Objective

The number of countries included in the Human Mortality Database (HMD) has been approaching its limits due to strict requirements for coverage and reliability of population statistics. The HMD project considers several directions for further development taking into account the global importance and growing demand for more reliable and comparable mortality estimates for developing countries. The main goal is to obtain reliable and consistent mortality estimates by using country-specific data-intensive approach combined with standardized methods and uniform principles. The objective of this satellite meeting is to explore and discuss possibilities to extend the HMD approach to China, India, and other middle- and low-income developing countries.

Date
May 15 2019

Location
Goethe Hall, Harnack Haus
Ihnestr. 16-2, Berlin (Germany)
https://www.harnackhaus-berlin.mpg.de/2316/en

Sponsor
Max Planck Institute for Demographic Research
Rostock, Germany

Organizers
Domantas Jasilionis, Dmitri Jdanov

Topics
- Quality of mortality and population data
- Developments in direct and indirect mortality estimations
- Advantages and disadvantages of model-based mortality estimates
PROGRAMME

Wednesday, May 15

8:30–9:00  Registration

9:00–9:15  Welcome and Introduction
  Domantas Jasilionis (MPIDR)

9:15–10:45  SESSION I: Collaborative studies by the HMD project team  Chair: Domantas Jasilionis

• Trifon Missov et al. (MPIDR /PU/ CPDRD)
  *Mortality estimates for China and its regions: solving data and methodological challenges*

• Vladimir M. Shkolnikov et al. (MPIDR /IIPS)
  *Reconstructing age-specific mortality in India using data with pronounced age heaping from DLHS and NFHS surveys*

• Magali Barbieri et al. (UCB / AMS-HW)
  *Issues in constructing HMD data series in middle-income countries: The case of Mexico*

10:45–11:00  COFFEE BREAK

11:00–12:30  SESSION II: Monitoring mortality trends and differentials  Chair: K.S. James

• Christophe Z. Guilmoto (CEPED), Nandita Saikia (IIASA, JNU)
  *Local mortality estimation in India. Can we avoid Census data?*

• Hiram Beltrán-Sánchez (UCLA-FSPH)
  *Impact of delayed effects on human old-age mortality*

• Yong Cai (UNC-CPC)
  *Mortality trends and variation in ChinaA*

12:30–13:30  LUNCH BREAK

13:30–15:00  SESSION III: Data challenges: India and China  Chair: Mathias Lerch

• Danan Gu (UNPD)
  *Data quality of mortality in Chinese censuses*

• Usha Ram (IIPS)
  *Sample Registration System in India*

• Cheng Li (ANU/ZJU), Hong Mi (ZJU)
  *Assessments of Provincial Mortality in China’s 2010 Population Census: a study based on the DCMD model life table*
15:15–16:15: **SESSION IV: Data challenges: Latin American Countries**  • *Chair: Hiram Beltrán-Sánchez*

- **Andres Barajas Paz, Andrew Cairns, Torsten Kleinow (HW)**
  *Age heaping in population data of emerging countries*

- **Marilia Nepomuceno (MPIDR), Cassio M. Turra (UFmG)**
  *The population of centenarians in Brazil: An historical analysis from 1900 to 2010*

- **Iván Williams, Tim Riffe (MPIDR)**
  *Argentinian data quality assessment for HMD family of databases*

16:15–17:00 **ROUND TABLE: Discussion and Conclusions**  • *Moderator: Dmitri Jdanov*

**Discussants:**
- K.S. James (IIPS)
- Christophe Z. Guilmoto (CEPED)
- Hiram Beltrán-Sánchez (UCLA-FSPH)
- Cuiling Zhang (CPDRD)
- Mathias Lerch (MPIDR)

**List of institutions abbreviations**

- **AMS-HW** Dep. of Actuarial Mathematics & Statistics, Heriot-Watt University (*Edinburgh, Scotland, UK*)
- **CEPED** Centre Population et Développement, Université Paris Descartes (*Paris, France*)
- **CPDRD** China Population and Development Research Center (*Beijing, China*)
- **HKU** University of Hong Kong, Mindlink Research Centre (*Hong Kong*)
- **IIASA** International Institute for Applied Systems Analysis (*Laxenburg, Austria*)
- **IIPS** International Institute for Population Sciences, Deemed University (*Deonar Mumbai, India*)
- **INED** Institut National d’Études Démographiques (*Paris, France*)
- **JNU** Jawaharlal Nehru University (New Delhi, India)
- **MPIDR** Max Planck Institute for Demographic Research, (*Rostock, Germany*)
- **PU** Peking University (*Beijing, China*)
- **RUC** Renmin University of China (*Beijing, China*)
- **UCB** University of California Berkeley (*Berkeley, USA*)
- **UCLA-FSPH** University of California Los Angeles Fielding School of Public Health (*Los Angeles, USA*)
- **UFmG** Federal University of Minas Gerais (*Belo Horizonte, Brazil*)
- **UNC-CPC** Carolina Population Center, University North Carolina (*Chapel Hill, USA*)
- **UNPD** United Nations Population Division, United Nations (*New York, USA*)
- **ZJU** Zhejiang University (*Hangzhou, China*)