

## DEMOGRAPHY

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**See also:** biology, density, genetics.

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Abruzzi, W. S.

- 1979 Population pressure and subsistence strategies among the Mbuti pygmies. *Human Ecology* 7(2):183-189.

Altman, J. C.

- 1992a (ed.) *A national survey of indigenous Australians: options and implications*. Canberra: Australian National University, CAEPR, Research Monograph No. 3. 170 p.
- 1992b "Preface", in *A national survey of indigenous Australians: options and implications*, by Jon C. Altman (ed.), pp. viii-xii. Canberra: Australian National University, CAEPR, Research Monograph No. 3.
- 1992c "Statistics about indigenous populations: needs, problems, options and implications", in *A national survey of indigenous Australians: options and implications*, by Jon C. Altman (ed.), pp. 1-15. Canberra: Australian National University, CAEPR, Research Monograph No. 3.
- 1992d "Statistics about indigenous Australians and the role of a national survey: where to now?", in *A national survey of indigenous Australians: options and implications*, by Jon C. Altman (ed.), pp. 152-167. Canberra: Australian National University, CAEPR, Research Monograph No. 3.
- 1996 "The 1994 NATSIS: from conception to completion and beyond", in *The 1994 National Aboriginal and Torres Strait Islander Survey: findings and future prospects*, by Jon C. Altman & Jon Taylor (eds.), pp. 1-12. Canberra: Australian National University, CAEPR, Research Monograph No. 11.

Altman, J. C. & Taylor, J.

- 1996a (eds.) *The 1994 National Aboriginal and Torres Strait Islander Survey: findings and future prospects*. Canberra: Australian National University, CAEPR, Research Monograph No. 11. 206 p.
- 1996b "Statistical needs in Indigenous affairs: future options and implications", in *The 1994 National Aboriginal and Torres Strait Islander Survey: findings and future prospects*, by Jon C. Altman & Jon Taylor (eds.), pp. 193-202. Canberra: Australian National University, CAEPR, Research Monograph No. 11.

Becker, M. J.

- 1989 Lenape population at the time of European contact: estimating native numbers in the lower Delaware Valley. *Proceedings of the American Philosophical Society* 133(2):112-122.

Becker, N. S. A., Verdu, P., Hewlett, B. & Pavard, S.

- 2010 Can life history trade-offs explain the evolution of short stature in

- human pygmies? A response to Migliano et al. (2007). *Human Biology* 82(1):17-27.
- Binford, L. R. & Chasko, W. J., Jr.  
 1976 "Nunamiut demographic history: a provocative case", in *Demographic anthropology: quantitative approaches*, by Ezra B. W. Zubrow (ed.), pp. 63-143. Albuquerque, NM: University of New Mexico Press, School of American Research Advanced Seminar.
- Birdsell, J. B.  
 1968 "Some predictions for the Pleistocene based on equilibrium systems among recent hunter-gatherers", in *Man the hunter*, by Richard B. Lee & Irven DeVore (eds.), pp. 229-240. Chicago, IL: Aldine.
- Blundell, V.  
 1980 Hunter-gatherer territoriality: ideology and behavior in Northwest Australia. *Ethnohistory* 27(2):103-117.
- Blurton Jones, N. G.  
 2016 *Demography and evolutionary ecology of Hadza hunter-gatherers*. Cambridge: Cambridge University Press, Cambridge Studies in Biological and Evolutionary Anthropology 71. 494 p.
- Blurton Jones, N., Hawkes, K. & O'Connell, J. F.  
 1996 "The global process and local ecology: how should we explain differences between the Hadza and the !Kung?", in *Cultural diversity among twentieth-century foragers: an African perspective*, by Susan Kent (ed.), pp. 159-187. Cambridge: Cambridge University Press.
- Bortolini, M. C., Salzano, F. M., Bau, C. H., Layrisse, Z., Petzl-Erler, M. L., Tsuneto, L. T., Hill, K., Hurtado, A. M., Castro-de-Guerra, D., Bedoya, G. & Rutz Linares, A.  
 2002 Y-chromosome biallelic polymorphisms and Native American population structure. *Annals of Human Genetics* 66(4):255-259.
- Bortolini, M., Salzano, F. M., Thomas, M. G., Stuart, S., Nasanem, S. P. K., Bau, C. H. D., Hutz, M. H., Layrisse, Z., Petzl-Erler, M. L., Tsuneto, L. T., Hill, K., Hurtado, A. M., Castro-de-Guerra, D., Torres, M. M., Groot, H., Michalski, R., Nymadawa, P., Bedoya, G., Bradman, N., Labuda, D. & Ruiz-Linares, A.  
 2003 Y-chromosome evidence for differing ancient demographic histories in the Americas. *American Journal of Human Genetics* 73(3):524-539.
- Cashdan, E.  
 1985 Natural fertility, birth spacing, and the 'First Demographic Transition'. *American Anthropologist* (N.S.) 87(3):650-653.
- Cashdan, E. A. & Chasko, W. J., Jr.  
 1977 People of the middle and upper Nata river area: origins, population, economics and health. Gaborone: Report to the Ministry of Local Government and Lands, Government of Botswana.
- Černý, V. & Pereira, L.  
 2014 "Archaeogenetics of Africa and of the African hunter-gatherers", in *The Oxford handbook of the archaeology and anthropology of hunter-gatherers*, by Vicki Cummings, Peter Jordan & Marek Zvelebil (eds.), pp. 1143-1162. Oxford: Oxford University Press, Oxford Handbooks in Archaeology.
- Divale, W. T. & Harris, M.  
 1976 Population, warfare, and the male supremacist complex. *American Anthropologist* (N.S.) 78(3):521-538.

- Dortch, C. E.  
 2002 Modelling past Aboriginal hunter-gatherer socio-economic and territorial organisation in Western Australia's lower south-west. *Archaeology in Oceania* 37(1):1-21.
- Draper, P.  
 1973 Crowding among hunter-gatherers: the !Kung Bushmen. *Science* 182(4109):301-303.  
 1997 "Institutional, evolutionary, and demographic contexts of gender roles: a case study of !Kung Bushmen", in *The evolving female: a life-history perspective*, by Mary Ellen Morbeck, Alison Galloway & Adrienne L. Zihlman (eds.), pp. 220-232. Princeton, NJ: Princeton University Press.
- Draper, P. & Buchanan, A.  
 1992 "If you have a child, you have a life: demographic and cultural perspectives on fathering in old age in !Kung society", in *Father-child relations: cultural and biosocial contexts*, by Barry S. Hewlett (ed.), pp. 131-152. Hawthorne, NY: Aldine de Gruyter, Foundations of Human Behavior.
- Draper, P. & Hames, R.  
 2000 Birth order, sibling investment, and fertility among the Ju/'hoansi (!Kung). *Human Nature* 11(2):117-156.
- Draper, P. & Howell, N.  
 2006 "Changes in co-survivorship of adult children and parents: Ju/'hoansi of Botswana in 1968 and 1988", in *Updating the San: image and reality of an African people in the 21st century* by Robert K. Hitchcock, Kazunobu Ikeya, Megan Bieseles & Richard B. Lee (eds.), pp. 81-100. Osaka: National Museum of Ethnology, Senri Ethnological Studies No. 70.
- Early, J. D. & Headland, T. N.  
 1998 *Population dynamics of a Philippine rain forest people: the San Ildefonso Agta*. Gainesville, FL: University Press of Florida. 208 p.
- Early, J. D. & Peters, J. F.  
 2000 *Xilixana Yanomami of the Amazon: history, social structure, and population dynamics*. Gainesville, FL: University Press of Florida. 323 p.
- Eder, J.  
 1977 Portrait of a dying society: contemporary demographic conditions among the Batak of Palawan. *Philippine Quarterly of Culture and Society* 5(1-2):12-20.  
 1987 *On the road to tribal extinction: depopulation, deculturation, and adaptive well-being among the Batak of the Philippines*. Berkeley, CA: University of California Press. 277 p.
- Eder, J. & Pagayona, B.  
 1971 Applications of a social anthropological census among the Batak of Palawan. *Philippine Sociological Review* 19(1-2):57-66.
- Gomes, A.  
 1977 A social demography of Jahai Negritos at Rual Post, Kelantan. B.A. Thesis, University of Malaya.  
 1979 The demography of the Orang Asli in Malaysia. *Federation Museums Journal* (N.S.) 24:75-92.  
 1982 *Ecological adaptation and population change: a comparative study*

- of Semang foragers and Temuan horticulturalists in West Malaysia*. Honolulu, HI: East-West Center, East-West Environment and Policy Institute, Research Report No. 12. 51 p.
- 1983 “Demography and environmental adaptation: a comparative study of the two aboriginal populations in West Malaysia”, in *Population change in Southeast Asia*, by Wilfredo F. Arce & Gabriel C. Alvarez (eds.), pp. 391-431. Singapore: Institute of Southeast Asian Studies.
- 1990 “Demographic implications of villagisation among the Semang of Malaysia”, in *Hunter-gatherer demography: past and present*, by Betty Meehan & Neville White (eds.), pp. 126-138. Sydney: University of Sydney, Oceania Publications, Oceania Monographs No. 39.
- Gunther, E.  
1962 Makah marriage patterns and population stability. *Proceedings of the International Congress of Americanists* 34:538-545.
- Hawks, J.  
2011 Centre and edge: a foundational concept in human population dynamics. *Before Farming* 2011/1 article 2.
- Hayden, B.  
2002 Hunting and feasting: health and demographic consequences. *Before Farming* 2002/3\_4(3).
- Headland, T. N.  
1975 The Casiguran Dumagats today and in 1936. *Philippine Quarterly of Culture and Society* 3(4):245-257.  
1988 Ecosystemic change in a Philippine tropical rain forest and its effect on a Negrito foraging society. *Tropical Ecology* 29(2):121-135.  
1989 Population decline in a Philippine Negrito hunter-gatherer society. *American Journal of Human Biology* 1(1):59-72.
- Headland, T. N. & Headland, J. D.  
1997 Limitation of human rights, land exclusion, and tribal extinction: the Agta Negritos of the Philippines. *Human Organization* 56(1):79-90.
- Headland, T. N., Headland, J. D. & Uehara, R. T.  
2011 *The Agta people: a photographic depiction*, with a foreword by P. Bion Griffin. Dallas, TX: SIL International. 230 p.
- Helle, S. & Helama, S.  
2007 Climatic variability and the population dynamics of historical hunter-gatherers: the case of Sami of Northern Finland. *American Journal of Human Biology* 19(6):844-853.
- Hewlett, B. S.  
1991 Demography and childcare in preindustrial societies. *Journal of Anthropological Research* 47(1):1-37.  
1996 “Cultural diversity among African Pygmies”, in *Cultural diversity among twentieth-century foragers: an African perspective*, by Susan Kent (ed.), pp. 215-244. Cambridge: Cambridge University Press.
- Hill, K. & Hurtado, A. M.  
1996 *Ache life history: the ecology and demography of a foraging people*. Hawthorne, NY: Aldine de Gruyter, Foundations of Human Behavior. 561 p.
- Hill, K., Hurtado, A. M. & Walker, R. S.  
2007 High adult mortality among Hiwi hunter-gatherers: implications for human evolution. *Journal of Human Evolution* 52(4):443-454.

- Hill, K. & Kaplan, H.  
 1989 Population and dry-season subsistence strategies of the recently contacted Yora of Peru. *National Geographic Research* 5(3):317-334.  
 1999 Life history traits in humans: theory and empirical studies. *Annual Review of Anthropology* 28:397-430.
- Hodgson, D.  
 2010 Determining the behavioural profile of early modern humans: assimilating population dynamics and cognitive abilities. *Before Farming* 2010/2 article 1.
- Howell, N.  
 1979 *Demography of the Dobe !Kung*. New York: Academic Press. 389 p.  
 1984 ‘Perspectives and prospects for understanding the effects of population on the causes and consequences of food production in Africa’, in *From hunters to farmers: causes and consequences of food production in Africa*, by John Desmond Clark & Stephen A. Brandt (eds.), pp. 351-359. Berkeley, CA: University of California Press.  
 2010 *Life histories of the Dobe !Kung: food, fatness, and well-being over the life span*. Berkeley, CA: University of California Press, Origins of Human Behavior and Culture Vol. 4. 234 p.
- Hurtado, A. M. & Hill, K.  
 1987 Early dry season subsistence ecology of Cuiva (Hiwi) foragers of Venezuela. *Human Ecology* 15(2):163-187.
- Hyndman, D. C.  
 1982 ‘Population, settlement and resource use: Working Paper No. 12’, in *Ok Tedi environmental study*, Vol. 5: *population and resource use: ethnobiology*, by D. Hyndman, J. Pernetta & D. Frodin (eds.), pp 1-71. Melbourne: Maunsell & Partners Pty Ltd/Ok Tedi Mining Limited.
- Johnson, A. L.  
 2008 Distinguishing environmental and density-dependent aspects of adaptation. *Before Farming* 2008/4 article 5:1-14.
- Kakkoth, S.  
 2004 Demographic profile of an autochthonous tribe: the Aranadan of Kerala. *Anthropologist* 6(3):163-167.
- Laughlin, W. S.  
 1968 ‘The demography of hunters: an Eskimo example’, in *Man the hunter*, by Richard B. Lee & Irven DeVore (eds.), pp. 241-243. Chicago, IL: Aldine.
- Lee, R. B.  
 1963 The population ecology of man in the early Upper Pleistocene of southern Africa. *Proceedings of the Prehistoric Society* (N.S.) 29:235-257.  
 1968 ‘What hunters do for a living, or, how to make out on scarce resources’, in *Man the hunter*, by Richard B. Lee & Irven DeVore (eds.), pp. 30-48. Chicago, IL: Aldine.  
 1972a ‘Population growth and the beginnings of sedentary life among the !Kung Bushmen’, in *Population growth: anthropological implications*, by Brian Spooner (ed.), pp. 329-342. Cambridge, MA: MIT Press.  
 1972b !Kung spatial organization: an ecological and historical perspective. *Human Ecology* 1(2):125-147.  
 1980 ‘Lactation, ovulation, infanticide and women’s work: a study of hunter-

- gatherer population regulation”, in *Biosocial mechanisms in population regulation*, by Mark N. Cohen, Roy S. Malpass & Harold G. Klein (eds.), pp. 321-348. New Haven, CT: Yale University Press.
- Lee, R.  
2008 Sociality, selection, and survival: simulated evolution of mortality with intergenerational transfers and food sharing. *PNAS* 105(20):7124-7128.
- MacDonald, D. H. & Hewlett, B. S.  
1999 Reproductive interests and forager mobility. *Current Anthropology* 40(4):501-523.
- Marín Arroyo, A. B.  
2009 Economic adaptations during the Late Glacial in northern Spain: a simulation approach. *Before Farming* 2009/2 article 3.
- Marindo-Ranganai, R.  
1995 The population dynamics of Tembomvura people of Zambezi Valley, northern Zimbabwe: some methods of collecting and analyzing birth history data. *Zambezia* 22(2):177-195.
- Meehan, B. & White, N. (eds.)  
1990 *Hunter-gatherer demography: past and present*. Sydney: University of Sydney, Oceania Monographs No. 39. 196 p.
- Meggitt, M. J.  
1968 “‘Marriage classes’ and demography in central Australia”, in *Man the hunter*, by Richard B. Lee & Irvén DeVore (eds.), pp. 176-184. Chicago, IL: Aldine.
- Mona, S., Mordret, E., Veuille, M. & Tommaseo-Ponzetta, M.  
2013 Investigating sex-specific dynamics using uniparental markers: West New Guinea as a case study. *Ecology and Evolution* 3(8):2647-2660.
- Pardoe, C.  
2010 Global human variation: polarised positions and alternative perspectives. *Before Farming* 2010/3 article 3:1-21.
- Pennington, R.  
2001 “Hunter-gatherer demography”, in *Hunter-gatherers: an interdisciplinary perspective*, by Catherine Panter-Brick, Robert H. Layton & Peter Rowley-Conwy (eds.), pp. 170-204. Cambridge: Cambridge University Press, Biosocial Society Symposium Series 13.
- Peterson, N. & Taylor, J.  
1998 Demographic transition in a hunter-gatherer population: the Tiwi case, 1929-1996. *Australian Aboriginal Studies* 1998/1:11-27.
- Pozzobon, J. A. H.  
1991 Parenté et démographie chez les Indiens Maku. Ph.D. Thesis, Université de Paris VII. 256 p.
- Shriner, D., Tekola-Ayele, F., Adeyemo, A. & Rotimi, C. N.  
2018 Genetic ancestry of Hadza and Sandawe peoples reveals ancient population structure in Africa. *Genome Biology and Evolution* 10(3):875-882.
- Spanne, L. W.  
1975 Seasonal variability in the population of Barbareño Chumash villages: an explanatory model. *San Luis Obispo Archaeological Society Occasional Papers* 9:61-87.
- Stiner, M. C.  
2009 Prey choice, site occupation intensity and economic diversity in the

- Middle - early Upper Palaeolithic at the Üçağızlı Caves, Turkey. *Before Farming* 2009/3 article 3.
- Stoffle, R. W. & Evans, M. J.  
1976 Resource competition and population change: a Kaibab Paiute ethnohistorical case. *Ethnohistory* 23(2):173-197.
- Stuart-Macadam, P. & Kent, S. (eds.)  
1992 *Diet, demography, and disease: changing perspectives on anemia*. New York: Aldine de Gruyter, Foundations of Human Behavior. 285 p.
- Swedlund, A. C. & Armelagos, G. J.  
1976 *Demographic anthropology*. Dubuque, IA: W. C. Brown, Elements of Anthropology. 70 p.
- Tindale, N. B.  
1962 Some population changes among the Kaiadilt people of Bentinck Island, Queensland. *Records of the South Australian Museum* 14(2):297-336.
- Tobias, P. V.  
1956 On the survival of the Bushmen: with an estimate of the problem facing anthropologists. *Africa* 26(2):174-186.
- Van Arsdale, P. W.  
1978 Population dynamics among Asmat hunter-gatherers of New Guinea: data, methods, comparisons. *Human Ecology* 6(4):435-467.
- Verdu, P. & Austerlitz, F.  
2015 Post marital residence behaviours shape genetic variation in hunter-gatherer and agricultural populations from Central Africa. *Hunter Gatherer Research* 1(1):107-124.
- Wang, S., Lewis, C. M., Jr., Jakobsson, M., Ramachandran, S., Ray, N., Bedoya, G., Rojas, W., Parra, M. V., Molina, J. A., Gallo, C., Mazzotti, G., Poletti, G., Hill, K., Hurtado, A. M., Labuda, D., Klitz, W., Barrantes, R., Bortolini, M. C., Salzano, F. M., Petzl-Erler, M. L., Tsuneto, L. T., Llop, E., Rothhammer, F., Excoffier, L., Feldman, M. W., Rosenberg, N. A. & Ruiz-Linares, A.  
2007 Genetic variation and population structure in Native Americans. *PLoS Genetics* 3(11):2049-2067.
- Widlok, T., Aufgebauer, A., Bradtmöller, M., Dikau, R., Hoffmann, T., Kretschmer, I., Panagiotopoulos, K., Pastoors, A., Peters, R., Schäbitz, F., Schlummer, M., Solich, M., Wagner, B., Weniger, G.-C. & Zimmermann, A.  
2012 Towards a theoretical framework for analyzing integrated socio-environmental systems. *Quaternary International* 274:259-272.
- Wiessner, P.  
1974 A functional estimator of population from floor area. *American Antiquity* 39(2):343-350.
- Yengoyan, A. A.  
1968 "Demographic and ecological influences on aboriginal Australian marriage sections", in *Man the hunter*, by Richard B. Lee & Irven DeVore (eds.), pp. 185-199. Chicago, IL: Aldine.