

SOA HEALTH RESEARCH IN PROGRESS - December 2017

Project Name	Objective	Expected Completion Date
2001-2010 Cancer study	Develop valuation tables for first occurrence and hospitalization benefits from cancer policies, utilizing experience data from 2001-2010.	Complete. On SOA web site. ¹
2009-13 Individual Life Mortality Study	Complete the next in a series of experience analysis of individual ordinary life insurance mortality.	Complete. On SOA web site. ²
Predictive Analytic Tool for 2004-12 Group LTD Claim Termination Study	Create a predictive analytics tool utilizing Group LTD data.	Complete. On SOA web site. ³
2004-12 Group LTD Claim Termination	Update the study of termination experience under group long-term disability claims.	12/31/2017
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. Work done in conjunction with the AAA.	3/31/2018
2004-12 Disability Credibility	Study credibility applications on Group LTD insurance.	3/31/2018
2000 - 2016 Long Term Care	Develop experience basic tables for Long-Term Care claim termination, incidence and utilization.	6/30/2019
2006-15 Individual Disability Income	Update the study of incidence and policy terminations for individual disability.	6/30/2019

¹ <https://www.soa.org/experience-studies/2016/2016-proposed-cancer-claim-cost-valuation-tables/>

² <https://www.soa.org/experience-studies/2017/2009-13-indiv-life-ins-mort-exp/>

³ <https://www.soa.org/experience-studies/2017/2017-gltd-recovery-mortality-tree/>

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Commercial Claims Cost and Utilization	Review 2009 - 2015 HCCI data to identify cost and utilization trends across major service categories, demographic variables and market types.	12/31/2017
Canadian Long-Term Healthcare Trends Model	Construction of a resource model for the projection of long-term private-sector healthcare cost trends in Canada.	1/31/2018
LTC Think Tank New Financing	Develops and analyzes new long-term care financing approaches.	1/31/2018
Payment Reform: Quantifying and Mitigating Insurance Risk	Focuses on insurance risk in provider payments and the actuary's role in quantifying this risk.	1/31/2018
Provider Networks in the 2014 Exchange Market	Analyzes the dynamic of provider networks in the healthcare exchange environment.	1/31/2018
Examining Predictive Modeling Based Approaches to Characterizing	Synthesize and analyze literature on methods for detecting healthcare fraud.	2/15/2018
Large Claims in Commercial Claims Cost and Utilization	Review 2009 - 2015 HCCI data to identify cost and utilization trends across major service categories, demographic variables and market types --- Focus is on doing additional queries where claims exceed \$100,000 per individual.	2/28/2018
Analysis of Individual Disability Income Tables	Analyze industry Individual Disability Income (IDI) claim incidence and termination experience trends relative to the 2013 IDI Valuation base incidence and termination rates.	3/1/2018
An Analysis of the Financial Health of Public OPEB Plans	Examines the state of financial health of public OPEB plans.	5/1/2018
Palliative Care	Conducting an actuarial analysis project that studies the medical costs associated with terminal cancer patients. In addition to the end-of-life analysis, a comparison of the cost of various cancer treatment plans by geographic region will also be conducted.	8/30/2018
Alternative Reimbursement Approaches for High Cost Health	Develop potential reimbursement approaches for health systems for new technologies that result in high cost drugs and other services.	9/30/2018