

International Actuarial Association (IAA) Mortality Working Group

Update #11 – Berlin, Germany May 2018

The Mortality Working Group (MWG) met in May 2018 as part of the IAA Committee Meetings held in conjunction with ICA in Berlin.

A Mortality Initiatives session was held on Wednesday 30th May showcasing some of the work done by the MWG and this session was attended by IAA observers outside of the MWG. An [overview of the MWG](#) was provided as well as an update on [UK mortality research](#) presented by Brian Ridsdale, an update on [US mortality research](#) presented by Dale Hall and a discussion on future research topics was led by Al Klein. The MWG members presenting at ICA on mortality or population issues research topics gave a preview of their presentations including:

- a) [Climate Change and Mortality](#) (Sam Gutterman)
- b) [MWG Project - E-cigarettes](#) (Sam Gutterman)
- c) [MWG Project – Older Age Mortality](#) (Sam Gutterman)
- d) [Underwriting Around the World](#) (Al Klein)
- e) [Long Term Drivers of Future Mortality](#) (Al Klein)
- f) [Actuarial Perspectives on Inequality](#) (Assia Billig)
- g) [An International Look at Recent Trends in Longevity](#) (Brian Ridsdale)

Finally, the meeting was opened to provide input on future research topics for the MWG.

The MWG committee meeting held on the 31st May was attended by 25 members with a good number of observers in total representing 26 countries. We also welcomed Kai Kaufhold as a guest speaker who presented on the uncertainty when estimating mortality rates. Networking for members and partners remains a priority for the Group, and a well-attended dinner was held on the Wednesday of the IAA meetings.

This Update summarises the discussions and provides links to the papers and presentations (hyperlinked at the bottom of this update). New members joining the committee include Carolina Castro (Argentina) and José Correia de Araujo (Portugal). In addition following the meetings in Berlin there were a number of interested parties invited to join expanding our country representation.

The following country reports and research updates were provided:

- Dmitri Vladimirovich Pomazkin [presented](#) the Russian [country report](#).
- Morteza Aalabaf-Sabaghi [presented](#) the Iranian [country report](#).
- Ibrahim Muhanna [presented](#) his work regarding mortality in East Africa to develop an East African mortality table.
- Hans Michael Øvergaard presented the Norwegian [country report](#).
- Michael Sherris [presented](#) the Australian [country report](#) and [Life Tables](#).

- Assia Billig gave [a presentation](#) on Recent Trends in Mortality Improvement Rates in Canada.
- Sam Gutterman presented the latest on the [E-cigarettes](#) MWG project

Updates were provided by the MWG support team on [workplan and budget](#) and the [Editorial Committee](#). The project team facilitated a good discussion around future mortality projects and it was agreed that two additional project ideas (Cause of Death and Better mortality models for actuarial applications) would be scoped out.

The following presentations were provided by members and guest speakers:

- [“Death is certain but survival isn’t”](#) – guest speaker, Kai Kaufhold presented on the uncertainty when estimating death rates.
- [Life Preparancy](#) - Dale Hall gave a presentation on a life preparancy age which might be commonly defined as the age to which 10% of a population that has already reached age 65 is expected to live in the future
- [Longevity Risk Management and the Development of a Value-Based Longevity Index](#) - Michael Sherris presented on his research paper.

This is a summary of the MWG’s discussions. Update translations from previous meetings are also available on the IAA website [click on this link here](#).

IAA Mexico and Next Seminar

The next IAA MWG meetings will be held on 28th November 2018 in Mexico City. The PIWG and MWG are planning a Seminar in conjunction with the IAA Council and Committee meetings **in Mexico City**.

Diary note:

Seminar on Local and Global Issues Related to Mortality and Population

Tuesday, Nov. 27, 2018

1:00–5:30 p.m. (Registration beginning at Noon; Reception following to approximately 6:30 PM)
 Sheraton México City Maria Isabel Hotel (Paseo de la Reforma 325, Cuauhtémoc, 06500 Ciudad de México)

Please tell us what you think about this Update. [Please click here to respond to the brief survey.](#)

The questions are:

1. What language did you read the Update in?
2. What information or item did you find most useful?
3. Is there anything else that you would like to see in the Update?
4. Do you have any interest in helping to organize a seminar on mortality in your country? If so, please provide your name, email address and country.

References

Mortality Working Group Information Base:

[Click on this link here](#)

IAA Mortality Working Group Updates:

[Click on this link here](#)

Papers

Hyperlinks to papers and presentations from the meetings are as follows:

Mortality Initiatives Session:

- [Overview of MWG](#)
- [Climate Change and Mortality](#) (Sam Gutterman)
- [MWG Project - E-cigarettes](#) (Sam Gutterman)
- [MWG Project – Older Age Mortality](#) (Sam Gutterman)
- [Underwriting Around the World](#) (Al Klein)
- [Long Term Drivers of Future Mortality](#) (Al Klein)
- [Actuarial Perspectives on Inequality](#) (Assia Billig)
- [An International Look at Recent Trends in Longevity](#) (Brian Ridsdale)
- [UK Research](#)
- [US Research](#)

MWG Committee Meeting:

- [Introduction to MWG](#)
- [Workplan and Budget](#)
- [Canadian Research and Update from PIWG](#)
- [Life Preparancy](#)
- [E-cigarettes](#)
- Kai Kaufhold presentation “[Death is certain but survival isn’t](#)”
- Russia [Mortality report; country report](#)
- Iran [Mortality report; country report](#)
- [Mortality Investigation in East Africa](#)
- [Norway country report](#)
- Australia [Mortality report, country report](#) and [Life Tables](#)
- [Future Country Reports](#)
- [Longevity Risk Management and the Development of a Value-Based Longevity Index](#)
- [Editorial Committee](#)
- [MWG Projects](#)

International Actuarial Association | Association Actuarielle Internationale

99 Metcalfe Suite 1203 Ottawa, ON K1P 6L7 Canada

Tel: 1-613-236-0886 | Fax: 1-613-236-1386

secretariat@actuaries.org | www.actuaries.org