SOA LIFE RESEARCH IN PROGRESS - August 2017

Project Name	Objective	Expected Completion Date
Older Age General & Underwriting Sources Survey	Investigate how underwriting practices differ for the older age insurance market, underwriting guidelines, requirements and practices utilized in the assessment of older age applicants.	Complete. On SOA web site. [1]
Predictive Analytics & Accelerated Underwriting Survey	Obtain feedback on several current hot topics in the industry, namely predictive analytics, accelerated underwriting and enhanced underwriting.	Complete. On SOA web site. [2]
Economic Scenario Generator	Update the AAA Economic Scenario Generator Annually.	Complete. On SOA web site. [3]
2000-2015 SSA-Style Mortality Rates	Publish crude SSA-Style historical mortality rates for 2000-2015.	Complete. On SOA web site. [4]
Early Duration Claims Survey	Examine life insurance claims in early policy durations.	7/31/2017
Guaranteed Issue/Simplified Issue Mortality Study	Develop tables or other protocol for the valuation of Guaranteed Issue, Simplified Issue and Preneed policies under PBR.	7/31/2017
Improving the New Business Process Survey	Examine the various changes insurance companies have recently made, or are considering making, to improve the new business process and to determine which changes were considered by the respondents to have had the most impact.	7/31/2017
GRET for 2018	Develop the Generally Recognized Expense Table (GRET) for 2018 purposes.	8/15/2017
Accelerated Underwriting	Determine the definition of accelerated underwriting business and design the data request for an accelerated underwriting study.	8/31/2017
Life Insurance Mortality Improvement Analysis	Analyze trends in mortality improvement from a large database of 2003-2013 ILEC data.	8/31/2017
SOA/LIMRA 2009-13 Life Premium Persistency & Policyholder Behavior Study	Develop and complete a study of premium persistency experience and policyholder behavior on flexible pay products like UL, IUL and VUL.	8/31/2017
2009-12 Individual Life Mortality Study	Complete the next in a series of experience analysis of individual ordinary life insurance mortality.	9/30/2017
Application of Predictive Analytics to latest ILEC Data	Analyze latest ILEC data using predictive analytic techniques.	9/30/2017
2015 Variable Annuity Guaranteed Living Benefit Utilization Study	Examine the utilization of guaranteed living benefit options on variable annuity policies under a Joint SOA/LIMRA project.	12/31/2017
2000-2014 Post Level Term Mortality and Lapse	Complete a study of mortality and lapse on term policies in the post level premium period.	12/31/2018
VM 20 Updates for GI, SI, and Accelerated Underwriting Business	Determine recommended updates to VM-20 for GI, SI and Accelerated Underwriting products.	12/31/2018

[1] https://www.soa.org/resources/experience-studies/2017/older-age-underwriting/

[2] https://www.soa.org/experience-studies/2017/predictive-analytics-underwriting/

[3] https://www.soa.org/research/tables-calcs-tools/

[4] https://www.soa.org/research/topics/research-emerging-topics/#population

Project Name	Objective	Expected Completion Date
Actuarial Modeling Controls Update	Survey companies to refresh the 2012 Actuarial Modeling Controls in the Context of a Model-Based Framework.	Complete. On SOA web site. [1]
Human Mortality Database	Expand new work in the Human Mortality Database.	Complete. On SOA web site. [2]
Modern Deterministic Scenarios	Examine the current economic landscape and other drivers of adverse conditions to develop one or more scenario sets appropriate for asset adequacy testing that reflect the current life insurance industry environment.	7/30/2017
Actuarial Review of Insurer Impairments/Insolvencies and Future Preventions	Look at ways that the actuarial profession can be equipped to prevent or mitigate future insolvency situations.	7/31/2017
Impact of VM-20 on Life Insurance Product Development	Examines the impact of VM-20 on life insurance product development actuaries.	7/31/2017
Understanding VM-20 Results	Identify, examine and discuss factors that may influence principal based reserve (PBR).	8/31/2017
2017 Living to 100 Symposium	Publish the monograph, the long-lasting research record, of the papers and presentations given at the 2017 January Living to 100 Symposium.	9/30/2017
Comparison of Captive Regulatory Regimes	Examines jurisdictions that allow captives and compare/contrast their regulatory frameworks.	9/30/2017
Mortality Analysis of 1900 Birth Cohort	Analysis of US 1900 birth cohort mortality.	9/30/2017
Letting Insurance Asset Data Speak for Themselves-Asia Pacific	Describe and quantify recent changes in asset allocations of life insurers across seven of the largest and fastest growing markets in Asia and to understand the underlying drivers of the observed trends, with respect to the sophistication of regulatory regime and ALM practices, to support an understanding of how insurers might be setting their strategic asset allocations (SAA).	10/30/2017
Genetic Testing, Family History and Mortality	Examines the impact of genetic testing on the life insurance industry.	12/31/2017
Simplified Methodologies	Investigates simplifications, approximations, and modeling efficiency techniques allowed under VM-20 for determining reserves.	12/31/2017

[1] https://www.soa.org/research-reports/2017/2017-01-actuarial-model-governance/

[2] https://www.soa.org/resources/research-reports/2017/2017-hmd-cause-of-death/