

Magali Barbieri

CONTACT INFORMATION

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EDUCATIONAL BACKGROUND

University of California, Berkeley, USA, 1986-1990
Ph.D., Demography, December 1989

Université Paris VII-Diderot, Paris, France, 1984-1986
DEA [Masters], Development Studies, June 1986

Université Paris I-Panthéon Sorbonne, Paris, France, 1985-1986
Diplôme de démographie générale [Graduate Degree in Demography], June 1986

Université Paris I-Panthéon Sorbonne, Paris, France, 1981-1984
Maîtrise [four-year undergraduate specialization], History, June 1984

Université Paris VII-Diderot, Paris, France, 1995-1998
Licence [three-year undergraduate specialization], Vietnamese Studies, June 1998

ACADEMIC AWARDS

University of California Regents Graduate fellowship, Department of Demography, University of California, Berkeley, 1988-1989.

Population Council dissertation fellowship, Department of Demography, University of California, Berkeley, 1989.

Young Visiting Scholar Fellowship, Population Institute, University of Indiana, 1990.

Rockefeller Post-doctoral fellowship, *Centre Français pour l'Etude de la Population et du Développement* (CEPED), Paris, France, 1991-1992.

Fullbright Visiting Scholarship, Department of Demography, University of California, Berkeley, 1998.

NATO research fellowship, Department of Demography, University of California, Berkeley, 1998-1999.

HISTORY OF EMPLOYMENT

The Population Council, New York, 1990
 Consultant, May-September 1990

The Population Division, United Nations, New York, 1990
 Consultant, February-April 1990

Institut de Recherche pour le Développement (IRD), Paris, France, 1990-1992
 Rockefeller Foundation Postdoctoral fellow, 1990-1992

Institut National d'Etudes Démographiques (INED), Paris, France, since 1992
 Chargée de recherche 2^{ème} classe, 1992-1997
 Chargée de recherche 1^{ère} classe, 1997-2018
 Directrice de recherche 2^{ème} classe, since 2018

Department of Demography, University of California, Berkeley, since 2006
 Associate Researcher, 2006-2014
 Full Researcher, since 2014

TEACHING EXPERIENCE

Institut de Démographie, Université de Paris 1-Panthéon Sorbonne, Paris, 1991-1998
 Lecturer, Undergraduate course, 42 hours/year

Ecole des Hautes Etudes en Sciences Sociales (EHESS), Paris, 1991-1993
 Lecturer, Graduate course, 28 hours/year

Université Paris X-Nanterre, Department of Sociology, Nanterre, 1995-1996 and 1997-1998
 Lecturer, Graduate seminar, 15 hours/year

Université Paris XII-Val de Marne, Créteil, 2004-2006
 Lecturer, Graduate course, 12 hours/year

Department of Demography, University of California, Berkeley, Fall 2010
 Faculty, Graduate course on Fertility (Demog 220), 42 hours

Department of Demography, University of California, Berkeley, Spring 2015
 Faculty, Graduate course on Mortality (Demog 230), 42 hours

European School of Demography, Rome, October 2015 and October 2016, Faculty, Post-graduate course on basic demographic techniques, 30 hours

Department of Demography, University of California, Berkeley, Formal Demography Workshop, one week intensive for young researchers, June of 2016-2020 (co-organization)

SELECTED PROFESSIONAL ACTIVITIES

Institut National d'Etudes Démographiques (INED), Paris, France

Editorial Board, Appointed member, 1992-2006

Hiring Committee and Review Board, Elected member, 1996-1998

'Population and Development' Research Division, Head, 2004-2008

Scientific Board, Elected member, 2005-2009

Department of Demography, University of California, Berkeley, since 2009

Human Mortality Database Coordinator

Department of Demography, University of California, Berkeley, since 2014

Associate Director of the Human Mortality Database (HMD, www.mortality.org)

Director of the United States Mortality DataBase (USMDB, usa.mortality.org)

Expert member of the Mortality and Longevity Steering Committee, at the Society of Actuaries (SOA), United States since September 2018

Reviewer for the journals *American Journal of Epidemiology*, *Biodemography and Social Biology*; *BMC Pediatrics*; *BMJ Open*; *Bulletin épidémiologique hebdomadaire*; *Cahiers Québécois de démographie*; *Culture, Agriculture, Food and Environment Journal*; *Demographic Research*; *Demography*; *Economie et Statistique*; *The European Journal of Population*; *The European Journal of Public Health*; *Genus*; *International Family Planning Perspectives*; *International Journal of Epidemiology*; *International Journal of Obesity*; *International Journal of Public Health*; *Journal of Affective Disorders*; *Journal of Population Research*; *Medicina*; *Modern Asian Studies*; *PNAS*; *Population*; *Population and Development Review*; *Population Studies*; *Revue d'épidémiologie et de santé publique*; *Revue Quételet*; *Studies in Family Planning*; *The Lancet-Global Health* and for the United States National Academy of Science.

TECHNICAL AND SCIENTIFIC COOPERATION

Consultant for an international project on the pediatric transmission of HIV-AIDS in Thailand, 1997-1998, Chiang Mai, Thailand, with funding from NIH (US), IRD (France) and INED (France).

Consultant for the UNFPA-Vietnam in a three year program involving multiple two-to-six week trips to Vietnam to strengthen quantitative research capabilities of four Vietnamese institutions: The Institute of Sociology in Hanoi, the Center for Population Studies at the Ministry of Labor, Invalid and Social Affairs in Hanoi, the National Institute for Urban and Rural Planning at the Ministry of Construction in Hanoi, and the Institute for Economic Research at the University of Ho Chi Minh City, 1993-1996.

Four-week course on the use of census data for social and economic planning taught to high-ranking officials in the Ministries of Health, Labor, Education and Social Affairs, Vientiane, Laos, 1994, program funded by the French Embassy in Laos.

Two-month intensive training in demography taught to professors in economics, sociology and statistics, National Economic University, Hanoi, Viêtnam, 1993, program funded by the UNFPA-Viêtnam.

Two-week course on the indirect estimation of demographic measures taught to African statisticians and demographers in a training workshop of the International Union for the Scientific Study of Population (IUSSP), 1992.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Population Association of America (PAA)
International Union for the Scientific Study of Population (IUSSP)

PUBLICATIONS

Books

- [1] Jean-Claude Chasteland, Jacques Véron and Magali Barbieri (Eds.). 1993. *Politiques de développement et croissance démographique rapide en Afrique*, Congrès et colloques n° 13, Paris: INED-PUF.
- [2] Magali Barbieri and Jacques Véron. 1996. "Le Monde", in Henri Leridon (Ed.), *Populations, l'Etat des connaissances. La France, l'Europe, le monde*. 207-299. Paris: Editions La Découverte.
- [3] Magali Barbieri and Danièle Bélanger (Eds.). 2009. *Reconfiguring Families in Contemporary Vietnam*, Stanford University Press, 444 p.

Peer-reviewed articles and chapters

- [4] Magali Barbieri, James Allman, Pham Bich San and Nguyễn Minh Thang, « La situation démographique du Viêtnam », *Population*, n°3, mai-juin 1995, 621-652 ; « Demographic Trends in Vietnam », *Population: An English Selection*, 8, 1996, 209-234.
- [5] Magali Barbieri, Alain Blum, Elena Dolgikh and Amon Ergashev, « Nuptiality, Fertility, Use of Contraception, and Family Policies in Uzbekistan », *Population Studies*, 50, 1996, 69-88.
- [6] Magali Barbieri, "La mortalité infantile en France", *Population*, 1998:4, 813-837.
- [7] Thomas LeGrand and Magali Barbieri, "The Possible Effects of Child Survival on Women's Ages at First Union and Childbirth in Sub-Saharan Africa", *European Journal of Population/Revue européenne de démographie*, 2002, vol.18(4): 361-386.
- [8] Magali Barbieri and Christine Catteau, "L'évolution de la mortalité infantile à la Réunion depuis cinquante ans", *Population*, Volume 58, 2003:2, 229-251.
- [9] Magali Barbieri and Véronique Hertrich, "Ecarts d'âge entre conjoints et pratique contraceptive en Afrique sub-saharienne", *Population*, Volume 60, 2005:5-6, 725-764 ; "Age

Difference between Spouses and Contraceptive Practice in Sub-Saharan Africa", *Population (english edition)*, 2005, 60(5-6): 617-654.

- [10] Magali Barbieri, "Toward a Policy Turnaround in Low Fertility Developing Countries?", in Graziella Caselli, Jacques Vallin and Guillaume Wunsch (sous la direction de), *Demography. Analysis and Synthesis. A Treatise in Population Studies*, Academic Press, 2006, Volume 4, Chapitre 103, 129-136 / "Vers un revirement des politiques dans les pays en développement à faible fécondité ?" in Graziella Caselli, Jacques Vallin et Guillaume Wunsch (sous la dir. de), *Démographie: Analyse et Synthèse*, Volume VII, Histoire des idées et politiques de population, Institut national d'études démographiques, 2006, Chapitre 103, 251-264, 920 p.
- [11] Magali Barbieri, "De l'utilité des statistiques démographiques de l'Indochine Française (1862-1954)", *Annales de démographie historique*, 2007, 1:85-126.
- [12] Laurent Toulemon and Magali Barbieri, "The mortality impact of the August 2003 heat wave in France: Investigating the 'harvesting' effect and other long-term consequences", *Population Studies*, 2008, 62(1): 39-53.
- [13] Danièle Bélanger and Magali Barbieri, Introduction: State, Families, and the Making of Transitions in Vietnam, in Magali Barbieri and Danièle Bélanger (Eds.), *Reconfiguring Families in Contemporary Vietnam*, Stanford University Press, 2009: 1-44.
- [14] Magali Barbieri, *Doi Moi* and Older Adults: Intergenerational Support under the Constraints of Reform, in Magali Barbieri and Danièle Bélanger (Eds.), *Reconfiguring Families in Contemporary Vietnam*, Stanford University Press, 2009: 133-165.
- [15] Magali Barbieri and Danièle Bélanger, Afterwords, in Magali Barbieri and Danièle Bélanger (Eds.), *Reconfiguring Families in Contemporary Vietnam*, Stanford University Press, 2009: 421-428.
- [16] Isabelle Attané and Magali Barbieri, 2009. La démographie de l'Asie de l'Est et du Sud-Est des années 1950 aux années 2000. Synthèse des changements et bilan statistique. *Population-F* 64(1), 7-154/The demography of East and Southeast Asia from the 1950s to the 2000s: a summary of changes and a statistical assessment. *Population-E* 64(1): 7-146.
- [17] Magali Barbieri, La mortalité des enfants au Togo. Estimation à partir des Enquêtes démographiques et de santé de 1988 et 1998, in Jacques Vallin (Ed.), *Du genre et de l'Afrique. Hommage à Thérèse Locoh*, Les éditions de l'INED, 2010, 35-52.
- [18] John R. Wilmoth, Carl Boe, and Magali Barbieri, Geographic Differences in Life Expectancy at Age 50 in the United States Compared with Other High-Income Countries, in National Academy of Sciences (Ed.), *Understanding Divergent Trends in Longevity in High-Income Countries*, 2011.
- [19] France Prioux, Magali Mazuy and Magali Barbieri. 2010. "L'évolution démographique récente en France : les adultes vivent moins souvent en couple", *Population-F* 65(3) : 421-474/ "Recent Demographic Developments in France: Fewer Adults Live with a Partner", *Population E* 65(3): 363-414.
- [20] Magali Mazuy, France Prioux and Magali Barbieri. 2011. "L'évolution démographique récente en France : Quelques différences entre les départements d'outre mer et la France métropolitaine", *Population F* 66(3-4): 503-554/"Recent Demographic Developments in France.

Some Differences between the Overseas Départements and Metropolitan France", *Population E* 66(3-4): 423-472.

- [21] Magali Barbieri, "Les maternités précoce aux États-Unis", *Travail, genre et sociétés* 2/2012 (28): 107-132, URL : www.cairn.info/revue-travail-genre-et-societes-2012-2-page-107.htm. DOI : 10.3917/tgs.028.0107..
- [22] Magali Barbieri and Nadine Ouellette. 2012. « La démographie des États-Unis et du Canada des années 1980 aux années 2000. Synthèse des changements et bilan statistique », *Population F* 67(2) : 221-328/ « The demography of Canada and the United States from the 1980s to the 2000s. A Summary of Changes and a Statistical Assessment », *Population (English Edition)* 67(2) : 177-280.
- [23] France Prioux and Magali Barbieri. 2012. « L'évolution démographique récente en France : Une mortalité relativement faible aux grands âges », *Population F* 67 (4) : 597-656/ « Recent Demographic Developments in France: Relatively Low Mortality at Advanced Ages », *Population E* 67(4) : 493-550.
- [24] Magali Mazuy, Magali Barbieri and Hippolyte d'Albis. 2013. « L'évolution démographique récente en France: la fécondité est stable », *Population-F* 68(3) : 385-432./Recent demographic developments in France: fertility remains stable, *Population-E* 68(3): 329-374.
- [25] Magali Barbieri. 2013. « La mortalité départementale en France », *Population-F* 68(3) : 433-479/Mortality in France by *département*, *Population-E* 68(3): 375-417.
- [26] Nadine Ouellette, Magali Barbieri and John R. Wilmoth. 2014. « Period-Based Mortality Change: Turning Points in Trends since 1950 », *Population and Development Review* 40(1): 77-106.
- [27] Magali Mazuy, Magali Barbieri and Hippolyte d'Albis. 2014. « L'évolution démographique récente en France: la diminution du nombre de mariages se poursuit », *Population-F* 69(3) : 313-363.
- [28] Magali Barbieri, John R. Wilmoth, Vladimir M. Shkolnikov, Dana Glei, Domantas Jasilionis, Dmitri Jdanov, Carl Boe, Timothy Riffe, Pavel Grigoriev, and Celeste Winant, 2015. Data Resource Profile: The Human Mortality Database (HMD), *International Journal of Epidemiology*: dyv105.
- [29] Magali Mazuy, Magali Barbieri, Didier Breton. 2015. « L'évolution démographique récente de la France et ses tendances depuis 70 ans », *Population-F* 70(3) : 417-486./"The Demographic Situation in France: Recent Developments and Trends over the Last 70 Years", *Population-E* 70(3): 417-436.
- [30] Magali Mazuy, Magali Barbieri, Didier Breton, Hippolyte d'Albis. 2016. « L'évolution démographique récente de la France: baisse de la fécondité, augmentation de la mortalité», *Population-F* 71(3) : 423-485./"Recent Demographic Developments in France : A Decline in Fertility, an Increase in Mortality", *Population-E* 71(3) : 395-453.
- [31] Magali Barbieri, Aline Désesquelles, Viviana Egidi, Elena Demuru, Luisa Frova, France Meslé, Marilena Pappagallo. 2017. « Obesity-related mortality in France, Italy and the United States: A comparison using multiple cause-of-death analysis », *International Journal of Public Health* 62(6): 623-629.

- [32] Monica Alexander, Emilio Zagheni, Magali Barbieri. 2017. « A Flexible Bayesian Model for Estimating Subnational Mortality », *Demography* 54(6): 2025-2041.
- [33] Didier Breton, Magali Barbieri, Hippolyte d'Albis, Magali Mazuy. 2017. « L'évolution démographique récente de la France: de forts contrastes départementaux», *Population-F* 72(4): 583-652 /"Recent Demographic Developments in France : Marked Differences between Départements", *Population-E* 72(4)
- [34] Monica Alexander, Mathew V. Kiang, Magali Barbieri. 2018. « Trends in Black and White Opioid Mortality in the United States, 1979-2015 », *Epidemiology*, 29(5): 707-715.
- [35] Didier Breton, Magali Barbieri, Hippolyte d'Albis and Magali Mazuy. 2018. « L'évolution démographique récente de la France. Naissances, décès, unions et migrations : à chacun sa saison », *Population-F* 73(4) : 623-692./ « Recent demographic developments in France: Seasonal patterns of births, deaths, unions, and migration », *Population-E* 73(4) : 591-658.
- [36] Magali Barbieri. 2019. « The contribution of drug-related deaths to the US disadvantage in mortality », *International Journal of Epidemiology*, 48(3): 945-953, doi: 10.1093/ije/dyy288.
- [37] Dana Glei, Magali Barbieri, Carolina Santamaría-Ulloa. 2019. « Costa-Rican mortality 1950-2013: An evaluation of data quality and trends compared with other countries », *Demographic Research* Volume 40, Issue 29: 835-864, Max Planck Institute for Demographic Research.
- [38] Didier Breton, Magali Barbieri, Nicolas Belliot, Hippolyte d'Albis and Magali Mazuy. 2019. « L'évolution démographique récente de la France. Une singularité en Europe ? », *Population-F* 74(4) : 409-497./ « Recent demographic developments in France: A European Outlier? », *Population-E* 74(4) : 381-463.
- [39] Dmitri Jdanov, Domantas Jasilionis, Vladimir Shkolnikov, Magali Barbieri. 2019. *The Human Mortality Database*, in D. Gu and M.E. Dupre (eds.), *Encyclopedia of Gerontology and Population Aging*, Springer, https://doi.org/10.1007/978-3-319-69892-2_1102-1.
- [40] Didier Breton, Magali Barbieri, Nicolas Belliot, Hippolyte d'Albis and Magali Mazuy. 2020. « L'évolution démographique récente de la France. Situations et comportements des mineurs », *Population-F* 75(4) : 465-526./ Recent demographic developments in France: a decline in fertility, an increase in mortality. *Population-E* 71(3):395-453.
- [41] Dana Glei, Andrés Bajaras-Paz, José Manuel Aburto, Magali Barbieri. 2021. Mexican mortality 1990-2016: Comparison of unadjusted and adjusted estimates. *Demographic Research*, 44(30): 719-758. doi: 10.4054/DemRes.2021.44.30.
- [42] Omer Gersten, Magali Barbieri. 2021. Evaluation of the Cancer Transition Theory in the US, Select European Nations, and Japan by Investigating Mortality of Infectious- and Noninfectious-Related Cancers, 1950-2018. *JAMA Network Open*, 4(4):e215322. doi: 10.1001/jamanetworkopen.2021.5322.
- [43] Jenny Garcia, Catalina Torres, Magali Barbieri, et al. 2021. Différences de mortalité par COVID-19: conséquence des imperfections et de la diversité des systèmes de collecte des données. *Population-F* 76(1): 37-76/Differences in COVID-19 mortality: Implications of imperfect and diverse data collection systems. *Population-E* 76(1): 35-72.

- [44] Magali Barbieri. 2021. Covid-19 and the growing disadvantage in US life expectancy. The pandemic has magnified pre-existing vulnerabilities in US society. *British Medical Journal*. Editorial. 373:n1530. <http://dx.doi.org/10.1136/bmj.n1530>
- [45] Dmitri A. Jdanov, Ainhoa Alustiza Galarza, Vladimir M. Shkolnikov, Domantas Jasilionis, Laszlo Németh, David A. Leon, Carl Boe and Magali Barbieri. 2021. The short-term mortality fluctuation data series. Monitoring mortality shocks across time and space. *Scientific data* 8(235), Nature journals, <https://doi.org/10.1038/S41597-021-01019-1>.
- [46] Elizabeth Wrigley-Field, Mathew V. Kiang, Alicia R. Riley, Magali Barbieri, Yea-Hung Chen, Kate A. Duchowny, Ellicott C. Matthay, David Van Riper, Kirrthana Jegathesan, Kirsten Bibbins-Domingo, and Jonathon P. Leider. 2021. Geographically-targeted COVID-19 vaccination is more equitable and averts more deaths than age-based thresholds alone. *Science Advances*, Science Family of Journals, (September 2021), doi: 10.1126/sciadv.abj2099
- [47] Inna Danilova, Roland Rau, Magali Barbieri, Pavel Grigoriev, Dmitri A. Jdanov, France Meslé, Jacques Vallin, and Vladimir M. Shkolnikov. 2021. Cohérence des données sur les causes de décès à l'échelle infranationale : les exemples de la Russie, de l'Allemagne, des États-Unis et de la France, *Population*, 2021/4 (Vol. 76), p. 693-725. Doi: 10.3917/popu.2104.0693. URL : <https://www.cairn.info/revue-population-2021-4-page-693.htm>; Subnational consistency of cause-of-death data: the cases of Russia, Germany, the United States, and France. *Population*, 2021/4 (Vol. 76), p. 645-674. Doi: 10.3917/popu.2104.0693. URL: <https://www.cairn-int.info/journal-population-2021-4-page-645.htm>
- [48] Didier Breton, Nicolas Belliot, Magali Barbieri, Hippolyte d'Albis, Magali Mazuy. 2021. L'évolution démographique récente de la France. Moins de naissances, de mariages et de migrations, plus de décès... la Covid-19 bouleverse la dynamique de la population française, *Population*, 2021/4 (Vol. 76), p. 577-638. DOI : 10.3917/popu.2104.0577. URL : <https://www.cairn.info/revue-population-2021-4-page-577.htm>; Recent Demographic Trends in France. The Disruptive Impact of COVID-19 on French Population Dynamics: Fewer Births and Marriages, a Downturn in Migration, More Deaths, *Population*, 2021/4 (Vol. 76), p. 537-594. DOI: 10.3917/popu.2104.0577. URL: <https://www.cairn-int.info/journal-population-2021-4-page-537.htm>
- [49] Denys Dukhovnov, Magali Barbieri, County-level socio-economic disparities in COVID-19 mortality in the USA, *International Journal of Epidemiology*, 2021, dyab267, <https://doi.org/10.1093/ije/dyab267>
- [50] Dmitri Jdanov, Ainhoa Galarza, Vladimir Shkolnikov, Domantas Jasilionis, Laszlo Németh, David Leon,... et Magali Barbieri. 2021. "The short-term mortality fluctuation data series, monitoring mortality shocks across time and space", *Scientific Data*, 8(1), 1-8.
- [51] Jenny Garcia, Catalina Torres, Magali Barbieri, *et al.* 2021. "Differences in COVID-19 mortality: Implications of imperfect and diverse data collection systems", *Population*, 76(1), 35-72. / "Différences de mortalité par Covid-19: conséquence des imperfections et de la diversité des systèmes de collecte des données", *Population*, 76(1), 37-76.
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[53] Arianna Caporali, Jenny Garcia, Etienne Couppié, Svitlana Poniakina, Magali Barbieri, *et al.* 2022. "The demography of COVID-19 deaths database, a gateway to well-documented international data", *Scientific Data*, 9(1), 1-9.

[54] Magali Barbieri. 2022. "Socioeconomic disparities do not explain the US international disadvantage in mortality", *The Journals of Gerontology: Series B* 77. Supplement 2 (2022): S158-S166

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[56] Didier Breton, Nicolas Belliot, Magali Barbieri, Hippolyte d'Albis, Magali Mazuy. 2022. "L'évolution démographique récente de la France. En région comme au niveau national, des comportements démographiques encore marqués par la Covid-19", *Population*, 2022/4 (Vol. 77), https://www.ined.fr/fichier/s_rubrique/33289/2022.conjoncture.demographique.fr.pdf.

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Dictionnary entries or Encyclopedia articles

[58] Magali Barbieri, 2001, "Infant and Child Mortality in the Less Developed World", in N.J. Smelser and Paul B. Baltes (Eds.), *2001 International Encyclopedia of the Social and Behavioral Sciences*, Pergamon, Oxford : 7404-7410, 3 200 words.

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[63] Magali Barbieri. 2011. Effet de calendrier. In F. Meslé, J. Véron and L. Toulemon. *Dictionnaire de démographie et des sciences de la population*, Paris, Armand Colin, 117.

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- [69] Magali Barbieri. 2011. Mortalité. In F. Meslé, J. Véron and L. Toulemon. *Dictionnaire de démographie et des sciences de la population*, Paris, Armand Colin, 291-293.
- [70] Magali Barbieri. 2011. Mortalité infantile. In F. Meslé, J. Véron and L. Toulemon. *Dictionnaire de démographie et des sciences de la population*, Paris, Armand Colin, 300-302.
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- [72] Magali Barbieri. 2011. Population Type. In F. Meslé, J. Véron and L. Toulemon. *Dictionnaire de démographie et des sciences de la population*, Paris, Armand Colin, 380.
- [73] Magali Barbieri. 2011. Somme des évènements réduits. In F. Meslé, J. Véron and L. Toulemon. *Dictionnaire de démographie et des sciences de la population*, Paris, Armand Colin, 444-445.
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- [76] Magali Barbieri. 2011. Taux de fécondité. In F. Meslé, J. Véron and L. Toulemon. *Dictionnaire de démographie et des sciences de la population*, Paris, Armand Colin, 470.
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