

Actuarial Data Sources

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Agenda

- ASOP 23
- Life
- Disability
- Long-Term Care
- Health Care

Wikipedia

- Is the best thing ever
- Guaranteed to get best possible information
 - Anyone in the world
 - Any facts possible
 - Any subject
- Not appropriate for Actuarial data



ASOP 23 – Data Quality

- Scope
- Overview
- Considerations
- Data supplied by others

ASOP 23 – Data Quality

- Review
- Actuarial Responsibility
- Documentation
- Communication

Life Data

- Mortality
 - Period vs. Cohort
 - Age
- Other decrements
 - Termination / Lapse
 - Conversion

Life Data Sources

- Generally Standard
 - May vary by product
- Industry Studies
- CSO Tables
 - Gender distribution
 - Age
 - Select vs. Ultimate
- SOA Table Manager

Disability Data

- Morbidity and Duration
 - ALR vs. DLR

- Contributing Factors
 - Age / Gender
 - Income / Benefit
 - Duration
 - Type of Disability
 - Recurrence

- Transition States

Disability Data Sources

- SOA Experience Studies
 - 2008 LTD Experience Report
- CIA Resources
 - 2010 Group LTD Study
 - 2011 Terminations Study
- Experience Data
 - Company Specific vs. Industry

Long Term Care Data

- Similar to Disability
- Benefit
 - Limits
 - Riders
- Medical Costs
 - Liability Horizon

Long Term Care Data Sources

- Timing issues

- SOA Resources
 - Experience Studies
 - Research Projects

- Industry Resources
 - Genworth
 - <https://www.genworth.com/corporate/about-genworth/industry-expertise/cost-of-care.html>
 - https://www.genworth.com/dam/Americas/US/PDFs/Consumer/corporate/130568_032514_CostofCare_FINAL_nonsecure.pdf
 - Prudential
 - <http://www.prudential.com/media/managed/LTCCostStudy.pdf>

Health Care Data

- General educational information
- Usually divided by type of coverage
 - Commercial (i.e., actively employed, under 65)
 - Medicare
 - Medicaid
- ACA data
- Trends
- Population
- Conditions and Diseases

Health Care Data Sources – 1st 3 Destinations

- Kaiser Family Foundation
 - www.kff.org
- What types of information
 - General educational material on many topics
 - Health care costs and premiums
 - Population statistics
 - Health care reform statistics

Health Care Data Sources – 1st 3 Destinations

- Centers for Medicare and Medicaid Services
 - www.cms.hhs.gov

- What types of information
 - General information on Medicare/Medicaid
 - Including Medicare Advantage
 - Regulations and guidance
 - Benefits
 - Research, stats, and data

Health Care Data Sources – 1st 3 Destinations

- Center for Consumer Information & Insurance Oversight
 - www.cms.gov/cciiio/index.html
- What types of information
 - Consumer information
 - Regulations and guidance
 - Benefits and market reforms
 - Research, stats, and data

Health Care Data Sources - ACA

- Healthcare.gov
 - www.healthcare.gov
 - www.healthcare.gov/health-plan-information/
- What types of information
 - Sign up for coverage!
 - Educational and regulatory information
 - Benefits
 - 2014 and 2015 premium rate information for:
 - Individual QHPs
 - Stand alone dental plans

Health Care Data Sources - ACA

- US Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation
 - aspe.hhs.gov
- What types of information
 - Affordable Care Act research
 - Poverty and Income stats

Health Care Data Sources - Trends

- Bureau of Labor Statistics – Consumer Price Index
 - <http://www.bls.gov/cpi/>
 - National and regional indices

- S&P Health Care Claims Index
 - <http://us.spindices.com/index-family/healthcare-claims/all/>
 - 3, 6, and 12 month breakdown
 - Regional and National breakdown
 - Medical vs. Prescription drugs

Health Care Data Sources - Population

- US Census Bureau
 - www.census.gov
 - www.census.gov/topics/health.html
 - www.census.gov/prod/www/statistical_abstract.html
- What types of information
 - Population coverage characteristics
 - Health care expenditures categorized

Health Care Data Sources – Conditions and Diseases

- Centers for Disease Control and Prevention
 - www.cdc.gov
 - www.cdc.gov/DataStatistics/

- What types of information
 - Educational information on:
 - Healthy living
 - Travel information
 - Emergency preparedness
 - Prevalence rates for major diseases and conditions

Health Care Data Sources – Other

- Consultants
 - www.milliman.com
- State Insurance Departments
- National Association of Insurance Commissioners
 - www.naic.org
- System for Electronic Rate and Form Filing
 - www.serff.org

Questions?



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