

REFERENCES

1. UNICEF. The State of the World's Children 2008: Child Survival, New York: UNICEF, 2007.
Available at http://www.unicef.org/publications/index_42623.html
2. Inter-agency Group for Child Mortality Estimation. Coordinating Meeting on Mortality Estimation, 2006 July 5-7, New York: UNICEF, 2006.
3. World Health Organisation Statistical Information System (WHOSIS). Probability of dying aged < 5 years per 1000 live births (under-five mortality rate). Geneva: WHO, 2007.
<http://www.who.int/whosis/indicators/2007MortChild/en/index.html>
4. Udjo EO. A Re-look at Recent Statistics on Mortality in the Context of HIV/AIDS with Particular Reference to South Africa. *Curr HIV Res.* 2008 Mar; 6(2):143-51.
5. Hill K, Bicego G, Mahy M. Childhood Mortality in Kenya: An Examination of Trends and Determinants in the Late 1980s to Mid 1990s, Baltimore: Macro International Inc, 2000.
6. Adetunji J. Trends in Under-5 Mortality Rates and the HIV/AIDS Epidemic: *Bull World Health Organ.* 2008;78(10):1200-6.
7. World Health Organisation (WHO). The Current Global Situation of the HIV/AIDS Pandemic. Geneva, 1995.
8. International Institute for Population Sciences (IIPS) and ORC Macro. 2000. National Family Health Survey (NFHS-2). India. Mumbai: IIPS, 1998.
9. Bah S. HIV/AIDS in South Africa in the Light of Death Registration Data: In Search of Elusive Estimates. In Zuberi T, Sibanda, A and Udjo EO, editors. *The Demography of South Africa.* Armonk: N.Y, 2005. p120-159.

10. Hill K, Pande R, Mahy M and Jones G. Trends in Child Mortality in the Developing World: 1960-1996. UNICEF, 1999.
11. United Nations. World Population Prospects: the 1999 Revision. Department for Economic and Social Information and Policy Analysis. Population Division. New York: United Nations, 2001.
12. Zimbabwe Central Statistical Office. Census 2002 National Report. Harare: Central Statistical Office, 2004.
13. Zimbabwe Central Statistical Office/ Macro International Inc. Zimbabwe Demographic and Health Survey Country Report. Harare: Central Statistical Office, 1995.
14. Zimbabwe Central Statistical Office/ Macro International Inc. Zimbabwe Demographic and Health Survey Country Report. Harare: Central Statistical Office, 2000.
15. UNAIDS. Report on the Global AIDS Epidemic, UNAIDS: Geneva, 2008.
16. Child Mortality Coordination Group. Tracking progress towards the Millennium Development Goals: Reaching Consensus on Child Mortality Levels and Trends. Bull World Health Organ 2006;84(3):225-232.
17. Black M. Children First: The Story of UNICEF, Past and Present. Oxford: Oxford Univ. Press, 1996.
18. Murray CJ, Lopez A, editors. The Global Burden of Disease: A Comprehensive Assessment of Mortality from Diseases, Injuries and Risk Factors in 1990 and Projected to 2020. Massachusetts: Harvard Univ. Press, 1996.
19. Baker KR. Differentials in Child Mortality in Malawi. [PhD dissertation]. Pennsylvania: Univ. of Pennsylvania, 1999.
20. Marindo R. and Hill K. Trends and Differentials in Child Mortality: Zimbabwe, 1970-1994. Zimbabwe Further Analysis. Calverton, Maryland: Macro International Inc, 1997.

21. Zimbabwe Central Statistical Office/ Macro International Inc. Zimbabwe Demographic and Health Survey Country Report. Harare: Central Statistical Office, 2007.
22. Bah, SM. More Recent Trends in Infant and Child Mortality in Zimbabwe and Possible Explanations. *Cent Afr J Med.* 1995;41(2):35-40.
23. Palloni A. An Epidemio-demographic Analysis of Factors in the Mortality Decline of “Slow-decline” Developing Countries. In International Population Conference. Florence: IUSSP, Liege, 1985.
24. Cleland JG, van Ginneken JK. Maternal Education and Child Survival in Developing Countries: The Search for Pathways of Influence. *Soc Sci Med.* 1988; 27:1357-68.
25. Hobcraft JN, McDonald JW, Rutstein SO. Socio-economic Factors in Infant and Child Mortality: A Cross National Comparison. *Popul Stud.* 1984;38:193-223.
26. Behrman J. Nutrition, Health, Birth Order and Seasonality: Intrahousehold Allocation in Rural India. *J Dev Econ.* 1988;28:43-63.
27. Bicego G. Trends, Age Patterns and Determinants of Childhood Mortality in Haiti, [PhD dissertation]. Baltimore: The John Hopkins Univ, 1990.
28. Zerai A. Preventive Health Strategies and Infant Survival in Zimbabwe. *J Afr Popul Stud.* 1996;11:14-22.
29. Root G. Population Density and Spatial Differentials in Child Mortality in Zimbabwe. *Soc Sc & Med.* 1997;44(3):413-421.
30. Jhamba T. Childhood Mortality Differentials in Zimbabwe: Evidence from Two Surveys. *GENUS.*, 1996;52(3-4):155-72.
31. Woelk GB, Arrow J, Sanders DM, Loewenson R, Ubomba-Jaswa P. Estimating Child Mortality in Zimbabwe: Results of a Pilot

- Study Using the Preceding Births Technique. *Cent Afr J Med.* 1993;39(4):63-70.
32. Brass W, Macrae S. Childhood Mortality Estimation from Reports on Previous Births given by Mothers at the Time of Maternity. Preceding Births Technique. *Asian and Pacific Census Forum* 1984;11(2):5-8.
 33. Manda OM. Birth Intervals, Breastfeeding and Determinants of Childhood Mortality in Malawi. *Soc Sci Med.* 1999;48:301-312.
 34. Abou-Ali H. The Effect of Water and Sanitation on Child Mortality in Egypt, Göteborg: Department of Economics, 2003.
 35. Jacoby H, Wang L. Environmental Determinants of Child Mortality in Rural China: A Competing Risks Approach. Washington DC: World Bank, 2003.
 36. Wang L. Environmental Determinants of Child Mortality: Empirical Results from the 2000 Ethiopia Demographic and Health Survey. Washington DC: World Bank Data Base, 2003.
 37. Ridder G, Tunali I. Stratified Partial Likelihood Estimation. *Economet J.* 1999;92:193-232.
 38. Guilkey DK, Riphahn RT. The Determinants of Child Mortality in the Philippines: Estimation of a Structural Model. *J Dev Econ.* 1998;56: 281-305.
 39. Trussell J, Hammerslough C. A Hazards-Model Analysis of the Covariates of Infant and Child Mortality in Sri Lanka. *Demography.* 1983;20:1-26.
 40. Woldemicael G. Diarrhoeal Morbidity among Young Children in Eritrea: Environmental and Socioeconomic Determinants. *J Health Popul Nutr.* 2001;19: 83-90.
 41. Timaeus IM, Lush L. Intra-Urban Differentials in Child Health *Transit Rev.* 1995;5:163-190.
 42. Lavy VJ. Quality of Health Care, Survival and Health Outcomes in Ghana. *J Health Econ* 1996;15:333-357.

43. Caldwell JC. Mass Education as a Determinant of Mortality Decline. In: Caldwell JC, Santow M. editors. Selected Readings in the Cultural, Social and Behavioural Determinants of Health. Canberra: The Australian National Univ. 1989. p.106.
44. Joshi AR. Maternal Schooling and Child Health: Preliminary Analysis of the Intervening Mechanisms in Rural Nepal. Health Transit Rev 1994; 4:(1-28).24.
45. Sastry N. Family-level Clustering of Childhood Mortality Risk in Northeast Brazil. Pop Stud 1997;51:245-261.
46. Omariba WD, Beaujot ER, Rajulton EF. Determinants of Infant and Child Mortality in Kenya: an Analysis Controlling for Frailty Effects. Popul Res Policy Rev 2007;26:299-321.
47. Guo G and Rodriguez G. Estimating a Multivariate Proportional Hazards Model for Clustered Data using the EM Algorithm, with an Application to Child Survival in Guatemala. J Am Stat Assoc 1992;87(420):969-976.
48. Mosley WH, Chen LC. An Analytical Framework for the Study of Child Survival in Developing Countries. Popul Dev Rev. 1984;10:25-45.
49. Chen LC. Child Survival: Levels, Trends, and Determinants, Determinants of Fertility in Developing Countries. New York: Academic Press, 1983.
50. Zimbabwe Central Statistical Office/ Macro International Inc. Zimbabwe Demographic and Health Survey Country Report. Harare: Central Statistical Office, 1989.
51. Visaria L. 1988. Levels, Trends and Determinants of Infant Mortality in India. In Jain A and Visaria L editors. Infant Mortality in India: Differentials and Determinants Sage Publications, 1988. p67-126.

52. Nayar P. The Case of Kerala, India. In Vallin and Lopez editors. Health Policy, Social Policy and Mortality Prospects. International Union for the Scientific Study of Population, 1985. p.371-381.
53. Jain A. Determinants of Regional Variations in Infant Mortality in Rural India. In Jain A and Visaria L editors. Infant Mortality in India: Differentials and Determinants. Sage Publications, 1988. p27-167.
54. Schultz TP. Interpretation of Relations among Mortality, Economics of the Household and the Health Environment. In World Health Organisation. Proceedings of the Meeting on Socio-economic Determinants and Consequences of Mortality. Mexico City: June 19-25. Geneva, 1979.
55. Anker R. and Knowles J. An Empirical Analysis of Mortality Differentials in International Labour Organization. Kenya at the Macro and Micro Levels. Population and Employment Working Paper No.60. Geneva, 1977.
56. Pastore G. Trends in Childhood Mortality in Developed Countries: The Role of Biologic and Socioeconomic Determinants. Italy: San Giovanni Battista di Torino, 2003.
57. Retherford RD, Choe MK, Thapa S, Gubhaju BB. To what Extent does Breastfeeding Explain Birth-Interval Effects on Early Childhood Mortality. Demography 1989;26: 439-540.
58. Madise N. Birth spacing in Malawi and its impact on under-five mortality. [PhD dissertation]. Southampton: Univ. Southampton, 1993.
59. Forste R. The Effects of Breastfeeding and Child Mortality in Bolivia. Pop Stud 1994;48:397-511.
60. Cox DR. Regression Models and Life Tables. J Roy Stat Soc D-Sta. 1972;74:187-220.

61. Klein PJ and Moeschberger LM. Survival Analysis: Techniques for Censored and Truncated Data, Statistics for Biology and Health 2nd edition. USA: Springer, 2003.
62. SPSS Inc. 2008. SPSS 16.0 Advanced Statistical Procedures Companion. Chicago: Illinois, 2008.
63. Stata Corp. Stata Statistical Software: Release 10.0 College Station, TX: Stata Corporation, 2003.
64. Cleves MA, Gould, WW and Gutierrez RG. An Introduction to Survival Analysis using Stata. College Station TX: Stata Corporation, 2004.
65. United Nations. Indirect Techniques for Demographic Estimates: Manual X, ST/ESA.SER.A81. New York, 1983.
66. Coale AJ, Demeny P, Vaughan B. Regional Model Life Tables and Stable Populations, New York: Academic Press; 1983.
67. United Nations Population Prospects 2006: <http://esa.un.org/unpp>
68. Mahomva A. Greby S. Dube S. et al. HIV Prevalence and Trends in Zimbabwe, 1997 – 2004. Sex Transm Infect 2006;82(suppl 1): 142-147.
69. Trussell J and Rodriguez G. Heterogeneity in Demographic Research. In: Adams J, Lam DA, Hermalin AI, and Smouse P editors. Convergent Issues in Genetics and Demography. London: Oxford Univ. Press, 1990, p112-132.
70. Vaupel JW. (1989). Kindred lifetimes: Frailty models in population genetics. In: Adams J, Lam DA, Hermalin AI and Smouse PE editors. Convergent Issues in Genetics and Demography, New York: Oxford Univ. Press, 1989. p.155-170.
71. Alam N. Birth Spacing and Infant and Early Childhood Mortality in a High Fertility Area of Bangladesh: Age-dependent and Interactive Effects. J Biosoc Sci. 1995;27(3);393-404.

72. Solis P, Pullum SG and Frisbie WP. Demographic Models of Birth Outcomes and Infant Mortality: An Alternative Approach. *Demography* 2000;37(4):489-498.
73. Casterline JB, Elizabeth CC and Abdel FEI. Household Income and Child Survival in Egypt. *Demography* 1989;26(1):15-35.
74. Haines MR, Avery RC. Differential Infant and Mortality in Costa Rica: 1968-1973. *Popul Stud* 1986;36:31-43.
75. Sastry N. What Explains Rural-Urban Differentials in Child Mortality in Brazil. *Soc Sci Med.* 1997;44(7):899-1002.
76. Rutstein SO. Factors Associated with Trends in Infant and Child Mortality in Developing Countries during the 1990s. *Bulletin of the World Health Organization* 2000;78:1256-1270.
77. Huang W, Yu H, Wang F and Li G. Infant Mortality Among Various Nationalities in the Middle Part of Guizghou, China. *Soc Sci Med.* 1997; 45:1031-1040.
78. Pebley AR and Paul WS. Reproductive Patterns and Child Mortality in Guatemala. *Demography* 1987;24(1):43-60.
79. Das Gupta M. Socioeconomic Status and Clustering of Child Deaths in Rural Punjab. *Pop Stud* 1997;51:191-202.
80. Guo G. Use of Sibling Data to Estimate Family Mortality Effects in Guatemala. *Demography* 1993;30(1):15–32.
81. Das Gupta, M. Death Clustering, Mothers' Education and the Determinants of Child Mortality in Rural Punjab, India. *Popul Stud.*1990;44:489-505.
82. Vaupel JW, Manton KG and Stallard E. The Impact of Heterogeneity in Individual Frailty on the Dynamics of Mortality. *Demography* 1987;16:439-454.
83. Zenger E. Siblings' Neonatal Mortality Risks and Birth Spacing in Bangladesh. *Demography* 1993;30:477-488.

84. Curtis, S. Diamond, I. and McDonald, J. Birth Interval and Family Effects on Post Neonatal Mortality in Brazil". Demography 1993; 30:33-43.
85. Palloni A and Rafalimanana H. The effects of Infant Mortality on Fertility Revisited: New Evidence from Latin America. Demography 1999;36(1):41-58.