Considering a Career as an Actuary at Nationwide Insurance – Property & Casualty

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Why work at Nationwide?

What skills are needed to be an Actuary?

What do Actuaries do?

How can I prepare for an actuarial career?

What can I expect as an intern/analyst at Nationwide?
Why Work at Nationwide?

- Financially Strong, Stable Company
- Mutual Heritage and Community Involvement
- Diversified Product Offerings
Why Work at Nationwide?

- We embrace
  - Personality; a Passion for Action; Unique Perspectives, Different Viewpoints, Experiences, Skills and Cultural Backgrounds.

- Vision of Success at Nationwide
  - Diversity and Inclusion are a way of life at Nationwide where …associates’ voices are heard and valued and …our customers know Nationwide is On Your Side®
Actuarial Roles at Nationwide – P&C

- Personal Lines / PowerSports Pricing
- Finance / Reserving
- Commercial Lines / Agribusiness Pricing
- Strategy / Performance Management
- Product Management / Development
- Research & Analytics
What Skills are Needed to Be an Actuary?

- Solid mathematical background
- Strong computer skills
- Written and oral communication skills
- Keen analytical and problem solving skills
Why Be an Actuary?

- Consistently one of the top ranked jobs in sources such as *US News and World Report, The Jobs Rated Almanac* and *CNN Money*.
- Experienced fellows can earn from $150,000 to $250,000 annually.
- Entry level actuaries with 1 – 2 exams can earn $58,000+ annually.
What Do Actuaries Do?

- Conduct studies of insurance rate adequacy
- Estimate the amount of money to be set aside for insurance claims that have not been paid
- Participate in various aspects of corporate planning
- Calculate a fair price for a new insurance product
- Forecast the impact of catastrophes
- Implement and monitor investment programs
BACKGROUND

- ABC Insurance Company insures 10,000 eighteen year old drivers.
- 3,000 of the 10,000 have accidents within a year.
- The average repair cost for each accident is $500.

SOLVE

- How much should ABC charge each of the eighteen year olds for a one year car insurance policy?
• Total premiums paid should equal the total estimated cost of the accidents.
• Total estimated cost of the accidents = 3,000 x $500 = $1,500,000
• Total premium paid = total cost of accidents
• Total premium paid = $1,500,000
• Dollar amount of premium for each driver = $1,500,000/10,000 = $150
Pricing Example

BACKGROUND

- Assume 4,000 of the drivers are males and 6,000 are females.
- Assume 2,000 out of 3,000 of accidents will involve males, and the remaining 1,000 accidents will involve females.

QUESTION

- What premium should be charged for the males and the females? Should it be the same?
How to Prepare for an Actuarial Career

- Plan a course load in mathematics, statistics, and actuarial science
- Include business and computer courses to broaden your options
- Take courses to satisfy VEE requirements
- Look for internship opportunities
- Pass actuarial exams; most entry-level candidates today have passed 1 – 2 exams
What Can I Expect as an Nationwide P&C Intern?

- 12-week paid program
- On-the-job experience
- Corporate intern events
- Mentorship program
- Weekly opportunities to learn about other actuarial areas
- End of program presentation
- Taking resumes until September 24th
What Can I Expect as an Entry-Level Analyst?

- Cohesive, team-oriented work environment that supports actuarial students
- Training to help new analysts
- Exposure to various areas in the organization
- Benefits of being a Nationwide employee
- Competitive Actuarial Program
  - Paid study time
  - Paid exam costs and study material
  - Raises for passing exams
Questions