

## Mikko Myrskylä

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### SUMMARY

I am Director of the Max Planck Institute for Demographic Research and Professor of Social Data Science at the University of Helsinki. I joined the MPIDR from the London School of Economics where I served as Full Professor of Demography. Together with Co-PIs Siri Eldevik Håberg from Norway and Cecilia Ramlau-Hansen from Denmark I lead the ERC Synergy project BIOSFER: Untangling the causes of low fertility in modern societies; and together with Co-Director Pekka Martikainen I direct the Max Planck-University of Helsinki Center for Social Inequalities in Population Health. My training includes a PhD in Demography from the University of Pennsylvania and a PhD in Statistics from the University of Helsinki, and most of my work focuses on population health, fertility dynamics, and demographic forecasting.

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### POSITIONS

2014— Director, Max Planck Institute for Demographic Research (MPIDR)  
 2023— Chair of the Scientific Council of the Max Planck Society  
 2023— Director, Max Planck – University of Helsinki Center for Social Inequalities in Population Health; Rostock, Germany and Helsinki, Finland  
 2016— Professor of Social Data Science, University of Helsinki  
 2015—2019 Professorial Research Fellow, London School of Economics  
 2013—2015 Professor of Demography (with tenure), London School of Economics  
 2013— Docent in Demography and Statistics, University of Helsinki  
 2009—2013 Head of the Max Planck Research Group “Life-course Dynamics and Demographic Change”, MPIDR. Position W2 (Associate Professor)

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### EDUCATION

2009 PhD in Demography, University of Pennsylvania, USA  
 Dissertation: Essays on Mortality and the Life Course  
 Dissertation committee: Samuel Preston, Virginia Chang, Irma Elo  
 2007 PhD in Statistics, University of Helsinki, Finland  
 Dissertation: Generalized Regression Estimation for Domain Class Frequencies  
 Dissertation supervisor: Risto Lehtonen  
 2005 MSocSc in Economics, University of Helsinki, Finland  
 2005 MSc in Statistics, University of Jyväskylä, Finland  
 2003 Guest Student, Faculty of Mechanics and Mathematics, Moscow State University

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**PUBLICATIONS****Peer reviewed articles**

**2025** Parental Separation and Children's Education—Changes Over Time?

S Kailaheimo-Lönnqvist, M Jalovaara, M Myrskylä

*European Journal of Population*, 41,5 (2025)

Unequal weathering: how immigrants' health advantage vanishes over the life course

S Loi, P Li, M Myrskylä

*Journal of Migration and Health*, Vol. 11 (2025)

Industry-specific Labour Demand, Post-prison Employment and Recidivism—Evidence from Finland

R Laine, M Aaltonen, P Martikainen, M Myrskylä

*Journal of Quantitative Criminology* (2025)

Selective re-partnering? Mental health and life satisfaction among separated single mothers in Germany and the UK

P Dierker, M Kühn, M Myrskylä

*Acta Sociologica* (2025)

Re-partnering and single mothers' mental health and life satisfaction trajectories

P Dierker, M Kühn, M Myrskylä

*Journal of Marriage and Family*, 87(1), 157-181 (2025)

Maternal Morbidity and Medically Assisted Reproduction Treatment Types

A Pelikh, KR Smith, M Myrskylä, MP Debbink, A Goisis

*Obstetrics & Gynecology*, 145(2):220-230 (2025)

Environmental exposures and fecundability: The Norwegian Mother, Father, and Child Cohort study

T Grindstad, SE Håberg, O Basso, HI Hanevik, IH Caspersen, LA Arge, CH Ramlau-Hansen, M Myrskylä, MC Magnus

*International Journal of Hygiene and Environmental Health* 263, 114492 (2025)

**2024** Educational Differences in Fertility Among Female Same-Sex Couples in Finland

M Ponkilainen, E Einiö, M Pietiläinen, M Myrskylä

*Demography*, 11687583 (2024)

Revisiting the J-shape: human development and fertility in the United States

HA Schubert, C Dudel, M Kolobova, M Myrskylä

*Demography*, 11680156 (2024)

Gendered Parenthood-Employment Gaps from Midlife: A Demographic Perspective Across Three Different Welfare Systems

A Lorenti, J Nisén, L Mencarini, M Myrskylä

*European Journal of Population* 40 (1), 16 (2024)

Own depression, partner's depression, and childlessness: A nationwide register-based study

S Kailaheimo-Lönnqvist, H Moustgaard, P Martikainen, M Myrskylä  
*Social Science & Medicine* 361, 117356 (2024)

Sociohistorical context and post-prison life course

R Laine, M Aaltonen, M Myrskylä, P Martikainen  
*Journal of Criminal Justice* 95, 102312 (2024)

Pervasive Stagnation: Flat and Rising Cardiovascular Disease Mortality Post-2010 Across US States and Counties

L Abrams, N Brower, M Myrskylä, N Mehta  
*American Journal of Epidemiology*, kwae414 (2024)

Epigenetic aging and fecundability: the Norwegian Mother, Father and Child Cohort Study

LA Arge, Y Lee, KH Skåra, M Myrskylä, CH Ramlau-Hansen, SE Håberg, MC Magnus  
*Human Reproduction*, 39(12), 2806-2815 (2024)

Sibling relatedness and pubertal development in girls and boys: A population-based cohort study

K Andersen, KW Rothausen, SE Håberg, M Myrskylä, CH Ramlau-Hansen, A Gaml-Sørensen  
*Annals of Epidemiology* 98, 51-58 (2024)

Response to Carl Schmertmann Commentary—Drawing Cohort Profiles From Period Data: Improvements and Risks

AA van Raalte, U Basellini, CG Camarda, M Nepomuceno, M Myrskylä  
*Demography* 61 (4), 973-977 (2024)

Socio-behavioral factors contributing to recent mortality trends in the United States

S Preston, Y Vierboom, M Myrskylä  
*Demographic Research* 51, 191-214 (2024)

Projection of US adult obesity trends based on individual BMI trajectories

N Todd, M Myrskylä  
*Demographic Research* 51, 425-458 (2024)

Reply to Timonin and Cooley: Varied effects of counterfactuals in 42 countries underscore value of within-country counterfactual

LR Abrams, M Myrskylä, NK Mehta  
*Proceedings of the National Academy of Sciences* 121 (24), e2407918121 (2024)

Genetic propensity to depression and the role of partnership status

M Gueltzow, H Lahtinen, MJ Bijlsma, M Myrskylä, P Martikainen  
*Social Science & Medicine* 351, 116992 (2024)

At the Intersection of Adverse Life Course Pathways: The Effects on Health by Migration Status

S Loi, P Li, M Myrskylä  
*Demography* 61 (3), 665-686 (2024)

Inequalities in disability-free and disabling multimorbid life expectancy in Costa Rica, Mexico, and the United States

A Lam, K Keenan, G Cézard, H Kulu, M Myrskylä  
*The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*, 79(8) (2024)

Multimorbid life expectancy across race, socioeconomic status, and gender in South Africa

A Lam, K Keenan, M Myrskylä, H Kulu  
*Population Studies*, 1-26 (2024)

Educational tracking and the polygenic prediction of education

H Lahtinen, P Martikainen, K Korhonen, T Morris, M Myrskylä  
*Sociological Science* 11, 186-213 (2024)

Educational field, economic uncertainty, and fertility decline in Finland in 2010–2019

J Hellstrand, J Nisén, M Myrskylä  
*European Sociological Review*, 40(5), 754-771 (2024)

Reply to Polizzi and Dowd: Within-country counterfactual reveals importance of retirement age mortality in addition to established concern about working ages

LR Abrams, M Myrskylä, NK Mehta  
*Proceedings of the National Academy of Sciences* 121 (4), e2320028121 (2024)

Trends in Memory Function and Memory Impairment Among Older Adults in the United States and Europe

M Myrskylä, JM Hale, DC Schneider  
*The Journals of Gerontology, Series A: Biological Sciences and Medical Sciences*, 79, Issue Supplement\_1 (2024)

Maternal pre-pregnancy BMI and reproductive health in adult sons: a study in the Danish National Birth Cohort

A Gaml-Sørensen, A Hjorth Thomsen, S Sjøgaard Tøttenborg, N Brix, K Sørig Hougaard, G Toft, S Eldevik Håberg, M Myrskylä, JP Bonde, C Høst Ramlau-Hansen  
*Human Reproduction* 39 (1), 219-231 (2024)

DC Schneider, M Myrskylä, A van Raalte. "Flexible transition timing in discrete-time multistate life tables using Markov chains with rewards." *Population Studies* 78(3), 413-427 (2024)

**2023** S Sharma, JM Hale, M Myrskylä, H Kulu "Disparities in the population burden of joint cognitive and physical impairment in the US, 1998-2016", *Demography* 60 (5), 1441-1468

- AA van Raalte, U Basellini, CG Camarda, MR Nepomuceno, M Myrskylä “The dangers of drawing cohort profiles from period data: a research note” *Demography* 60 (6), 1689-1698 (2023)
- M Gueltzow, MJ Bijlsma, FJ van Lenthe, M Myrskylä “The role of labor market inequalities in explaining the gender gap in depression risk among older US adults” *Social Science & Medicine*, 332 (2023)
- A Gaml-Sørensen, AH Thomsen, SS Tøttenborg, N Brix, KS Hougaard, G Toft, SE Håberg, M Myrskylä, JP Bonde, CH Ramlau-Hansen “Maternal pre-pregnancy BMI and reproductive health in adult sons: a study in the Danish National Birth Cohort” *Human Reproduction* (2023)
- LR Abrams, M Myrskylä, NK Mehta “The “double jeopardy” of midlife and old age mortality trends in the United States” *Proceedings of the National Academy of Sciences*, 120 (42) (2023)
- C Dudel, E Loichinger, S Klüsener, H Sulak, M Myrskylä “The extension of late working life in Germany: trends, inequalities, and the East-West divide”, *Demography*, 60 (4), 1115-1137 (2023)
- H Pifarré i Arolas, E Acosta, C Dudel, JM Hale, M Myrskylä. "US Racial–Ethnic Mortality Gap Adjusted for Population Structure." *Epidemiology* (Cambridge, Mass.) 34, no. 3 (2023): 402.
- K Silventoinen, J Luukkonen, M Myrskylä et al. “Birth size, school performance and family social position: a study of 650,000 children.” *Pediatric Research* 94, 2105–2114 (2023)
- P Li, Y Hu, G Scelo, M Myrskylä, P Martikainen “Pre-existing psychological disorders, diabetes, and pancreatic cancer: A population-based study of 38,952 Finns” *Cancer Epidemiology* 82, 102307 (2023)
- N Campisis, H Kulu, J Mikolai, S Klüsener, M Myrskylä “A Spatial Perspective on the Unexpected Nordic Fertility Decline: The Relevance of Economic and Social Contexts” *Applied Spatial Analysis and Policy*, 16(1), 1-31 (2023)
- A Goisis, M Palma, N Metsä-Simola, R Klemetti, P Martikainen, M Myrskylä, A Pelikh, M Tosi, H Remes “Medically Assisted Reproduction and Mental Health: A 24-Year Longitudinal Analysis Using Finnish Register Data” *American Journal of Obstetrics & Gynecology*, 228 (3) (2023)
- S Sharma, J Mhairi Hale, M Myrskylä, H Kulu “Cognitive impairment and partnership status in the United States, 1998–2016, by sex, race/ethnicity, and education” *Population Studies*, 78 (1) (2023)
- S Aradhya, A Tegunimatata, Ø Kravdal, P Martikainen, M Myrskylä, K Barclay, A Goisis “Maternal age and the risk of low birthweight and pre-term delivery: a pan-Nordic comparison”, *International Journal of Epidemiology*, 52(1), 156-164 (2023)

E Batyra, T Leone, M Myrskylä “Forecasting of cohort fertility by educational level in countries with limited data availability: the case of Brazil” *Population Studies*, 77(2), 179-195 (2023)

A Baranowska-Rataj, K Barclay, J Costa-Font, M Myrskylä, B Özcan “Preterm births and educational disadvantage: heterogeneous effects” *Population Studies*, 77(3), 459-474 (2023)

**2022** J Hellstrand, J Nisén, M Myrskylä “Less Partnering, Less Children, or Both? Analysis of the Drivers of First Birth Decline in Finland Since 2010” *European Journal of Population*, 38, 191-221 (2022).

E Acosta, NK Mehta, M Myrskylä, M Ebeling “Cardiovascular mortality gap between the United States and other high life expectancy countries in 2000–2016” *Journals of Gerontology, Series B: Psychological Sciences and Social Sciences* 77: Suppl. 2, S148-S157 (2022).

M Gültzow, MJ Bijlsma, FJ van Lenthe, M Myrskylä “The contribution of health behaviors to depression risk across birth cohorts” *Epidemiology* 33:6, 880-889 (2022).

R Laine, M Myrskylä, T Kaskela, T Pitkänen “Imprisonment, community sanctions and mortality by cause of death among patients with substance use disorder – a 28-year follow-up using Finnish register data” *Drug and Alcohol Dependence* 232:109327, 1-9 (2022).

J Nisén, MJ Bijlsma, P Martikainen, B Wilson, M Myrskylä “The gendered impacts of delayed parenthood: a dynamic analysis of young adulthood” *Advances in Life Course Research* 53:100496, 1-16 (2022).

NK Mehta, M Myrskylä “An Introduction to the Supplemental Issue on Why Does Health in the US Continue to Lag Behind” *The Journals of Gerontology: Series B*, 77 (Issue Supplement\_2) (2022)

AF Castro Torres, E Batyra, M Myrskylä “Income inequality and increasing dispersion of the transition to first birth in the Global South”, *Population and Development Review*, 48:189-215 (2022)

A Pelikh, KR Smith, M Myrskylä, A Goisis “Medically Assisted Reproduction Treatment Types and Birth Outcomes: A Between-Family and Within-Family Analysis” *Obstetrics & Gynecology*, 139 (2), 211-222, 10.1097 (2022)

**2021** A Goisis, M Myrskylä “Well-being of children born after medically assisted reproduction” *Der Gynäkologe*, 54 (12), 917-921 (2021)

Pifarre i Arolas, H., Acosta, E., & Myrskylä, M “Optimal vaccination age varies across countries.” *Proceedings of the National Academy of Sciences*, 118(29), (2021)

- S Loi, J Pitkänen, H Moustgaard, M Myrskylä, P Martikainen “Health of immigrant children: the role of immigrant generation, exogamous family setting, and family material and social resources” *Demography*; 58(5), 1655-1685 (2021)
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- J Hellstrand, J Nisen, V Miranda, P Fallesen, L Dommermuth, M Myrskylä “Not just later, but fewer: novel trends in cohort fertility in the Nordic countries” *Demography*, 58(4), 1373-1399 (2021)
- JM Hale, DC Schneider, J Gampe, NK Mehta, M Myrskylä „Rejoinder to “The Prevalence of Cognitive Impairment Is Not Increasing in the United States: A Critique of Hale et al. (2020)” *Epidemiology* 32(5), 717-720 (2021)
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- Stelter, Robert; David de la Croix; Mikko Myrskylä “Leaders and Laggards in Life Expectancy among European Scholars from the Sixteenth to the Early Twentieth Century” *Demography* 58 (1), 111-135 (2021)
- Nisén, J.; Klüsener, S.; Dahlberg, J.; Dommermuth, L.; Jasilioniene, A.; Kreyenfeld, M.; Lappegård, T.; Li, P.; Martikainen, P.; Neels, K.; Riederer, B.; te Riele, S.; Szabó, L.; Trimarchi, A.; Viciano, F.; Wilson, B.; Myrskylä, M. “Educational differences in cohort fertility across sub-national regions in Europe” *European Journal of Population*, 37(1), 263–295 (2021).
- 2020** NK Mehta, LR Abrams, M Myrskylä “US life expectancy stalls due to cardiovascular disease, not drug deaths” *Proceedings of the National Academy of Sciences* 117 (13), 6998-7000 (2020)

Hale, Jo Mhairi; Daniel C. Schneider; Jutta Gampe; Neil K. Mehta; and Mikko Myrskylä "Trends in the Risk of Cognitive Impairment in the United States, 1996–2014" *Epidemiology*, 31 (5), 745 (2020)

Bohk-Ewald, Christina, Christian Dudel, and Mikko Myrskylä. "A demographic scaling model for estimating the total number of COVID-19 infections." *International journal of epidemiology* 49.6 (2020): 1963-1971.

JM Hale, DC Schneider, NK Mehta, M Myrskylä "Cognitive impairment in the US: Lifetime risk, age at onset, and years impaired" *SSM-Population Health* 11, 100577 (2020)

P Martikainen, I Elo, L Tarkiainen, J Mikkonen, M Myrskylä, H Moustgaard "The changing contribution of childhood social characteristics to mortality: a comparison of Finnish cohorts born in 1936–50 and 1961–75" *International Journal of Epidemiology* (2020), 49(3)

C Dudel, M Myrskylä "Estimating the number and length of episodes in disability using a Markov chain approach", *Population health metrics* 18 (1), 1-9 (2020)

Wood, Jonas; Klüsener, Sebastian; Neels, Karel; Myrskylä, Mikko: "Shifting Links in the Relationship between Education and Fertility. Subnational spatial insights from the Belgian case", *Population, Space and Place*, 26(8), e2342 (2020)

Yaoyue Hu, Taina Leinonen, Mikko Myrskylä, Pekka Martikainen. "Changes in Socioeconomic Differences in Hospital Days with Age: Cumulative Disadvantage, Age-as-Leveler, or Both?", *The Journals of Gerontology: Series B*, 75(6), 1336-1347 (2020)

C Dudel, M Myrskylä "Cohort Trends in Working Life Expectancies at Age 50 in the United States: A Register-Based Study Using Social Security Administration Data" *The Journals of Gerontology: Series B* (2020)

J Hellstrand, J Nisén, M Myrskylä "All-time low period fertility in Finland: Demographic drivers, tempo effects, and cohort implications" *Population Studies* (2020), 1-15

J Nisén, JIS Hellstrand, P Martikainen, M Myrskylä "Hedelmällisyys ja siihen vaikuttavat tekijät Suomessa lähivuosikymmeninä" *Yhteiskuntapolitiikka* (2020)

Campisi, Nicholas, Hill Kulu, Julia Mikolai, Sebastian Klüsener, and Mikko Myrskylä. "Spatial variation in fertility across Europe: Patterns and determinants." *Population, Space and Place*: e2308. (2020)

A Lorenti, C Dudel, JM Hale, M Myrskylä "Working and disability expectancies at old ages: the role of childhood circumstances and education" *Social Indicators Research* (2020), 91 (102447)

C Dudel, T Riffe, E Acosta, AA van Raalte, M Myrskylä "Monitoring trends and differences in COVID-19 case fatality rates using decomposition methods: Contributions of age structure and age-specific fatality" *PlosOne*, 15(9), e0238904 (2020)



A Barbuscia, P Martikainen, M Myrskylä, H Remes, E Somigliana, R Klemetti, A Goisis “Maternal age and risk of low birth weight and premature birth in children conceived through medically assisted reproduction. Evidence from Finnish population registers” *Human Reproduction*, 35 (1), 212-220 (2020)

**2019** M Myrskylä (2019). Maternal Age. In: Shackelford, T., Weekes-Shackelford, V. (eds) *Encyclopedia of Evolutionary Psychological Science*. Springer, Cham.  
[https://doi.org/10.1007/978-3-319-16999-6\\_777-1](https://doi.org/10.1007/978-3-319-16999-6_777-1)

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Lorenti, A., Dudel, C. & Myrskylä, M. “The legacy of the great recession in Italy: a wider geographical, gender, and generational gap in working life expectancy”, *Social Indicators Research* (2019), 142: 283. <https://doi.org/10.1007/s11205-018-1910-7>

Bijlsma, Maarten J., Wilson, Ben, Tarkiainen, Lasse, Myrskylä, Mikko, Martikainen, Pekka “The Impact of Unemployment on Antidepressant Purchasing: Adjusting for Unobserved Time-constant Confounding in the g-Formula” *Epidemiology* (2019), 30:3, 388-395. doi: 10.1097/EDE.0000000000000985

Mehta, Neil K., Zheng, Hui, Myrskylä, Mikko, “How do age and major risk factors for mortality interact over the life-course? Implications for health disparities research and public health policy”, *Social Science and Medicine – Population Health* 8 (2019), 100438. <https://doi.org/10.1016/j.ssmph.2019.100438>

Elina Einiö, Alice Goisis, Mikko Myrskylä, “Is the relationship between men's age at first birth and midlife health changing? Evidence from two British cohorts”, *Social Science and Medicine – Population Health* 8 (2019), 100458.  
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Alice Goisis, Hanna Remes, Pekka Martikainen, Reija Klemetti, Mikko Myrskylä. “Medically assisted reproduction and birth outcomes: a within-family analysis using Finnish population registers” *The Lancet*, January 14, 2019  
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M Myrskylä, K Barclay, A Goisis “Advantages of later motherhood” - *Der Gynäkologe* (2017), Vol. 50(10), 767-772

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- 2013** Elo, Irma T, Pekka Martikainen and Mikko Myrskylä. “Socioeconomic status across the life course and all-cause and cause-specific mortality in Finland.” *Social Science & Medicine* Vol.119, 198-206 (2013) (doi: 10.1016/j.socscimed.2013.11.037)

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Myrskylä, Mikko, Karri Silventoinen, Per Tynelius and Finn Rasmussen. ” Is Later Better or Worse? Association of Advanced Parental Age with Offspring Cognitive Ability Among Half a Million Young Swedish Men.” *American Journal of Epidemiology* (2013) 177 (7): 649-655, March 6, 2013 (doi: 10.1093/aje/kws237)

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Willführ, Kai and Mikko Myrskylä. “Phenotype-environment mismatch due to epigenetic inheritance? Programming the offspring’s epigenome and the consequences of migration” *American Journal of Human Biology*, 25, 318–328 (doi: 10.1002/ajhb.22362)

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- 2012** Myrskylä, Mikko and Andrew Felton. “Maternal Age and Offspring Adult Health: Evidence from the Health and Retirement Study.” *Demography* (2012), Volume 49, Issue 4, pp 1231-1257 (doi:10.1007/s13524-012-0132-x)
- Barthold, Julia, Mikko Myrskylä and Owen R. Jones. “Childlessness drives the sex difference in the association between income and reproductive success of modern Europeans.” *Evolution and Human Behavior* 33 (2012) 628–638 (doi: 10.1016/j.evolhumbehav.2012.03.003)
- 2011** Margolis, Rachel and Mikko Myrskylä. “A Global Perspective on Happiness and Fertility.” *Population and Development Review* 37:1, p. 29-56 (doi: 10.1111/j.1728-4457.2011.00389.x.)
- 2010** Myrskylä, Mikko. “The Relative Effects of Shocks in Early- and Later-Life Conditions on Mortality.” *Population and Development Review*, 36:4, p. 803–829 (doi: 10.1111/j.1728-4457.2010.00358.x)
- Myrskylä, Mikko. “The effects of shocks in early life mortality on later life expectancy and mortality compression: A cohort analysis.” *Demographic Research* 22: 289-320 (doi: 10.4054/DemRes.2010.22.12)
- 2009** Myrskylä, Mikko and Virginia W. Chang. “Weight Change, Initial BMI, and Mortality among Middle- and Older-Aged Adults.” *Epidemiology*, 20:6, 840-848 (doi: 10.1097/EDE.0b013e3181b5f520)
- Lynch, Julia and Mikko Myrskylä. “Always the Third Rail? Pension Income and Policy Preferences in European Democracies.” *Comparative Political Studies* 42:8, 1068-1097 (doi: 10.1177/0010414009331722)
- Myrskylä, Mikko, Hans-Peter Kohler and Francesco C. Billari. “Advances in development reverse fertility declines.” *Nature*, 460, 741-743 (6 August 2009; doi: 10.1038/nature08230)

## MONOGRAPHS

- 2009 Myrskylä, Mikko. “Essays on Mortality and the Life Course.” (monograph) PhD dissertation in Demography, University of Pennsylvania
- 2007 Myrskylä, Mikko. “Generalized regression estimation for domain class frequencies.” (monograph) Statistics Finland Research Reports 247, and PhD dissertation in Statistics, University of Helsinki

## EDITED VOLUMES

Guest editor for the *The Journals of Gerontology: Series B*, Supplemental Issue on Why Does Health in the US Continue to Lag Behind” (2022), together with Neil K. Mehta and Robert F. Schoeni

Guest editor for the *Population and Development Review* Supplement on Covid-19 and Family Formation Dynamics (forthcoming), together with Natalie Nitsche and Joshua Wilde

Guest editor of a *Social Science and Medicine* Special Issue “Pathways to Health”, together with the Tommy Bengtsson (Lund University) and Alain Gagnon (University of Montreal). This Special Issue is based on the IUSSP conference Pathways to Health that we organized in collaboration with the Institute for the Study of Societal Issues at the University of California, Berkeley, in May 1-2 2012.

#### **OTHER PUBLICATIONS (SELECTED)**

- 2017 Myrskylä, Mikko: „Bessere Aussichten für zarte Babys.“ *Demografische Forschung aus Erster Hand* 14:1, 4-4 (2017).
- 2013 Myrskylä, Mikko, Leinonen, Taina and Pekka Martikainen. “Life expectancy by labor force status and social class: Recent period and cohort trends and projections for Finland” Finnish Centre for Pensions Working Paper 02/2013
- 2011 Myrskylä, Mikko. ”Kyllä se siitä – iän myötä.” (in English: Parenthood gets better with age). *Tieto&Trendit* 1/2011, Statistics Finland
- 2010 R. Lehtonen, A. Veijanen, M. Myrskylä and M. Valaste: Challenges in small area estimation of poverty indicators. International Conference on Indicators and Survey Methodology Department of Statistics and Probability Theory Vienna University of Technology (February 8, 2010) February 24-26, 2010
- 2010 Myrskylä, Mikko: ”Elämme toistakymmentä vuotta elinajanodotetta pidempään.” (in English: We live more than ten years longer than expected). *Tieto&Trendit* 1/2010, Statistics Finland
- 2009 Risto Lehtonen, Mikko Myrskylä and Ari Veijanen. Preliminary results on bias and accuracy of estimators of selected Laeken indicators for domains and small areas. 3rd AMELI Workshop, 4-5 June 2009, Olten, Switzerland
- 2007 Lehtonen, Risto, Mikko Myrskylä, Carl-Erik Särndal, and Ari Veijanen. “Estimation for Domains and Small Areas Under Unequal Probability Sampling.” Invited paper, the SAE2007 Conference, Pisa, September 2007. CD-ROM
- 2006 Myrskylä, Mikko. “Calibration vs. model-assisted estimation in unemployment estimation.” (in Finnish). *Yearbook of the Finnish Statistical Society 2005*, Helsinki University Press
- 2006 Lehtonen, Risto, Mikko Myrskylä, Carl-Erik Särndal, and Ari Veijanen. “Model-assisted and model-dependent estimation for domains and small areas under unequal probability sampling.” Proceedings of the 9<sup>th</sup> International Vilnius Conference on Probability Theory and Mathematical Statistics. June 25-30, 2006, Vilnius, Lithuania



- 2005 Myrskylä, Mikko. “When is logistic GREG more accurate than linear GREG?” Proceedings of the 9<sup>th</sup> Workshop on Survey Sampling Theory and Methodology, Vilnius, Lithuania.
- 2005 Myrskylä, Mikko. “Model-assisted estimation of employment, unemployment and unemployment rate.” (in Finnish) Master’s thesis in economics, University of Helsinki
- 2004 Myrskylä, Mikko. “Estimation of class frequencies with micro level auxiliary information.” Master’s thesis in statistics, University of Jyväskylä
- 2002 Myrskylä, Mikko in collaboration with a large working group: “Follow-up report on the National Programme on Ageing Workers for the year 2002” Working Group Memorandums of the Ministry of Social Affairs and Health 2002:15
- 2001 Myrskylä, Mikko in collaboration with a large working group: “Follow-up report on the National Programme on Workers for the year 2001” Working Group Memorandums of the Ministry of Social Affairs and Health 2001:17
- 2000 Myrskylä, Mikko in collaboration with a large working group: “Older workers in the labour market and outside” Working Group Memorandums of the Ministry of Social Affairs and Health 2000:15
- 2000 Sihto, Matti and Mikko Myrskylä. “Different kinds of unemployed in different kinds of statistics.” (in Finnish) Kansantaloudellinen aikakauskirja 4/2000.
- 1999 Myrskylä, Mikko in collaboration with a large working group: “Evaluation Report on the National Programme on Ageing Workers for the year 1998” Ministry of Labor Research Reports 229.
- 1999 Sihto, Matti and Mikko Myrskylä. “Two ways to measure employment.” (in Finnish) Hyvinvointikatsaus 3/1999

## FELLOWSHIPS AND GRANTS

- 2023 – 2029 corresponding PI, European Research Council Synergy Grant  
Project: BIOSFER with PIs Siri Eldevik Håberg (NIPH) and Cecilia Ramlau-Hansen (Aarhus University)  
Amount: 14M EUR
- 2023 - 2028 Director, Max Planck-University of Helsinki Center for Social Inequalities in Population Health, with Pekka Martikainen, joint director, University of Helsinki  
Amount: from Max Planck Society 1.67M EUR; from the University of Helsinki 0.5M EUR; from Jane and Aatos Erkko Foundation 2.0M EUR; from the cities of Helsinki, Vantaa, and Espoo 0.5M Eur.
- 2023 – 2027 Co-Investigator, NIH R&D grant, with Neil Mehta, University of Texas (Medical Branch), USA

- Project: Identifying the Causes of the Stagnation in National U.S. Cardiovascular Disease Mortality  
Amount: 207,000 USD
- 2021 – 2027 Deputy consortium director, Strategic Research Council (SRC) established within the Academy of Finland  
Project: Family Formation in Flux – Causes, Consequences and Possible Futures  
Amount: 3.8M EUR
- 2019 Spokesperson, International Max Planck Research School on Population, Health, and Data Science. Initial funding for 6 years for a joint doctoral training program with a network of universities.  
Amount: annual budget of 400,000 EUR
- 2017 – 2020 PI, Kone Foundation; with Torsten Santavirta (co-PI; Universities of Uppsala and Helsinki)  
Project: Intergenerational effects of the 1918 Finnish Civil War  
Amount: 282,000 EUR
- 2014 – 2019 PI, European Research Council Starting Grant  
Project: Costs and Gains to Postponement: How Changes in the Age of Parenthood Influence the Well-being of Children, the Parents, and Populations  
Amount: 1,305,600 EUR
- 2015 – 2016 Co-PI, NIH R24 Network Pilot Grant, with Neil Mehta, Emory University, USA  
Project: Contribution of Health Behaviours to International and Educational Differences in Female Health Expectancies  
Amount: 13,500 USD
- 2013 – 2018 PI, Swedish Knut and Alice Wallenberg Foundation Fellowship to study the causes and consequences of low and late fertility at the Stockholm University, 7,500,000 SEK (approximately 850,000 EUR) (Declined)
- 2009 – 2013 PI, Max Planck Society Independent Research Group “Life Course Dynamics and Demographic Change” at the Max Planck Institute for Demographic Research in Rostock, Germany  
Amount: 1,4m EUR

## **PHD AWARDS**

- 2008 Teece Dissertation research fellowship for a study visit to Germany
- 2006, 2007 Barbara and Edward Netter scholarship for PhD studies
- 2006-2008 Ella and Georg Ehrnrooth Foundation Grant for PhD studies
- 2006-2008 Finnish Cultural Foundation Grant for PhD studies
- 2006 Fulbright graduate grant for PhD studies

- 2006 League of Finnish-American Societies' scholarship for PhD studies
- 2005 Finnish School of Statistical Information, Inference, and Data Analysis research grant for Statistics PhD

## AWARDS

- 2020 The Finnish Demographic Society honorary prize – Demography Advocate of 2020 on basis of his contributions to advancing the field of demographic research
- 2015 The Finnish Academy of Science and Letters Jutikkala Prize for internationally recognized contributions in the humanistic sciences
- 2006 University of Helsinki Faculty of Social Sciences award for the best economics MA thesis in 2005
- 2005 Yrjö Jahnsson Foundation award for an outstanding economics MA thesis
- 2005 Finnish Statistical Society's Leo Törnqvist award for the most outstanding Finnish MA thesis in statistics in 2004. Grade for the thesis: Laudatur.
- 2005 University of Jyväskylä Faculty of Mathematics and Statistics award for the best statistics MA thesis in 2004. Grade for the thesis: Laudatur.

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## PROFESSIONAL ACTIVITIES

Publisher of the journal *Demographic Research* (2018-); Associate Editor of the journal *Population Studies* (2013-2022); Chair of the International Union for the Scientific Study of Population Research Panel Pathways to Health (2011-2016); Organizer or Co-Organizer of several international seminars, including Pathways to Health and Well-Being Seminar in Berkeley, CA (2012), the Alpine Population Conference in La Thuile, Italy (2013), Pathways to Health and Well-Being Seminar in Lund, Sweden (2014), COSTPOST Conference on the Postponement of Parenthood (2018)

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## SELECTED MEDIA COVERAGE

Pifarre i Arolas, H., Acosta, E., López-Casasnovas, G., Lo, A., Nicodemo, C., Riffe, T., & Myrskylä, M. "Years of life lost to COVID-19 in 81 countries." *Scientific reports*, 11(1), 1-6 (2021)

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Bohk-Ewald, Christina, Christian Dudel, and Mikko Myrskylä. "A demographic scaling model for estimating the total number of COVID-19 infections." *International journal of epidemiology* 49.6 (2020): 1963-1971.

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NK Mehta, LR Abrams, M Myrskylä "US life expectancy stalls due to cardiovascular disease, not drug deaths" *Proceedings of the National Academy of Sciences* 117 (13), 6998-7000 (2020)

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Alice Goisis, Hanna Remes, Pekka Martikainen, Reija Klemetti, Mikko Myrskylä. "Medically assisted reproduction and birth outcomes: a within-family analysis using Finnish population registers" *The Lancet* (2019).

Bild der Wissenschaft | Jan 21, 2020; Ärzteblatt.de | January 15, 2019; nano (3sat) | February 22, 2019

Fox, J. F.; Klüsener, S.; Myrskylä, M. "Is a positive relationship between fertility and economic development emerging at the sub-national regional level? Theoretical considerations and evidence from Europe", *European Journal of Population* (2018).

Spiegel Online | May 22, 2018; Frankfurter Allgemeine Zeitung | 17 August 2018

Neil K. Mehta and Mikko Myrskylä. "The Population Health Benefits Of A Healthy Lifestyle: Life Expectancy Increased And Onset Of Disability Delayed" *Health Affairs* 36:8 (2017)

Süddeutsche | July 20, 2017; Frankfurter Allgemeine Zeitung | July 20, 2017; New York Magazine/The Cut | July 21, 2017; Daily Mail online | July 21, 2017; Berliner Zeitung.de | July 21, 2017; Time | July 25, 2017; Frankfurter Allgemeine Zeitung | August 02, 2017

Goisis, Alice, Schneider, Daniel C. and Mikko Myrskylä. "The Reversing Association between Advanced Maternal Age and Child Cognitive Ability: Evidence from Three UK Birth Cohorts." *International Journal of Epidemiology* (2017) Feb 8.

New York Times | Apr 3, 2017; Herald (Glasgow) | Feb 14, 2017; derStandard.at | Feb 15, 2017; The Independent | Feb 15, 2017

Alice Goisis, Hanna Remes, Pekka Martikainen, Kieron Barclay and Mikko Myrskylä; "Advanced Maternal Age and the Risk of Low Birth Weight and Preterm Delivery: a Within-Family Analysis Using Finnish Population Registers" *American Journal of Epidemiology* 186:11 (2017)

Tagesspiegel Online | June 14, 2017; Berliner Morgenpost | October 28, 2017; Hamburger Abendblatt | October 30, 2017

Tobias Vogt, Alyson A. van Raalte, Pavel Grigoriev and M. Myrskylä. "The German East-West Mortality Difference: Two Cross-Overs Driven by Smoking" *Demography* 54:3 (2017)

Fr.de (Frankfurter Rundschau) | July 6, 2022; Welt online | May 10, 2017; Süddeutsche Zeitung | May 11, 2017; Norddeutsche Neueste Nachrichten | May 11, 2017; Ostsee-Zeitung | May 11, 2017;

Alice Goisis, Berkan Özcan, Mikko Myrskylä. "Decline in the negative association between low birth weight and cognitive ability" *Proceedings of the National Academy of Sciences* 114:1 (2017)

Welt online | April 12, 2017; Zeit online | April 12, 2017

Kieron Barclay, Martin Hällsten, Mikko Myrskylä: "Birth order and college major in Sweden.", *Social Forces* 96:2 (2017)

Welt.de | Dec 7, 2020; Frankfurter Allgemeine Sonntagszeitung | October 17, 2021; Neue Zürcher Zeitung | November 14, 2017; Zeit online | November 14, 2017; derStandard.at | November 15, 2017; Welt | November 17, 2017; Frankfurter Allgemeine Zeitung | November 18, 2017

Kieron Barclay and Mikko Myrskylä. "Advanced Maternal Age and Offspring Outcomes: Causal Effects and Countervailing Period Trends" *Pop. and Dev. Review*, 42:1 (2016)

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The Economist | Jul 25, 2015, Sep 10, 2013; Die Zeit | Mar 21, 2013; Frankfurter Allgemeine Zeitung | Mar 22, 2013; The Japan Times | Jan 23, 2015

Myrskylä, Mikko and Rembrandt D. Scholz. (2013) “Reversing East-West mortality difference among German women, and the role of smoking” *International Journal of Epidemiology* (2013) 42 (2):549-558.

Die Welt | Jul 09, 2013; Der Spiegel | Apr 15, 2013; Handelsblatt | Jul 10, 2013

Myrskylä, Mikko and Andrew Fenelon. “Maternal Age and Offspring Adult Health: Evidence from the Health and Retirement Study.” *Demography* 49:4 (2012)

Die Welt | Apr 20, 2015, Oct 8, 2012; Welt online | Apr 20, 2015, Apr 19, 2015; Psychology Today | Sep 6, 2012; Süddeutsche Zeitung, Oct 20, 2012; Berliner Morgenpost, Oct 09, 2012; Psychology Today, Sep 6., 2012; Fox News | Sep 7, 2012; The Daily Mail | Sep 7, 2012

Margolis, Rachel, and Mikko Myrskylä. "A Global Perspective on Happiness and Fertility." *Population and Development Review*, doi: 10.1111/j.1728-4457.2011.00389.x.

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