



SOCIETY OF ACTUARIES

Article from:

# The Actuary Magazine

April / May 2015 – Volume 12, Issue 2

## GOOD RESEARCH READS

### COMPLETED EXPERIENCE STUDIES

#### LONG-TERM CARE AGGREGATED DATABASES RELEASED

The SOA has released aggregated long-term-care (LTC) intercompany experience study databases for 2000-2011. The aggregated databases include rates for claim incidence, claim termination and claim utilization. The report serves as a user guide for the databases, describing the development of each aggregated database and providing definitions of the data elements. The information is designed to help actuaries interpret experience data and develop model assumptions for LTC products.

#### TWO NEW RESOURCES AVAILABLE ON GROUP LIFE INSURANCE EXPERIENCE

The SOA's Group Life Insurance Experience Committee released two supplements to the 2013 Group Term Life Experience Study. The committee developed an experience report on group life waiver incidence rates, focusing on individually-billed results. The committee also released a supplement on mortality change from the 2006 and 2013 studies.

#### VBT RECOMMENDATION RELEASED ON MORTALITY IMPROVEMENT RATES

The SOA released a recommendation from the Preferred Mortality Project Oversight Group's Valuation Basic Table (VBT) Team for a set of improvement factors that vary by gender and attained age to be used in conjunction with the 2008 VBT for AG-38 purposes for year-end 2014. Excel files are available on the smoothed rates and the

mortality improvement rates smoothed and rounded.

#### INDIVIDUAL ANNUITIES AGGREGATED DATABASES RELEASED

The SOA has made available aggregated databases on individual annuities to accompany the 2014 experience report on individual payout annuities. The 2005-08 database includes analysis with respect to the 2012 IAM Table beyond that presented in the report.

To view a complete listing, visit [SOA.org/Research](http://SOA.org/Research) and click on Completed Experience Studies.

### COMPLETED RESEARCH STUDIES

#### DOWNLOAD COLLECTION OF PREDICTIVE ANALYTICS ARTICLES

Actuaries have actively been advancing the use of predictive analytics methods in their work. Learn more about how actuarial predictive modeling methods are influencing business decisions, through a new SOA article collection. The articles cover predictive modeling applications for managing health care costs and utilization, quantifying mortality risk, and enhancing traditional insurance risk segmentation and underwriting practices.

#### REPORT EXAMINES PENSION RISK TRANSFER

The SOA released a new report on pension risk transfer from the employer's perspective. The report examines de-risking measures, barriers, alternatives and triggers that impact pension risk transfer strategies. The report also provides a forward-looking perspective on pension risk transfer.



#### MONOGRAPH FOCUSES ON IMPACT OF LONG-TERM CARE ON RETIREMENT SECURITY

The SOA released a collection of papers on managing the impact of long-term care (LTC) needs and expenses on retirement security. The papers in the monograph examine topics including caregiving, family support, health, societal considerations, LTC insurance, international perspectives and ideas for the future.

#### NEW REPORT RELEASED ON FINANCIAL ADVICE

The SOA's Committee on Post Retirement Needs and Risks issued a new report on the considerations of available approaches to providing financial advice, as part of employer-sponsored employee benefits. The report provides a comprehensive overview of the professional financial advice industry and explores issues for plan sponsors.

#### PAPERS WANTED FOR 2017 LIVING TO 100 SYMPOSIUM

The SOA has released the first call for papers for potential presenters to get an early start on paper development for the sixth triennial Living to 100 Symposium, an international gathering on longevity. The SOA seeks papers that define and develop new methodologies, theories and practices on longevity and its consequences.

Submission details and other pertinent information will be announced in spring 2015. The symposium will take place in January 2017 in Florida.

### RESOURCES AVAILABLE FOR PENSION MORTALITY TABLES


The SOA's Retirement Plans Experience Committee (RPEC) has released new resources related to the RP-2014 Mortality Tables and Mortality Improvement Scale MP-2014 reports. RPEC has provided "headcount" weighted mortality rates for use by actuaries. These tables have been developed using the same

underlying datasets and method used to construct the RP-2014 tables, but with mortality rates weighted by headcount rather than by amount. The RPEC-2014 model, a new Excel-based tool, is available for actuaries to construct two-dimensional mortality improvement scales based on assumption sets other than that used by RPEC.

### SOA AND LIMRA PUBLISH VARIABLE ANNUITIES STUDY

The SOA and LIMRA announce a new study of variable annuity guaranteed benefit options. The analysis is based on 2012 experience

and looks at how policyholders use these guaranteed options and exhibit other behaviors involving step-ups, cash flow and persistency. The study examined more than 4.6 million contracts with a guaranteed lifetime withdrawal benefit, guaranteed minimum withdrawal benefit, guaranteed minimum accumulation benefit, or guaranteed minimum income benefit option.

To view a complete listing, visit [SOA.org/Research](http://SOA.org/Research) and click on Completed Research Studies. 

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