

## Literature list: Demographic Analysis I (MD360E01)

---

### Content

1. General
2. Lexis diagram, time in demography
3. System of demographic indicators, Age specific rates of mortality and probabilities of dying
4. Sources of demographic data
5. Demographic structures
6. Infant mortality

### Literature list

#### 1. General

SWANSON D. A., SIEGEL J. S. The methods and materials of demography. Elsevier. San Diego. 2004. ISBN: 0-12-641955-8. Available online per CKIS or at [https://demographybook.weebly.com/uploads/2/7/2/5/27251849/david\\_a.\\_swanson\\_jacob\\_s.\\_siegel\\_the\\_methods\\_and\\_materials\\_of\\_demography\\_second\\_edition\\_2004.pdf](https://demographybook.weebly.com/uploads/2/7/2/5/27251849/david_a._swanson_jacob_s._siegel_the_methods_and_materials_of_demography_second_edition_2004.pdf). Pages 265–340.

KENNETH W. W. Essential Demographic Methods. Cambridge, Massachusetts: Harvard University Press, 2014. ISBN 9780674045576. Available online per CKIS.

SMITH D. P., KEYFITZ N. Mathematical Demography. *Demographic research monographs*. Heidelberg [et al.], Springer (2013). Available online: [https://www.demogr.mpg.de/books/drm/011/978-3-642-35858-6\\_Book\\_Online.pdf](https://www.demogr.mpg.de/books/drm/011/978-3-642-35858-6_Book_Online.pdf).

#### 2. Lexis diagram, time in demography

CARMICHAEL, G. A. Fundamentals of Demographic Analysis: Concepts, Measures and Methods. *The Springer Series on Demographic Methods and Population Analysis*. Springer International Publishing, 2016. Pages 85–127. Available online: <http://ndl.ethernet.edu.et/bitstream/123456789/54173/1/277.pdf>.

TESÁRKOVÁ, Klára Hulíková; KURTINOVÁ, Olga. *Lexis in Demography*. Springer International Publishing, 2018. Pages 11–14 & 46–48. Available online per CKIS.

Human Fertility Database. Max Planck Institute for Demographic Research (Germany) and Vienna Institute of Demography (Austria). *Methods protocol*. Available online: <https://www.humanfertility.org/File/GetDocumentFree/Docs/methods.pdf>. Pages 4–11.

UNFPA. Module How to measure demographic processes/Lexis diagram. Available online: [http://papp.iussp.org/sessions/module\\_overview/PAPP000\\_mo\\_040\\_010.html](http://papp.iussp.org/sessions/module_overview/PAPP000_mo_040_010.html).

RAU, Roland, et al. Visualizing mortality dynamics in the Lexis diagram. 2017. Available online: <https://link.springer.com/content/pdf/10.1007/978-3-319-64820-0.pdf>.

CASELLI, Graziella; VALLIN, Jacques; WUNSCH, Guillaume. *Demography: Analysis and Synthesis, Four Volume Set: A Treatise in Population*. Elsevier, 2005. Part II, Chapter 6, pages 55–61.

#### 3. System of demographic indicators, rates and probabilities

CARMICHAEL, G. A. Fundamentals of Demographic Analysis: Concepts, Measures and Methods. *The Springer Series on Demographic Methods and Population Analysis*. Springer International Publishing, 2016. Pages 21–48. Available online: <http://ndl.ethernet.edu.et/bitstream/123456789/54173/1/277.pdf>.

Human Fertility Database. Max Planck Institute for Demographic Research (Germany) and Vienna Institute of Demography (Austria). *Methods protocol*. Available online: <https://www.humanfertility.org/File/GetDocumentFree/Docs/methods.pdf>. Pages 38 and 50.

CASELLI, Graziella; VALLIN, Jacques; WUNSCH, Guillaume. *Demography: Analysis and Synthesis, Four Volume Set: A Treatise in Population*. Elsevier, 2005. Part II, Chapter 8. Pages 79–86.

PRESTON S. H., HEUVELINE P. & GUILLOT M. *Demography : measuring and modeling population processes*. Blackwell, 2001. Pages 21–69.

SMITH D. P., KEYFITZ N. Mathematical Demography. *Demographic research monographs*. Heidelberg [et al.], Springer (2013). Available online: [https://www.demogr.mpg.de/books/drm/011/978-3-642-35858-6\\_Book\\_Online.pdf](https://www.demogr.mpg.de/books/drm/011/978-3-642-35858-6_Book_Online.pdf). Pages 43–49 (Essay *A short method for constructing an abridged life table* written by REED L. J, MERRELL M. A).

Basics of demographic analysis: <https://www.measureevaluation.org/resources/training/online-courses-and-resources/non-certificate-courses-and-mini-tutorials/population-analysis-for-planners.html>

4. Sources of demographic data
5. Demographic structures
6. Infant mortality