A World of Mortality Issues and Insights Seminar
May 23, 2012

Welcome and Introduction

Moderators
Allen M. Klein, FSA, MAAA (IAA MWG)
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IAA MORTALITY WORKING GROUP
- AN OVERVIEW

Martin Stevenson
Chair IAA MWG

The IAA

- The worldwide association of professional actuarial associations.
- Encourages the development of a global profession, acknowledged as technically competent and professionally reliable, which will ensure that the public interest is served.
- Represents the actuarial profession and promotes its role, reputation and recognition in the international domain
Terms of Reference (1)

- To monitor selected activities focusing on mortality research, and to assist in ensuring that the results of this research are available to insurance professionals and other interested persons in increasing their understanding of the drivers of mortality outcomes.
- To selectively monitor data collections efforts internationally and to facilitate continuous improvement in the quality and extent of data collection.
- To facilitate the sharing of mortality knowledge across the various regions served by the IAA.
- To ensure that the work done by the various Sections and Committees of the IAA in the area of mortality is coordinated, including when this involves cooperation with other international bodies.

Terms of Reference (2)

- To encourage the extension of the body of knowledge of the international actuarial community in respect of mortality through:
  - the global encouragement of actuarial research;
  - making research accessible to actuaries globally;
  - partnering with national organisations to assist in conducting and publishing experience studies;
  - assisting countries with less developed actuarial resources;
  - collecting and disseminating research from both actuarial and non-actuarial sources;
  - encouraging attendance and providing presentations and papers at professional seminars, colloquia, conferences etc.
  - encouraging and coordinating with other actuaries the production of presentations and papers at professional seminars, colloquia, conferences etc.
  - organising sessions related to mortality at professional seminars, colloquia, conferences; and
  - Conducting research on mortality.
Our meetings (1)

Our meetings (2)
Insights about the level of mortality rates around the world, and the trends of future rates of mortality, have never been more important. While mortality rates are declining in most countries, in other countries they are stable and in some instances are even increasing. Rates of mortality affect many aspects of society.

The following pages provide information about areas of investigation by the Working Group.

Areas of investigation

Overview
Sources of mortality data worldwide
Society of Actuaries' International Mortality Experience Study
Mortality trends and uncertainty
Pandemics
Social and demographic stratification
Mortality by cause of death
Projection techniques
Mortality of disabled people
Mortality-related financial products
Underwriting
Mortality assumptions used in pensions and annuity reserving
Health longevity
Other sources of information

Contact us

The members of the IAA Mortality Working Group are listed on the IAA web site www.actuaries.org/Mortality. Please feel free to contact any member of the Working Group with any requests for information by emailing: iaamwg@actuaries.org

We would be particularly interested in receiving advice of any papers, research or studies that you consider worthy of inclusion in our information base.

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Mortality by Cause of Death

Websites of interest

World Health Organization (WHO)
Covers data from civil registration systems from 130 countries. Covers data from civil registration systems from 130 countries, including cause-of-death analyses.

European mortality database (MDB)
WHO/Europe’s HFA DB data source and more detailed DMDB data source provide mortality data for European countries.

National Vital Statistics Reports
Regular issues cover provisional birth, death, marriage, and divorce statistics.

Office for National Statistics
Economic, social and demographic statistics relating to the United Kingdom

For further information

WHO Links to National Health-Related websites
SoA 2011 Living to 100 Monograph
Contains a number of papers of interest.

Subject author
Brian Ridsdale

Contact US
Please feel free to contact Brian Ridsdale or any other member of the Working Group with any suggestions for improvements or additions, or any request for information by emailing iaamwg@actuaries.org The members of the IAA Mortality Working Group are listed here.

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