

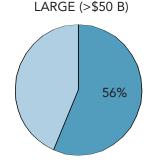
Article from:

The Actuary Magazine

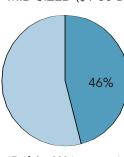
December 2006



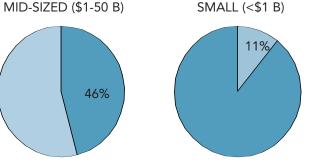
SURVEY PARTICIPANTS - PERCENTAGE OF TOTAL ASSETS BY SIZE



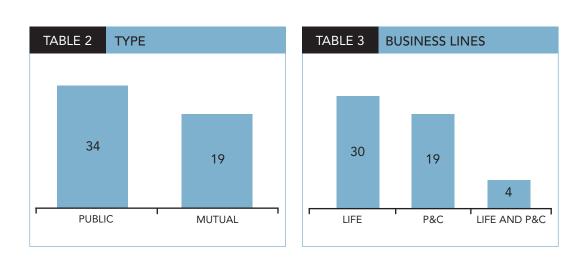
12 of 25 insurers>\$50 B AUM 5 of the top 10 insurers



17 of the 200 insurers with \$1-50 B AUM



24 of the > 1,000 insurers with <\$1 B AUM



INTEGRATED INVESTMENT MANAGEMENT



A. LIABILITY MODELING



B. ASSET MATURITY PROFILING



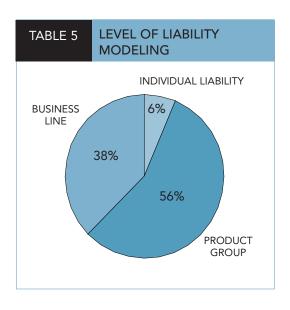
E. BENCHMARK CREATION

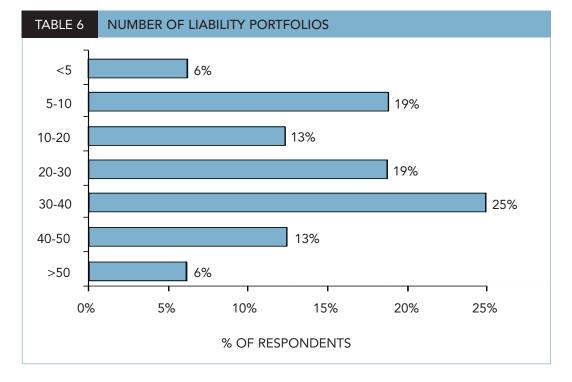


C. LIQUIDITY MODELING



D. ASSET ALLOCATION





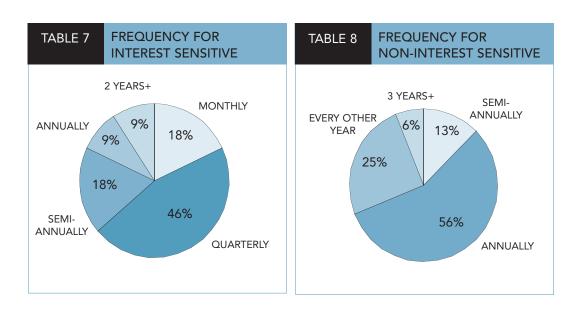


TABLE 9

INVESTMENT BENCHMARKING SPECTRUM

NO MARKET **MEASURE**

STANDARD MARKET INDEX COMPARISON

CUSTOM BLEND OF INDICES REPRESENTING PORTFOLIO

ALLOCATION

DURATION MATCHED BLEND FOR EACH BUSINESS LINE

INDEX BLENDS CASH FLOW MATCHED TO **EACH LIABILITY**

NO Formal Program

Asset-Driven Performance Measure Backward looking management reporting

Liability-Driven Guidepost

Forward looking asset management tool

