

**SOA HEALTH RESEARCH IN PROGRESS - December 2016**

<b>Project Name</b>	<b>Objective</b>	<b>Expected Completion Date</b>
2001-2010 Cancer study	Develop valuation tables for first occurrence and hospitalization benefits from cancer policies, utilizing experience data from 2001-2010.	11/30/2016
2004-12 Group LTD Claim Termination Study	Update the study of termination experience under group long-term disability claims.	12/31/2016 - Data 9/30/2017 - Report
2000-2011 LTC Lapse and Mortality Valuation Assumptions	Develop a replacement mortality LTC valuation table and a proposal to replace the current LTC voluntary lapse parameters.	7/31/2017
2004-12 Disability Credibility	Study credibility applications on Group LTD insurance.	12/31/2017
2004-12 Group LTD Incidence Study	Study the incidence of claims under group long-term disability benefits.	TBD
2006-15 Individual Disability Income	Update the study of policy terminations for individual disability.	TBD
Long Term Care	Study of Long Term Care policy termination and/or incidence, claim termination. (TBD)	TBD

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2016 Getzen Model Update	Provides an annual update to the Healthcare Cost Trends Model.	<sup>1</sup> Complete. On SOA web site.
Massachusetts Connector Project	Examine the Massachusetts health market and lessons learned from it.	<sup>2</sup> Complete. On SOA web site.
Potential Sources of Bias in Small Group & Individual Market Risk	Research and develop a framework for actuaries and others to understand the sources and consequences of bias in risk adjustment.	<sup>3</sup> Complete. On SOA web site.
Components & Considerations in Calculating Medicaid Margins	Examines the considerations for estimating adequate margins needed for a Medicaid MCO providing comprehensive benefits.	11/30/2016
Analysis of Individual Disability Income Tables	(1) Analyze industry Individual Disability Income (IDI) claim incidence and termination experience trends relative to the 2013 IDI Valuation base incidence and termination rates and (2) analyze industry IDI claim incidence experience with respect to specific diagnoses using the IDEC database.	12/31/2016
Provider Networks in the 2014 Exchange Market	Analyzes the dynamic of provider networks in the healthcare exchange environment.	12/31/2016
Payment Reform: Quantifying and Mitigating Insurance Risk	Focuses on insurance risk in provider payment risk and the actuary's role in quantifying this risk.	1/31/2017
Examining Predictive Modeling Based Approaches to Characterizing Healthcare Fraud	Detecting and preventing healthcare fraud methods will be identified, detailing and synthesized in this report.	6/15/2017
An Analysis of the Financial Health of Public OPEB Plans	Examines the state of financial health of public OPEB plans.	TBD

<sup>1</sup> <https://www.soa.org/Research/Research-Projects/Health/research-hlthcare-trends.aspx>

<sup>2</sup> <https://www.soa.org/Research/Research-Projects/Health/2016-ma-health-insurance.aspx>

<sup>3</sup> <https://www.soa.org/Research/Research-Projects/Health/2016-risk-scoring-primer.aspx>