



Max Planck Institute for Demographic Research



Center on the Economics and Demography of Aging

CEDA

at the University of California Berkeley

Human Mortality over Age, Time, Sex, and Place The 1st HMD Symposium

June 18-19, 2004

Objective To promote research and encourage collaboration amongst researchers using data from the Human Mortality Database (HMD; www.mortality.org) or similar sources

Dates June 18-19, 2004 (arrival June 17 or 16, sessions June 18-19, departure June 20)

Location Max Planck Institute for Demographic Research (MPIDR) in Rostock, Germany

Sponsors MPIDR and the Center on the Economics and Demography of Aging (CEDA) at the University of California, Berkeley

Organizers John Wilmoth and Vladimir Shkolnikov

**Scientific
Coordinator** Dana Gleit

Format Seven sessions over two days; generally three papers presented in each session, followed by group discussion

Topics At present, the HMD provides information regarding the variability of human mortality across four dimensions (age, time, sex, and place). These four aspects of mortality patterns are featured in the following program schedule (see next page).

ABSTRACTS

Presenters should send an abstract of their paper to Edelgard Katke (katke@demogr.mpg.de) by **Tuesday, June 1, 2004**. A complete version of the conference paper should be sent to Monique Verrier (monique@demog.berkeley.edu) by **Friday, June 11, 2004**. Please send a *single* electronic file (preferably a PDF file, otherwise a single MS Word file). The papers will be posted to the CEDA website (<http://www.ceda.berkeley.edu/events/confhmd.html>) prior to the conference so that everyone can download and print the papers they are interested in.

INSTRUCTIONS FOR PRESENTERS

A laptop and projector for PowerPoint presentations will be available to presenters. Equipment will also be available for anyone who wishes to use overhead transparencies or slides.

Presenters using PowerPoint should send the file with their presentation to Edelgard Katke (katke@demogr.mpg.de) by **Wednesday, June 16, 2004**. We recommend that you also bring a back-up copy of your presentation file. Please inform Edelgard in advance how the presentation will be transported (e.g., 3 ½" floppy disk, CD, USB stick) so they can have the necessary equipment available if needed.

Presentations will be limited to **15-20 minutes** in order to allow time for discussion at the end of the session. If you have any other questions regarding equipment, please contact Edelgard Katke at the e-mail address shown above.

PROGRAM SCHEDULE

Friday, June 18, 2004

8:30am-9:15am **Introduction and Overview of HMD**
Jim Vaupel – Director of MPIDR
John Wilmoth – Director of HMD, University of California, Berkeley
Vladimir Shkolnikov – Co-Director of HMD, MPIDR

9:15am-10:45am **Session I – Mortality Comparisons over Time and Place**

- 1) Regional patterns and trends in Canadian mortality - *Robert Bourbeau and Kirill Andreev*
- 2) Determinants of trends in old-age mortality in seven European countries, 1950-99 - *Fanny Janssen (and Johan Mackenbach)*
- 3) Decomposition analysis of trends in Spanish life expectancy and mortality - *Rosa Gómez Redondo (and Carl Boe)*

10:45am-11:00am Break

11:00am-12:00pm **Session II – Mortality Patterns over Age and Time**

- 4) Invariant of life-span distribution across human populations - *Anna Krementsova*
- 5) Modeling mortality surfaces - *Elisabetta Barbi, Fanny Janssen, and Jim Vaupel*

12:00am-1:15pm Lunch (*provided at MPIDR*)

1:15pm-2:45pm **Session III – The Impact of Major Historical Events on Mortality**

- 6) Evidence of immunity, debility and selection as a result of influenza epidemics - *Jim Oeppen*
- 7) German unification and the plasticity of mortality at older ages - *Rembrandt Scholz (and Heiner Maier)*
- 8) The impact of nearly universal insurance coverage on health care utilization, health, and mortality: evidence from Medicare - *Nicole Maestas, (David Card), and Carlos Dobkin*

2:45pm- 3:00pm Break

3:00pm-4:30pm **Session IV – Alternative Data Sources and Quality Assessment**

- 9) Brief overview of indirect methods for measuring mortality in LDCs, with ideas for possible application to historical data for HMD countries - *Ken Hill and Ian Timaeus*
- 10) Comparative quality of mortality data derived from official statistics for both historical and contemporary populations - *John Wilmoth, (Danzen You, and Bernardo Queiroz)*
- 11) The information on mortality provided by local prospective community studies and surveillance systems in less developed countries - *Gilles Pison*

Evening Group dinner and entertainment

Saturday, June 19, 2004

8:45am-10:45am **Session V – Sex Differences in Mortality**

- 12) Difference in life expectancy between sexes: Why is it reducing? - *France Meslé*
- 13) Cause-specific contributions to sex differences in adult mortality among whites and African Americans between 1960 and 1995 - *Irma Elo*
- 14) Forecasting sex differences in mortality in high income nations: The contribution of trends in smoking prevalence - *Fred Pampel*
- 15) Trends in gender differences in accidents mortality: Relationships to changing gender roles and other societal trends - *Ingrid Waldron, (Christopher McCloskey, and Inga Earle)*

10:45am-11:00am Break

11:00am-12:30pm **Session VI – Estimating Old Age Population and Mortality**

- 16) Mortality trajectory and distribution of ages at death for the oldest old: Comparing HMD with empirical data - *Jean-Marie Robine, Karen Siu Lan Cheung, and Graziella Caselli*
- 17) The U.S. oldest-old mortality in 2000: Are death rates in the official life tables underestimated? - *Kirill Andreev*
- 18) On the quality of current estimates of old age populations in European countries: Official statistics vs. Human Mortality Database - *Dmitri Jdanov, Rembrandt Scholz, and Vladimir Shkolnikov*

12:30pm-1:45pm Lunch (*provided at MPIDR*)

1:45pm-2:45pm **Session VII - Civilian versus Total Mortality in Wartime**

- 19) Effects of war losses on mortality estimates for England and Wales - *Dmitri Jdanov, (Eugeny Andreev,) Domantas Jasilionis, and Vladimir Shkolnikov*
- 20) Effects of war losses on mortality estimates for Italy and France - *Dana Gleit, Silvia Bruzzone, (and Graziella Caselli)*

2:45pm-3:00pm Break

3:00pm-3:30pm **Session VIII – Beyond HMD**

- 21) A multistate generalization of the HMD methodology, applied to fertility by parity in the United States, 1917-2000 – *John R. Wilmoth*

3:30pm-5:00pm **Roundtable discussion**

Evening Free

Note: Co-authors who will not attend the symposium are shown in parentheses.