PolySystems Comprehensive Solution for Experience Studies

PolySystems Measure software performs automated, production-quality experience studies on a standalone basis or integrated with other PolySystems modules in a fast, controlled processing environment. Measure is used by clients to monitor business performance, set and refine critical assumptions, manage in-force profitability, price new business, comply with existing and new regulatory requirements, and track experience by agent or marketing group.

PolySystems Measure Consulting Services

- Study design and review
- Implementation assistance – building initial history and claim registers
- Assumption set management and governance
- Process outsourcing

Processing Highlights

Measure modules are available for all lines of business and offer:

- Quick implementation when added to existing PolySystems valuation and projection models
- Exposure calculations based on policy or count, face amount, net amount at risk, annual premium, and fund value
- Flexible reporting on decrements and policyholder behavior, including mortality (including improvement and deterioration), lapse, surrender, partial withdrawals, premium persistency, annuitization, loan utilization, morbidity, incidence and termination, and fund transfers
- Reports that can be gross or net of reinsurance
- Batch processing for automation and archival options for model optimization

Flexible Output

PolySystems Measure software generates several types of output reports, with customizable formats and analytical details including:

- Actual-to-expected ratios, standard deviations, confidence intervals, and actual and expected decrement rates (e.g., per 1,000qx)
- Summary or coverage level reporting, including comprehensive audit reports
- User-defined keys and partitions, allowing for deeper analysis of groups or policies of interest
- Seriatim output that can be used for custom analysis
- Control reports to monitor all policyholders quickly and easily
- Reports that satisfy the NAIC's mandatory experience reporting requirements when coupled with PolySystems VM-51 Utility

Ready for PBR and LDTI

Measure has a proven history as a turn-key solution for production-grade experience studies. It is well positioned for companies looking to improve their experience study processes in advance of the increased internal and external scrutiny of company assumptions that PBR and LDTI will bring. Credibility statistics are easily generated from the Measure output within PolySystems.

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