



**Canadian
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New research outlines mortality improvement trends in Canada

Ottawa, April 11, 2024 – The latest research by the Canadian Institute of Actuaries (CIA) is now available, providing a careful analysis of historical mortality data and projecting future trends in Canada.

Developed in collaboration with Ad Res Advanced Reinsurance Services GmbH and Koblenz University of Applied Sciences, *Mortality Improvements Research* is authored by Kai Kaufhold, Dr. Martina Brück and Dr. Claus Neidhardt.

“This research represents a critical advancement in our understanding of mortality improvement trends in Canada,” says Kaufhold. “We are confident that the insights provided in this report will have a profound impact on actuarial practice, guiding decision-making and ensuring the financial security of Canadians.”

The report includes a framework for setting mortality improvement assumptions, essential for work across multiple areas of practice, including pensions and insurance. The report offers:

1. **Best-estimate projection scale for the Canadian general population:** This projection scale serves as a vital tool for actuaries, providing a foundation for informed decision-making.
2. **Innovative methodology:** By combining the renowned “CMI method” with statistical analysis, this report proposes an innovative approach for setting long-term mortality assumptions, ensuring accuracy and reliability in projecting future mortality trends.
3. **Framework for model selection in the development of best-estimate projections:** This framework allows for objective evaluation and measurement of the impact of each decision, enhancing the credibility of the results.
4. **Impact on actuarial practice and organizations in Canada:** The findings will inform the consideration of an updated mortality projection scale across all actuarial practice areas, ensuring consistency and reliability.

The report is available in [English](#) and [French](#) on the CIA's website.

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