

(Demography MA-program, advanced level course)

Population Processes, Fall 2022, 7.5 ECTS-credits

1. Fertility and nuptiality

Lecture 1: Changes in family patterns in industrialized countries (60 pages)

Required reading:

Cherlin, A.J. (2012). Goode's World Revolution and Family Patterns: A reconsideration at fifty years. *Population and Development Review*, 38 (4): 577-607. [/28 pages/](#)

Hofäcker, D. & Chaloupková, J. (2014). Patterns of family life courses in Europe – between standardisation and diversity: A cross-national comparison of family trajectories and life course norms in European countries. *Comparative Population Studies*. 39 (3): 559-586. [/17 pages/](#)

Schwanitz, K. & Mulder, C.H. (2015). Living arrangements of young adults in Europe. *Comparative Population Studies*, 40 (4): 367-398. [Read only pp 368-372; 389, 392-393] [/8 pages/](#)

Thomson, E. (2014) Family complexity in Europe. *Annals of the AAPS*, 654 (1): 245-258. [/7 pages/](#)

Recommended reading:

Aeby, G. & Gauthier, J.-A. (2021). The contribution of the life-course perspective to the study of family relationships: advances, challenges and limitations. In A.-M., Castrén et al. (eds.) *The Palgrave Handbook of Family Sociology*, Springer, Cham. Pp. 557-574.

Lecture 2: Proximate determinants and measures, frameworks and concepts of fertility; fertility transition in developing countries (57 pages)

Required reading:

Bongaarts, J. (2017). Africa's unique fertility transition. *Population and Development Review*, 43 (Supplement S1): 39-58. /10 pages/

De Bruijn, B. J. (2006). Fertility: Theories, Frameworks, Models, Concepts. In G. Caselli, J. Vallin & G. Wunsch (eds.) Demography: Analysis and Synthesis: A Treatise in Population. Boston: Elsevier. Pp. 549-569. [Read only: pp. 550-551; 554-563] /12 pages/

Haupt, A., **Kane**, T.T. & **Haub**, C. (2011). *PRB's Population Handbook. 6th edition* Washington, DC: Population Reference Bureau, pp . 9-15 /6 pages/

Kebede, E., **Goujon**, A. & **Lutz**, W. (2019). Stalls in Africa's fertility decline partly result from disruptions in female education. *PNAS*, 116 (8): 2891-2896 /4 pages/

Lerch, M. (2019). Fertility decline in urban and rural areas of developing countries. *Population and Development Review*, 45 (2): 301-320 [Read only pp. 301-303; 308-317] /10 pages/

Mbacké, C. (2017). The Persistence of High Fertility in sub-Saharan Africa: A Comment. *Population and Development Review*, 43 (Supplement S1): 330-337. /5 pages/

Morgan, S.P. & **Rybińska**, A. (2019). 12 Fertility. In: Poston, Jr. D.L. (ed) *Handbook of Population*. Handbooks of Sociology and Social Research. Springer, Cham. [Read only pp 319-326; 335-337] /10 pages/

Recommended reading:

Cleland, J. & Potter, J.E. (2019). 30 Fertility Regulation. In: Poston, Jr. D.L. (ed) *Handbook of Population*. Handbooks of Sociology and Social Research. Springer, Cham. Pp 793-817.

Finlay, J.E., Mejía-Guevara, I. & Akachi, Y. (2018). Inequality in total fertility rates and the proximate determinants of fertility in 21 sub-Saharan African countries. *PLoS ONE*, 13 (9): e0203344.

Liu, D.H. & Raftery, A.E. (2020). How do education and family planning accelerate fertility decline? *Population and Development Review*, 46 (3): 409-441.

Lecture 3: Micro-, meso- and macro-level determinants of fertility in the developed world; the female employment, fertility and family policy-nexus (51 pages)

Required reading:

Balbo, N., Billari, F.C. & Mills, M. (2013). Fertility in advanced societies: A review of research. *European Journal of Population*, 29 (1): 1-38. /26 pages/

Bergsvik, J., Fauske, A. & Kaldager Hart, R. (2021). Can policies stall the fertility fall? A systematic review of the (quasi-)experimental literature. *Population and Development Review*, 47 (4): 913-964. /25 pages/

Recommended reading:

Behrman, J. & Gonalons-Pons, P. (2020). Women's employment and fertility in a global perspective (1960-2015). *Demographic Research*, 43 (25): 707-744.

Myrskylä, M., Kohler, H-P. & Billari, F.C. (2009). Advances in development reverse fertility declines. *Nature*, Vol 460, 6 August 2009; doi:10.1038/nature08230

Lecture 4: Values, family and gender role changes; reproductive goals and uncertainty (67 pages)

Required reading:

Lück, D., Ruckdeschel, K., Dechant, A. & Schneider, N.F. (2021). Family demography and values in Europe: Continuity and change. In: Castrén, A.M. et al. (eds). *The Palgrave Handbook of Family Sociology*, Springer. Cham. Pp. 85-106. /17 pages/

Ní Bhrolcháin, M. & Beaujouan, E. (2019). Do people have reproductive goals? Constructive preferences and the discovery of desired family size. In R. Schoen et al. (ed.) *Analytical Family Demography*, Springer. Cham. Pp. 27-56. /20 pages/

Raybould, A. & Sear, R. (2021). Children of the (gender) revolution: A theoretical and empirical synthesis of how gendered division of labour influences fertility, *Population Studies*, 75 (2): 169-190. /15 pages/

Vignoli, D., Bazzani, G., Guetto, R., Minello, A. & Pirani, E. (2020). Uncertainty and narratives of the future: A theoretical framework for contemporary fertility. In: Schoen R. (ed.) *Analyzing Contemporary Fertility*. The Springer Series on Demographic Methods and Population Analysis, vol 51. Springer, Cham. Pp. 25-47. /15 pages/

Recommended reading:

Alderotti, G., Vignoli, D., Baccini, M. & Matysiak, A. (2021). Employment instability and fertility in Europe: A meta-analysis. *Demography*, 58 (3): 871-900.

Brzozowska, Z. (2021). Attitudinal and behavioural indices of the second demographic transition: Evidence from the last three decades in Europe. *Demographic Research*, 44 (46): 1115-1132.

Falbo, T & Rodgers, J.L. (2019). 19 Population psychology. In: Poston, Jr. D.L. (eds) *Handbook of Population*. Handbooks of Sociology and Social Research. Springer, Cham. Pp. 499-519 [Read only pp. 507-511]

Lappégård, T., Kristensen, A. P., Dommermuth, L., Minello, A. & Vignoli, D. (2022). The impact of narratives of the future on fertility intentions in Norway. *Journal of Marriage and Family*, online first.

Luppi, F., Arpino, B. & Rosina, A. (2020). The impact of COVID-19 on fertility plans in Italy, Germany, France, Spain and UK. *Demographic Research*, 43 (47): 1399-1412.

Morgan, S.P. & Rybińska, A. (2019). 12 Fertility. In: Poston, Jr. D.L. (eds) *Handbook of Population*. Handbooks of Sociology and Social Research. Springer, Cham. [Read only pp 327-328]

2. Mortality

Lecture 1: Mortality: measurement, concepts, and developments (69 pages)

Darlington-Pollock, F. & Wallace, M. (2020). Mortality. In Kobayashi, A (Ed.), *Encyclopedia of Human Geography* (pp.199-204). Amsterdam, Netherlands: Elsevier. (5 pages)

Meslé, F. & Vallin, J. (2011). Historical trends in mortality. In *International handbook of adult mortality* (pp. 9-47). Springer, Dordrecht. (28 pages)

Preston, S. H. (1996). Population studies of mortality. *Population Studies*, 50 (3): 525-536. (11 pages)

Santosa, A., Wall, S., Fottrell, E., Höglberg, U. & Byass, P. (2014). The development and experience of epidemiological transition theory over four decades: a systematic review. *Global Health Action*, 7 (1): 23574. (10 pages)

van Raalte, A. A. (2021). What have we learned about mortality patterns over the past 25 years?. *Population Studies*, 75(sup1), 105-132. (15 pages)

Recommended reading:

Barbieri, M., Wilmoth, J. R., Shkolnikov, V. M., Glei, D., Jaslionis, D., Jdanov, D. & Winant, C. (2015). Data resource profile: the human mortality database (HMD). *International Journal of Epidemiology*, 44 (5): 1549-1556.

GBD 2016 Causes of Death Collaborators (2017). Global, regional, and national age-sex specific mortality for 264 causes of death, 1980-2016: a systematic analysis for the Global Burden of Disease Study 2016 (vol 390, pg 1151). *Lancet*, 390, E38-E38
[Read only pp. 1151-1178]

Moriyama, I. M., Loy, R. M., Robb-Smith, A. H. T., Rosenberg, H. M. & Hoyert, D. L. (2011). *History of the statistical classification of diseases and causes of death*.

Omran, A. R. (1998). The epidemiologic transition theory revisited thirty years later. *World health statistics quarterly*, 53 (2, 3, 4): 99-119.

Lecture 2: Life expectancy and a limit to the human lifespan? (28 pages)

Required reading:

Barbieri, M. (2019). The decrease in life expectancy in the United States since 2014. *Population Societies*, (9), 1-4. ([4 pages](#))

Goldstein, J. R. & Lee, R. D. (2020). Demographic perspectives on the mortality of COVID-19 and other epidemics. *Proceedings of the National Academy of Sciences*, 117 (36): 22035-22041. ([6 pages](#))

Hiam, L., Harrison, D., McKee, M. & Dorling, D. (2018). Why is life expectancy in England and Wales ‘stalling’?. *J Epidemiol Community Health*, 72 (5): 404-408. ([4 pages](#)) [t](#)

Ho, J. Y. & Hendi, A. S. (2018). Recent trends in life expectancy across high income countries: retrospective observational study. *BMJ*, 362. ([9 pages](#))

Oeppen, J. & Vaupel, J. W. (2002). Broken limits to life expectancy. *Science*, 296 (5570): 1029-1031. ([3 pages](#))

Olshansky, S. J., Carnes, B. A. & Désesquelles, A. (2001). Prospects for human longevity. *Science*, 291(5508), 1491-1492. ([2 pages](#))

Recommended reading:

Aburto, J. M., Schöley, J., Kashnitsky, I., Zhang, L., Rahal, C., Missov, T. I., & Kashyap, R. (2021). Quantifying impacts of the COVID-19 pandemic through life-expectancy losses: a population-level study of 29 countries. *International Journal of Epidemiology*.

- Couzin-Frankel, J. (2011). *A pitched battle over life span*.
- Dong, X., Milholland, B., & Vijg, J. (2016). Evidence for a limit to human lifespan. *Nature*, 538 (7624): 257-259.
- Drefahl, S., Ahlbom, A. & Modig, K. (2014). Losing Ground - Swedish Life Expectancy in a Comparative Perspective. *PLoS ONE*, 9, e88357.
- Vallin, J. & Meslé, F. (2009). The segmented trend line of highest life expectancies. *Population and Development Review*, 35 (1): 159-187.

Lecture 3: Mortality patterns by age and sex (51 pages)

Required reading:

Barbi, E., Lagona, F., Marsili, M., Vaupel, J. W. & Wachter, K. W. (2018). The plateau of human mortality: Demography of longevity pioneers. *Science*, 360 (6396): 1459-1461. (3 pages)

Perez-Paton, M. & DeSalvo, B. (2019). 13 Infant Mortality. In: Poston, Jr. D.L. (eds) *Handbook of Population*. Handbooks of Sociology and Social Research. Springer, Cham. Pp. 343-354. (10 pages)

Remund, A., Camarda, C. G. & Riffe, T. (2021). Is young adult excess mortality a natural phenomenon?. *Population Societies*, (6), 1-4. (4 pages)

Rogers, R. G., Hummer, R. A., Krueger, P. M. & Vinneau, J. M. (2019). 14 Adult Mortality. In: Poston, Jr. D.L. (eds) *Handbook of Population*. Handbooks of Sociology and Social Research. Springer, Cham. Pp. 355-381. (18 pages)

Verbrugge, L. M. (1982). Sex differentials in health. *Public Health Reports*, 97 (5): 417. (16 pages)

Recommended reading:

Case, A. & Paxson, C. (2005). Sex differences in morbidity and mortality. *Demography*, 42 (2): 189-214.

Heligman, L. & Pollard, J. H. (1980). The age pattern of mortality. *Journal of the Institute of Actuaries*, 107 (1): 49-80.

Oksuzyan, A., Juel, K., Vaupel, J. W. & Christensen, K. (2008). Men: good health and high mortality. Sex differences in health and aging. *Aging clinical and experimental research*, 20 (2): 91-102.

Robine, J. M., Allard, M., Herrmann, F. R. & Jeune, B. (2019). The real facts supporting Jeanne Calment as the oldest ever human. *The Journals of Gerontology: Series A*, 74(Supplement_1), S13-S20.

Lecture 4: Mortality, society, and inequality (54 pages)

Required reading:

Arias, E. & Branch, M. S. (2019). Race crossover in longevity. *Encyclopedia of gerontology and population aging*. New York, NY: Springer Cham, Pp. 1-10. (6 pages)

Clark, P. (2021). ‘What else can you expect from class-ridden Britain?’: the Whitehall studies and health inequalities, 1968 to c. 2010. *Contemporary British History*, 35 (2): 235-257. (16 pages)

Mackenbach, J. P., Valverde, J. R., Bopp, M., Brønnum-Hansen, H., Costa, G., Deboosere, P., ... & Nusselder, W. J. (2019). Progress against inequalities in mortality: register-based study of 15 European countries between 1990 and 2015. *European Journal of Epidemiology*, 34 (12): 1131-1142. (7 pages)

Wrigley-Field, E. (2020). Multidimensional mortality selection: Why individual dimensions of frailty don’t act like frailty. *Demography*, 57 (2): 747-777. (25 pages)

Recommended reading:

Markides, K. S. & Eschbach, K. (2011). Hispanic paradox in adult mortality in the United States. In *International handbook of adult mortality* (pp. 227-240). Springer, Dordrecht.

Németh, L. (2017). Life expectancy versus lifespan inequality: A smudge or a clear relationship?. *PLoS One*, 12 (9): e0185702.

van Raalte, A. A., Sasson, I. & Martikainen, P. (2018). The case for monitoring life-span inequality. *Science*, 362 (6418): 1002-1004.

Vaupel, J. W. & Yashin, A. I. (1985). Heterogeneity's ruses: Some surprising effects of selection on population dynamics. *The American Statistician*, 39, 176-184.

3. Migration

Lecture 1: Patterns of international migration (ca. 50 pages)

Required reading:

de Haas, H., Czaika, M., Flahaux, M.-L., Mahendra, E., Natter, K., Vezzoli, S. & Villares-Varela, M. (2019). International Migration: Trends, Determinants, and Policy Effects. *Population and Development Review*, 45, 885-922. (ca 27 pages)

Brown, S.K., Bean F.D. & Nasir, S. (2019). 16 International Migration. In: Poston, Jr. D. L. (eds) *Handbook of Population*. Handbooks of Sociology and Social Research. Springer, Cham. Pp. 421-455 (ca. 23 pages).

Recommended reading:

Monti, A. (2020). Re-emigration of foreign-born residents from Sweden: 1990–2015. *Population, Space and Place*. 26:e2285.

Monti, A., Drefahl, S., Mussino, E. & Häkkinen, J. (2020) Over-coverage in population registers leads to bias in demographic estimates, *Population Studies*, 74 (3): 451-469,

Lecture 2: Theories of migration; Integration of immigrants in the new society (ca. 96 pages)

Required reading:

Boswell, C. (2007). Theorizing Migration Policy: Is There a Third Way? *International Migration Review*, 41, 75-100. (23 pages)

Massey, D. S., Arango, J., Hugo, G., Kouaouci, A., Pellegrino, A. & Taylor, J. E. (1993). Theories of international migration: A review and appraisal. *Population and Development Review*, 19 (3): 431-466. (33 pages)

Richard, A. & Nee, V. (1997). Rethinking Assimilation: theory for a New Era of Immigration. *International Migration Review*, 31 (4): 826-874. (ca 40 pages)

Recommended reading:

King, Russell (2012). *Theories and typologies of migration: an overview and a primer*. Working Paper. Malmö University, Malmö.

Portes, A. & Böröcz, J. (1989). Contemporary immigration: Theoretical perspectives on its determinants and modes of incorporation. *International Migration Review*, 23 (3): 606-630.

Zhou, M. (1997). Segmented assimilation: Issues, controversies, and recent research on the new second generation. *International Migration Review*, 31 (4): 975-1008.

Lecture 3: Integration of immigrants in the labour market and other aspects of integration (ca. 60 pages)

Required reading:

Chiswick, B. R. (1978). The effect of Americanization on the earnings of foreign-born men. *The Journal of Political Economy*, 86 (5): 897-921. (ca 17 pages)

Heath, A. F., Rothon, C. & Kilpi, E. (2008). The second generation in Western Europe: Education, unemployment, and occupational attainment. *Annual Review of Sociology*, 34, 211-235. (ca 16 pages)

Jonsson, J. O. & Rudolphi, F. (2011). Weak performance—strong determination: School achievement and educational choice among children of immigrants in Sweden. *European Sociological Review*, 27 (4): 487-508. (ca 11 pages)

Van Tubergen, F., Maas, I. & Flap, H. (2004). The economic incorporation of immigrants in 18 western societies: Origin, destination, and community effects. *American Sociological Review*, 69 (5): 704-727. (ca. 18 pages)

Recommended reading:

Mayda, A. M. (2006). Who is against immigration? A cross-country investigation of individual attitudes toward immigrants. *The Review of Economics and Statistics*, 88 (3): 510-530.

Rooth, D. & Ekberg, J. (2006). Occupational mobility for immigrants in Sweden. *International Migration*, 44 (2): 57-77.

Schimmer, P. & Van Tubergen, F. (2014). Transnationalism and ethnic identification among Adolescent Children of Immigrants in the Netherlands, Germany, England, and Sweden. *International Migration Review*, 48 (3): 680-709.

Lecture 4: Demographic aspects of international migration (47 pages)

Required reading:

Abraido-Lanza, A. F., Dohrenwend, B. P., Ng-Mak, D. S. & Turner, J. B. (1999). The Latino mortality paradox: A test of the "salmon bias" and healthy migrant hypotheses. *American Journal of Public Health*, 89 (10): 1543-1548. (ca 4 pages)

Kulu, H., & González-Ferrer, A. (2014). Family dynamics among immigrants and their descendants in Europe: current research and opportunities. *European Journal of Population*, 30 (4): 411-435. (ca 19 pages)

McDonald, J. T. & Kennedy, S. (2004). Insights into the 'healthy immigrant effect': Health status and health service use of immigrants to Canada. *Social Science & Medicine*, 59 (8): 1613-1627. (ca 7 pages)

Sobotka, T. (2008). Overview chapter 7: The rising importance of migrants for childbearing in Europe. *Demographic Research*, 19 (9): 225-248. (ca 17 pages)

Recommended reading:

Andersson, G. (2004). Childbearing after migration: Fertility patterns of foreign-born women in Sweden. *International Migration Review*, 38 (2): 747-774

Aradhya, S., Brandén, M., Drefahl, S., Obućina, O. Andersson, G., Rostila, M., Mussino, E. & Juárez, S. P. (2021). Intermarriage and COVID-19 mortality among immigrants. A population-based cohort study from Sweden, *BMJ Open*, DOI: 10.1136 / bmjopen-2021-048952

Kalmijn, M. (1998). Intermarriage and homogamy: Causes, patterns, trends. *Annual Review of Sociology*, 24, 395-421.

Lindstrom, D. P. & Saucedo, S. G. (2002). The short-and long-term effects of US migration experience on Mexican women's fertility. *Social Forces*, 80 (4): 1341-1368.

Smith, S., Maas, I. & van Tubergen, F. (2012). Irreconcilable differences? Ethnic intermarriage and divorce in the Netherlands, 1995–2008. *Social Science Research*, 41 (5): 1126-1137.

Wallace, M. & Darlington-Pollock, F. Poor health, low mortality? Paradox found among immigrants in England and Wales. *Popul Space Place*. 2020;e2360.