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A summary of Special Collection 3:
**Contemporary Research on European
Fertility: Perspectives and Developments**

Gunnar Andersson
Gerda Neyer

This special collection is in honor of Jan M. Hoem on his 65th birthday. The authors presented their papers at a working party at the Max Planck Institute for Demographic Research in Rostock, Germany in April 2004. The collection is edited by Gunnar Andersson and Gerda Neyer, who prepared the collection as a surprise gift.

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A summary of

Special Collection 3:
Contemporary Research on European Fertility:
Perspectives and Developments

Gunnar Andersson¹

Gerda Neyer²

A summary

Special Collection 3: *Contemporary Research on European Fertility: Perspectives and Developments* was produced as a surprise in honor of Jan M. Hoem on his 65th birthday. The authors who have contributed to this special Volume presented their papers at a working party at the Max Planck Institute for Demographic Research in Rostock, April 2004.

Ten articles were submitted to the journal *Demographic Research* and went through peer review. They were published, along with an introduction, on 17 April 2004 as the journal's third "special collection" of material on a common topic. This short summary of the collection has been added to Volume 10 in order to include full details of the collection in the current running volume as well. The following pages list the contributions and give direct links where readers may download the material from the *Demographic Research* website. A full list of all papers is also available at: <http://www.demographic-research.org/special/3/>.

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Special Collection 3: Descriptions of contributions
*Contemporary Research on European Fertility:
Perspectives and Developments*

Article 1

Gerda Neyer

**Contemporary Research on European Fertility:
Introduction**

Gunnar Andersson

This paper introduces a collection of related studies on different aspects of research on European fertility and family dynamics. The authors who have contributed to this special Volume presented their papers at a working party at the Max Planck Institute for Demographic Research in Rostock, April 2004. This collection has been produced in honor of Jan M. Hoem for his 65th birthday. It provides an overview of important approaches to, and relevant topics of European fertility research, as well as a number of case studies researching European fertility. In this introduction, we first give a brief summary of the present state of arts in fertility research in Europe, and we then proceed with an overview of the articles of the Volume.

<http://www.demographic-research.org/special/3/1/>

Article 2

Francesco Billari

**Becoming an Adult in Europe: A
Macro(/Micro)-Demographic Perspective**

Extreme cases in demography are important challenges for researchers, and the still important heterogeneity of European societies is a blessing for scholars interested in studying the importance of cultural and institutional factors. In the transition to adulthood the "latest-late" pattern of Southern Europe cohabits with its opposite "earliest-early" pattern of the Nordic countries. In this paper, I discuss multifaceted approaches to the explanation of why becoming an "adult" in Europe appears so diverse. I use secondary data analyses and present cross-country correlations: welfare state and institutional arrangements, historical and deeply rooted cultural differences, as well as economic and policy factors, and ideational change. Moreover, micro-level determinants play different roles in different societies. Future research on the transition to adulthood in Europe needs to be multilevel, comparative and interdisciplinary, and to consider the potential implication of persistent differences in patterns.

<http://www.demographic-research.org/special/3/2/>

Article 3

Johan Surkyn

**Value Orientations and the Second
Demographic Transition (SDT) in Northern,
Western and Southern Europe: An Update**

Ron Lesthaeghe

The core issue in this article is the empirical tracing of the connection between a variety of value orientations and the life course choices concerning living arrangements and family formation. The existence of such a connection is a crucial element in the so-called theory of the Second Demographic Transition (SDT). The underlying model is of a recursive nature and based on two effects: firstly, values-based self-selection of individuals into alternative living

arrangement or household types, and secondly, event-based adaptation of values to the newly chosen household situation. Any testing of such a recursive model requires the use of panel data. Failing these, only “footprints” of the two effects can be derived and traced in cross-sectional data. Here, use is made of the latest round of the European Values Surveys of 1999-2000, mainly because no other source has such a large selection of value items. The comparison involves two Iberian countries, three western European ones, and two Scandinavian samples. The profiles of the value orientations are based on 80 items which cover a variety of dimensions (e.g. religiosity, ethics, civil morality, family values, social cohesion, expressive values, gender role orientations, trust in institutions, protest proneness and post-materialism, tolerance for minorities etc.). These are analysed according to eight different household positions based on the transitions to independent living, cohabitation and marriage, parenthood and union dissolution. Multiple Classification Analysis (MCA) is used to control for confounding effects of other relevant covariates (age, gender, education, economic activity and stratification, urbanity). Subsequently, Correspondence Analysis is used to picture the proximities between the 80 value items and the eight household positions. Very similar value profiles according to household position are found for the three sets of countries, despite the fact that the onset of the SDT in Scandinavia precedes that in the Iberian countries by roughly twenty years. Moreover, the profile similarity remains intact when the comparison is extended to an extra group of seven formerly communist countries in central and Eastern Europe. Such pattern robustness is supportive of the contention that the ideational or “cultural” factor is indeed a non-redundant and necessary (but not a sufficient) element in the explanation of the demographic changes of the SDT. Moreover, the profile similarity also points in the direction of the operation of comparable mechanisms of selection and adaptation in the contrasting European settings.

<http://www.demographic-research.org/special/3/3/>

Article 4

Caroline H. Bledsoe

**Reproduction at the Margins: Migration
and Legitimacy in the New Europe**

One of the most compelling demographic questions in contemporary Europe has been whether immigrant populations will bring their youthful age pyramids to help support Europe's subfertile, aging populations. But how do immigrants envision their own reproductive life trajectories across vast, ambiguous political boundaries whose seismic shifts can threaten their security? This paper reviews some recent literature from demography, anthropology, and the media as well as several case studies to suggest that for immigrant families at the political margins of Europe, especially those from developing countries, the most pressing fertility question is not numbers of children. It is instead the legitimacy that children may provide in their families' efforts to gain work, social security, and rights to settle. This implies that the reproductive practices adopted by immigrants in Europe may derive less from traditions in their home countries than from efforts to adapt to new rules of "belonging" in Europe. Indeed, what seem very striking in the light of conspicuously low and increasingly non-marital fertility in mainstream Western Europe are the increasing demands placed on immigrants to pursue legitimacy in their reproductive lives. The paper concludes that levels of fertility among immigrants are unlikely to assimilate to the national norms until people's status becomes more secure. Finally, just as we can no longer rest on conventional notions of reproductive practices in the developing world, it is increasingly impossible to draw general conclusions about fertility in Europe without keeping the developing world in view.

<http://www.demographic-research.org/special/3/4/>

Article 5

Elizabeth Thomson

**Step-families and Childbearing Desires
in Europe**

Increases in union stability and non-union childbearing during the latter half of the 20th century produced substantial increases in the prevalence of step-families. Research on step-family fertility in several European countries and the United States show that, net of a couple's combined number of children (hers, his and theirs), birth risks are elevated when the child is the couple's first or second. These patterns have been interpreted in terms of unique values of first and second shared children that overcome costs of rearing larger numbers of children in stepfamilies. Such inferences require that all births are wanted or that unwanted births are as likely for couples with as for those without stepchildren. Analyses of several European fertility and family surveys show that previously observed patterns of stepfamily childbearing are replicated in desires for another child, providing stronger support for motivational explanations of childbearing patterns in step-families.

<http://www.demographic-research.org/special/3/5/>

Article 6

Øystein Kravdal

**An Illustration of the Problems Caused
by Incomplete Education Histories in
Fertility Analyses**

When assessing the importance of education for fertility, one should ideally use complete education histories. Unfortunately, such data are often not available. It is illustrated here, using register data for Norwegian women born in 1969, that inclusion of educational level at the latest age observed (28), rather than at the current age, can give substantially biased education effect estimates. It is also illustrated that imputation of education for earlier ages may lead to wrong conclusions. A simple imputation of educational level and enrolment based on the assumption that everyone passes through the educational system with the officially stipulated progress gives particularly misleading results. Somewhat better estimates are obtained when a slower progress more in accordance with reality is assumed, or when educational level and enrolment are imputed stochastically on the basis of distributions calculated from real data. Obviously, one should be very careful when faced with incomplete education histories, and try to make use of relevant information from other sources about the actual educational careers.

<http://www.demographic-research.org/special/3/6/>

Article 7

Gunnar Andersson

**Childbearing Developments in Denmark,
Norway, and Sweden from the 1970s to
the 1990s: A Comparison**

The purpose of this paper is to provide a comparative overview of recent trends and patterns in childbearing in the three Scandinavian countries: Denmark, Norway, and Sweden. We use indexes produced by applying event-history techniques to register data of the three countries in order to describe and contrast fertility developments by birth order over the last three decades of the 20th century. By combining the same type of data from three countries, we get a very accurate picture of various cross-country differences in fertility levels. We can determine to what extent developments in one country are specific to that country, and to what extent they are part of a more general Nordic pattern of childbearing. We demonstrate how Swedish fertility has fluctuated relatively strongly during the whole period while Danish and Norwegian fertility have evolved more gradually. Nevertheless, trends in Norway and Sweden appear fairly synchronized. A turnaround from decreasing to increasing levels of childbearing is, for example, evident in 1977 in both Norway and Sweden. In Denmark, a similar turnaround occurs considerably later, in 1983. A shift to shorter birth intervals in Sweden during the 1980s is specific to that country and contributed to its stronger increase in fertility during that decade.

<http://www.demographic-research.org/special/3/7/>

Article 8

Andres Vikat

**Women's Labor Force Attachment
and Childbearing in Finland**

This paper analyzes the impact of women's economic activity, earnings and take-up of child home care allowance on childbearing, using a ten percent sample from a longitudinal register data set that covers the entire female population of reproductive age in Finland in 1988-2000. Results show that a woman's economic activity and income were positively correlated with entry into motherhood and to a lesser extent with having a second child. This supports the notion of a common pattern of this relationship in the Nordic countries. In the light of Finland's rollercoaster economic development in the 1990s, the effects of a change in female population composition by economic characteristics on the fertility trend were small.

<http://www.demographic-research.org/special/3/8/>

Article 9

Livia Sz. Oláh

**Becoming a Mother in Hungary and Poland
during State Socialism**

Ewa Fratzczak

In this paper, we study the transition to motherhood in the first co-residential union in the dual-earner context of state socialism, namely in Hungary and Poland between the late 1960s and the end of the 1980s. Our analyses are based on data extracted from the Polish and the Hungarian Fertility and Family Surveys of the early 1990s. We use the hazard regression method as our analytical tool. Our results for Hungary indicate that women's employment does not necessarily reduce the propensity to become a mother if the combination of labor-force participation and family life has been facilitated by policy measures. In Poland however, this was more difficult, and state support was somewhat less generous, thus part-time workers and housewives had substantially higher first-birth intensity than full-time employed women. Even so, we find indication for Poland, that as policy measures increasingly improved the conditions to combine employment and family responsibilities, the propensity to have the first child increased. The timing of first birth varied greatly across educational levels. Highly educated women were more likely to postpone the transition to motherhood, which in turn resulted in their overall lower propensity to have the first child in both countries, but less so in Hungary than in Poland.

<http://www.demographic-research.org/special/3/9/>

Article 10

Vladimíra Kantorová

**Education and Entry into Motherhood:
The Czech Republic during State Socialism
and the Transition Period (1970-1997)**

The Czech Republic presently shows one of the lowest total fertility rates (TFR) in Europe. A decline in period fertility followed the transition from a centrally planned economy to a market economy that started in 1990. In this study, we investigate women's transition to first births, focusing on the impact of female education. We make a distinction between the effects of education attainment and time elapsed since completion of education. There are two aspects to the role of education that influenced the delay of entry into motherhood in the 1990s. First, during early adulthood women spent more time in education than their contemporaries did in the era of state socialism. Second, women entered motherhood much later after completion of education than before, which contrasts with the previous pattern of a strong immediate effect the completion of studies had on first-birth risks. The decline in first-birth risks in the 1990s applies more so to women with a higher level of education than to those with a lower level. We argue that greater education differentiation of labor market opportunities and constraints brought about greater education differentiation in the timing of entry into motherhood.

<http://www.demographic-research.org/special/3/10/>

Article 11

Michaela Kreyenfeld

**Fertility Decisions in the FRG and GDR:
An Analysis with Data from the German
Fertility and Family Survey**

The aim of this paper is to compare family policies and fertility patterns in the former German Democratic Republic (GDR) and the German Federal Republic (FRG). Among other aspects, both societies particularly differed in the integration of women into the labor market. By contrasting the fertility development in these two societies, this paper aims to illuminate how women's education and employment relates to fertility decisions in societal contexts that support (in the case of the GDR) and hamper (in the case of the FRG) the compatibility between work and family life. Data for this analysis comes from the German Fertility and Family Survey (of the year 1992). We provide descriptive statistics for all birth parities, but we limit the multivariate event history analysis to first births only.

<http://www.demographic-research.org/special/3/11/>

