

# CAREER PATHWAY: ACTUARY



**What do they do?** Analyze statistical data, such as mortality, accident, sickness, disability, and retirement rates and construct probability tables to forecast risk and liability for payment of future benefits. May ascertain premium rates required and cash reserves necessary to ensure payment of future benefits.

**People with these roles and responsibilities are also called:** Actuary, Actuarial Analyst, Pricing Actuary, Product Development Actuary, Actuarial Assistant, Actuarial Associate,

Actuarial Consultant, Consulting Actuary, Health Actuary, Pricing Analyst

**Some typical job duties include:**

- Ascertain premium rates required and cash reserves and liabilities necessary to ensure payment of future benefits.
- Design, review and help administer insurance, annuity and pension plans, determining financial soundness and calculating premiums.
- Analyze statistical information to estimate mortality, accident, sickness, disability, and retirement rates.
- Provide expertise to help financial institutions manage risks and maximize returns associated with investment products or credit offerings.



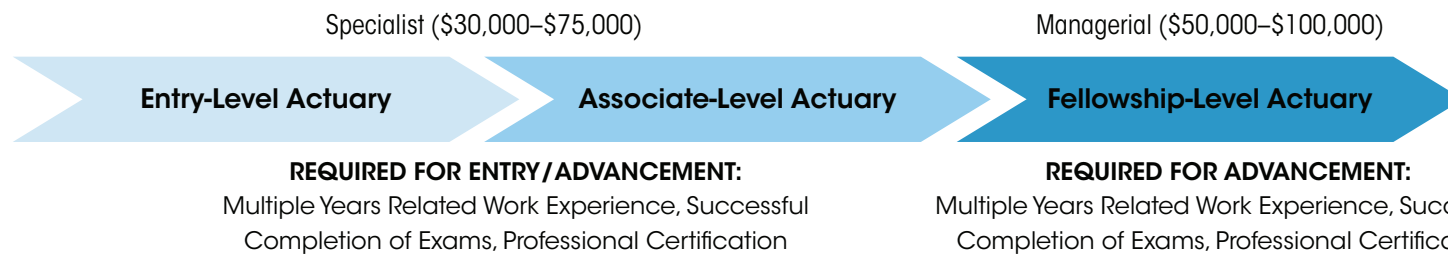
**HOW MUCH DO THESE JOBS PAY IN OHIO?**

**AVERAGE:**  
**\$94,070**

**MOST IMPORTANT OCCUPATIONAL SKILLS**

- Basic Skills:** Mathematical, Critical Thinking, Reading Comprehension
- Social Skills:** Social Perceptiveness, Coordination, Persuasion
- Problem Solving Skills:** Complex Problem Solving
- Technical Skills:** Operations Analysis, Programming
- System Skills:** Judgment and Decision Making, Systems Analysis, Systems Evaluation
- Resource Management Skills:** Time Management, Management of Personnel Resources, Management of Financial Resources

**CAREER PATHWAY AND EDUCATIONAL REQUIREMENTS**



**SOME CERTIFICATIONS THAT CAN HELP YOU ADVANCE:** Associate in the Society of Actuaries: ASA (Society of Actuaries)

**Associate in the Casualty Actuarial Society:** ACAS (Casualty Actuarial Society)

**Fellow of the Society of Actuaries:** (Society of Actuaries)

**Fellow of the Casualty Actuarial Society:** FCAS (Casualty Actuarial Society)