

SOA Health and LTC Research Reports and Software



The Society of Actuaries (SOA) continually publishes new health and LTC research reports and software. All material is available at: <http://www.soa.org/research/research-health.aspx>

HEALTH RESEARCH REPORTS AND SOFTWARE

Quality Initiative Review and Analysis is a comprehensive review of programs and published sources related to the quality and efficiency of health care. It includes updated material to reflect PPACA and other environment changes.

Economic Consequences of Medical Errors estimates the direct and indirect costs of medical errors to the system itself and the overall U.S. economy.

Complex Adaptive Systems (CAS) Primer provides an introduction to CAS concepts and models including healthcare applications.

Benefit Offsets for Disability Income Products examines approaches used to determine and reflect benefit offsets for disability income product valuation and pricing.

Visions for the Future of the U.S. Health Care System presents a selection of 30 essays in an e-book format, highlighting thought leadership from key health industry professionals.

Modeling Long-Term Healthcare Cost Trends projects per-person health care cost expenditures and growth rates through 2099.

Statistical Methods for Health Actuaries – IBNR Estimates: An Introduction is the first in a series of guides on the use of statistical techniques that are geared toward the work of a practicing health actuary.

Critical Review of Stochastic Simulation Literature and Applications for Health Actuaries examines stochastic simulation research found in peer-reviewed health journals and suggests ways health actuaries can apply the modeling techniques and/or findings in their daily work.

A Comparative Analysis of Claims – Based Tools for Health Risk Assessment evaluates the predictive accuracy of commercially available claims-based risk assessment tools.

Health Plan Provider Network Risk includes a research study and Excel model that illustrate a framework for estimating the financial impact of health plan provider network risk.

Evaluating the Results of Care Management Interventions: Comparative Analysis of Different Outcomes Measures Claims is a series of papers assessing the methodologies and application of care management interventions.

Medical Large Claims Experience Study is a Group Medical Insurance Database with accompanying analysis reports.

Health Care and ERM evaluates the current state of practice of enterprise risk management for health organizations.

Evaluation of IBNR Methods for Medical Claims is an analysis of commonly used methods for calculating IBNR with an evaluation of their accuracy and guide to their applicability.

LONG-TERM CARE RESEARCH REPORTS AND SOFTWARE

Cognitive and Functional Disability Trends in Assisted Living Facility Residents examines the functional and cognitive trends among assisted living facility residents.

Long-Term Care Claim Transition Rates is a study that analyzes experience transition rates over claim stages.