PROPOSAL

ACTUARIAL REVIEW AND CONSULTING SERVICES FOR PROPERTY AND CASULATY INSURANCE PRODUCT RATE FILINGS

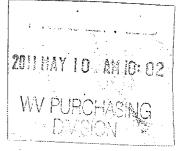
RFQ INS11014

State of West Virginia
Offices of the Insurance Commissioner



OFFERED BY:

Merlinos & Associates, Inc. 3274-B Medlock Bridge Road Norcross, GA 30092 Merlinos & Associates, Inc.





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INSURANCE COMMISSION

1124 SMITH STREET CHARLESTON, WV

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State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

MERLINOS & ASSOCIATES INC

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NORCROSS GA 30092

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MERLINOS & ASSOCIATES, INC.

ACTUARIES AND CONSULTANTS

May 5, 2011

Shelly Murray, Buyer Supervisor
Purchasing Division
2019 Washington Street, East
Charleston, West Virginia 25305-0130

RE: Actuarial Review and Consulting Services, RFQ INS11014

Dear Ms. Murray:

It is a pleasure to provide the West Virginia Offices of the Insurance Commissioner (OIC) this proposal to provide Actuarial Review and Consulting Services. Merlinos & Associates (M&A) has considerable experience assisting state insurance departments with rate filings reviews and numerous other actuarial services, and it is our hope that this proposal will demonstrate our ability to meet the needs of the OIC. Some of our firm highlights include:

- A top 5 U.S. property and casualty actuarial consulting office based on the number of credentialed actuaries on staff.
- 36 actuarial professionals, including 20 credentialed actuaries and 16 actuarial analysts.
- More than 1,000 rate filing reviews.
- More than 200 financial and target examinations.
- Considerable expert testimony experience.

We appreciate the opportunity to submit this proposal and hope we can work with the OIC. We are happy to provide any additional information and answer any questions you may have. My direct line is 678-684-4852 and my e-mail address is sbuehler@merlinosinc.com.

Sincerely,

Sue Buenler, FCAS, MAAA

Consulting Actuary

PROPOSAL CONTACT

David M. Shepherd, FCAS, MAAA

Vice President

AUTHORIZED OFFEROR

SUMMARY

Understanding

M&A understands that the OIC is seeking assistance from a qualified firm for the following:

- Actuarial rate review of property and casualty related product filings
 - Including but not limited to: marine, surety, homeowners, liability, medical malpractice, workers' compensation, product liability, personal auto, commercial auto, credit, title
- Additional services that may include:
 - Appearances before legislative and executive bodies
 - o Testimony at rate hearings
 - Preparation of written reports related to rate filing reviews
 - Other consulting services, including special reviews or analysis of specific property casualty products.

Firm Information

M&A is one of the largest property and casualty actuarial consulting firms in the United States. We maintain one of the top five P&C actuarial consulting offices in the U.S. based on the number of credentialed actuaries. Currently, our firm employs 36 actuarial professionals, including 20 credentialed actuaries. M&A is headquartered in metro Atlanta with a satellite office in San Antonio, TX.

CORE SERVICES: M&A provides reviews of rates and reserves for primary insurers, reinsurers, municipalities, state insurance departments, law firms, agencies and self-insured entities and groups. We handle virtually all lines of property and casualty insurance, including, but not limited to, homeowners, auto liability, workers compensation, medical malpractice, general liability and reinsurance.

RATE SERVICES: Our work related to rates includes: Reviews of rate filings on behalf of state insurance departments; Rate analysis and rate filing preparation for insurance companies and alternative risk sharing mechanisms such as self-insured organizations; Expert testimony in rate hearings and other regulatory litigation.

OTHER SERVICES: In addition, we provide our clients with a wide range of expanded services, including monitoring and evaluation of financial conditions of insurers, actuarial feasibility studies, analyses of reinsurance treaties and risk transfer issues, product management, strategic planning, Annual Statement Schedule P compilation, litigation support (testimony and other), public policy development (proposed and enacted, medical malpractice, credit scoring, etc), environmental and asbestos analysis, and self insurance and risk management strategies.

QUALIFICATIONS

Bid Information...

Merlinos & Associates, Inc. 3274-B Medlock Bridge Road Norcross, GA 30092 P: 770-453-9771 FEDERAL EIN: 58-2512336

DATE OF REGISTRATION TO DO BUSINESS IN WV:

M&A does not have a registration date with West Virginia. It is our understanding that, in general, if a company does not maintain an office in a state nor does that company have employees that reside and regularly report to work in that state, the company usually does not need to be qualified to transact business in the state. If we are awarded a contract to perform these services, we will be happy to discuss this in more detail with the OIC and move forward with registering in West Virginia if that is required.

Relevant Experience - State Regulatory Agencies

The consultants at Merlinos & Associates have performed a variety of actuarial consulting services for over 30 regulatory agencies in more than half of the States. We consistently work with 10 or more state insurance departments each year. Our work has included the following:

- More than 1000 rate filing reviews for personal and commercial lines
- Over 200 financial examinations
- Reviews of catastrophe models to ensure compliance with established standards
- Providing expert testimony on behalf of state insurance departments
- Policy and legislation review and analyses
- Support for managing the runoff of companies in liquidation

These relations include contractual agreements, services provided on an as-needed basis with M&A as the primary actuarial firm, services provided through selection from an "approved list," as well as services either provided in the past on a short-term or non-continuous basis. Our extensive regulatory experience gives us a thorough understanding of the property and casualty actuarial needs of the OIC.

Relevant Experience - Rate Filing Reviews

M&A has extensive experience with the review of filings for state insurance departments. We have reviewed over 1,000 rate filings in recent years, independently documenting each in a review letter or in a condensed report. These filings have spanned virtually all lines of insurance.

QUALIFICATIONS (continued)

Relevant Experience - Rate Filing Reviews (continued)

Our reviews addressed all material aspects of the business of pricing insurance, including:

- Complex rating structures based on GLM
 - Policyholder dislocation
- Territorial rating
- Class plans
- Credit score for rating
- Experience & schedule
- rating plans
- Public policy issues

 Public policy issues
- Policyholder dividends
- Trend (exposure and loss)
- Catastrophe loads
- Profit & contingency loads
- Expenses
- Reinsurance

M&A reviews a wide spectrum of filings which allows us to bring additional perspective and expertise to our review of West Virginia filings. Two key examples:

MULTIPLE LINES OF BUSINESS:

We review every rate filing that is received by the Mississippi Department of Insurance, giving us exposure to every line of business that is written in that state.

TRAINING:

We have presented training sessions for rating analysts at two state departments of insurance in order to help them to review more filings on their own.

West Virginia Experience

M&A has prior experience providing actuarial consulting to the State of West Virginia. We have reviewed several rate filing reviews for the OIC over the past 10 years, including a project involving three homeowner's filings that began in early 2011. We have also worked with the OIC and the Governor's office to ensure the creation of a new medical malpractice program as well as developing rates and the rating plan for that program.

Other Relevant Experience

Actuarial Leaders -- M&A's consultants are recognized as leaders in the actuarial industry. Our consultants have been featured speakers at various ratemaking and reserving seminars as well as speaking about loss and loss expense reserving to accounting and statistical groups. Our consultants have also developed methods for analyzing catastrophe exposure in prone areas using industry data and computer models and they have spoken to industry groups on the use of computer simulation in ratemaking.

QUALIFICATIONS (continued)

Other Relevant Experience (continued)

Professionalism -- Maintaining high levels of professionalism and producing quality work are of the utmost importance to M&A. All of our consultants are members in good standing with the Casualty Actuarial Society and/or the American Academy of Actuaries. And, our history of uninterrupted growth, mainly through referrals, speaks to the quality of the work we provide to our clients and the quality of the people in our firm.

Timeliness -- M&A values the relationships we have with all of our clients. Our history of growth speaks to the commitment we have made to working with our clients to consistently meet all project goals including time tables and satisfying all necessary statutory requirements related to the work we perform.

- Our staff of 36 actuarial professionals has the capacity to handle high-volumes of work in a timely manner.
- In November 2009, we were approached by a state insurance department to assist them
 with the review of 37 medical malpractice rate filings. In September 2010, another state
 insurance department asked us to review 37 private passenger auto filings submitted in
 response to an increase in financial responsibility limits. We were able to manage the work
 volume in both cases by arranging internal resources to handle more work than was
 ultimately needed.
- M&A has a highly integrated information-sharing network that enhances our timeliness &
 efficiency. We have in-house expertise in databases, which provides the ability to analyze
 large amounts of data quickly and accurately in many different formats.

WORK PLAN

Methodology

M&A will provide a complete and thorough actuarial review of all assigned rate filings to determine compliance with West Virginia regulations and accepted actuarial principles, and to determine whether the proposed rates are excessive, inadequate, or unfairly discriminatory. Our review methodology includes:

Filing Review: We will review the filings promptly, yet thoroughly, in order to identify any aspects of the filing for which we have questions. Our review will consider both the statewide rate level impact and individual policyholder dislocation created by rating structure changes as applicable. When evaluating the proposed statewide rate level impact, we typically review items such as the experience considered, loss and premium trend, loss development, catastrophe provisions, and expense and profit provisions. Our review of rating structure changes typically includes evaluating support for new rating variables and proposed rating relativities and reviewing the resulting policyholder dislocation.

We will then discuss with the OIC any questions regarding our correspondence. We will continue to communicate, in a timely fashion, with the OIC until all outstanding issues are resolved and our recommendations can be made.

Alternative Rate Indications: M&A will provide alternative rate indications based upon different assumptions, projections, and scenarios as warranted. Every M&A consultant is skilled in spreadsheet work and actuarial methodologies. Therefore, we are able to recreate virtually any exhibit as long as it is sufficiently documented and source information is explained. From this base, we can create alternative indications using various alternative assumptions that we may feel are more reasonable for the specific situation.

Report: Once we have addressed, to our level of comfort, all the issues relevant to a given filing, we will issue a draft report to the OIC for review. This provides the OIC an opportunity to raise any remaining questions regarding any of our conclusions and/or recommendations. Once all issues are addressed to the OIC's satisfaction, a final report will be issued.

Special Projects: In addition to performing rate filing reviews, we routinely perform special projects for state departments of insurance. Recent examples include:

- deductible and wind exclusion credits for a Gulf state with significant exposure. We provided recommend credits for various deductible levels by rating method (i.e., package versus peril rating), for • Providing training sessions to state rate filing various types of commercial and residential property forms.
- Performing industry analysis of wind
 Establishing filing requirements for using credit score for personal lines rating.
 - hurricane Providing wording for a state bulletin regarding the use of credit for rating residential property insurance.
 - analysts to help them to review statewide rate level indications and GLM-based rating structures.

WORK PLAN (continued)

Quality Control

Peer Review Process -- Quality control is of the highest importance to M&A, and all of our employees are held responsible for the quality of the firm's work. To help ensure the highest quality deliverables for all our clients, we have both formal and informal peer review processes.

Our **formal** peer review process occurs after a draft report has been written and is ready to send to the Department for comments. Before it is sent, another credentialed actuary will review the draft report, along with supporting work papers.

Our *informal* peer review occurs throughout the process. Our actuaries continually discuss their projects amongst themselves and discuss any issues that are atypical. This allows for early detection of problems and promotes the efficient handling of any obstacles encountered.

Through this process, all consultants at M&A have ready-access to hundreds of years of combined experience.

Our peer review process is formalized with reports and other work products, but the underlying philosophy extends to assistance with expert testimony and hearings. Due to its nature, testimony peer review leans more towards strategic planning assistance and is less reliant on a technical review.

PROJECT TEAM AND ANTICIPATED BUDGET

Project Team

M&A's philosophy is that servicing our clients with insightful and timely work takes precedence over any internal territorial considerations that may exist in other firms. We approach engagements by allocating resources that are most appropriate for the engagement.

PROJECT MANAGEMENT

Sue Buehler, FCAS, MAAA

If awarded this contract to work with the OIC, Ms. Buehler would provide the day-to-day management of the engagement.

Ms. Buehler has considerable experience providing rate filing reviews and other services for state regulatory agencies during her 13 years of actuarial work. Her consulting experience also includes providing expert testimony and performing rate and reserve analyses for various insurance entities. In addition to homeowners, private passenger auto, workers compensation and medical malpractice, her work has touched on almost all insurance lines of business.

FIRM LEADERSHIP

David Shepherd, FCAS, MAAA

Mr. Shepherd is a Principal at M&A with extensive experience as a leader within the firm regarding regulatory consulting. He has 25 years of insurance industry experience. His consulting work consists of rate and reserve work for state insurance departments, reinsurers, insurers, law firms, agencies and self-insured entities and groups. His work has addresses almost all lines of insurance business.

Ms. Buehler and Mr. Shepherd will be supported by the appropriate members of M&A's staff of Actuaries and Analysts **based on expertise and work load**. The support personnel most likely to be utilized will be chosen from the list below.

CONSULTANTS & ANALYSTS*

Michael Solomon
FCAS, MAAA

M.A. B.A. in Land Economy, University of Cambridge
4 years of actuarial experience

M.A. in Mathematics, University of Pittsburgh
ACAS, MAAA

M.A. in Mathematics, University of Pittsburgh
13 years of actuarial experience

M.B.A. in Organizational Development, Upper Iowa University
20 years of insurance industry experience

M.S in Statistics, University of North Florida
2 years of actuarial experience and 6 actuarial exams towards
FCAS designation

- * Full biographies for the project team are included in Appendix A *
- * Biographies for other staff members are available upon request *

PROJECT TEAM AND ANTICIPATED BUDGET (continued)

Anticipated Budget

M&A charges professional fees based on the time spent to complete a project and hourly rates. We understand that for this project (RFQ INS11014) the amount of the bid submitted should be a fixed hourly rate and that this rate should be the same regardless of which staff member performs the services.

Based on this understanding, we propose an hourly rate of:

\$210 per hour

Out-of-pocket travel expenses, if any, shall be billed in accordance with the State of West-Virginia's Travel Rules as prescribed by the Travel Management Unit, Purchasing Division.

REFERENCES

Mr. Charles Angell, Acting Deputy Commissioner	201 Monroe Street, Suite 1700
Alabama Department of Insurance	Montgomery, AL 36104
334-240-4422	charles.angell@insurance.alabama.gov
Ms. Myra Frick, Consumer Services Manager	201 Monroe Street, Suite 1700
Alabama Department of Insurance	Montgomery, AL 36104
334-241-4179	mfrick@insurance.state.al.us

M&A's consultants have assisted the Alabama Department of Insurance with rate filings and financial examinations since 1988. We have reviewed several hundred rate filings and assisted on over 90 examinations, including several examinations of workers compensation carriers. We currently perform annual reviews of NCCI voluntary loss costs and assigned risk rate filings and have performed work analyzing the workers compensation residual market fund.

Ms. Carla Griffin, Program Manager II
South Carolina Department of Insurance
803-737-6781

1201 Main Street, Suite 1000 Columbia, SC 29201 cgriffin@doi.sc.gov

M&A has assisted the South Carolina Department of Insurance in the review of many rate filings, including regular reviews of NCCI voluntary loss costs and assigned risk rate filings. We have reviewed all loss cost multiplier filings filed in the state since 2008.

Ms. P. Randi Johnson,

Associate Commissioner, Property and Casualty Maryland Insurance Administration 410-468-2301

525 St. Paul Place Baltimore, MD 21202-2272 pjohnson@mdinsurance.state.md.us

M&A's consultants have assisted the MIA with rate filing reviews since 2005. We have performed reviews of NCCI voluntary loss cost filings and rate filings submitted by the Injured Workers Insurance Fund, the largest provider of workers compensation coverage in the state.

Mr. John Wells, Deputy Rating Director Mississippi Insurance Department 601-359-2676 1801 Walter Sillers State Office Building Jackson, Mississippi 39225-2306 john.wells@mid.state.ms.us

M&A currently reviews every rate filing submitted to the State of Mississippi. We currently perform annual reviews of NCCI voluntary loss costs and assigned risk rate filings. M&A's consultants have assisted the Mississippi Department of Insurance with their financial examinations since 1994. We have assisted on over 80 financial examinations in this state.

APPENDIX A - PERSONNEL

David M. Shepherd, FCAS, MAAA

David M. ShepherdPrincipal and Consulting Actuary

Merlinos & Associates, Inc. 3274-B Medlock Bridge Road Norcross, Georgia 30092

T: 678.684.4842 F: 770.453.9776

E: dshepherd@merlinosinc.com

merlinosinc.com

Professional Designations

- Fellow of the Casualty Actuarial Society (1994)
- Member of the American Academy of Actuaries (1991)

Education

Macalester College, B.A., Economics/Business and Mathematics

Highlight

Dave's extensive reinsurance experience includes being EVP. Chief Underwriting Officer, and Chief Actuary for a reinsurance Managing General Underwriter specializing in Workers Compensation and Accident & Health. He worked for National Reinsurance where he responsible for the reserving of the alternative risk, facultative, and environmental & asbestos units; he was a casualty facultative underwriter, cultivating business ranging from Fortune 500 accounts to small minimum premium umbrella policies.

David Shepherd has 25 years of insurance industry experience. Mr. Shepherd's consulting experience consists of rate and reserve work for state insurance departments, reinsurers, insurers, law firms, agencies and self-insured entities and groups. The lines of business handled include auto, general liability, medical malpractice, reinsurance, workers compensation, property (including homeowners) and various other smaller lines of business. He has testified in various forums in support of his rate and reserve actuarial work. His experience as a consultant includes:

- Analyses of Loss and Loss Expense Reserves
- Assisting in the formation of Start-Up entities
- Development of Rate Structures and Rates for various Lines of Business and niche programs
- Financial Examination Assistance for State Insurance Departments
- Rate Filing Reviews for State Insurance Departments
- Planning and Development of Reinsurance/Excess Insurance Programs
- Negotiations with Reinsurers on behalf of Insurance Companies and Self-Insureds
- Development of Reinsurance Pricing Models
- Risk Transfer Analyses
- Evaluation of Self-Insured Funding Levels
- Preparation of Feasibility Studies and Financial Projections for Insurance Companies and Self Insureds

Mr. Shepherd has assisted on over 125 financial examinations of P&C and HMO insurers for state insurance departments. These examinations have covered all sizes of insurance and reinsurance companies and self-insured groups, and have covered most every line of business. He also has extensive experience reviewing rate filing for state insurance departments and other interested parties.

Suejeudi (Sue) Buehler, FCAS, MAAA

Sue Buehler Consulting Actuary

Merlinos & Associates, Inc. 3274-B Medlock Bridge Road Norcross, Georgia 30092

T: 678.684.4852

F: 860.430.7534

E: sbuehler@merlinosinc.com

merlinosinc.com

Professional Designations

- Fellow of the Casualty Actuarial Society (2007)
- Member of the American Academy of Actuaries (20xx)

Education

University of Texas, Ph. D., Mathematics M.S., Statistics

St. Mary's University, B.S., Mathematics

Ms. Buehler has 12 years of casualty actuarial experience and joined M&A in the spring of 2004. Since joining M&A, she has been involved in a variety of projects including:

- Review of rate filings and expert testimony for state insurance departments.
- Rate and reserve analysis for various insurance entities related to the following lines of business:
 - Auto
 - Property
 - Medical Malpractice
 - Workers Compensation
- Perform financial examinations of property and casualty insurance companies, some of which have been performed in the TeamMate environment.
- Perform risk transfer analysis.
- Assistance with actuarial reports and statements of opinion for various insurance entities.

Prior to joining M&A, Ms. Buehler was an Actuarial Analyst for United Service Auto Association (USAA) in San Antonio, Texas for 6 years. Her work at USAA included:

- Design of competitive premium comparison software for preferred and standard auto. Her work on this board-level project with a budget exceeding one million dollars included:
 - Creating detailed business requirements and testing strategies.
 - Researching competitors' rating and underwriting practices.
- Perform numerous personal auto state rate filings for preferred and standard business.
- Perform analysis of unallocated loss adjustment expenses for personal auto and selected countrywide ULAE expense loads used in state rate reviews.

Michael Solomon, FCAS, MAAA

	Michael Solomon Consulting Actuary	Mr. Solomon has four years of actuarial experience. His primary areas of focus have been:
	Merlinos & Associates, Inc. 3274-B Medlock Bridge Road Norcross, Georgia 30092 T: 678.684.4858	 Performing Reserve Analyses, in commercial lines, for a variety of insurance companies, captives, Risk Retention Groups and self-insured companies.
	F: 770.453.9776 E: msolomon@merlinosinc.com merlinosinc.com	 Performing Rate studies, in commercial lines, for a variety of public companies, captives and Risk Retention Groups. Assistance on Financial Examinations of property and
-	Professional Designations Fellow of the Casualty Actuarial Society (2010) Member of the American Academy of Actuaries (2010) Education University of Cambridge, M.A., B.A., Land Economy	 casualty insurance companies. Reviewing Rate Filings for State Departments. Performing Territory relativity studies, both within states and between states. Performing Class relativity studies. Assisting in the preparation of expert witness testimony. Ratemaking for personal lines of business, with primary focus on Personal Passenger Automobile insurance in Louisiana.

Jeremy Hoch, ACAS, MAAA

Jeremy Hoch Consulting Actuary	Mr. Hoch has 14 years of casualty actuarial experience. His experience includes the following:
Merlinos & Associates, Inc. 3274-B Medlock Bridge Road Norcross, Georgia 30092 T: 678.684.4875 F: 770.453.9776	 Personal Lines Pricing and Countrywide Studies Personal and Commercial Lines Loss and Loss Adjustment Expense Reserving Standard/Preferred Auto, Non-Standard Auto, and
E: jhoch@merlinosinc.com	 Homeowners books of Personal Lines business Workers Comp, Commercial Auto, GL, Commercial Property, and other Commercial Lines coverages
Professional Designations Associate of the Casualty Actuarial Society (2002) Member of the American Academy of Actuaries (2004) Education University of Pittsburgh, M.A., B.A., Mathematics	 Numerous Personal Lines Auto and Homeowners rate reviews and implementations Development of Product Management reports and tools Annual Statement of Opinion preparation Assistance with Schedule P preparation and statutory reporting All aspects of loss reserve database management, including the construction and validation of new databases Booking Insurer Financial Results in SAP Financial projections and capital adequacy monitoring for a Captive Insurer

Karen Jordan

Karen Jordan Actuarial Analyst	Ms. Jordan has two years of actuarial experience in property and casualty insurance. Her experience includes the following:
Merlinos & Associates, Inc. 3274-B Medlock Bridge Road Norcross, Georgia 30092 T: 678.684.4877	 Reserve Analyses according to GAAP and statutory guidelines Claim Development and IBNR analysis and allocations
 F: 770.453.9776	generated using SAS, Excel and Access
E: kjordan@merlinosinc.com	Process and analyze state projections on quarterly basis
 merlinosinc.com	 Conduct rate reviews and ad hoc analyses Reporting, analyzing, and data management of
Professional Designations Exams 1, 2, 3, 4, 5, and 7 of the Casualty Actuarial Society	 commercial lines run-off book of business Data processing through SAS and VBA coding Analyses of data quality and reconciliations to Income Statements, Balance Sheets and Annual Reports Generating reconciliations for Department of Insurance
Education University of North Florida, M.S., Statistics University of Southern Mississippi, B.S., Mathematics	exams

Gwen Portis

Gwen PortisActuarial Analyst

Merlinos & Associates, Inc. 3274-B Medlock Bridge Road Norcross, Georgia 30092

T: 678.684.4867 F: 770.453.9776

E: gportis@merlinosinc.com

merlinosinc.com

Professional Designations

 Exam 54 Segment A toward an Associate in Risk Management designation

Education

Upper Iowa University, M.B.A., Organizational Development B.S., Business Management Ms. Portis has over 20 years of experience in the insurance industry with a strong background in systems/process development and data analysis for financial and statistical reporting.

She has provided actuarial support for various types of primary insurance companies within the industry, including Property Casualty, HMO, PPO, Life, and Pension. Over the last 10 years she has worked in the insurance consulting environment. Her experience includes providing actuarial support in the following area:

- Loss and Loss Expense Reserve Analysis
- Develop Actuarial Reports and Statements of Opinion for Insurance Companies and Self-Insured Funds
- Rate Adequacy Studies
- Rate Filing Preparation for Personal and Commercial Lines Insurers and Rating Bureau, including Competitive Rate Analyses
- Evaluation of Self-Insured Funding Levels
- Collection and analysis of property/casualty data.
- Assist clients with developing specifications to comply with NCCI and ISO reporting requirements
- State insurance department triennial and target financial and market conduct examinations for various state insurance departments.