

SOA LIFE RESEARCH IN PROGRESS - August 2018

Project Name	Objective	Completion Date
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.	Complete. On SOA web site. ¹
2015 Valuation Basic Table (VBT) - Aggregate Tables	Create gender/tobacco based aggregate life insurance basic mortality tables to be used for valuation purposes under Principles Based Reserving (PBR).	Complete. On SOA web site. ²
Application of Predictive Analytics to latest ILEC Data	Analyze latest ILEC data using predictive analytic techniques.	Complete. On SOA web site. ³
Economic Scenario Generator - 2018 update	Update the AAA Economic Scenario Generator Annually.	Complete. On SOA web site. ⁴
SOA/LIMRA Life Policy Holder Behavior and Premium Persistency Study	Examine the behavior of policyholders of life insurance policies under a joint SOA/LIMRA project.	7/31/2018
Accelerated Underwriting	Determine the definition of accelerated underwriting business and design the data request for an accelerated underwriting study.	8/31/2018
Delphi Study Report	Finalize report of the Accelerated Underwriting Delphi Study.	8/31/2018
GRET for 2019	Develop the Generally Recognized Expense Table (GRET) for 2019 purposes.	8/31/2018
Fixed Index Annuity Lapse and Guaranteed Living Benefit Utilization Study	Examine lapse and the utilization of guaranteed living benefit options on fixed index annuity policies under a Joint SOA/LIMRA project.	9/30/2018
Group Life Waiver Premium Study	Complete a study of waiver of premium on group life business.	9/30/2018
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/research-reports/2018/variable-annuity-guaranteed-utilization/>

² <https://www.soa.org/experience-studies/2015/2015-valuation-basic-tables/>

³ <https://www.soa.org/resources/research-reports/2018/beyond-actual-table/>

⁴ <https://www.soa.org/tables-calcs-tools/research-scenario/>

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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.	Complete. On SOA web site. ¹
Are Tontine Annuities Feasible in the 21st Century?	Examines potential payout rates on retirement income tontines and how they would compare to life annuity payouts.	Complete. On SOA web site. ²
Letting Insurance Asset Data Speak for Themselves-Asia Pacific	Describes and quantifies asset allocations of life insurers across markets in Asia to understand the underlying drivers of observed trends and factors impacting how insurers set strategic asset allocations (SAA).	Complete. On SOA web site. ³
Survey of Waiver Premium Study	Perform survey of what companies are assuming for waiver of premium/monthly deduction rider pricing.	Complete. On SOA web site. ⁴
Human Mortality Database - 2017 Projects	Additional work in the Human Mortality Database, focusing on state level mortality tables, and expanding mortality tables specific to causes of death for more countries.	7/15/2018
Genetic Testing, Family History and Mortality	Examines the impact of genetic testing on the life insurance industry.	8/31/2018
Mortality Analysis of 1900 Birth Cohort	Analyzes US 1900 birth cohort mortality.	8/31/2018
Illustrating Multiple Measurement Bases and Their Application Phase II (Earnings Emergence)	Perform analysis of financial statement results for two products: a 10-year level term life insurance policy and a universal life with secondary guarantee ("ULSG") policy.	9/30/2018
Simplified Methodologies	Investigates simplifications, approximations, and modeling efficiency techniques allowed under VM-20 for determining reserves.	9/30/2018
Practical Analysis of PBR Mortality Credibility	Examines the impact of VM-20 mortality credibility requirements on life insurers and of the potential solutions for increasing credibility levels.	10/31/2018
Negative Interest Rates	Examines the potential impact of a sustained negative interest rate environment on the insurance industry.	11/30/2018
2017 Living to 100 Symposium - Phase 3 - Summary of Content	Update current Living to 100 content summary report with content from the 2017 100 Symposium.	12/31/2018
Life Insurance Accelerated Underwriting Survey	Examines life insurance accelerated underwriting programs and practices.	12/31/2018

¹ <https://www.soa.org/resources/research-reports/2018/actuarial-review-insurer-insolvencies/>
² <https://www.soa.org/research-reports/2018/annuities-vs-tontines/>
³ <https://www.soa.org/research-reports/2018/2018-asia-insurance-asset/>
⁴ <https://www.soa.org/research-reports/2018/survey-waiver-premium-monthly-deduction-rider/>