Geneva Discussion Forum
Mortality

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Moving the Profession Forward Internationally
IAA Mortality

- Website as a resource
- Analysing developing countries mortality experience
- Mortality of disabled people
- Healthy longevity
- CHD Mortality improvement by deprivation quintile
- What’s going on in the countries we cover
- Areas of common interest?
IAA Mortality: website as a resource

* www.actuaries.org/mortality

* Object: extend the body of knowledge of the international actuarial community in respect of mortality:

* And as a resource for others

* Member log-in gives enhanced content
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
- 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.
IAA Mortality Working Group: Areas of Interest 1

* 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
IAA Mortality Working Group: Areas of Interest 2

* Mortality of disabled people
* Mortality-related financial products
* Underwriting
* Mortality assumptions used in pensions and annuity reserving
* Healthy longevity
* Other sources of information
Analysing developing countries experience

Society of Actuaries’
International Mortality Experience Study
IAA MWG: Society of Actuaries’ International Mortality Experience Study

- Assists developing countries to produce credible actuarial experience
- Mortality and persistency in life insurance experience
- Also applicable to Social Security mortality studies
- No charge provided permission for combined results to be published

Argentina, Brazil, Poland, South Korea, Taiwan, Vietnam, Estonia, Philippines, Caribbean, ….
Columbia, Croatia to come
Mortality: Specific Subjects

- **Mortality of disabled people**: Ermanno Pitacco
- **Healthy longevity**: Bridget Browne
- **CHD Mortality improvement by deprivation quintile**: Joseph Lu et al
CHD Mortality improvement by deprivation quintile: Joseph Lu et al

- CHD is leading cause of death in UK
- Mortality rates higher for most deprived
- Rate of fall accelerating
- Rate of fall larger for least deprived
- Causes? Lifestyle or healthcare?
- 1980 – 2000 Lifestyle was largest factor
- 2000 – 2007 Healthcare largest
Country Reports

Mortality (Working Group)

Country Reports

These reports may be submitted by member of the IAA Mortality Working Group, but also by others. Further report will be provided when there have been developments worth reporting.

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Country Reports

* Updates on what’s happening in actuarial work on mortality in:

* Australia, Belgium, Brazil, Canada, China, Chinese, Taipei, Denmark, Finland, France, Germany, Ireland, Israel, Italy, Japan, Netherlands, Russia, Slovenia, South Africa, Spain, Sweden, Switzerland, United Kingdom, United States
Areas of common interest?

- Support for experience analyses in developing countries?
- Methodologies and models?
- International comparisons?
- Education and information?
- Common database of knowledge?
- Financial/social aspects of mortality developments?