



International Actuarial Association
Association Actuarielle Internationale



Resources for Researchers in Mortality and Longevity

Actuarial Research Conference Aug 2018

Brian Ridsdale, BSc, FFA, CEng, MBCS
Chair, IAA Mortality Working Group

Thursday August 9th 2018



Resources for International Researchers in Mortality and Longevity

The International Actuarial Association

Mortality Working Group

Exists to promote and support international actuarial research in mortality and longevity

- How can we support you?



Resources for International Researchers in Mortality and Longevity

The International Actuarial Association

Mortality Working Group

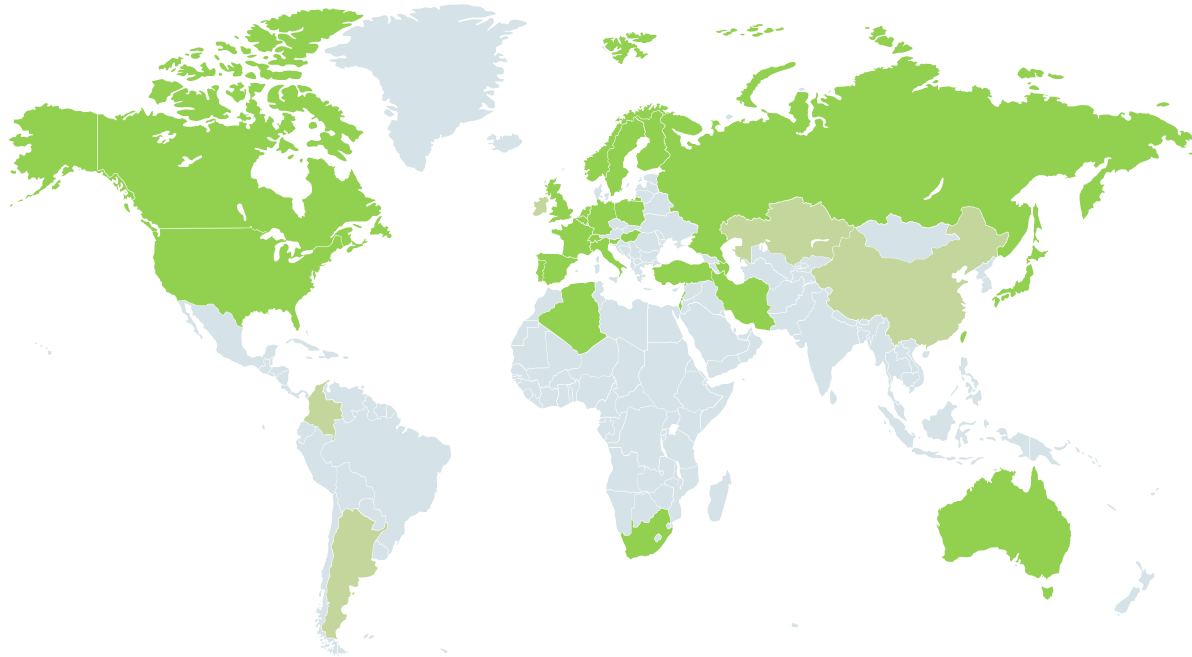
We currently produce

- Country reports
- US and UK regular Research Updates
- Other reports when appropriate
- Meeting reports
- Seminars
- Information Base



Members *and* IPs of MWG

Members 38 from 28 countries
Interested Persons 46 *Open for recruitment*
Countries represented 28 35 *including IPs*



Knowledge

Country reports
Research updates
Sharing at meetings
Conferences
Visiting speakers

Resource library

Open access on web to -
Minutes and papers
Country reports
Information Base
www.actuaries.org/mortalityinfo

MWG

Research

MWG research projects
Own research
Papers
Presentations
International: HMD,
supranationals

Dissemination

Updates in 13 languages
promoted to associations
Actuarial educators
IAA seminars with PIWG
In-country seminars
Supranational meetings

Fellowship

Joint projects
Dinners
Shared research
Worldwide contacts

Mortality Working Group

References to hundreds of relevant papers

Scientific Committee

Home

Members

Updates

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Country Reports

Terms of Reference

Half-yearly Updates with all papers presented at our meetings

Mortality Working Group

Insights about the level of mortality rates around the world, and the trends of future mortality rates, 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. Mortality rates affect many aspects of society, including:

- The costs of old age income support in Social Security systems;
- The proportion of resources absorbed by government sponsored and private health care payments;
- The financial position of defined benefit pension funds;
- The probability that assets will be sufficient for retirement needs for members of defined contribution funds;
- The solvency requirements of life insurers;
- Pricing of long term mortality related financial products;
- Work place practices relating to the employment of older workers;
- The growth of certain industries (such as aged care services) and the need for infrastructure (such as accessibility to transport).

Country reports



Updates 6-monthly

Updates

Should you wish to receive updates and/or be added to the Mortality Working Group's distribution list as an interested person, please send an email directly to the IAA Secretariat at secretariat@actuaries.org.

Report from meetings in Berlin, Germany - May 30 and 31, 2018

For those with an interest in mortality and longevity, the six-monthly report from the International Actuarial Association Mortality Working Group is available here. (English)

Pour ceux d'entre vous ayant un intérêt dans les domaines de la mortalité et de la longévité, le rapport semestriel produit par le Groupe de travail sur la mortalité de l'Association Actuarielle Internationale est disponible ici. (French)

available
soon

Toda persona interesada en temas de mortalidad y longevidad encontrará el informe semestral del Grupo de trabajo sobre Mortalidad de la Asociación Actuarial Internacional aquí. (Spanish)

Wenn Sie an Sterblichkeits- und Langlebigkeitsthemen interessiert sind, finden Sie unter dem folgenden Link den Halbjahresbericht der Arbeitsgruppe Sterblichkeit der IAA. (German)

死亡率および長寿にご関心のある方々へ


IAA死亡率ワーキンググループの半期報告はこちらをご覧ください。 (Japanese)

available
soon

若想閱讀更多死亡率和長壽風險相關研究，可在此處瀏覽或下載國際精算協會 (IAA) 死亡率研究工作組 (MWG) 半年度工作報告。 (Traditional Chinese)

如果您對死亡率以及長壽風險相關話題感興趣，請在此獲得國際精算協會死亡率研究工作組每六個月一期的工作報告。 (Simplified Chinese)

Para aqueles com interesse em mortalidade e longevidade, o relatório semestral do Grupo de Trabalho sobre Mortalidade-MWG da Associação Atuarial Internacional-IAA, encontra-se aqui. (Portuguese)

COMMITTEES 

[Mortality](#) [Members](#) [Meeting Documents](#) [Updates](#) [Events](#) [Information Base](#) [Country Reports](#)

[Terms of Reference](#)

Mortality Working Group

Information Base

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](#)
- [Cause of Death](#)
- [Mortality of Disabled People](#)
- [Financial Products](#)
- [Healthy Longevity](#)
- [International Mortality Experience Study \(Society of Actuaries\)](#)
- [Old Age Mortality, Heterogeneity and Frailty](#)
- [Pandemics](#)
- [Pensions and Annuity Reserving Assumptions](#)
- [Projection Techniques](#)
- [Social and Demographic Stratification](#)
- [Sources of Mortality Data Worldwide](#)
- [Trends and Uncertainty](#)
- [Underwriting](#)
- [Other Sources of Information](#)

[List of all papers, website and recent events of interest](#)

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



Resources for International Researchers in Mortality and Longevity

Would you like access to – or could you contribute to?

- Country reports
- US and UK regular Research Updates
- Other reports when appropriate
- Meeting reports
- Seminars
- Information Base

OR – are there other initiatives you would like to propose – and contribute to?



Mortality Working Group

If you are interested in Longevity and Mortality
do join us as an Interested Person

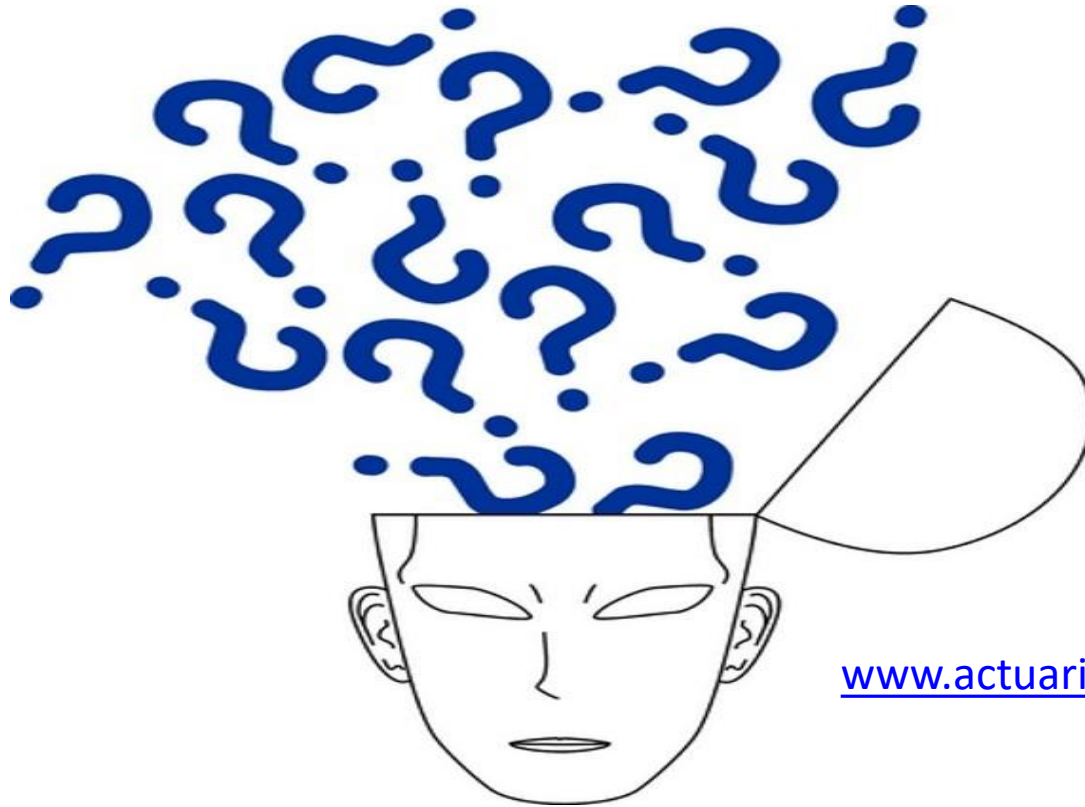
You'll get Half-yearly Updates and Event Information
Free of charge

and can be part of the discussion on how we can serve the
community better

Just email: iaamwg@actuaries.org



Your ideas and suggestions



www.actuaries.org/mortality

Thank you



Brian Ridsdale

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<https://www.actuaries.org/mortality>

About the speaker



- **Brian Ridsdale** BSc, FFA, CEng, MBCS
 - Chair, IAA Mortality Working Group
 - Member IFoA Mortality Research Steering Cttee
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- Director, Solent Credit Union
 - Past Chair, CMI
 - Past Trustee, Christian Aid
 - Past Vice President, Faculty of Actuaries UK
 - Past General Manager, Zurich Life UK



About the IAA MWG

- Started in 2008
- Working Group, not a Committee
- Membership by invitation
- Active membership required
 - Attendance and/or Participation
- Diversity is crucial
 - Geographically
 - Skills / knowledge