

SOA LIFE RESEARCH IN PROGRESS - December 2017

Project Name	Objective	Expected Completion Date
2009-13 Individual Payout Annuity Mortality Study	Examine the mortality experience from 2009-13 under individual payout annuity contracts.	Complete. On SOA web site. ¹
2009-13 Structured Settlement Mortality Study	Examine the mortality experience from 2009-13 in structured settlements arising from personal injury claims.	Complete. On SOA web site. ²
2011-14 Group Annuities	Complete a study of mortality experience under group annuity contracts provided by life insurance companies.	Complete. On SOA web site. ³
2014 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. ⁴
Underwriting Criteria Scoring Tool (UCT) aka Relative Risk Tool	Create an online tool to assist in the selection of the appropriate relative risk valuation table for PBR valuation.	Complete. On SOA web site. ⁵
2009-12 Individual Life Mortality Study	Complete the next in a series of experience analysis of individual ordinary life insurance mortality.	Complete. On SOA web site. ⁶
2015 Valuation Basic Table (VBT) - Report	Complete the report documenting the 2015 VBT mortality tables.	12/31/2017
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
Application of Predictive Analytics to latest ILEC Data	Analyze the latest ILEC data using predictive analytic techniques.	12/31/2017
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.	3/31/2018
SOA/LIMRA Life Policy Holder Behavior Study & Premium Persistency	Examine the behavior of policyholders of life insurance policies under a joint SOA/LIMRA project.	3/31/2018
2011-15 Deferred Annuity Mortality Study	Examine the mortality experience from 2011-15 in deferred annuity contracts.	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/Research/Experience-Study/Ind-Annuities/2009-13-individual-payout-annuity.aspx>

² <https://www.soa.org/Research/Experience-Study/Ind-Annuities/2009-13-structured-settlement.aspx>

³ <https://www.soa.org/experience-studies/2016/2011-14-group-annuity-exp/>

⁴ <https://www.soa.org/experience-studies/2016/variable-annuity-utilization/>

⁵ <https://www.soa.org/resources/tables-calcs-tools/relativerisktool/>

⁶ <https://www.soa.org/experience-studies/2017/2009-13-indiv-life-ins-mort-exp/>

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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.	11/30/2017
Genetic Testing, Family History and Mortality	Examines the impact of genetic testing on the life insurance industry.	12/31/2017
Mortality Analysis of 1900 Birth Cohort	Analyzes US 1900 birth cohort mortality.	12/31/2017
Simplified Methodologies	Investigates simplifications, approximations, and modeling efficiency techniques allowed under VM-20 for determining reserves.	12/31/2017
Are Tontine Annuities Feasible in the 21st Century?	Examines potential payout rates on retirement income tontines around the world and to see how they would compare to life annuity payouts.	1/30/2018
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).	2/28/2018
Human Mortality Database - 2017 Projects	Additional work in the Human Mortality Database. State based table to tag on from previous project LP132. Expand mortality tables specific to causes of death for more countries.	6/30/2018
Negative Interest Rates	Examines the potential impact of a sustained negative interest rate environment on the insurance industry.	10/1/2018