

Service Reference Guide

# Actuarial Consulting

*for Self-Insurance & Alternative Risk Financing*



Leading corporations, government entities, and many other types of organizations increasingly are considering alternative approaches for financing risks. Alternative risk financing takes many forms, including:

- Self-insured retentions
- Large deductibles
- Captive insurance
- Risk retention groups
- Risk purchasing groups
- Risk pools
- Joint Powers Authorities

Alternative risk financing methods introduce unique challenges. Companies must understand the specific financial and regulatory requirements associated with alternative risk financing, choose the most beneficial structure, and then properly fund and reserve for future costs. Such companies also find themselves dealing with increasing regulatory accounting standards, associated with the GASB, the FASB, and Sarbanes-Oxley. Perr&Knight's actuarial consultants can help meet these unique challenges.



## Perr&Knight's Actuarial Consultants

Perr&Knight has assembled an expert team of actuaries with deep industry experience, seasoned project management, communication and consulting skills, and a keen understanding of our clients' business. Perr&Knight is one of the top 10 largest property and casualty actuarial consulting firms in the United States.

Perr&Knight employs more than 100 insurance professionals, including 25+ Fellows and Associates of the Casualty Actuarial Society and the Society of Actuaries. Our actuarial consultants come from numerous, diverse backgrounds, including rating bureaus, primary insurance companies, reinsurance companies and other consulting firms. They have experience with nearly all lines of personal and commercial property and casualty insurance. Perr&Knight's actuarial consultants provide our clients with:

- A comprehensive array of actuarial services
- Extensive industry knowledge and expertise
- Accomplished project management and consulting skills
- Excellent communication skills

## Our Self-insurance and Alternative Risk Financing Clients

Perr&Knight has worked with hundreds of clients who engage in alternative risk financing. Our clients include the following types of entities:

- Publicly traded companies
- Privately held companies
- Not-for-profits
- Hospitals and other health care organizations
- School districts and universities
- Government entities
- Religious institutions
- Fraternal organization

Many of our clients finance the lines of insurance traditionally insured in the alternative market, including workers compensation, general liability, commercial auto and medical malpractice. We also provide actuarial services to clients who choose to finance more niche coverages, such as cargo, fraud, directors and officers liability, trade credit and contingent liability.

Captive insurance is an important means of alternative risk financing for many of our clients. We provide services to captive clients domiciled in Arizona, the District of Columbia, Hawaii, Montana, Nevada, South Carolina, Vermont, Barbados, Bermuda and the Cayman Islands. Perr&Knight is also very involved in the Arizona, Hawaii and Vermont captive insurance associations.





## Actuarial Services for Self-insurance and Alternative Risk Financing

Perr&Knight provides a complete array of actuarial services for alternative risk financing, including:

- Feasibility studies
- Captive/Self-insurance program design
- Pro-forma financial projections
- Certification of self-insurance reserves
- Loss reserve analysis and opinions
- Loss projection and funding analyses
- Limits, deductible and retention analyses
- Equity and cost allocation
- Cash flow analyses
- Analysis of the impact of reinsurance

## Reinsurance Risk Transfer Analysis

All actuarial analysis is subject to our peer review and technical review processes to ensure that our recommendations and results are based on accurate and thoughtful calculations. Perr&Knight's actuarial consultants have access to an extensive database containing hundreds of thousands of commercial carrier rate filings. Our actuaries can obtain premiums charged by commercial carriers and industry loss statistics from these filings in order to make projections for an entity entering the alternative risk financing market with no experience, or to supplement an entity's historical data.





## About Perr&Knight

Founded in 1994, Perr&Knight provides insurance consulting and software solutions to the property and casualty and accident and health industries. Services include actuarial consulting, product development, insurance policy and forms consulting, regulatory compliance, state filings, licensing, technology consulting, statistical reporting, data services, and predictive analytics. Software includes StateFilings.com, a leading cloud-based state filings management solution. With offices in Santa Monica, Boca Raton, the New York Metro Area, Fort Worth, and Cincinnati, and more than 100 insurance professionals, Perr&Knight is among the largest independent actuarial and insurance consulting firms in the United States.



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