
THE KINTAMPO HDSS, A RESOURCE FOR
RESEARCH AND POLICY DIRECTION

KINTAMPO HEALTH RESEARCH CENTRE

INDEPTH AGM 2010

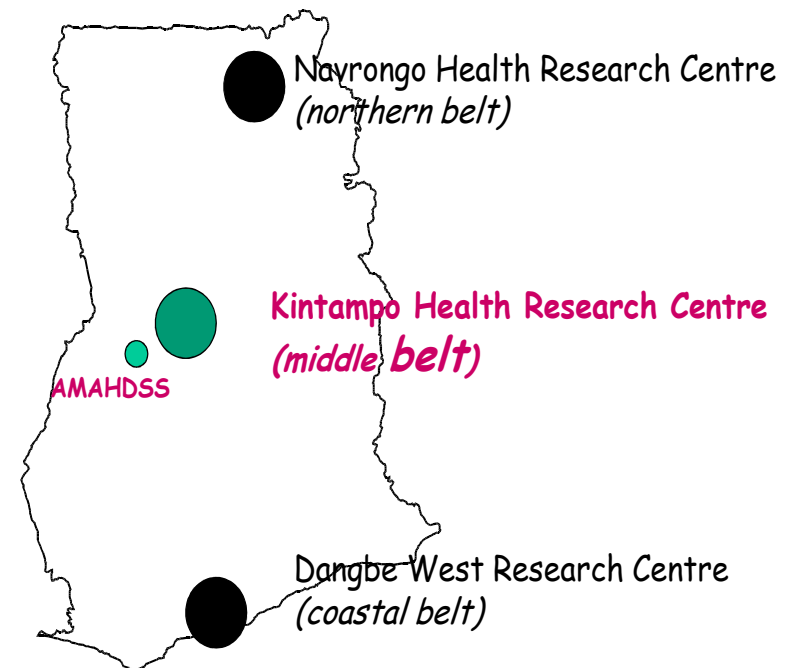
27th SEPTEMBER, 2010,

ACCRA, GHANA

Background

- Established in 1995.
- One of 3 health research centres within the Health Research Directorate of GHS
- Started Kintampo HDSS in 2003 as a core resource platform for health research and generation of information to influence health decisions.
- Located in the mid savannah-forest transitional zone of Ghana
- It has a well-developed infrastructure for field and clinical epidemiological research
- The KHRC Study area, currently covers about 600,000 resident population in 7 contiguous districts
- HDSS operations is in 2 Districts- Kintampo North and South

Location of Kintampo Health Research Centre



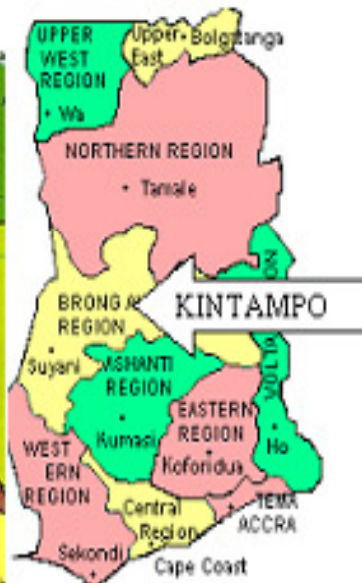
BACKGROUND

- Established in 1995. One of 3 health research centres of the Health Research Directorate of GHS
- Established Kintampo HDSS in 2003 and AMAHDSS in 2010 as a core resource platform for health research.
- Located in the mid savannah-forest transitional ecological zone in the Brong Ahafo region
- It has a well-developed infrastructure for field epidemiological and clinical research
- The Study area, currently covers about 345 communities in 9 districts (HDSS in 4 Districts)

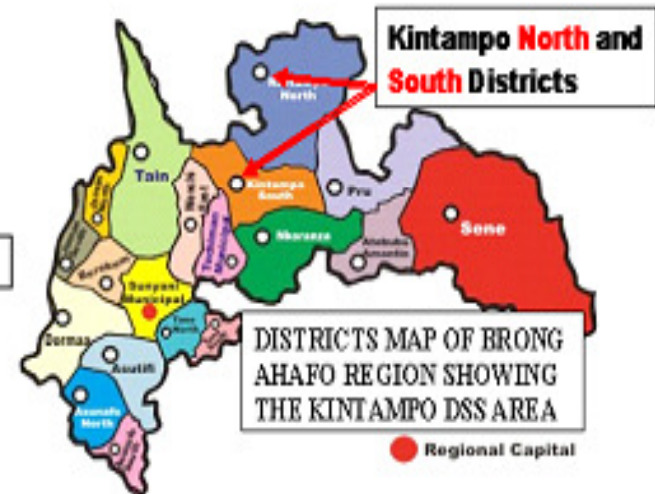
THE LOCATION OF KINTAMPO HEALTH AND DEMOGRAPHIC SURVEILLANCE SYSTEM (KHDSS)



MAP OF WEST AFRICA SHOWING THE LOCATION OF GHANA



MAP OF GHANA SHOWING THE LOCATION OF KINTAMPO IN THE BRONG AHAFO REGION



DISTRICTS MAP OF BRONG AHAFO REGION SHOWING THE KINTAMPO DSS AREA

Regional Capital

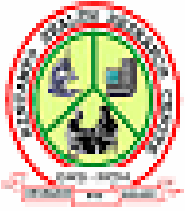
Mission

To conduct public health research and develop health research capacity which will contribute to a significant reduction in ill-health and the achievement of the Millennium Development Goals for Africa's most disadvantaged communities.

Vision

To provide practical needs based research of the highest quality which has a pro-poor and gender equity focus and is used to shape health policy and practice.

To build health research capacity of health and health-related professionals so that they can effectively address the challenges of health in Africa.



VALUES AND GUIDING PRINCIPLES



- Demand driven high quality, equitable and cost effective research and training.
- Quality research, delivered through strategic alliances and partnerships with government, non-governmental and private sector organizations
- Evidence-based
- Firm commitment to continual self-improvement and accountability.

HUMAN RESOURCE

✘ Staff strength of 760

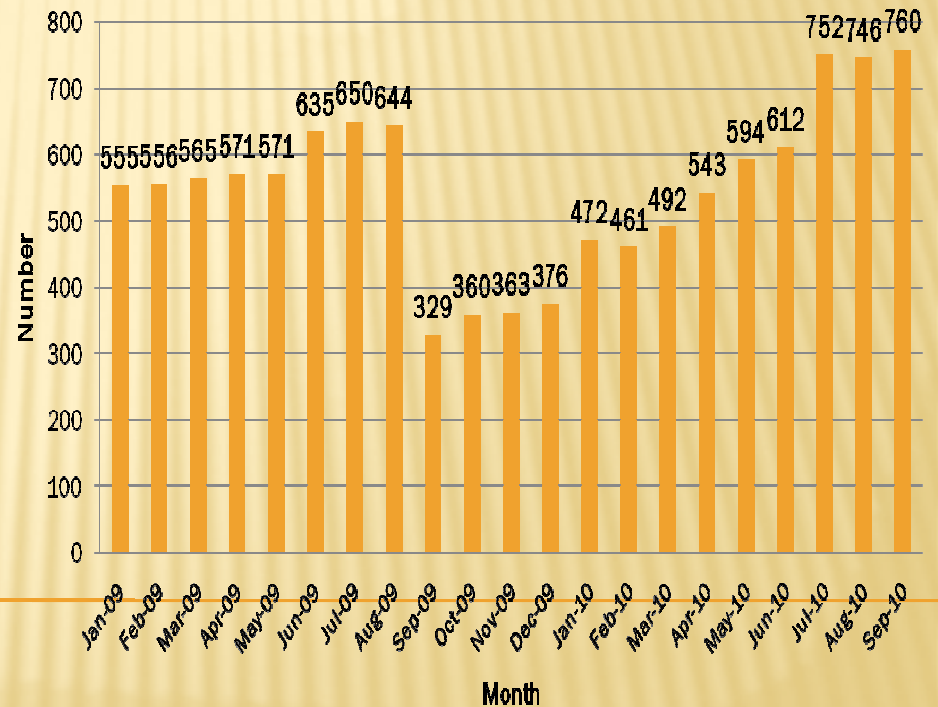
+ Senior Staff: **114**

+ Junior Staff: **653**

✘ Senior staff made up of:

- + Epidemiologists
- + Clinical Research Fellows
- + Social Scientists
- + Public Health Specialists
- + Demographers
- + Biochemists
- + Medical Anthropologists
- + Laboratory Technologists
etc

KHRC Monthly Staff Strength from January 2009 to September 2010



CURRENT RESEARCH POTFOLIO

- + Family Health
- + Vaccine Trials
 - × Malaria Vaccines (RTS,S)
 - × Meningitis Vaccines
- + Drug Trials
 - × Malaria Drugs (ACT trials)
- + Micro nutrients Studies
 - × EPI Plus vitamin A studies (EPI+, EPI++)
 - × Maternal Mortality Study (Obaapa Trial)
 - × Iron Studies (Sprinkles)
 - × Zinc Studies
- + Mental Health Studies
- + Biomass (ARI)
- + TB
- + HIV-AIDS

Training centre for malaria microscopy

Country	Number
Burkina Faso	5
Gabon	1
Gambia	1
Ghana	27
Guinea Bissau	1
Kenya	6
Malawi	3
Mozambique	2
Nigeria	1
Senegal	4
Tanzania	10
USA	1
Total	62
* Special Training for Ghana Health Service Personnel	



SUPPORT TO HEALTH FACILITIES AND COMMUNITIES

- ✘ MCTA Clinical facilities in 3 health centres
- ✘ Support to level A health systems - CHIPS
- ✘ Use of KHRC facilities
- ✘ Laboratory training for students
- ✘ Provision of aggregate data
- ✘ Provision of Emergency equipment, blood sampling room, X-ray machine etc.
- ✘ Provision of High Dependency Ward
- ✘ Support to communities in times of natural disaster

PARTNERS AND COLLABORATORS

- ✘ Health facilities in the municipalities and Districts of our fieldwork Areas
- ✘ Regional Municipal and District health directorates
- ✘ Komfo-Anokye Teaching hospital, Kumasi
- ✘ Korle-bu Teaching hospital, Accra
- ✘ School of Public Health, Legon
- ✘ Noguchi
- ✘ Agogo
- ✘ SMS-KNUST

PARTNERS AND COLLABORATORS

- ✘ INDEPTH network
- ✘ AMMREN
- ✘ Bill and Melinda Gates Foundation
- ✘ London School of Hygiene and Tropical Medicine, UK
- ✘ Hospital for sick kids, Toronto
- ✘ WHO
- ✘ UNICEF
- ✘ MVI
- ✘ Wellcome Trust

HDSS OPERATIONS

- × UPDATES AND TOOLS
- × STAFFING
 - + FIELD WORKERS 18
 - + SUPERVISORS 14
- × GIS
- × DATA LINKAGE

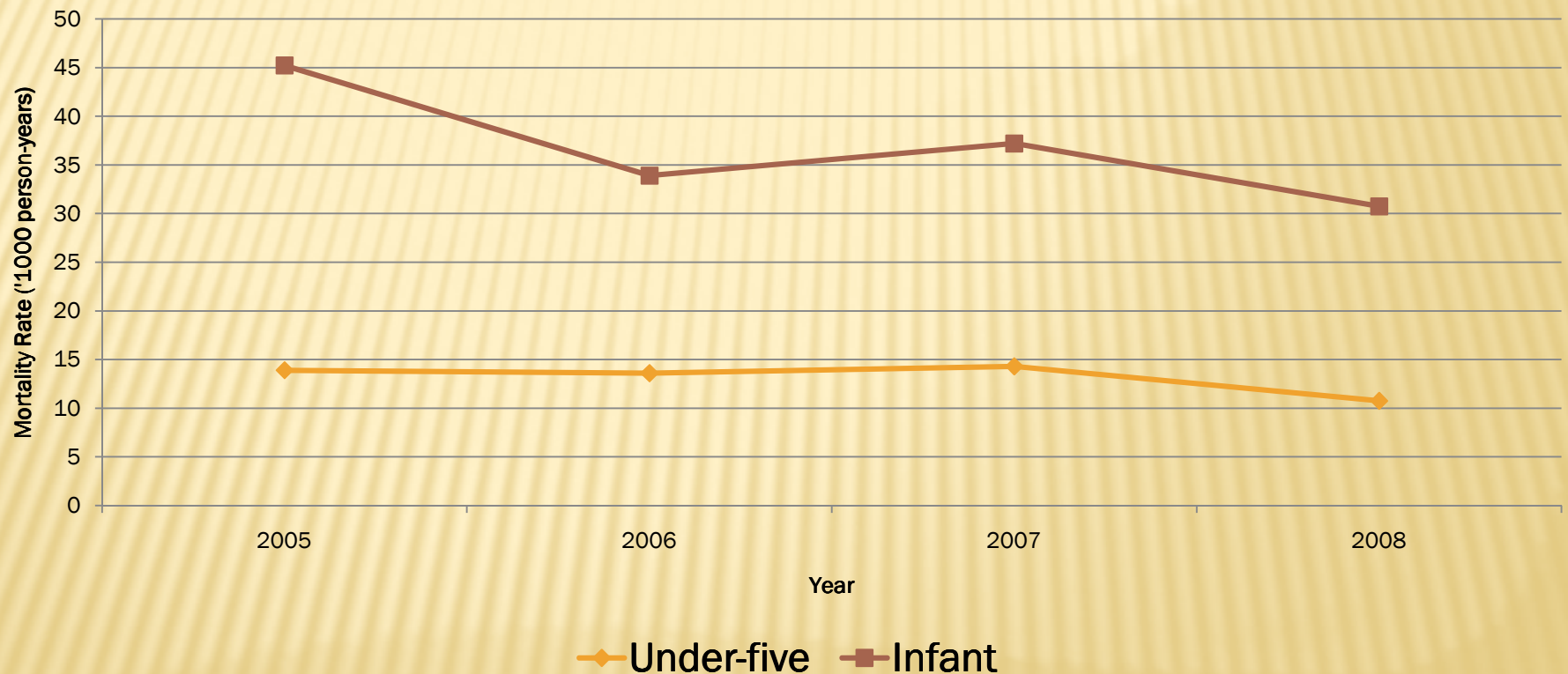
FERTILITY TRENDS: 2005 TO 2008

Total Fertility Rate by year for Kintampo HDSS, 2005-2008



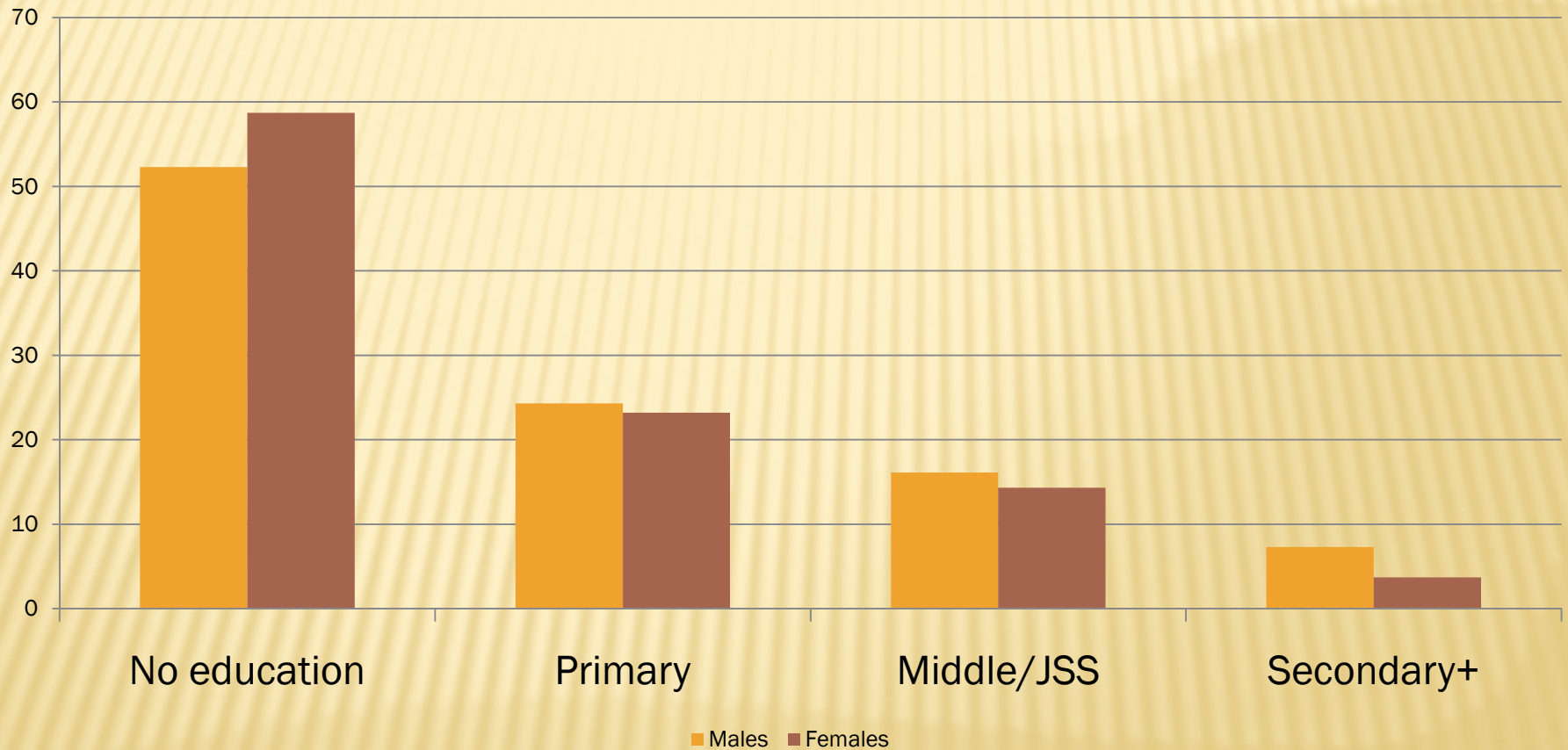
INFANT AND UNDER 5 MORTALITY: 2005 TO 2008

Infant and Under-five mortality rates by year for Kintampo HDSS, 2005-2008



EDUCATIONAL STATUS

Educational attainment by sex for Kintampo HDSS, 2008



WAY FORWARD

- ✘ Continuous development of local capacity to conduct research
- ✘ Develop a strong research culture that recognizes the integral part which research plays in planning and development of services and interventions.
- ✘ Developing strategic partnerships with government to ensure translation of research into policy and practice.
- ✘ Increase Private Partnership and collaboration in Research

Akwaaba

Visit us at

www.kintampo-hrc.org