

# Astri Syse, Statistics Norway

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## Current position

2013- Senior Researcher at Statistics Norway. Currently responsible for the national population projections  
May 2016: Professor competency

Research topics: Projections, migration, family demographics, health, ageing and geospatial analyses

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## Educational background

2009 PhD, Faculty of Medicine, University of Oslo  
2007-2009 Semester studies in sociology/demography, University of Oslo (A)  
1997-2001 MSc in Education, Faculty of Education, University of Oslo (2.1)  
1992-1996 BSc in Physical Therapy, University of Vermont (magna cum laud)

## General work experience

2017 Visiting Professor at MPRC, University of Maryland  
2011-2013 Senior Researcher at Norwegian Social Research (NOVA)  
2010-2011 Fulbright Visiting Professor, Dartmouth College, NH (research and teaching)  
2009-2012 Postdoctoral research fellow, Norwegian Research Council/Cancer Registry of Norway  
2008-2009 PI of 'Employment and cancer study', financed by the Norwegian Cancer Society  
2005-2008 Doctoral research fellow, Norwegian Cancer Society/Cancer Registry of Norway

## Other research-related activities

2020 Appointed member of Commission on future demography in rural settings ('Demografiutvalget')  
2016- Technical expert, Comm. on Population and Development, United Nations (sessions 49, 52 & 54)  
2015- Co-supervisor of postdoctoral researcher (Rostoft), Oslo University Hospital  
2015- Member of Advisory Boards, Dutch projects on the projection of risk factors and population change  
2015- Member of Advisory Board, Swedish national population projections  
2011- Member of evaluative committees of various funding applications, HiOA/OsloMet  
2015-2019 Member of National Advisory Committee on Social Inequality in Health  
2014-2018 Member of Advisory Board, NOVA project on 'Explaining social health inequalities in later life'  
2017 Main supervisor of master student, Department of Sociology, University of Oslo  
2014-2017 Co-supervisor of PhD students (Gunnes and Ghaderi), Faculty of Medicine, University of Bergen  
2014-2016 Vice President, Norwegian Demographic Society  
2011-2016 Member of FoU committee, Faculty of Health, HiOA/OsloMet  
2011 Norwegian Epidemiology Society's 'Article of the Year Award'

## Scientific papers in peer-reviewed journals

1. Gleditch et al. Fertility projections in a European context: A survey of current practices among statistical agencies. *J Official Statistics*, in press.
2. Tønnessen, Syse. [Growing numbers of older immigrants in Norway's future labour force][In Norw.]. *Søkelys på Arbeidslivet* 2021 **38**(1):4-22.
3. Artamonova, Syse. Do older parents' assistance needs deter parent-child geographic divergence in Norway? *Health & Place* 2021 **70**:102599. DOI:10.1016/j.healthplace.2021.102599.
4. Arntzen et al. 29 recommendations to combat social inequalities in health. The Norwegian Council on Social Inequalities in Health. *Scand J Publ Health* 2019 **47**(6):598-605.
5. Syse et al. Short-term survival after colorectal cancer in a screened vs an unscreened population. *Scand J Publ Health* 2019 **47**(5):528-37.
6. Rogne, Syse. The effect of retirement on mortality. Quasi-experimental evidence from Norway. *Eur Soc Review* 2018 **34**(5):501-17.
7. Syse et al. Immigrant mortality differences in Norway by reason for migration, length of stay and characteristics of sending countries. *BMC Publ Health* 2018 **18**(1):508.
8. Gautun, Syse. Earlier hospital discharge – a challenge for municipalities. *Nordic J Social Res* 2017 **8**:1-17.

9. Gunnes et al. Suicide and violent deaths in survivors of cancer in childhood, adolescence and young adulthood. *Int J Cancer* 2017 **140**(3):575-80.
10. Syse et al. Changes in health and health behavior associated with retirement. *J Aging Health* 2017 **29**(1):199-217.
11. Syse, Lyngstad. In sickness and in health: Marital partners' role in cancer survival. *SSM Pop Health* 2017 **3**:99-110.
12. Gunnes et al. Economic independence in survivors of cancer diagnosed at a young age: A Norwegian national cohort study. *Cancer* 2016 **122**(24):3873-82.
13. Jakobsson et al. Gender bias in public long-term care? A survey experiment among care managers. *J Econ Beh Org* 2016 **131**(B):126-38.
14. Gunnes et al. Reproduction and marriage among male survivors of cancer in childhood, adolescence and young adulthood. *British J Cancer* 2016 **114**(3):348-56.
15. Syse et al. Differences in All-Cause Mortality between immigrants and the host population in Norway. *Demographic Research* 2016 **34**(22):615-56.
16. Tønnessen et al. Childhood residential mobility and adult outcomes. *Acta Sociol* 2016 **59**(2):113-29.
17. Ghaderi et al. Educational attainment among long-term survivors of cancer in childhood and adolescence. *J Cancer Surviv* 2016 **10**(1):87-95.
18. Solem et al. To leave or not to leave: retirement intentions and retirement behaviour. *Ageing and Society* 2016 **32**(2):259-81.
19. Furunes et al. Late Career Decision-Making: A Qualitative Panel Study. *Work, Aging Retirement* 2015 **1**(3):284-95.
20. Syse et al. [Municipal variations in allocation of health and care services][In Norw.]. *Tidsskrift for Velferdsforskning* 2015 **18**(3):212-34.
21. Syse, Moshina. [More coordinated care with cancer coordinators?][In Norw.]. *Nordisk Tidsskrift for Helseforskning* 2015 **11**(1):49-65.
22. Robsahm et al. New malignancies after squamous cell carcinoma and melanomas: a population-based study from Norway. *BMC Cancer* 2014 **14**:210.
23. Fiva et al. Access to treatment and educational inequalities in cancer survival. *J Health Econ.* 2014 **36**:98-111.
24. Syse et al. Do spouses coordinate their work exits? *Res Aging* 2014 **36**(5):625-60.
25. Ghaderi et al. Increased uptake of social security benefits among long-term survivors of cancer in childhood, adolescence and young adulthood. *Br J Cancer* 2013 **108**(7):1525-33.
26. Syse et al. Cancer incidence, prevalence and survival in an aging population. *Norwegian J Epidemiol* 2012 **22**(2):109-20.
27. Veenstra, Syse. Health behavior changes and chronic health problems in late life. *Norwegian J Epidemiol* 2012 **22**(2):135-42.
28. Ghaderi et al. Cancer in childhood, adolescence, and young adults: a population-based study of changes in risk of cancer death during four decades. *Cancer Causes Ctrl* 2012 **23**(8):1297-305.
29. Syse et al. Children and young adults with parents with cancer. *Clin Epidemiol* 2012 **4**:41-52.
30. Syse, Tonnessen. Cancer's unequal impact on incomes in Norway. *Acta Oncol* 2012 **51**(4):480-9.
31. Syse et al. Is mortality after childhood cancer dependent on social or economic resources of parents? *Int J Cancer* 2012 **130**(8):1870-8.
32. Syse, Geller. A cross-cultural perspective on challenges facing comparative cancer survivorship research. *J Cancer Epidemiol* 2011 **11**:689025.
33. Kravdal, Syse. Changes over time in effect of marital status on cancer survival. *BMC Publ Health* 2011 **11**:804.
34. Syse et al. Does cancer in a child affect parents' employment and earnings? *Cancer Epidemiol* 2011 **35**(3):298-305.
35. Syse, Loge, Lyngstad. Does childhood cancer affect parental divorce rates? *J Clin Oncol* 2010 **28**(5):872-7.
36. Syse et al. The impact of cancer on spouses' labor earnings. *Cancer* 2009 **115**(18 Suppl):4350-61.
37. Syse, Aas. Marriage after cancer in older adulthood. *J Cancer Surviv* 2009 **3**(1):66-71.
38. Syse et al. Cancer's impact on employment and earnings. *J Cancer Surviv* 2008 **2**(3):149-58.
39. Syse. Does cancer affect marriage rates? *J Cancer Surviv* 2008 **2**(3):205-14.
40. Syse, Kravdal. Does cancer affect the divorce rate? *Demographic Research* 2007 **16**(15):469-92
41. Syse et al. Parenthood after cancer - a population-based study. *Psychooncology* 2007 **16**(10):920-7.
42. Wibe et al. Effect of hospital caseload on long-term outcome after standardization of rectal cancer surgery at a national level. *Br J Surgery* 2005 **92**(2):217-24.
43. Eriksen et al. Inadvertent perforation during rectal cancer resection. *Br J Surgery* 2004 **91**(2):210-6.
44. Wibe et al. Oncological outcomes after total mesorectal excision for cure for cancer of the lower rectum: anterior vs. abdominoperineal resection. *Dis Colon Rectum* 2004 **47**(1):48-58.
45. Wibe et al. Total mesorectal excision for rectal cancer *Colorect Dis* 2003 **5**(5):471-7.

## Other select publications last 5 years [in Norwegian]

1. Syse et al. Family composition and transitions into long-term care services among the elderly. DP 2021/954, Statistics Norway.
2. Wallace et al. The impact of the mortality of international migrants on estimates and comparisons of national life expectancy: A comparative study of four Nordic nations. *SRRD* 2021:20, Stockholm University. <https://www.suda.su.se/publications/publication-series>
3. Gleditsch et. al. The accuracy of Statistics Norway's national population projections. DP 2021/948, Statistics Norway.
4. Statistics Norway. [Economic view on the year 2020, chapter 5: Population]. Report 2021/1.
5. Syse. [The role of the State and pronatalist policies in family choices]. Editorial in *FAB* 2020 18(03-04):167-172. [https://www.idunn.no/file/pdf/67248605/statens\\_rolle\\_i\\_familiers\\_valg.pdf](https://www.idunn.no/file/pdf/67248605/statens_rolle_i_familiers_valg.pdf)
6. **Syse et al.** Norway's 2020 population projections. National level results, methods and assumptions. Reports 2020/25, Statistics Norway.
7. Gleditsch et al. [National population projections 2020. Models, assumptions and results]. Reports 2020/24, Statistics Norway.
8. Gleditsch, **Syse**. Ways to project fertility in Europe: Practices and outcomes. DP 2020/929, Statistics Norway.
9. Thomas et al. Technical documentation of the BEFINN model, g2020. Documents 2020/23, Statistics Norway
10. **Syse et al.** Does health influence fertility? DP 2020/921, Statistics Norway.
11. Andersen et al. [Fewer births and more elderly results in pronounced ageing]. *Statistical analyses* 2019/15, Statistics Norway.
12. Keilman et al. Mortality shifts and mortality compression. DP 2018/884, Statistics Norway.
1. **Syse et al.** Norway's 2018 Population Projections. Reports 2018/22, Statistics Norway.
2. Leknes et al. [Population projections 2018-2060]. Reports 2018/21, Statistics Norway.
13. Rogne, **Syse**. [Future elderly in urban and rural settings]. Reports 2017/32, Statistics Norway.
14. **Syse**, Dzamarija. [Mortality among immigrants by reason for migration]. *Econ analyses* 2016/5.
15. **Syse**. [Health selection in immigration to Norway?]. *Samfunnsspeilet* 3/2016.
16. Tønnessen et al. [Population projections 2016: Main results]. *Econ analyses* 2016/3.
17. **Syse et al.** [Population projections 2016: Fertility]. *Econ analyses* 2016/3.
18. **Syse et al.** [Population projections 2016: Mortality]. *Econ analyses* 2016/3.
19. Leknes et al. [Documentation of the BEFINN and BEFREG models 2016]. Documents 2016/14.
20. Hart et al. [Who chooses to have (more) children?] *Econ analyses* 2015/4.

## Short essays published online or in national newspapers [in Norwegian]

1. [The pandemic has resulted in more grey hair, literally]. Feature story, VG, March 14 2021.
2. [We need to experiment more in rural and regional policy work]. Feature story, VG, December 4 2020.
3. [Different societies, different epidemics]. [www.ssb.no](http://www.ssb.no), April 8 2020.
4. [Population changes prior to the Corona pandemic]. [www.forskning.no](http://www.forskning.no), March 25 2020.
5. [The largest cohorts in Norway]. [www.forskning.no](http://www.forskning.no), February 28 2020.
6. [News from the UN: Africa's population to become almost as large as Asia's]. *Aftenposten*, June 18 2019.
7. [Pronounced ageing in districts may result in increased inequality]. Feature story, VG, July 17 2018.
8. [Spousal resources matter for survival]. *Dagens Næringsliv*, January 7 2017.
9. [Strong ageing in Norway's rural areas]. *Bergens Tidende*, July 7 2016.
10. [4 future population trends: Growth, ageing, immigration and centralization]. VG, June 28 2016.
11. [Health and retirement]. *Dagens Næringsliv*, January 6 2016.
12. [Old cancer patients – future challenges]. *Dagbladet*, January 11 2013.
13. [Children of low resource parents die more frequently from cancer]. VG, May 29 2011.

## Other examples of media exposure

- National TV and radio feature stories (e.g. NRK, TV2) on recent demographic changes, the pandemic, ageing, rural policies etc.
- Several news stories on future ageing, old age health, retirement and life expectancy in national papers, 2016-2021
- Social media video on ageing: [www.facebook.com/statistisksentralbyra/videos/2274862192741478/](https://www.facebook.com/statistisksentralbyra/videos/2274862192741478/)
- Podcast about frequent movers: <http://journals.sagepub.com/doi/suppl/10.1177/0001699316628614>
- Interviews with international companies, e.g. the South China Post, Reuters, Associated Press etc.