



University of Nairobi Enterprises and Services Ltd

DEMOGRAPHIC AND HEALTH SURVEYS FOR HEALTH November 9-13 2009 and June 21-25 2010

PROFESSIONAL SHORT COURSE

Cost: US\$1,200 (Includes full board accommodation and all materials)

ABSTRACT:

Demographic and Health Surveys (DHS) are nationally-representative household surveys that provide data for a wide range of monitoring and impact evaluation indicators in the areas of population, health, and nutrition. Demographic and Health Surveys provide countries with a standardized tool to obtain indicators for the effective monitoring of national programs such as those on HIV/AIDS, health and family planning services available in a country.

However, use of DHS information is limited to the sectors involved in data collection such as Kenya National Bureau of Statistics. The thrust of the course is to put high-quality survey data knowledge and skills into the hands of programme managers, health care providers, policymakers, country leaders, researchers and others who can act to improve public health.

The course aims at equipping the participants with understanding and use of the DHS data for Health and Development programmes. It also aims at enabling developers of health communication campaigns to improve the way they analyze and develop materials and interventions by learning how to interpret and use data from DHS.

COURSE OUTLINE:

- 1. Introduction to Demographic and Health Surveys(DHS)**
 - Define sample surveys and explain why surveys are conducted
 - Describe a DCH and SPA surveys
 - Discuss other types of national surveys in the MEASURE DHS project
- 2. Basic Statistics in DHS**
 - Basic statistical concepts
 - Define basic demographic and health terms used in the MEASURE DHS Project
- 3 Indicators in DHS**
 - Definition of the term indicator
 - List population, health and nutrition indicators collected in the DCH
 - Define biomarkers and wealth index and

how they are measured

4. Conducting a DHS

- Describe the steps in conducting a DHS
- Explain the basic concept of sampling and the general principals of sampling weights

5. Understanding DHS Tables and Figures

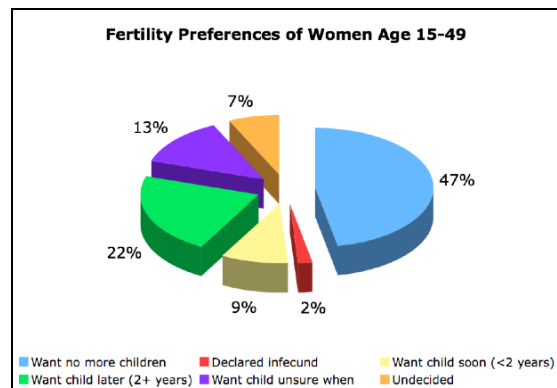
- Interpret tables and figures in the DCH

6. Collecting Data on HIV/AIDS

- Describe how DHS estimates HIV prevalence; compare DHS estimates with other prevalence estimates
- Describe the type of HIV related data collected by the DHS
- Discuss the latest DHS results on HIV from six countries

7. Disseminating DHS Data and using it for development.

- Explain the purpose of dissemination
- Describe approaches for disseminating technical information
- Discuss ways to use DHS findings for program planning



TARGET AUDIENCE:

This course is intended primarily for government and non-governmental programme managers in health and development including those who would like to update their skills and knowledge in using DHS data. It is also intended for undergraduates and graduate students in African University programmes who are specializing in health and social development studies.

FACILITATORS:

DEPARTMENT OF COMMUNITY HEALTH, University of Nairobi



Prof. Mutuku A. Mwanthi, B.Sc. Biology (Washburn, Kansas); M.S.EH. Environmental Health (East Tennessee State); Ph.D. Community Health Sciences-Major Environmental and Occupational Health and Safety (Texas). Prof. Mwanthi has served the Department of Community Health since 1984 and department chair since 2004. He teaches Environmental and Occupation Health and Safety (EOHS) to undergraduate and graduate students in addition to short courses in Applied Epidemiology, and EOHS.

Professor Mwanthi's research and consultancy interests include: water and sanitation, food hygiene; agrochemicals and their effects on environment and agricultural communities and other segments of the population; HIV/AIDS among rural and semi-urban communities; occupational hazards and safety related activities as well as environmental and occupational health epidemiology. He has published 54 scientific publications with majority of them in peer-reviewed journals.



Prof. Elisha Muchunga. BA Sociology and Economics (East Africa); MPH in Health Education (North Carolina); PhD Demography and Sociology (Florida State University). Prof. Muchunga served as the Chairman of the Department of Community Health for six years, (1987 – 1993) and currently teaches

Demography to both undergraduate and graduate students. His research interests include mortality trends, fertility levels and migration patterns.



Mary Kinoti. B.Ed. (Nairobi), M.Sc. Human Ecology (Brussels) and is finalizing Masters in Biostatistics and Epidemiology (Witwatersrand).

Attended several short courses for example Occupational Health and Safety sponsored by Commonwealth Regional Health Community Secretariat for East, Central and Southern Africa, Arusha (1998), Principles in Environmental Management. December 1999. University of Cape Town, South Africa and management of sustainability Netherlands, 2001.

She has been teaching EOHS in the Department of Community Health for the last 13 years and is also currently teaching biostatistics in the School of

Nursing, both at the University of Nairobi.



Rose O. Opiyo. B.Ed. Home Economics (Kenyatta), M.Sc. Applied Human Nutrition (Nairobi) and currently pursuing a Ph.D. in Holistic Nutrition (CCNH) in addition to short courses in Human Rights to Food and Nutrition (Budapest) Planning Health Promotion in School (London). Currently, Ms. Opiyo is teaching nutrition courses in the Department of Community Health, as well as participates in teaching Food and Nutrition Surveillance and Response in Emergency at in addition to nutrition topics within the Common Courses (HIV/AIDS & Human Health) all at the University of Nairobi.

Ms. Opiyo has also acquired extensive community research experience in both quantitative and qualitative research methodologies for over 15 years in Health and Nutrition through consultancies and technical support to several organizations including UNICEF-KCO, UNICEF-Somalia, WFP, UN-OCHA, World Bank, FSAU(FAO)-Somali, CRS-Kenya, CBNP/DANIDA, Family Health International (FHI), WVI, TearFund and ILO among others since 1993 to date.

CONTACT:

For more information please contact Prof. Mwanthi at 254 020 2724639, Cell phone 254 0722-714268 or via email: mmwanthi@uonbi.ac.ke.

Payment Options:

Payment for the courses can be made using one of the following options:

- Bankers Cheque (Payment must be made at least five days before course commencement).
- Personal Cheque (Payment must be made at least ten days before the commencement of the course. Registration guaranteed once cheque clears).
- Direct payment into UNES Consultancy Account Barclays Bank Westlands Account Number- 073-2252452. Bring the deposit slip and use as proof of payment during registration.

REGISTRATION:

Course registration can be done at the:

- UNES Student Office in Gandhi Wing, Room G3 Main Campus University of Nairobi.
- UNES Ltd Headquarters, Kolobot Drive, off Arboretum Drive, near State House Girls School, Nairobi.

CERTIFICATES:

At the end of each course, **Certificates of Participation**, will be awarded to all those who successfully complete the course.