

DEMOGRAPHY AND POPULATION RESEARCH

Sociology 570

Spring 2012

Monday, 9:50 am - 12:30 pm

Professor: Sharon Bzostek

Department of Sociology

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Office Hours: Mondays 2:00 – 3:00 pm, or by appointment

Course Website: sakai.rutgers.edu (“Soc 570: Demography and Population Research”)

Course Overview

This course will provide students with a basic introduction to the core topics in contemporary demography (including both the classic topics of fertility, mortality, and migration, and more contemporary extensions into the fields of health, aging, and families) and to the basic methods used in demographic research, including life tables and the calculation of life expectancy, fertility and mortality rates, and a basic overview of population projection techniques. Emphasis will be placed on relating demographic concepts and methods to current events and pressing social and political issues. Course readings will be a mixture of recent substantive journal articles about the course topics, journal articles about particular demographic methods, and selected chapters from a few demographic textbooks.

Readings & Course Materials

All assigned and recommended readings and other course materials will be available on the course Sakai website or through E-Reserves.

Course Requirements

This class will be taught as a seminar, with a combination of lectures and discussions. The balance between lecture and discussion will vary by the week depending on the topics to be covered that day. Students should thoroughly read the assigned readings before coming to class. Most weeks (all those EXCEPT those with asterisks next to them in the course outline below), students should submit two to three discussion questions based on the readings via email to the instructor and weekly discussion leaders by 5 pm on the Sunday before class. During our first class, students will sign up to lead (in pairs or groups of three) two discussion sessions over the course of the semester.

Grades will be determined by: two problem sets (25 percent of the final grade); leading two discussion sessions over the course of the semester (10 percent); actively participating in classroom activities and discussions and consistently submitting discussion questions on time (15 percent); and writing four short discussion papers (about 5 pages double-spaced), which will be critical analyses of the course topics and

readings as well as outside research for at least one of the papers (50 percent). The papers will be due two weeks after the topics are distributed.

Course Schedule & Assigned Readings

(subject to modification with advance notice)

1/23 Course Introduction and Overview: Core Demographic Issues & Data Sources

McFalls, J. 2007. "Population: A Lively Introduction." *Population Bulletin* 62 (1).

Vogel, G. 2011. "Regional Snapshots." *Science* 333: 555-557.

Xie, Y. 2000. "Demography: Past, Present, and Future." *Journal of the American Statistical Association* 95:670-673.

Duncan, G. 2008. "When to Promote, and When to Avoid, a Population Perspective." *Demography* 45: 763-784.

Anderson, M. 2010. "The Census and the Federal Statistical System: Historical Perspectives." *The ANNALS of the American Academy of Political and Social Science* 631: 152-162.

"Census Sensitivity: Counting People." *The Economist*. 12/22/07.

Obermeyer, C.M. 1997. "Qualitative Methods: A Key to Better Understanding of Demographic Behavior?" *Population and Development Review* 23: 813-818.

1/30 Population Growth & Change, Demographic Transition Theory

Coale, A. 1974. "The History of the Human Population". *Scientific American*, September 1974: 41-51.

Kirk, D. 1996. "Demographic Transition Theory." *Population Studies* 50(3):361-387.

Haupt, A., T. Kane and C. Haub. 2011. *PRB's Population Handbook, 6th Edition*. Population Reference Bureau. Pages 2-3, 29-31. This is an excellent reference source for basic demographic measures and concepts that I encourage students to consult throughout the semester as it seems helpful.

Watkins, S.C. 1987. "The Fertility Transition: Europe and Third World Compared." *Sociological Forum* 2:645-673

Lam, D. 2011. "How the World Survived the Population Bomb: Lessons from 50 Years of Extraordinary Demographic History." *Demography* 48: 1231-1262.

Population Reference Bureau Staff. 2004. "Transitions in World Population." *Population Bulletin*, Vol. 59, No. 1. Population Reference Bureau.

Bloom, D. 2011. "7 Billion and Counting." *Science* 333: 562-569.

Malakoff, D. 2011. "Are More People Necessarily a Problem?" *Science* 333: 544-546.

"Malthus, the False Prophet." *The Economist*, 5/15/2008.

Recommended:

Malthus, T. 1798. *An Essay on the Principle of Population*. Chapters 1 & 2.

Simon, J. 1980. "Resources, Population, and Environment: An Oversupply of False Bad News." *Science* 208:1431-6.

Ehrlich, P., A. Ehrlich, and G. Daily. 1993. "Food Security, Population and Environment." *Population and Development Review* 19: 1-32.

Lee, R.. 2011. "The Outlook for Population Growth." *Science* 333: 569-573.

2/6 Measuring Mortality, Morbidity & Life Expectancy*

Hinde, A. 1998. *Demographic Methods*. Arnold: London. Chapters 2-4.

Rockett, I. 1999. "Population and Health: An Introduction to Epidemiology." *Population Bulletin* 54, No. 4. Feel free to skim this.

Haupt, A., T. Kane and C. Haub. 2011. *PRB's Population Handbook, 6th Edition*. Population Reference Bureau. Pages 16-22.

Note: Palmore & Gardner's *Measuring Mortality, Fertility and Natural Increase: A Self-Teaching Guide to Elementary Measures* covers these topics (particularly life tables) in a more elementary manner than Hinde. Interested students are welcome to look at the instructor's copy of this book (Rutgers does not own a copy so I cannot put it on E-Reserves). I would be happy to recommend specific pages to read related to these topics.

2/13 Trends and Patterns in Mortality & The Future of Life Expectancy

Preston, S. 1977. "Mortality Trends." *Annual Review of Sociology* 3: 167-178.

Omran, A.. 1971 (2005). "The Epidemiologic Transition: A Theory of the Epidemiology of Population Change." *The Milbank Quarterly* 49(4): 509-38.

World Health Organization. 2008. "The Global Burden of Disease: 2004 Update." Parts 1 & 2. Available online at:

http://www.who.int/healthinfo/global_burden_disease/2004_report_update/en/index.html

Reardon, S. 2011. "A World of Chronic Disease." *Science* 333: 558-559.

Cutler, D. and G. Miller. 2005. "The Role of Public Health Improvements in Health Advances: The Twentieth-Century United States." *Demography* 41(1):1-22.

Soares, R. 2007. "On the Determinants of Mortality Reductions in the Developing World." *Population Development Review* 33(2).

Wilmoth, J. 1998. "The future of human longevity: A demographer's perspective." *Science* 280(5362):395, plus related correspondence in 281: 1611-15 & 280: 986.

Couzin-Frankel, J. 2011. "A Pitched Battle Over Life Span." *Science* 333: 549-550 (Be sure to read this article before the Olshansky & Oeppen & Vaupel pieces).

Olshansky, S. et al. 2001. "Prospects of Human Longevity." *Science* 291: 1491-1492.

Oeppen, J. and J. Vaupel. 2002. "Broken Limits to Life Expectancy." *Science* 296: 1029-31.

Recommended:

Olshansky, J.S. et al. 2005. "A Potential Decline in Life Expectancy in the United States in the 21st Century." *NEJM* 352(11): 1138-45.

Vaupel, J., Zhang, Z. and A. A van Raalte. 2011. "Life expectancy and disparity: an international comparison of life table data" *BMJ Open*.

2/20 Social Disparities in Health

World Health Organization. 2008. "The Global Burden of Disease: 2004 Update." Parts 3 & 4. http://www.who.int/healthinfo/global_burden_disease/2004_report_update/en/index.html

Adler, N. et al., 1994. "Socioeconomic Status and Health: The Challenge of the Gradient." *American Psychologist* 49(1): 15-24.

Williams, D.R. and P.B. Jackson. 2005. "Social Sources of Racial Disparities in Health." *Health Affairs* 24(2): 325-34.

"Life at the Top in America Isn't Just Better, It's Longer." *The New York Times*. 5/16/05.

"Gap in Life Expectancy Widens for the Nation" *The New York Times*. 3/23/08.

Elo, I.T. 2009. "Social Class Differentials in Health and Mortality: Patterns and Explanations in Comparative Perspective." *Annual Review of Sociology* 35:553-572.

Cockerham, W. 1997. "The Social Determinants of the Decline of Life Expectancy in Russia and Eastern Europe: A Lifestyle Explanation." *Journal of Health and Social Behavior* 38: 117-130.

Recommended:

Link, B. and M.J. Phelan. 1995. "Social conditions as fundamental causes of disease" *Journal of Health and Social Behavior* Extra issue: 80-94.

Marmot, M. 2005. "Social Determinants of Health Inequalities." *The Lancet* 365: 1099-1104

Palloni, A. 2006. "Reproducing Inequalities: Luck, wallets, and the enduring effects of childhood health." *Demography* 43(4):587-615.

2/27 Measuring Fertility & Nuptiality*

Hinde, A. 1998. *Demographic Methods*. Arnold: London. Chapters 7-8, Chapter 12 (pp. 150-153).

Haupt, A., T. Kane and C. Haub. 2011. *PRB's Population Handbook, 6th Edition*. Population Reference Bureau. Pages 9-15, 23, 27.

Goldstein, J. and C. Kenney. 2001. "Marriage Delayed or Marriage Foregone? New Cohort Forecasts of First Marriage for U.S. Women." *American Sociological Review* 66(4): 506-519.

Wu, L. 2008. "Cohort Estimates of Nonmarital Fertility for U.S. Women." *Demography* 45: 193-207.

Note: Palmore & Gardner also have a more basic introduction to fertility and nuptiality measures, and interested students are welcome to ask the instructor for recommended pages in this book.

3/5 Fertility Transitions: Historical Trends & Theories

Bongaarts, J. 1975. "Why High Birth Rates Are So Low." *Population and Development Review* 1(2): 289-296.

Coale, A. and S. Watkins. 1986. *The Decline of Fertility in Europe*. Princeton University Press: Princeton, NJ. Chapter 11 ("Conclusions"), pp. 420-449.

Bongaarts, J. 1978. A framework for analyzing the proximate determinants of fertility. *Population and Development Review* 4:104-132.

Mason, K.O. 1997. "Explaining Fertility Transitions." *Demography* 34(4): 443-454.

Easterlin, Richard A. 1975. "An Economic Framework for Fertility Analysis." *Studies in Family Planning* 6: 54-63.

Caldwell, John C. 1977. "The Economic Rationality of High Fertility: An Investigation Illustrated with Nigerian Survey Data." *Population Studies* 31: 5-26.

Cleland, J. and C. Wilson. 1987. "Demand Theories of the Fertility Transition: An Iconoclastic View," *Population Studies* 41(1): 5-30.

3/12 SPRING RECESS

3/19 Second Demographic Transition & Changing Demography of American Families

Lesthaeghe, R. 2010. "The Unfolding Story of the Second Demographic Transition." *Population and Development Review* 36(2), 211-17 and page 246.

Bumpass, L. 1990. "What's Happening to the Family? Interactions between Demographic and Institutional Change." *Demography* 27: 483-93

Retherford, R.D., Ogawa, N. and Matsukura, R. 2001. "Late Marriage and Less Marriage in Japan." *Population and Development Review* 27(1): 65-102.

Livi-Bacci, M. 2001. "Too Few Children and Too Much Family." *Daedalus*, Summer 2001, 130(3): 139-155.

Cherlin, A. 2010. "Demographic Trends in the United States: A Review of Research in the 2000s." *Journal of Marriage and Family* 72: 403-419.

Cherlin, A. 2009. *The Marriage Go Round: The State of Marriage and the Family in America Today*. New York, NY: Alfred A. Knopf. Introduction.

Rosenfield, M. 2006. "Young Adulthood as a Factor in Social Change in the United States." *Population and Development Review* 32: 27-51.

McLanahan, S. 2004. "Diverging Destinies: How Children are Faring under the Second Demographic Transition." *Demography* 41(4): 607-627.

Recommended:

Seltzer, J. et al. 2005. "Explaining Family Change and Variation: Challenges for Family Demographers." *Journal of Marriage and the Family* 67:908-925.

Carpenter, C. and G. Gates. 2008. "Gay and Lesbian Partnerships: Evidence from California." *Demography* 45: 573-59

McLanahan, S. & C. Percheski. 2008. "Family Structure and the Reproduction of Inequalities." *Annual Review of Sociology* 34:257-276.

3/26 Policy Issues in Low- and High-Fertility Countries

Morgan, S. P. 2003. "Is Low Fertility a Twenty-First-Century Demographic Crisis?" *Demography* 40(4):589-603.

Lutz et al. 2003. "Europe's Population at a Turning Point." *Science* 299: 1991-2.

Caldwell, J. et al. 2002. "Policy Responses to Low Fertility and Its Consequences: A Global Study." *Journal of Population Research* 19: 1-24.

Bongaarts, J. & Sinding, S. 2011. "Population Policy in Transition in the Developing World" *Science* 333: 574-575.

Pritchett, L. 1994. "Desired Fertility and the Impact of Population Policies." *Population and Development Review* 20: 1-55. Also skim through the responses on pages 611-630.

Kaiser, J. 2011. "Does Family Planning Bring Down Fertility?" *Science* 333: 548.

Basu, A. 1997. "The 'Politicization' of Fertility to Achieve Non-demographic Objectives." *Population Studies* 51: 5-20.

Hesketh, T., Lu, L. & Xing, Z.W. 2005. "The Effect of China's One Child Family Policy after 25 Years." *NEJM* 353: 1171-1175.

Recommended

Hvistendahl, M. 2011. "How to Engineer a Baby Boom" *Science* 333: 551.

"The Most Surprising Demography Crisis: A New Census Raises Questions about the Future of China's One-Child Policy." *The Economist*, 5/5/2011.

4/2 Population Aging

Bongaarts, J. 2004. "Population Aging and the Rising Cost of Public Pensions." *Population and Development Review* 30: 1-23.

Jacobsen, L. et al. 2011. "America's Aging Population," *Population Bulletin* 66, no. 1.

Preston, Samuel H. 1984. "Children and the Elderly: Divergent Paths for America's Dependents," *Demography*, 21(4): 435-457.

Vaupel, J.W. and E. Loichinger. 2006. "Redistributing Work in Aging Europe." *Science* 312 (5782):1911-13.

Ogawa, N. and R. Retherford. 1997. "Shifting Costs of Caring for the Elderly Back to Families in Japan." *Population and Development Review* 23(1): 59-94.

4/9 Population Projections, Stable Populations and Age Distributions*

Pollard, A.H., Yusuf, F. and G.N. Pollard. 1990. *Demographic Techniques*. Third Edition. Pergamon Press. Pp. 119-126.

Committee on Population, National Research Council. 2000. *Beyond Six Billion: Forecasting the World's Population*. National Academy Press: Washington, D.C. Executive Summary and Chapter 1.

Hinde, A. 1998. *Demographic Methods*. Arnold: London. Chapter 13 (feel free to skip 13.7 & 13.8)

Haupt, A., T. Kane and C. Haub. 2011. *PRB's Population Handbook, 6th Edition*. Population Reference Bureau. Pages 4-8.

4/16 International Migration

Haupt, A., T. Kane and C. Haub. 2011. *PRB's Population Handbook, 6th Edition*. Population Reference Bureau. Pages 24-26.

Martin, P. and G. Zurcher. 2008. "Managing Migration: The Global Challenge." *Population Bulletin* 63(1). <http://www.prb.org/pdf08/63.1migration.pdf>

Martin, P. and E. Midgley. 2006. "Immigration: Shaping and Reshaping America. Revised and Updated 2nd Edition." *Population Bulletin* 61(4), Population Reference Bureau.

Martin, P. and E. Midgley. 2010. "Immigration in America 2010." *Population Bulletin Update*, Population Reference Bureau.

Massey, D. 2007. "Understanding America's Immigration 'Crisis'." *Proceedings of the American Philosophical Society* 151(3): 309-327.

Hirschman, C. 2005. "Immigration and the American Century." *Demography* 42(4): 595-620.

Donato, K. & A. Armenta. 2011. "What We Know About Unauthorized Migration." *Annual Review of Sociology*, 37: 529-543.

Coleman, David. 2006. "Immigration and Ethnic Change in Low-Fertility Countries: A Third Demographic Transition." *Population and Development Review* 32: 401-446.

Recommended:

Tolnay, Stewart E. 2003. "The African American 'Great Migration' and Beyond." *Annual Review of Sociology* 29: 209-232.

Durand, J. and D. Massey. 2010. "New World Orders: Continuities and Changes in Latin American Migration." *The ANNALS of the American Academy of Political and Social Science* 630: 20-52.

4/23 Urbanization, Urban Poverty & The Environment

Haupt, A., T. Kane and C. Haub. 2011. *PRB's Population Handbook, 6th Edition*. Population Reference Bureau. Page 28.

Montgomery, M. 2008. "The Urban Transformation of the Developing World." *Science* 319 (5864): 761-4.

Brockerhoff, M. 2000. "An Urbanizing World." *Population Bulletin* Vol. 55, No. 3. Washington, D.C.: Population Reference Bureau.

Myers, D. and J. Pitkin. 2009. "Demographic Forces and Turning Points in the American City, 1950-

2040.” *The ANNALS of the American Academy of Political and Social Science* 626: 91-111.

Massey, D. 1996. “The Age of Extremes: Concentrated Affluence and Poverty in the Twenty-First Century.” *Demography* 33(4): 395-412. Also skim responses, pp. 413-428.

Pebley, A. 1998. “Demography and the Environment.” *Demography* 35(4): 377-389.

De Souza, R. et al. 2003. “Critical Links: Population, Health, and the Environment.” *Population Bulletin* 58(3), 3-42.

Recommended:

Massey, D. S. and N. A. Denton (1993). *American Apartheid: Segregation and the Making of an Underclass*. Cambridge, Massachusetts, Harvard University Press. Chapters 1 and 4.

Sampson, R. and P. Sharkey. 2008. “Neighborhood Selection and the Concentrated Reproduction of Social Inequality.” *Demography* 45(1):1-29.

4/30 Class wrap-up, topics and readings TBD in collaboration with students