

- Journal Contents
- SEARCH
- Current Volume
- Volumes
- Articles
- Special Collections

- General Information
- About the Journal
- Information for Authors
- Copyright Information
- Register for e-mail alerts
- Submit a Paper

## Mortality in the Caucasus

### An attempt to re-estimate recent mortality trends in Armenia and Georgia

Géraldine Duthé  
Irina Badurashvili  
Karine Kuyumjyan  
France Meslé  
Jacques Vallin

VOLUME 22 - ARTICLE 23 Date Received: 24 Jul 2009  
PAGES 691 - 732 Date Published: 23 Apr 2010  
<http://www.demographic-research.org/volumes/vol22/23/>

doi: 10.4054/DemRes.2010.22.23



Click the icon to view and/or download the PDF file. Once you are in the PDF file, use your browser back button to return to this page.

#### Abstract

With the collapse of the Soviet Union, Caucasian countries experienced remarkable migration flows, political conflicts, and deterioration of civil registration systems. The reassessment of Armenian and Georgian population after censuses carried out in the early 2000s enables to re-estimate recent mortality levels in both countries. Vital statistics since the 1980s are presented and discussed. Infant mortality is corrected according to sample surveys, and mortality above age 60 estimated through model life tables. On the basis of these estimates, trends in life expectancy were similar in the two countries, unfavourable during the 1990s, especially for males for whom the health progress, notably in Georgia, is still low.

#### Author's affiliation

**Géraldine Duthé**  
Institut national d'études démographiques (INED), France  
**Irina Badurashvili**  
Georgian Centre of Population Research, Georgia  
**Karine Kuyumjyan**  
National Statistical Service of the Republic of Armenia, Armenia  
**France Meslé**  
Institut national d'études démographiques (INED), France  
**Jacques Vallin**  
Institut national d'études démographiques (INED), France

#### Keywords

administrative data, Armenia, estimation, Georgia, life expectancy, mortality, reliability, survey data

Word count (Main text)  
5730





**References**

- ▶ View the references of this article

**Services**

- ▶ Bookmark this page
- ▶ Send this article to a friend

**Download to Citation Manager**

-  Refman format (RIS)
-  ProCite format (RIS)
-  EndNote format
-  BibTeX format

**Citations and Similar Articles**






**PubMed**

- ▶ Articles by Géraldine Duthé
- ▶ Articles by Irina Badurashvili
- ▶ Articles by Karine Kuyumjyan
- ▶ Articles by France Meslé
- ▶ Articles by Jacques Vallin






**Google Scholar**

- ▶ Articles by Géraldine Duthé
- ▶ Articles by Irina Badurashvili
- ▶ Articles by Karine Kuyumjyan
- ▶ Articles by France Meslé
- ▶ Articles by Jacques Vallin
- ▶ Article and its Citations

Other articles by the same author/authors (in *Demographic Research*)

-  [19-37] Adult mortality in a rural area of Senegal: Non-communicable diseases have a large impact in Mlomp
-  [12-13] Geographical diversity of cause-of-death patterns and trends in Russia
-  [5-7] Life expectancy in two Caucasian countries. How much due to overestimated population?
-  [S2-2] Convergences and divergences in mortality: A new approach of health transition
-  [S2-3] Mortality in Central and Eastern Europe: Long-term trends and recent upturns

Most recent similar articles in *Demographic Research*

-  [19-35] An integrated approach to cause-of-death analysis: cause-deleted life tables and decompositions of life expectancy (mortality, life expectancy)
-  [15-21] Mortality tempo-adjustment: An empirical application (mortality, life expectancy)
-  [14-13] Survival differences among the oldest old in Sardinia: who, what, where, and why? (mortality, life expectancy)
-  [14-7] The relative tail of longevity and the mean remaining lifetime (mortality, life expectancy)
-  [13-20] Decomposition analysis of Spanish life expectancy at birth: Evolution and changes in the components by sex and age (mortality, life expectancy)

[ [Back to previous page](#) ]