



# HEALTH AND LONG-TERM CARE

## HEALTH RESEARCH REPORTS AND SOFTWARE

**Medicaid Managed Care Organizations: Considerations in Calculating Margin in Rate Setting** describes the components of margin for calculating capitation rates in a Medicaid context along with a description of practical issues that may be encountered by MCOs.

**Opioid Overdose Deaths in the United States** is an article describing the demographics and geography of the increasing number of opioid deaths in the United States.

**A Case Study of Risk Adjustment for Texas Medicaid** examines the impact on risk scores in risk adjustment models when there are timing differences for model updates of pharmacy data and risk factor mappings. The case study used the CDPS risk adjustment model.

**Accuracy of Claims-Based Risk Scoring Models** presents the results of a study comparing health risk scoring models, building on prior SOA studies.

**An Examination of Relative Risk in the ACA Individual Market** is an observational study that examines the CCIIO document on individual and small group ACA markets in 2015.

**Massachusetts Health Insurance Reform** describes and analyzes healthcare reform in Massachusetts between 2006 and the passage of the ACA in 2010.

**Risk Scoring in Health Insurance: A Primer** provides a detailed explanation of the first stage of a risk adjustment program: the risk score model, also referred to as “risk scoring.” Included in the report is a discussion of the history and considerations related to risk scoring beyond its application in the ACA context.

**Prescription Drug Use in an Individual Exchange Population** examines the pharmaceutical use by enrollees in individual ACA plans in Kansas during 2014.

**A Practical Approach to Assigning Credibility to Group Medical Insurance Pricing** focuses on credibility when used in the underwriting and pricing of group medical insurance.

**Provider Payment Arrangements, Provider Risks, and their Relationship with the Cost of Health Care** provides a thorough educational resource that can be used by health actuaries and others to explain various types of provider payment and risk arrangements.

**Indications of Pent-Up Demand** examines the use of services that are likely to be deferred or avoided due to financial constraints as a result of lack of health insurance in the context of ACA.

**Evaluating Approaches for Adoption of Medical Technologies** evaluates medical technologies from an actuarial perspective and includes a tool that allows actuaries to evaluate evidence related to the use of medical technologies provided through health plans.

**Evaluating ACO Efficiency: Risk Adjustment within Episodes** explores cost efficiency within an Accountable Care Organization.

**Actuarial Model for Wellness** explores the current wellness environment in a three phase project: a literature search, a survey of the actuarial and vendor community, and interviews with researchers in the field.

**Group Long-Term Disability Benefit Offset Study-2012** is an update to a research report on the offset of benefits for group long-term disability plans.

**Health Care Costs—From Birth to Death** provides analysis and graphical representation of the changes in health care costs as individuals age.

**Cost of the Newly Insured Under the Affordable Care Act** examines the health care cost impact to the individual market as a result of the Affordable Care Act.

**Risks and Mitigation for Health Insurance Companies** gathers feedback from health carriers on the major risks they encounter and approaches for mitigation.

**Measurement of Health Care Quality and Efficiency: Resources for Health Care Professionals** is a comprehensive review of programs and published sources related to this topic. It includes updated materials 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.

**Modeling Long-Term Health Care 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.

**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.

## LONG-TERM CARE RESEARCH REPORTS AND SOFTWARE

**Understanding the Volatility of Experience and Pricing Assumptions in Long-Term Care Insurance** aims at advancing knowledge in Long-Term Care pricing.

**Land This Plane: A Delphi Research Study of Long-Term Care Financing Solutions** explores the opinions of various Long-Term Care experts and stakeholders on a wide range of financing issues and potential solutions.

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

**Quantification of the Natural Hedge Characteristics of Combination Life or Annuity Products Linked to Long-Term Care Insurance** examines the factors that reduce risks for insurers issuing these products.

**Long Term Care Morbidity Improvement Study** examines trends in HIPAA ADL disability and cognitive impairment between 1984 and 2004 using the National Long Term Care Survey.

**Managing the Impact of Long-Term Care Needs and Expense on Retirement Security Monograph** expands thinking on how long-term care events impact retirement security and approaches to mitigating the impact of these events.