

## IUSSP Panel on Declining Mortality and Multi-morbidity at Death

### Report on the activities from August 2022 to June 2025

The [Scientific Panel on Declining Mortality and Multi-morbidity at Death](#) was established in August 2022. The goal of this panel is to draw the attention of population scientists interested in various mortality issues (levels and trends, determinants, differentials, forecast...) to the role played by multi-morbidity in current epidemiological profiles and mortality trends. It aims at foresting the inclusion of multiple causes of death and multi-morbidity in research in that domain.

The panel activities extend the activities of the already existing international MultiCause Network (created in 2012), which regularly organizes workshops (the next one will be held in Barcelona in October 2025).

The steering committee of the panel organized two public webinars:

- a kick-off webinar on March 30, 2023. The event presented the aims of the panel as well as the aims and state-of-the-art of the multiple cause-of-death approach. The speakers responded to questions from the online audience. Despite the difficult time for those on the US East coast and impossible time for those on the West, there were 217 registered participants for the webinar.
- a webinar on socio-economic differences in multi-morbidity at death on September 28, 2023. The webinar was structured around two talks, one by Tim Adair (University of Melbourne) and the other by Paul Peters (Carleton University).

Aline Désesquelles and Tim Adair proposed to organize a session on *Multi-morbidity at death* at the forthcoming International Population Conference in Brisbane. With 4 accepted papers, the session has been included in the conference program (session #49).

The steering committee agreed that there was a need to increase the knowledge of the scientific community on the aims of multiple cause-of-death analysis, how we can answer certain questions, and what are the limitations of this approach. The presentation in the kick-off seminar provided some insight in that direction. The steering committee decided to list a set of Frequently Asked Questions (FAQs) and to provide a written answer to these questions to be posted on the webpage of the panel on the IUSSP website. The members of the steering committee agreed on a list of 5 main questions and collectively provided the answers. This material could be used to submit a paper to a journal.

Building on the scientific outputs of the session at the International Population Conference and the Barcelona workshop, a 3<sup>rd</sup> webinar could be organized in 2026.

### Steering Committee

Chair: Aline Désesquelles (French institute for demographic studies - INED, Paris)

#### Members:

Tim Adair (University of Melbourne)

Viviana Egidi (Sapienza Università di Roma)

Sergi Trias-Llimós (Centre d'Estudis Demogràfics, Barcelona)

Ana Maria Nogales Vasconcelos (University of Brasilia)