Berlin, Harnack Haus, 13-14 May 2019





Recent Trends and Future Uncertainties in Longevity

The 5th Human Mortality Database Symposium

The 5th HMD Symposium Berlin, Harnack Haus, 13 May 2019

The Human Mortality Database: an introductory word

Vladimir M. Shkolnikov Magali Barbieri Dmitri Jdanov



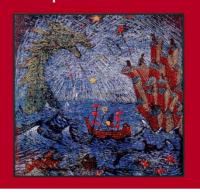




Fathers of the HMD

VÄINÖ KANNISTO

Development of Oldest-Old Mortality, 1950-1990: Evidence from 28 Developed Countries



Development of oldest-old mortality, 1950-1990: Evidence from 28 Developed Countries

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Väinö Kannisto



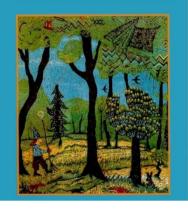
Roger Thatcher



James W. Vaupel

Väino Kannisto

The Advancing Frontier of Survival



The Advancing Frontier of Survival

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In 1994-96 Väinö Kannisto published two books documenting advances in survival and longevity on the basis of data from 28 developed countries.

The books contained numerous and detailed data tables. In 1988-2001 Thatcher, Vaupel and Kannisto published important works on old-age survival, assessment of data quality, and reestimation of populations aged 80+.



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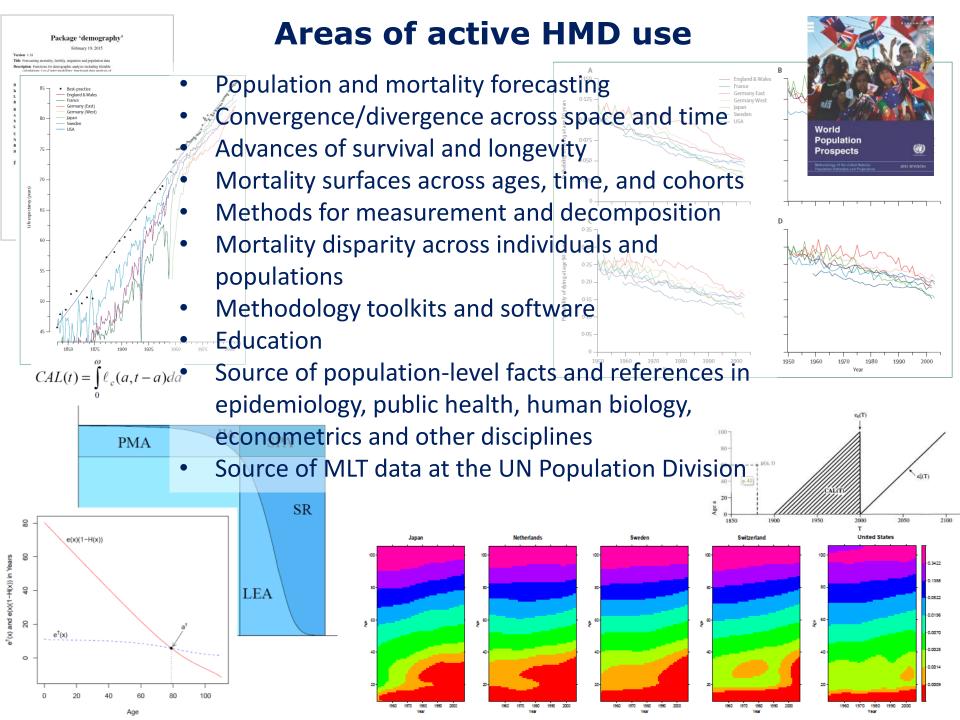
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Others who have worked for this project in the past, or for one its immediate predecessors, include: core HMD team: Evgeny Andreev (MPIDR), Kirill Andreev (MPDR/UCB), Mila Andreeva (UCB), Vladimir Canudas-Romo (UCB), Rembrandt Scholz (MPIDR), Sebastian Klusener (MPIDR), Tim Riffe (UCB)

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Background

Goal of the HMD:

To provide detailed high-quality mortality and population data free of charge to all persons interested in the history of human longevity

- Four guiding principles:
 - Comparability;
 - Flexibility;
 - Accessibility;
 - Reproducibility.

What is the HMD today?

- World's leading data resource on mortality in developed countries
- Detailed historical data and supporting documentation for 40 national populations
- "Gold standard" for demographic databases
- 50,000+ registered users:

Academics (5,000+ publications)

Students

Actuaries

Policy analysts

Journalists

Other corporations (pension funds, banks, etc...)

HMD funders and sponsors







Grants and donations:

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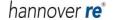
















Core activities: HMD country updates

- Update of all HMD countries on rotating basis
- Priority countries:
 - The US
 - The UK and components
 - Germany
 - Japan
 - France
 - Russia
 - Sweden
 - Canada

Core activities: Investigate new countries

- Recently added countries:
 - Greece
 - Croatia
 - South Korea
- Other countries recently investigated
 - Costa Rica
 - Moldova
- In progress / plans
 - Hong Kong
 - Serbia
 - Romania
 - EU28

Ongoing work and future plans

- Improving of the HMD methodology
- HMD R packages

- Adding cause-of-death data
- Sub-national data
- Less (statistically) developed countries
 - Latin America
 - China
 - India

Monday, May 13

Keynote talks: 9:20 and 15:00

Poster session: coffee breaks at 10:00 and 14:30

Lunch: 12:00 - 13:00

Round table "The HMD today and tomorrow: challenges and opportunities": 16:50

Dinner at the Harnack Haus: 18:00 – 20:00 (bar open until 22:00)

Tuesday, May 14

Keynote talks: 9:00 and 10:40

Lunch: 12:00 - 13:00

Round table "Recent trends and future of longevity": 17:00 – 18:00

Wednesday, May 15

Satellite meeting "Mortality data and methodological approaches in estimating mortality in developing countries"