

Fertility General Exam

Topic 1: Demographic Textbooks on Fertility

1. Hinde, Andrew. 1998. *Demographic Methods*. Oxford University Press, USA.
 - a. Chapter 8 “The Measurement of Fertility”
 - b. Chapter 9 “Parity Progression”
 - c. Chapter 10 “The Determinates of Fertility”
 - d. Chapter 11 “Birth Interval Analysis”
2. Palmore, James A., and Robert W. Gardner. 1994. *Measuring Mortality, Fertility, and Natural Increase: A Self-Teaching Guide to Elementary Measures*. 5th ed. East-West Center.
 - a. Chapter 3 “Fertility, Natural Increase, and Reproductive Rates”
3. Poston, Dudley L., and Michael Micklin, eds. 2006. *Handbook of Population*. 1st ed. Springer.
 - a. Chapter 8 “Fertility”
4. Preston, Samuel, Patrick Heuveline, and Michel Guillot. 2000. *Demography: Measuring and Modeling Population Processes*. 1st ed. Wiley-Blackwell.
 - a. Chapter 5 “Fertility and Reproduction”
5. Wachter, Ken. 2009. *Essential Demographic Methods*. Berkeley, CA.
 - a. Chapter 4 “Cohort Fertility”
 - b. Chapter 6 “Period Fertility”
 - c. Chapter 11 “Fertility Limitations”

Topic 2: Models of Fertility

1. Coale, A. J., and D. R. McNeil. 1972. “The Distribution by Age of the Frequency of First Marriage in a Female Cohort.” *Journal of the American Statistical Association* 67(340):743-749. Retrieved October 4, 2011.
2. Coale, Ansley. 1977. “The Development of New Models of Nuptiality and Fertility.” *Population (French Edition)* 32:131-154. Retrieved October 4, 2011.
3. Coale, Ansley J., and T. James Trussell. 1974. “Model Fertility Schedules: Variations in The Age Structure of Childbearing in Human Populations.” *Population Index* 40(2):185-258. Retrieved October 4, 2011.
4. Feeney, Griffith, and Jingyuan Yu. 1987. “Period Parity Progression Measures of Fertility in China.” *Population Studies* 41(1):77-102. Retrieved October 4, 2011.
5. Lesthaeghe, R. J., and H. J. Page. 1980. “The Post-Partum Non-Susceptible Period: Development and Application of Model Schedules.” *Population Studies* 34(1):143-169. Retrieved October 4, 2011.

6. Ni Bhrolchain, Maire. 1987. "Period Parity Progression Ratios and Birth Intervals in England and Wales, 1941-1971: A Synthetic Life Table Analysis." *Population Studies* 41(1):103-125. Retrieved October 4, 2011.
7. Page, H. J. 1977. "Patterns Underlying Fertility Schedules: A Decomposition by both Age and Marriage Duration." *Population Studies* 31(1):85-106. Retrieved October 4, 2011.
8. Rodriguez, German, and John Cleland. 1988. "Modelling Marital Fertility by Age and Duration: An Empirical Appraisal of the Page Model." *Population Studies* 42(2):241-257. Retrieved October 4, 2011.

Topic 3: Human Evolutionary Biology

1. Ellison, Peter T. 2003. *On Fertile Ground: A Natural History of Human Reproduction*. Harvard University Press.

Topic 4: Historical Fertility

1. Caldwell, John. 1982. *Theory of Fertility Decline*. Academic Pr.
 - a. Chapter 4 "Toward a Restatement of Demographic Transition Theory"
 - b. Chapter 5 "A Theory of Fertility: From High Plateau to Destablization"
2. Coale, Ansley J., and Susan Watkins, eds. 1986. *The Decline of Fertility in Europe: The Revised Proceedings of a Conference on the Princeton European...* Princeton Univ Pr.
 - a. Chapter 1 "The Decline of Fertility in Europe Since the Eighteenth Century as a Chapter in Human Demographic History"
 - b. Chapter 2 "A Summary of the Changing Distribution of Overall Fertility, Marital Fertility, and the Proportion Married in the Provinces of Europe"
 - c. Chapter 11 "Conclusions"
3. Henry, L. 1961. "Some data on natural fertility." *Eugenics Quarterly* 8:81-91. Retrieved October 6, 2011.
4. Livi Bacci, Massimo. 2000. *The Population of Europe*. 1st ed. Wiley-Blackwell.
 - a. Chapter 5 Sections: "Marriage" and "Fertility"
 - b. Chapter 6 Section: "The Advent of Birth Control"
5. Livi-Bacci, Massimo. 2006. *A Concise History of World Population*. 4th ed. Wiley-Blackwell.
 - a. Sections 1.1-1.5 "The Space and Strategy of Demographic Growth"
 - b. Section 4.3 "From High to Low Fertility"
 - c. Section 5.3 "A Brief Geography of Fertility"
 - d. Section 5.4 "The Conditions and Prospects for Fertility Decline and Demographic Policy"

Topic 5: Economic Theories of Fertility

1. Becker, Gary S., James S. Duesenberry, and Bernard Okun. 1960. "An Economic Analysis of Fertility." *Demographic and Economic Change in Developed Countries* 225-256. Retrieved December 2, 2011.
2. Butz, William P., and Michael P. Ward. 1979. "The Emergence of Countercyclical U.S. Fertility." *The American Economic Review* 69(3):318-328. Retrieved December 2, 2011.
3. Caldwell, J. C. 1977. "The Economic Rationality of High Fertility: An Investigation Illustrated with Nigerian Survey Data." *Population Studies* 31(1):5-27. Retrieved October 4, 2011.
4. Cleland, John, and Christopher Wilson. 1987. "Demand Theories of the Fertility Transition: an Iconoclastic View." *Population Studies* 41(1):5-30. Retrieved October 4, 2011.
5. Easterlin, Richard A. 1975. "An Economic Framework for Fertility Analysis." *Studies in Family Planning* 6(3):54-63. Retrieved October 4, 2011. Hawthorn, Geoffrey. 1970. *The Sociology of Fertility*. Collier-Macmillan Limited.
6. Joseph Hotz, V., Jacob Alex Klerman, and Robert J. Willis. 1997. Chapter 7 "The Economics of Fertility in Developed Countries." Pp. 275-347 in *Handbook of Population and Family Economics*. Elsevier Retrieved December 2, 2011 (<http://www.sciencedirect.com/science/article/pii/S1574003X97800244>).
7. Ray, Debraj. 1998. *Development Economics*. Section 9.3 302-326 Princeton University Press.
8. Willis, Robert J. 1973. "A New Approach to the Economic Theory of Fertility Behavior." *Journal of Political Economy* 81(2):S14-S64. Retrieved December 2, 2011.

Topic 6: Proximate Determinants of Fertility

1. Bongaarts, John. 1978. "A Framework for Analyzing the Proximate Determinants of Fertility." *Population and Development Review* 4(1):105-132. Retrieved October 4, 2011.
2. Bongaarts, John, and Robert G. Potter. 1983. *Fertility, Biology, and Behavior: An Analysis of the Proximate Determinants*. New York: Academic Press Retrieved
 - a. Chapter 1 "Introduction and Overview"
 - b. Chapter 2 "Natural Fertility and Its Proximate Determinants"
 - c. Chapter 3 "Regulated Fertility and Its Proximate Determinants"
 - d. Chapter 4 "An Aggregate Fertility Model"
 - e. Chapter 5 "Applications of an Aggregate Fertility Model"
3. Bongaarts, John, Odile Frank, and Ron Lesthaeghe. 1984. "The Proximate Determinants of Fertility in Sub-Saharan Africa." *Population and Development Review* 10(3):511-537. Retrieved October 4, 2011.
4. Davis, Kingsley, and Judith Blake. 1956. "Social Structure and Fertility: An Analytic Framework." *Economic Development and Cultural Change* 4(3):211-235. Retrieved October 4, 2011.
5. Potter, Robert G. 1972. "Additional Births Averted When Abortion is Added to Contraception." *Studies in Family Planning* 3(4):53-59. Retrieved October 4, 2011.

Topic 7: High Fertility and Stalled Demographic Transitions

1. Bongaarts, John. 2008. "Fertility Transitions in Developing Countries: Progress or Stagnation?" *Studies in Family Planning* 39(2):105-110. Retrieved October 6, 2011.
2. Bongaarts, John. 2006. "The Causes of Stalling Fertility Transitions." *Studies in Family Planning* 37(1):1-16. Retrieved October 4, 2011.
3. Caldwell, John C. 2001. "The Globalization of Fertility Behavior." *Population and Development Review* 27:93-115. Retrieved October 4, 2011.
4. Easterlin, Richard A., and Eileen M. Crimmins. 1985. *The Fertility Revolution: A Supply-Demand Analysis*. University Of Chicago Press.
 - a. Chapter 1 "The Fertility Revolution"
 - b. Chapter 2 "Theoretical Framework"
5. Garenne, Michel. 2007. "Situations of Fertility Stall in Sub-Saharan Africa." *Paper prepared for the UAPS conference Arusha, Tanzania, 10-14 December 2007* Session 83: "Stalling fertility: a trans-national perspective." Retrieved (<http://uaps2007.princeton.edu/download.aspx?submissionId=70243>).
6. Moultrie, Tom A. et al. 2008. "Refining the Criteria for Stalled Fertility Declines: An Application to Rural KwaZulu-Natal, South Africa, 1990-2005." *Studies in Family Planning* 39(1):39-48. Retrieved October 6, 2011.
7. Ross, John, Edward Abel, and Katherine Abel. 2004. "Plateaus during the Rise of Contraceptive Prevalence." *International Family Planning Perspectives* 30(1):39-44. Retrieved October 4, 2011.
8. Shapiro, David, and Tesfayi Gebreselassie. 2008. "Fertility Transition in Sub-Saharan Africa: Falling and Stalling." *African Population Studies* 23(1):3-23.

Topic 8: Lowest Low Fertility

1. Adsera, Alicia. 2005. "Vanishing Children: From High Unemployment to Low Fertility in Developed Countries." *The American Economic Review* 95(2):189-193. Retrieved December 2, 2011.
2. Adsera, Alicia. 2010. "Where Are the Babies? Labor Market Conditions and Fertility in Europe." *European Journal of Population / Revue européenne de Démographie* 27:1-32. Retrieved December 2, 2011.
3. Frejka, Tomas, and Charles F. Westoff. 2007. "Religion, Religiousness and Fertility in the US and in Europe." *European Journal of Population* 24:5-31. Retrieved December 2, 2011.
4. Gauthier, Anne H. 2007. "The Impact of Family Policies on Fertility in Industrialized Countries: a Review of the Literature." *Population Research and Policy Review* 26:323-346. Retrieved December 2, 2011.
5. Goldstein, Sidney. 1973. "Interrelations Between Migration and Fertility in Thailand." *Demography* 10:225. Retrieved December 2, 2011.
6. Lehrer, Evelyn L. 2004. "Religion as a Determinant of Economic and Demographic Behavior in the United States." *Population and Development Review* 30(4):707-726. Retrieved December 2, 2011.

7. Lesthaeghe, Ron. 2010. "The Unfolding Story of the Second Demographic Transition." *Population and Development Review* 36(2):211-251. Retrieved October 6, 2011.
8. Lesthaeghe, Ron, and Johan Surkyn. 1988. "Cultural Dynamics and Economic Theories of Fertility Change." *Population and Development Review* 14(1):1-45. Retrieved December 2, 2011.
9. Sobotka, Tomáš, Vegard Skirbekk, and Dimiter Philipov. 2011. "Economic Recession and Fertility in the Developed World." *Population and Development Review* 37(2):267-306. Retrieved December 2, 2011.

Topic 9: Contraception

1. Bongaarts, John, and Charles F. Westoff. 2000. "The Potential Role of Contraception in Reducing Abortion." *Studies in Family Planning* 31(3):193-202. Retrieved October 4, 2011.
2. Center for Disease Control and Prevention. 2000. *Family Planning Methods and Practice: Africa*. 2nd ed. Atlanta, Georgia: U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Reproductive Health Retrieved (<http://www.cdc.gov/reproductivehealth/ProductsPubs/Africa/preface.pdf>).
3. Cleland, John et al. 2006. "Family planning: the unfinished agenda." *The Lancet* 368:1810-1827. Retrieved October 4, 2011.
4. Grimes, D A. 1998. "The continuing need for late abortions." *JAMA: The Journal of the American Medical Association* 280(8):747-750. Retrieved October 4, 2011.
5. Hatcher, Robert A., James Trussell, and Anita L. Nelson. 2008. *Contraceptive Technology*. 19th ed. PDR Network. Selected Chapters
6. Luker, K. 2008. *Abortion and the Politics of Motherhood*. 2nd ed. University of California Press.
7. Luker, Kristin. 1997. *Dubious Conceptions: The Politics of Teenage Pregnancy*. Harvard University Press.
8. Panel on Reproductive Health, and National Research Council. 1997. *Reproductive Health in Developing Countries: Expanding Dimensions, Building Solutions*. National Academies Press.
9. Sedgh, Gilda, Stanley K Henshaw, Susheela Singh, Akinrinola Bankole, and Joanna Drescher. 2007. "Legal abortion worldwide: incidence and recent trends." *Perspectives on Sexual and Reproductive Health* 39(4):216-225. Retrieved October 4, 2011.
10. Trussell, J, J Koenig, F Stewart, and J E Darroch. 1997. "Medical care cost savings from adolescent contraceptive use." *Family Planning Perspectives* 29(6):248-255, 295. Retrieved October 4, 2011.

Topic 10: HIV and Fertility

1. Gray, Ronald H et al. 1. "Increased Risk of Incident HIV During Pregnancy in Rakai, Uganda: a Prospective Study." *The Lancet* 366(9492):1182-1188. Retrieved October 4, 2011.

2. Gregson, S, B Zaba, and G P Garnett. 1999. "Low Fertility in Women with HIV and the Impact of the Epidemic on Orphanhood and Early Childhood Mortality in Sub-Saharan Africa." *AIDS (London, England)* 13 Suppl A:S249-257. Retrieved October 4, 2011.
3. Gregson, Simon, Nicola Terceira, et al. 2002. "Study of Bias in Antenatal Clinic HIV-1 Surveillance Data in a High Contraceptive Prevalence Population in Sub-Saharan Africa." *AIDS (London, England)* 16(4):643-652. Retrieved October 4, 2011.
4. Gregson, Simon, Basia Zaba, and Susan-Catherine Hunter. 2002. "The Impact of HIV-1 on Fertility in Sub-Saharan Africa: Causes and Consequences." Retrieved (<http://www.un.org/esa/population/publications/completingfertility/RevisedZabapaper.PDF>).
5. Hunter, Susan-Catherine et al. 2003. "The Association Between HIV and Fertility in a Cohort Study in Rural Tanzania." *Journal of Biosocial Science* 35(2):189-199. Retrieved October 4, 2011.
6. Lewis, James J C, Carine Ronsmans, Alex Ezeh, and Simon Gregson. 2004. "The Population Impact of HIV on Fertility in Sub-Saharan Africa." *AIDS (London, England)* 18 Suppl 2:S35-43. Retrieved October 4, 2011.
7. Nguyen, Ruby H N et al. 2006. "Reduced Fertility Among HIV-Infected Women Associated with Viral Load in Rakai District, Uganda." *International Journal of STD & AIDS* 17(12):842-846. Retrieved October 4, 2011.
8. Zaba, B W et al. 2000. "Adjusting Ante-Natal Clinic Data for Improved Estimates of HIV Prevalence among Women in Sub-Saharan Africa." *AIDS (London, England)* 14(17):2741-2750. Retrieved October 4, 2011.
9. Zaba, B, and S Gregson. 1998. "Measuring the Impact of HIV on Fertility in Africa." *AIDS (London, England)* 12 Suppl 1:S41-50. Retrieved October 4, 2011.

Topic 11: Male Fertility

1. Negro-Vilar, Andres, ed. 1983. *Male Reproduction and Fertility*. 1st ed. Raven Pr.
 - a. Pages 251-256 "Male Fertility: General Considerations"
 - b. Pages 273-284 "Medical Treatment for Male Sub-Fertility"
2. Zhang, Li. 2010. *Male Fertility Patterns and Determinants*. 1st ed. Springer.
 - a. Chapter 1 "Introduction and Overview"
 - b. Chapter 2 "Review of Male Fertility Literature"
 - c. Chapter 3 "Data and Methods"
 - d. Chapter 4 "A Cross-Sectional Analysis of Male and Female Fertility in 43 Countries and Places, 1990-1998"
 - e. Chapter 6 "Demographic, Socioeconomic Characteristics, and Male and Female Fertility"
 - f. Chapter 10 "Conclusion"

Topic 12: Infertility

1. Hatcher, Robert A., James Trussell, and Anita L. Nelson. 2008. *Contraceptive Technology*. 19th ed. PDR Network.
 - a. Chapter 25 "Impaired Fertility"

2. Ratnam, S. S., Eng-Soon Teoh, and C. Anandakumar, eds. 1987. *Infertility, male and female*. Parthenon Pub. Group.
 - a. Chapter 2 “Molecular Aspects of Andrology and Male Infertility: Sperm Gene Expression, Motility, and Sperm-Ovum Recognition”
 - b. Chapter 3 “Treatment of Compromised Male Fertility”
 - c. Chapter 15 “Epidemiology of Human Reproduction”
 - d. Chapter 16 “The Prevalence of Infertility: Measures and Causes”
 - e. Chapter 22 “Etiological Factors in 457 Consecutive Cases of the Infertile Couple”
 - f. Chapter 26 “Treatment of Unexplained Infertility”