarial field that has occurred since the prior edition. - Includes details on the Society of Actuaries' (SOA) and Casualty Actuarial Society (CAS) examinations, as well as sample questions and answers - Presents an overview of career options and includes profiles of companies and agencies that employ actuaries - Provides a link between theory and practice and helps readers understand the blend of qualitative and quantitative skills and knowledge required to succeed in actuarial exams - Offers insights provided by real-life actuaries and actuarial students about the profession

actuary exams pass rate: Computational Actuarial Science with R Arthur Charpentier, 2014-08-26 A Hands-On Approach to Understanding and Using Actuarial Models Computational Actuarial Science with R provides an introduction to the computational aspects of actuarial science. Using simple R code, the book helps you understand the algorithms involved in actuarial computations. It also covers more advanced topics, such as parallel computing and C/

actuary exams pass rate: Probability Theory Olivier Le Courtois, 2018-01-29 This book presents in a very compact way the fundamental aspects of probability theory. It provides the key concepts and tools a student needs to master the Exam P of the Society of Actuaries (SOA) and the Exam 1 of the Casualty Actuarial Society (CAS). This text benefits from the vision and experience of the author, who is a professor who has taught probability theory in finance, insurance, and risk management for many years. The author is also a Fellow of the Society of Actuaries. Students interested in economics, finance, statistics, mathematics, or other fields, will also find this book a useful tool to help them further their studies. This book can also be warmly recommended as a prerequisite reading to the students who consider taking, or are in the process of taking, the Chartered Financial Analyst (CFA) exams. Indeed, the statistics and portfolio management material studied in the CFA syllabus is fundamentally based on the probability results shown in this book. This text does not just present the material; it furthers an understanding of the foundations of probability theory. This book does not include exercises because it is designed to be used with the (long) series of exercises made freely available by the Society of Actuaries. The tables in the appendix link the exercises of the Society of Actuaries with the equations in the book. These tables can be a very convenient tool for providing hints for the exercises that the student cannot solve - instead of going directly to the solutions. The order in which the contents of this book are presented mostly respects the order of the Society of Actuaries and Casualty Actuarial Society syllabi. Very few adjustments were made to this order and they were done for pedagogical improvement reasons only. This text is the first one in a series dedicated to actuarial associateship exams. In each of these books, conceptual links between the contents of the various exams are provided. This book was also written in such a way that you can use it throughout your career. This book is the book the author would have liked to have when he took the Exam P of the Society of Actuaries. It contains all the formulas that are useful to solve the official exercises of the SOA. This book is compact, theoretically solid, and not verbose. Get a first view of the contents: Click on Look Inside!

actuary exams pass rate: Generalized Linear Models for Insurance Rating Mark Goldburd, Anand Khare, Dan Tevet, 2016-06-08

actuary exams pass rate: *My Life as a Quant* Emanuel Derman, 2016-01-11 In *My Life as a Quant*, Emanuel Derman relives his exciting journey as one of the first high-energy particle physicists to migrate to Wall Street. Page by page, Derman details his adventures in this field—analyzing the incompatible personas of traders and quants, and discussing the dissimilar nature of knowledge in physics and finance. Throughout this tale, he also reflects on the appropriate way to apply the refined methods of physics to the hurly-burly world of markets.

actuary exams pass rate: A/S/M SOA Exam IFM Abraham Weishaus, 2018

actuary exams pass rate: **Regression Modeling with Actuarial and Financial Applications** Edward W. Frees, 2010 This book teaches multiple regression and time series and how to use these to analyze real data in risk management and finance.

actuary exams pass rate: **Bulletin of the United States Bureau of Labor Statistics**, 1980

actuary exams pass rate: *A Risky Business* Catrin Townsend, 2022-09-24 Intangible, invisible and worth trillions, risk is everywhere. Its quantification and management are key to the success and failure of individuals, businesses and governments. Whether you're an interested observer or pursuing a career in risk, this book delves into the complex and multi-faceted work that actuaries undertake to quantify, manage and commodify risk—supporting our society and servicing a range of multi-billion-dollar industries. Starting at the most basic level, this book introduces key concepts in actuarial science, insurance and pensions. Through case studies, explanations and mathematical examples, it fosters an understanding of current industry practice. This book celebrates the long

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actuary exams pass rate: Probability and Statistics with Applications: A Problem

Solving Text Leonard Asimow, Ph.D., ASA, Mark Maxwell, Ph.D., ASA, 2015-06-30 This text is listed on the Course of Reading for SOA Exam P. Probability and Statistics with Applications is an introductory textbook designed to make the subject accessible to college freshmen and sophomores concurrent with Calc II and III, with a prerequisite of just one semester of calculus. It is organized specifically to meet the needs of students who are preparing for the Society of Actuaries qualifying Examination P and Casualty Actuarial Society's new Exam S. Sample actuarial exam problems are integrated throughout the text along with an abundance of illustrative examples and 870 exercises. The book provides the content to serve as the primary text for a standard two-semester advanced undergraduate course in mathematical probability and statistics. 2nd Edition Highlights Expansion of statistics portion to cover CAS ST and all of the statistics portion of CAS S Abundance of examples and sample exam problems for both Exams SOA P and CAS S Combines best attributes of a solid text and an actuarial exam study manual in one volume Widely used by college freshmen and sophomores to pass SOA Exam P early in their college careers May be used concurrently with calculus courses New or rewritten sections cover topics such as discrete and continuous mixture distributions, non-homogeneous Poisson processes, conjugate pairs in Bayesian estimation, statistical sufficiency, non-parametric statistics, and other topics also relevant to SOA Exam C.

actuary exams pass rate: Black Enterprise , 1994-02 BLACK ENTERPRISE is the ultimate source for wealth creation for African American professionals, entrepreneurs and corporate executives. Every month, BLACK ENTERPRISE delivers timely, useful information on careers, small business and personal finance.

actuary exams pass rate: An Introduction to the Mathematics of Finance Stephen Garrett, 2013-05-28 An Introduction to the Mathematics of Finance: A Deterministic Approach, Second edition, offers a highly illustrated introduction to mathematical finance, with a special emphasis on interest rates. This revision of the McCutcheon-Scott classic follows the core subjects covered by the first professional exam required of UK actuaries, the CT1 exam. It realigns the table of contents with the CT1 exam and includes sample questions from past exams of both The Actuarial Profession and the CFA Institute. With a wealth of solved problems and interesting applications, An Introduction to the Mathematics of Finance stands alone in its ability to address the needs of its primary target audience, the actuarial student. - Closely follows the syllabus for the CT1 exam of The Institute and Faculty of Actuaries - Features new content and more examples - Online supplements available: <http://booksite.elsevier.com/9780080982403/> - Includes past exam questions from The Institute and Faculty of Actuaries and the CFA Institute

actuary exams pass rate: Making the Grade Nicholas Mocciolo, 2013 The single-source reference on career advancement and exam-taking skills for wherever you are in the exam process. The author shares a wealth of practical tips and techniques to increase your probability of passing every exam on your first try, just as he did. Information on actuarial organizations in the U.S. and Canada to help you navigate their educational programs, and better understand possible career options and paths. A review of communications and leadership skills that will make you more marketable and facilitate your rise to the top. Specifically targeted to actuarial students. Please note there are no returns on the digital version. The content of this volume will be found indispensable to anyone embarking upon a daunting process which is likely to devour a significant part of young adulthood. It should be included as no less a part of the employment package for an aspiring actuary than fringe benefit descriptions and a W-4 form - Robert W Batten, FSA Professor Emeritus of

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actuary exams pass rate: Occupational Outlook Handbook 2014-2015 U.S. Department of Labor, 2014-08-19 Written by the U.S. Department of Labor, the Occupational Outlook Handbook 2014-2015 is designed to provide valuable, up-to-date assistance to individuals making decisions about their futures. Accompanying each profession are descriptions of the nature of the work, work environment, and the required qualifications, training, and education, as well as job earnings, related occupations. The book includes details on more than 250 occupations—that's 90 percent of the jobs available in the United States. It also includes job search methods and job outlook. Keep up in the scramble to stay afloat in the waning job market by staying informed as you plan your training and career.

actuary exams pass rate: Occupational Outlook Handbook , 2008

actuary exams pass rate: 101 Careers in Mathematics: Fourth Edition Deanna Haunsperger, Robert Thompson, 2019-09-24 What can you do with a degree in math? This book addresses this question with 125 career profiles written by people with degrees and backgrounds in mathematics. With job titles ranging from sports analyst to science writer to inventory specialist to CEO, the volume provides ample evidence that one really can do nearly anything with a degree in mathematics. These professionals share how their mathematical education shaped their career choices and how mathematics, or the skills acquired in a mathematics education, is used in their daily work. The degrees earned by the authors profiled here are a good mix of bachelors, masters, and PhDs. With 114 completely new profiles since the third edition, the careers featured within accurately reflect current trends in the job market. College mathematics faculty, high school teachers, and career counselors will all find this a useful resource. Career centers, mathematics departments, and student lounges should have a copy available for student browsing. In addition to the career profiles, the volume contains essays from career counseling professionals on the topics of job-searching, interviewing, and applying to graduate school.

actuary exams pass rate: The Snowball System Mo Bunnell, 2018-09-11 Mo Bunnell's comprehensive system will help you win more clients, build stronger relationships, and bring in more business. If you're good at doing something, and you need to connect with paying clients in order to keep doing it, this book is for you. There are more of us out there than you might think -- from professionals like lawyers and consultants to big company account managers and freelancers of all stripes. And this book will teach you how to sell yourself without selling your soul. In The Snowball System, Mo Bunnell offers powerful and proven tools for business development. Whether you are gregarious or introverted, whether you are a part of a small startup or a massive multinational, Bunnell's science-based system is effective and efficient, and easily adapted into your day-to-day work. With The Snowball System, you will not only succeed at growing your business, you'll learn to enjoy doing the activities that drive that growth. You'll be happier, and so will your clients.

actuary exams pass rate: Area Wage Survey , 1982

actuary exams pass rate: Occupational Outlook Handbook 2010-2011 (Paperback) Labor Dept. (U.S.), Bureau of Labor Statistics, 2010 An important resource for employers, career counselors, and job seekers, this handbook contains current information on today's occupations and future hiring trends, and features detailed descriptions of more than 250 occupations. Find out what occupations entail their working conditions, the training and education needed for these positions, their earnings, and their advancement potential. Also includes summary information on 116 additional occupations.

actuary exams pass rate: Oversight Hearings on the Longshoremen's and Harbor Workers' Compensation Act United States. Congress. House. Committee on Education and Labor. Subcommittee on Compensation, Health, and Safety, 1977

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