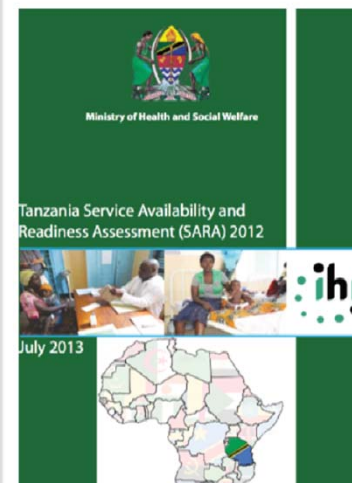
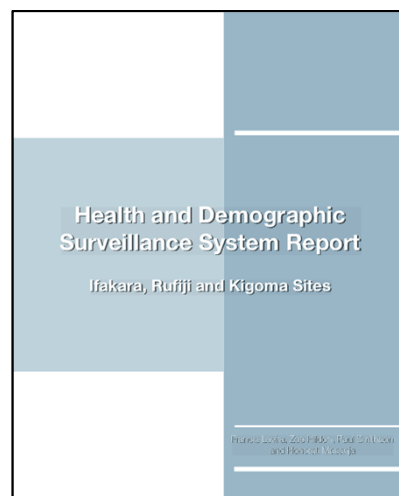
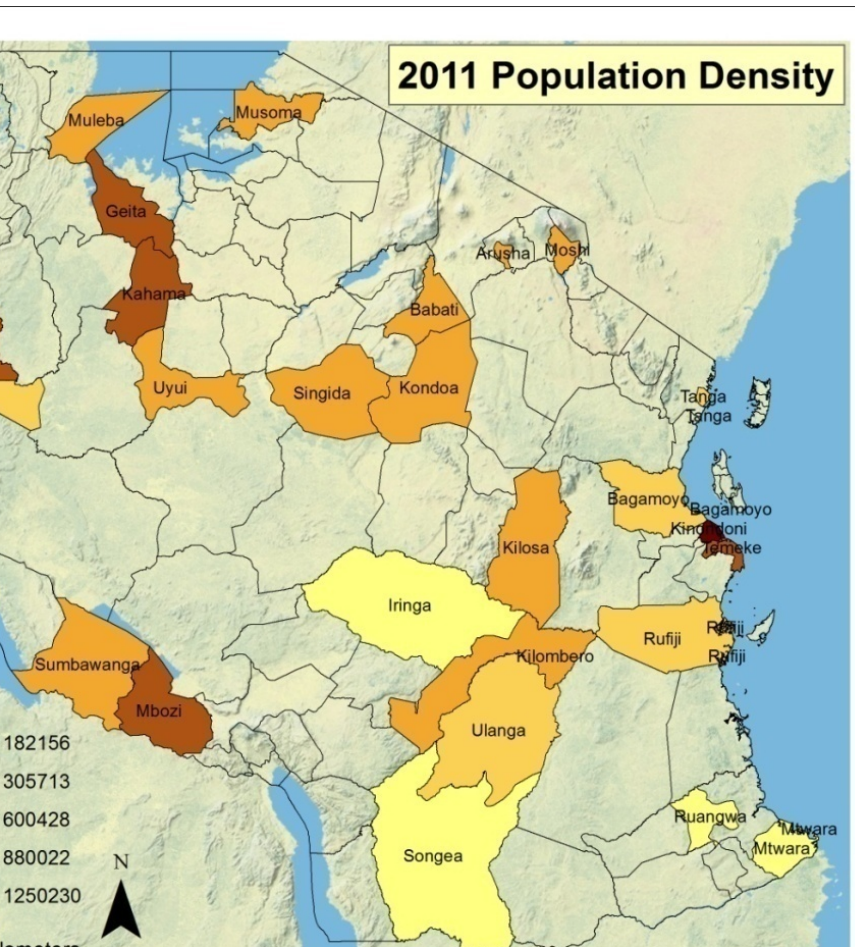




IHI overview



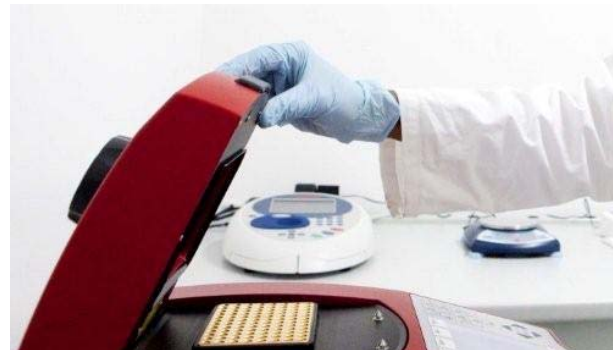
Development of HDSS and SPD



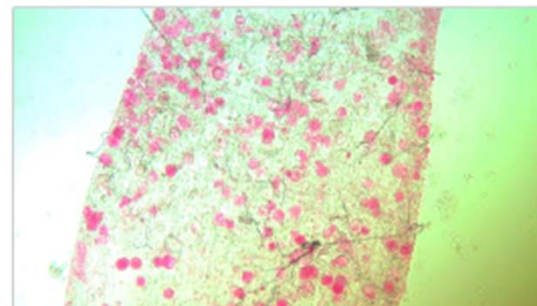
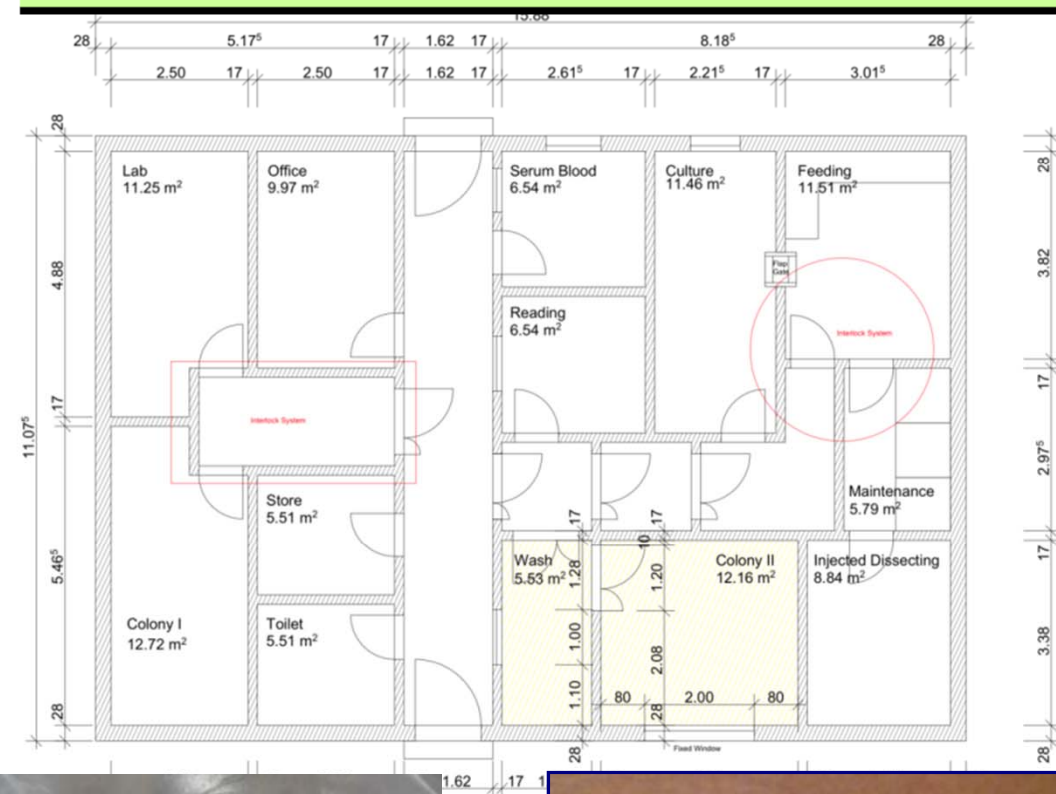
Laboratory to support Research & Surveillance

identified as an important topic
tionally example spread of
ngue fever

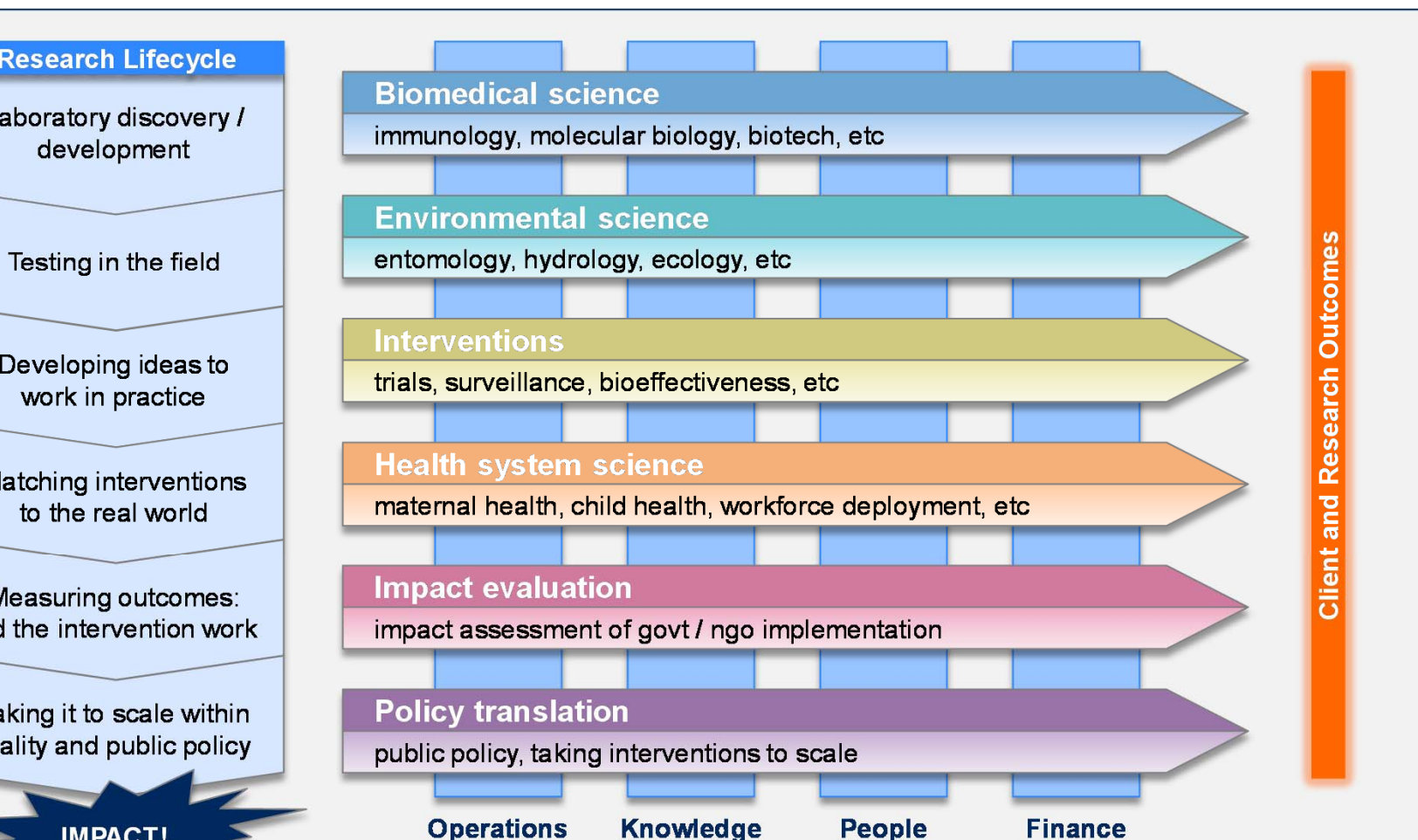
SS & SPD platform is being
graded to be able to capture
ical symptoms in some sites
search grants with biological
mple collection are under
velopment



Develop entomology research



Research thematic groups: approx 65 projects



d Challenge Canada: Some ongoing projects



Malaria prevention using Insecticide Treated Nets



HH own at least 1 ITN
under 5s slept under ITN
pregnant women under ITN

1995-'97

Exploratory studies

1997

Social Marketing

2001

Long term effects
National scale

2002

National M&E 2002

2003

GF Voucher scheme

2010

Universal coverage
campaigns

RTS,S Phase III



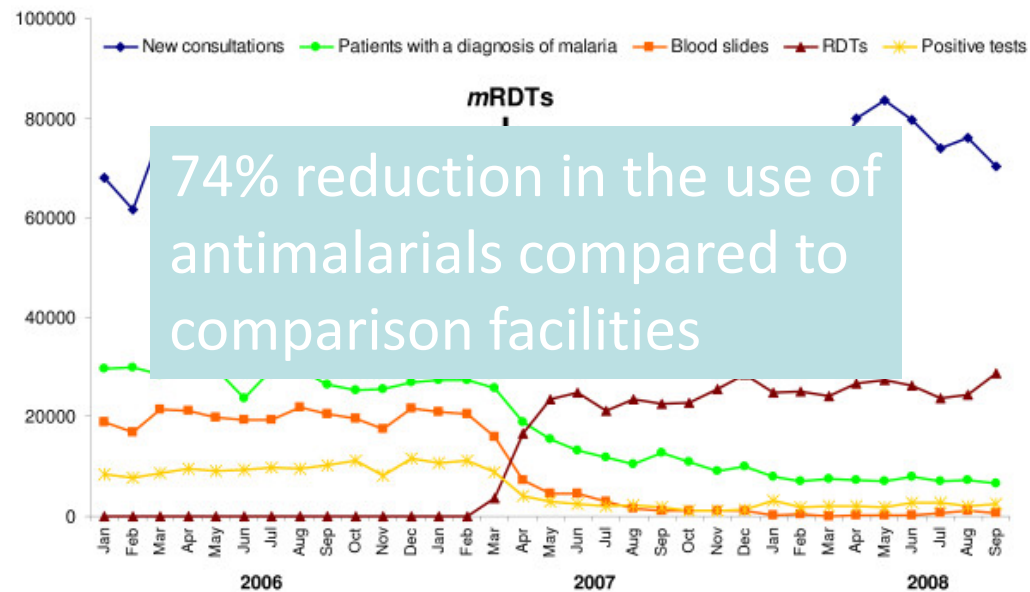
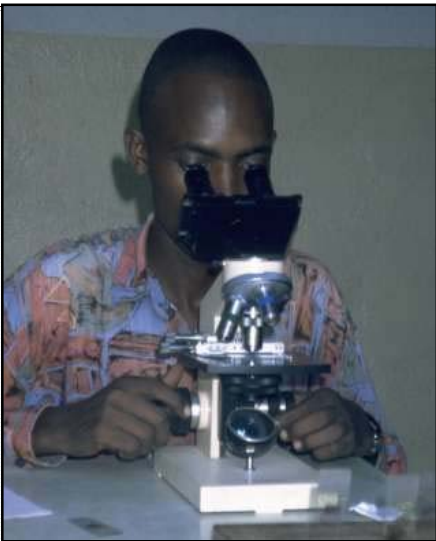
Ifakara Health Institute experience in clinical development of Coartem



96: Tested crushed tablet in Ifakara

01: Tested palatability powder in Ifakara

Malaria diagnostics



multiplex platform for interpretation
quality and control



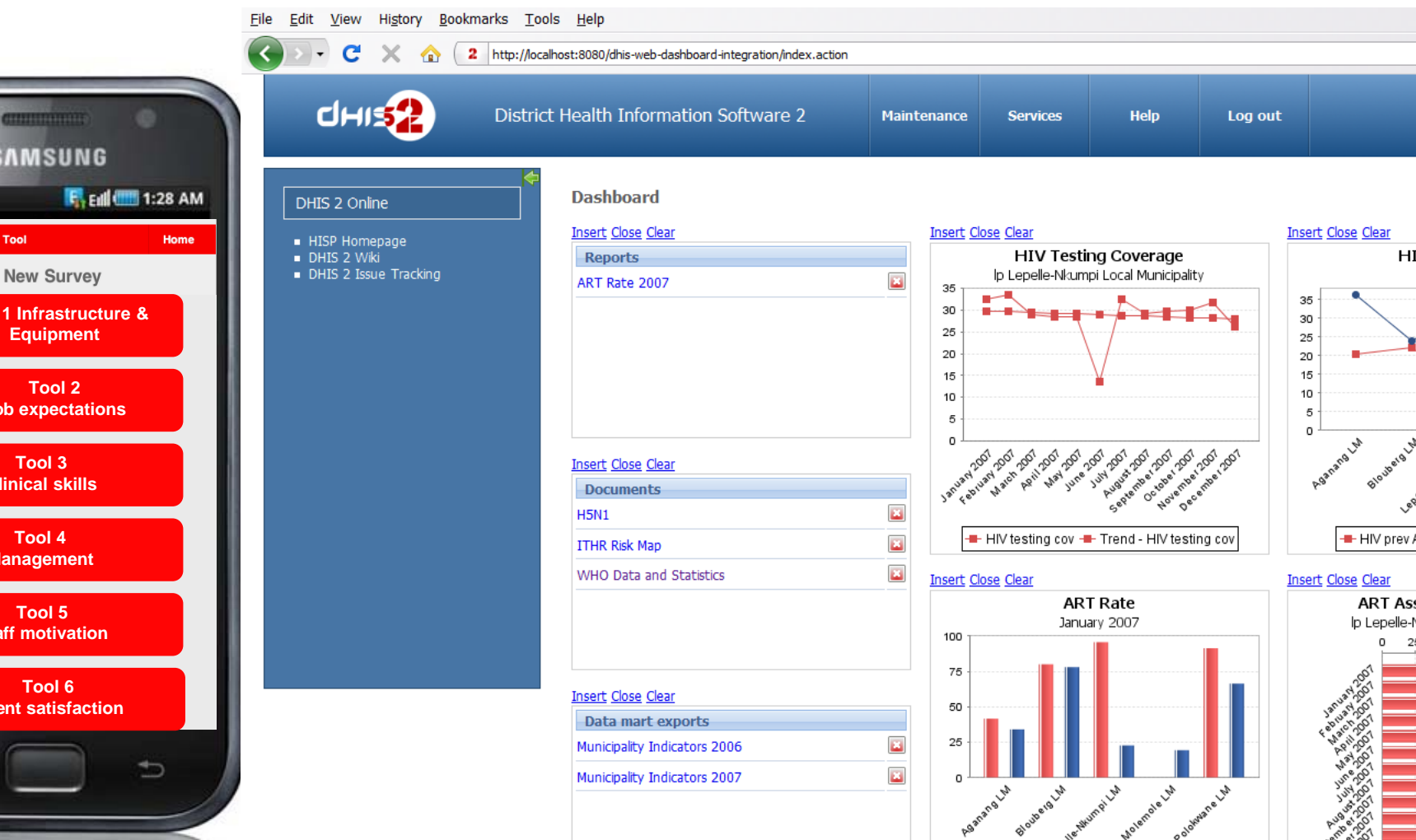
Profile for a malaria biosensor

High sensitivity and specificity
Simple to use by non medical personnel
Non invasive (Saliva samples)
Possibly multiplex for other causes of fever
Sensor heat stable and long shelf life
Simple reader and multiple possibilities for interpretation including mobile phones
Reader for multiple sensors
HIV, Diabetes etc
Electronic control positive sensor and sample?

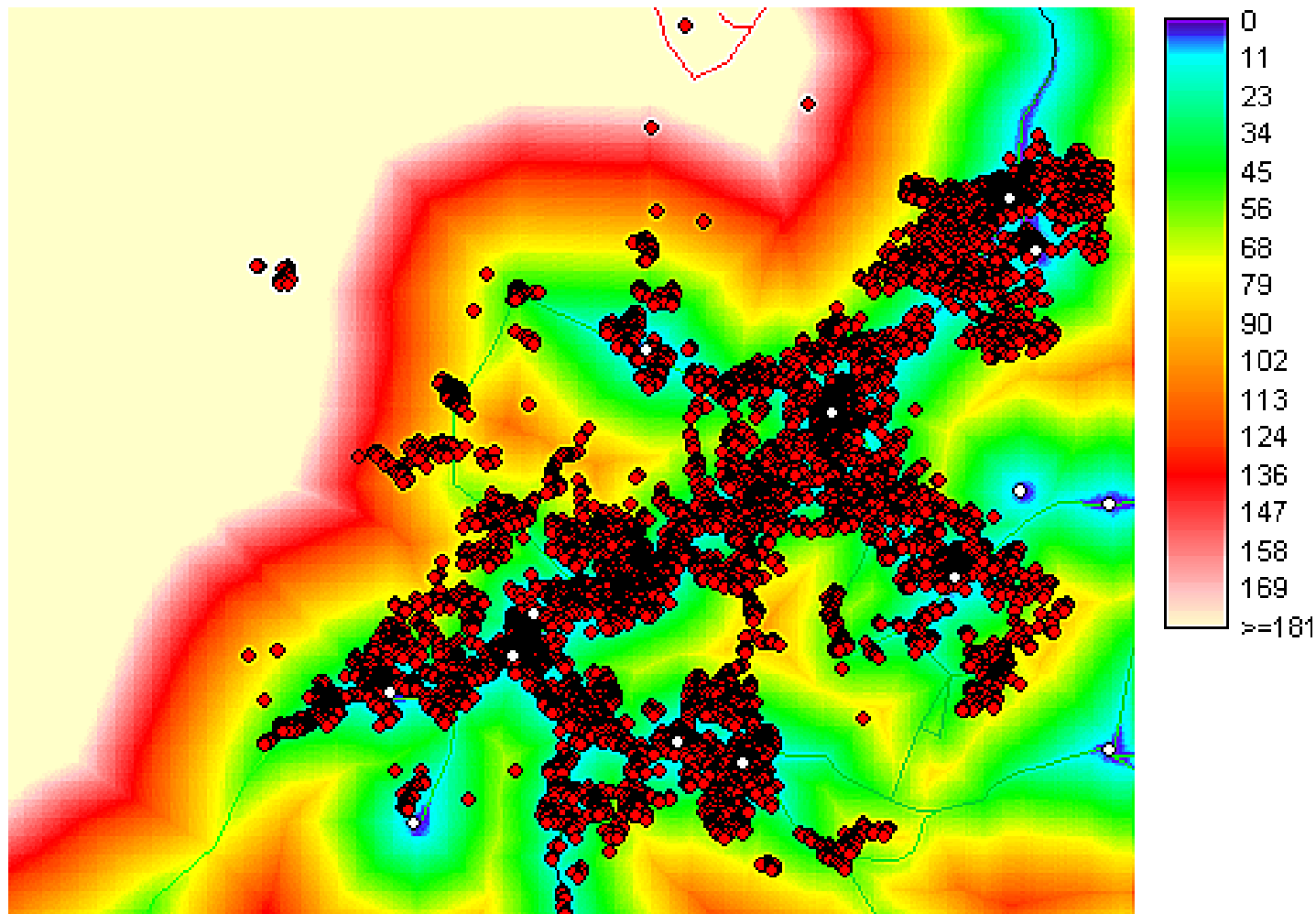
Sensor info functionality for big surveys
and surveillance for elimination campaigns
Target costs: sensor 1-2 USD ,reader 10,



Health facility assessment & health information system

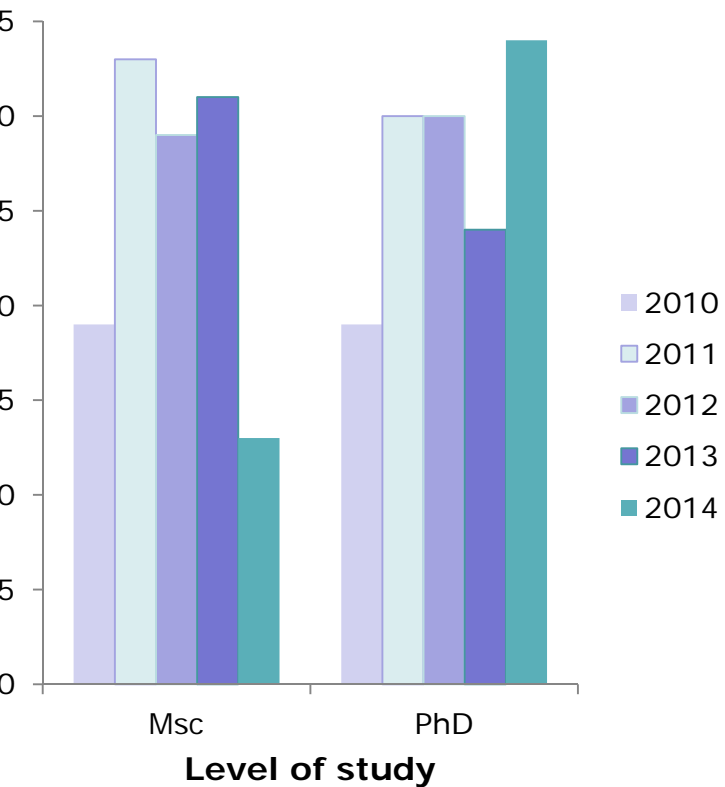


Predicted Health Facility travel times in minutes to predicted facility choice

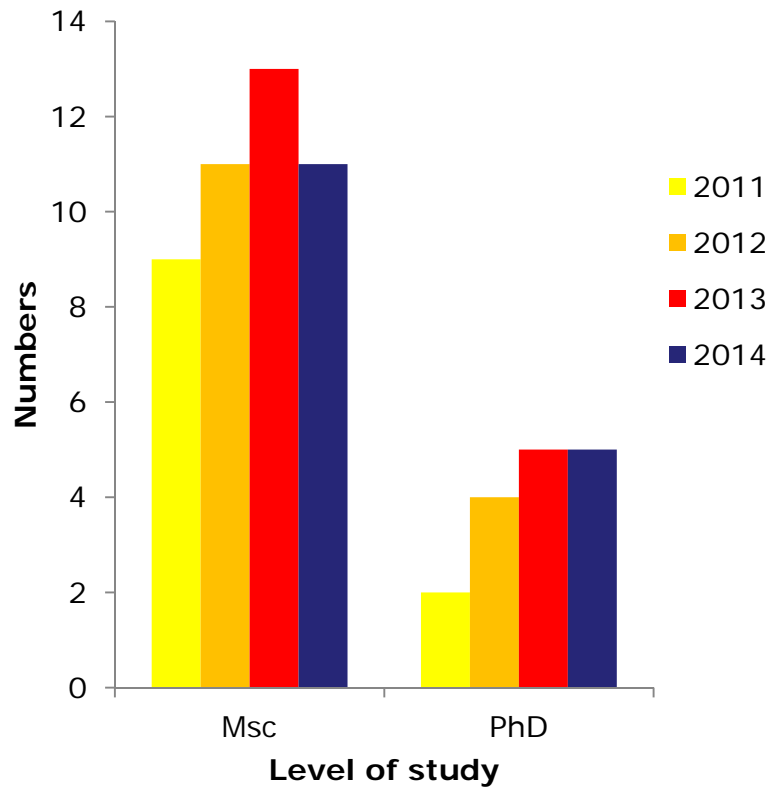


ining activities

udent on IHI olarship (full/partial)



Students graduated



partnership with national and international universities

Completed 2013

0,000 households

platoons

survey teams

supervisors

mappers

40 interviewers

buses + 16 4WD



Knowledge Products and Policy

Spotlight

October 2012 Issue 13

Key Points

- Child survival continued to improve throughout the period 2000-2011 and is on track to meet the MDG target in 2015.
- 2011 under-five mortality rate was 67 – 68 per 1,000 live births, roughly half the level found in 2000. However, neonatal deaths declined only marginally.
- Mortality in older age groups also fell, particularly in the 15-49 year age range.
- Life expectancy has risen by 7-9 years since 2000 to reach 65 years for females, 63 years for males.
- Total fertility rate fell by 1 birth per woman in Rufiji but showed no change in Ifakara.
- Population increase (2006-2011) excluding net migration was 2.3% in Rufiji and 2.7% in Ifakara.
- The last decade marked a period of dramatic demographic change with profound implications for future population age structure.

Child mortality

Infant and under-five mortality trends are shown in figure 1. Both sites indicate a declining trend across the period as a whole.

Under-five mortality

From baseline (2000) to endpoint (2011), under-five mortality fell by 51% in Ifakara and 43% in Rufiji in 67 and 68 deaths per 1,000 live births respectively. It is interesting to note that these values correspond with the 2011 estimate (68/1,000 live births) that the UN inter-agency group for mortality estimation provided, using extrapolation of annual mortality estimates from recent national surveys. This, in turn, is substantially lower than the mortality rate of 81/1,000 representing the period 2005-09 measured by the Tanzania DHS 2010.

Infant mortality

Infant mortality measures the probability of death before first birthday and is expressed as deaths per 1,000 live births. The values in 2011 for Ifakara and Rufiji were 43 and 35 respectively. Again, these are substantially lower than the 51/1,000 estimated for the period 2005-09 in the Tanzania Demographic and Health Survey.

research | training | services

TESTS FOR EFFICACY TESTING SPATIAL REPELLENTS



UNITED REPUBLIC OF TANZANIA

POVERTY AND HUMAN DEVELOPMENT REPORT 2009

TANZANIA SERVICE AVAILABILITY AND READINESS ASSESSMENT (SARA) 2012

FINAL REPORT



MARCH 2013

ROLL BACK MALARIA PARTNERSHIP

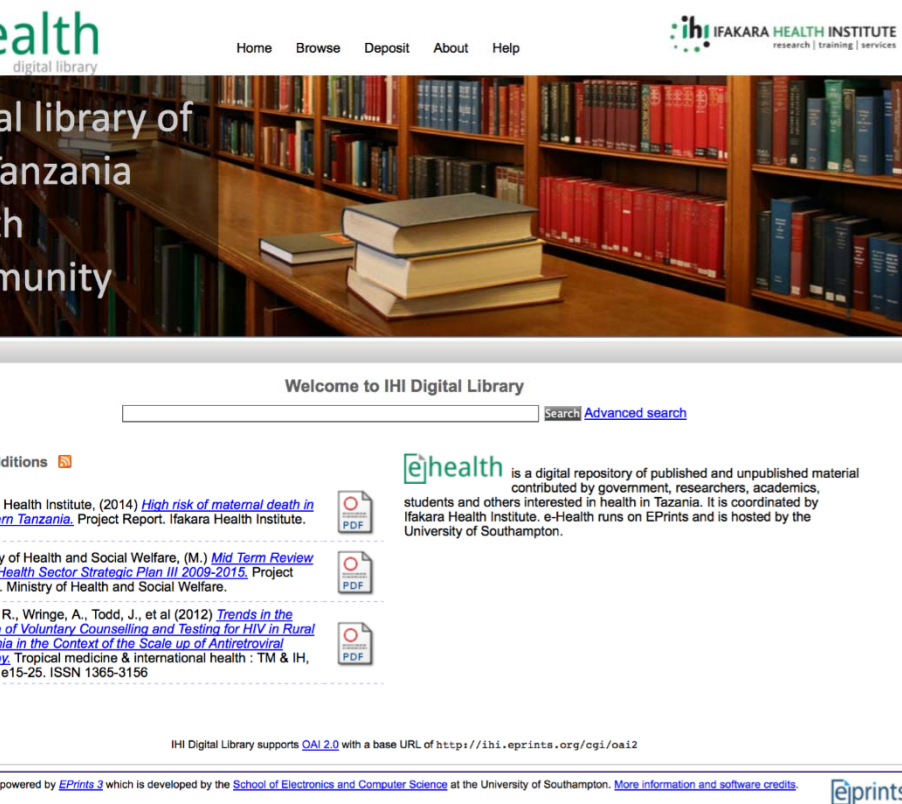
PROGRESS & IMPACT SERIES

Country Reports
Number 3 - January 2012

Focus on Mainland Tanzania

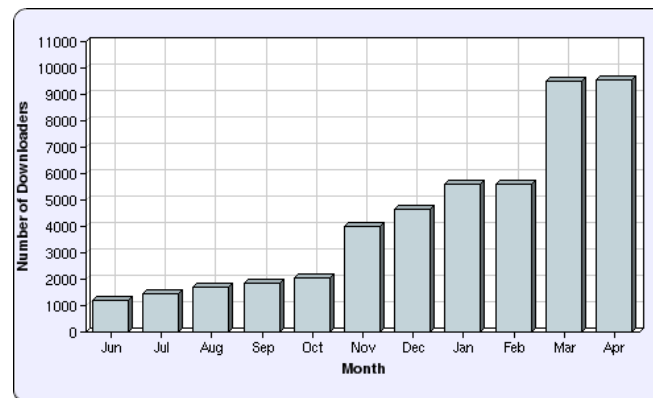
Resource Center: Digital library

<http://ihi.eprints.org>

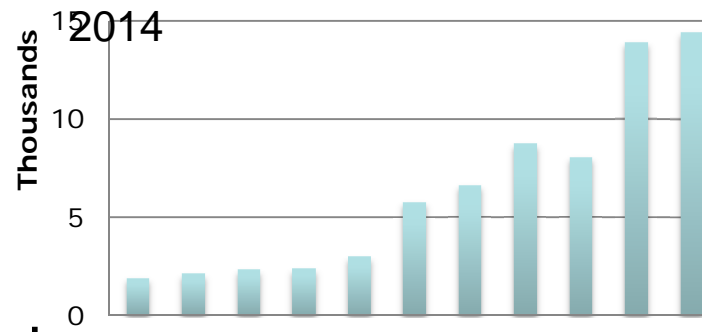


The screenshot shows the IHI Digital Library homepage. At the top, there is a navigation bar with links: Home, Browse, Deposit, About, Help. The main header features the IHI logo and the text 'IFAKARA HEALTH INSTITUTE research | training | services'. Below this is a large image of a library interior with bookshelves and a table with books. The text 'Welcome to IHI Digital Library' is displayed below the image. A search bar is present with a 'Search' button and a link to 'Advanced search'. Below the search bar, there are several PDF icons and links to various documents, including 'High risk of maternal death in rural Tanzania', 'Mid Term Review of Voluntary Counselling and Testing for HIV in Rural Tanzania', and 'Trends in the of Voluntary Counselling and Testing for HIV in Rural Tanzania in the Context of the Scale up of Antiretroviral Therapy'. At the bottom, there is a footer with the text 'IHI Digital Library supports OAI 2.0 with a base URL of http://ihi.eprints.org/cgi/oai2' and a logo for 'eprints'.


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☒ **Any**

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[About](#) [Datasets](#) [Citations](#)Found 3 studies out of 3  Sort results by: [Year](#) | [Title](#)  | [Popularity](#)

Showing 1-3 of 3 studies



Service Availability and Readiness Assessment 2012, (SARA) 2012

By: Honorati Masanja - Ifakara Health Institute, Paul Smithson - Ifakara Health Institute, Yahya Ipuge - Ifakara Health Institute
Collection: [Health systems thematic group](#)

Created on: May 14, 2014 Last modified: May 20, 2014 Views: 260 Downloads: 6
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Study on global ageing and adult health - 2006 2007

By: Dr. Honorath Masanja - IHI, Dr. Rose Nathan - IHI
Collection: [Impact evaluation thematic group](#)

Created on: May 19, 2014 Last modified: May 19, 2014 Views: 30 Downloads: 0



The useful life of bednets for malaria control in Tanzania: Attrition, Bioefficacy, Chemistry, Durability and insecticide Resistance - Household survey 2013, Retrospective household survey



