

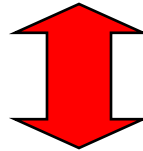
Theme 1

AIDS, Agriculture and Livelihood Security

How Do Livelihood Security and HIV/AIDS affect each other?

Insecure livelihoods exacerbate the **risk and vulnerability environment** for HIV/AIDS, through:

- increased risk of HIV infections;
- faster progression from HIV infection to onset of AIDS;
- difficult environments for proper treatment of HIV; and
- increased socio-economic impacts of AIDS.



Illness and death associated with AIDS in turn **undermine livelihoods options** by:

- weakening or destroying human capacity (skills, knowledge, labour);
- depleting control & access to other key assets;
- constraining options for productive activities, reducing participation in community activities, increasing time needed for reproductive & caring activities.

Key Gaps

Understanding of dynamic interactions

- Focus on two-way interactions (AIDS ~ FS)
- Longitudinal studies needed (dynamics ~ impacts)
- Interdisciplinary approach required (contextual complexity)

Understanding how to respond

- Empirical evidence base needed (M&E ~ cost-effective, scalable solutions)
- Integrated, horizontal sector responses required (multi-dimensional)

Capacity to respond

- Local capacity diminished
- Professional capacity reduced
- Fear and stigma
- Limited mainstreaming ~ vertical responses

Research Questions for Theme 1

- Does food insecurity increase risk of exposure to HIV?
- How does HIV/AIDS interact with other stresses?
- What are the implications of multiple vulnerabilities for approaches to addressing HIV/AIDS and food and nutrition insecurity?
- Under what conditions are households vulnerable or resistant / resilient?

Research Questions for Theme 1

- How is agriculture affected by HIV/AIDS?
- How does AIDS erode agricultural assets or investment incentives and sector performance?
- What are the temporal dynamics of the AIDS – agricultural interactions?

Research Questions for Theme 1

- Internally ~ what modifications are needed so that the agricultural sector can contribute to poverty reduction in the context of AIDS?
- Externally ~ what measures should the agricultural development community employ in concert with other sectors to maximize attainment of common development goals (e.g. the MDGs)?
- How does the mobility of people and urban-rural linkages affect the spread of HIV and the impacts of AIDS on food and nutrition security?

Theme 1 Activities

Ongoing

- **Migration, AIDS and Urban Food Security in Southern and Eastern Africa: Case Studies in Namibia, South Africa and Ethiopia** (IFPRI, Southern African Migration Project)
- **Dynamic Empirical Analysis of HIV/AIDS Shock Impacts and Welfare Consequences: Longitudinal Tracking in Kenya-Nairobi Urban Slums** (APHRC, IFPRI)
- **Dealing with Vulnerability: Parents' Efforts to Secure the Future of their Children** (University of KwaZulu Natal/HEARD, University of Cape Town, Southern African Vulnerability Initiative, IFPRI)
- **Tuberculosis: An Additional Tipping Stress on Poor Households in South Africa and Zambia?** (University Teaching Hospital, Zambia and Stellenbosch University, South Africa)

Theme 1 Activities

Ongoing

- **The Effects on Rural Livelihoods of Increasing Rates of HIV/AIDS-related Illness and Death in Zomba South, Malawi: a Longitudinal Study** (Harvard University, USA, Bunda College of Agriculture, Malawi, University of Oregon)
- **Gender Dimensions, Food and Nutrition Security and HIV/AIDS in Internally Displaced Peoples' Camps in Uganda** (Makerere University, Uganda)
- **Land Ownership and Food Security in Uganda: A Study of the Use and Control of Land Among Households of Women Affected by HIV/AIDS in Four Districts** (Makerere University and National Community of Women Living with HIV/AIDS, Uganda)

Theme 1 Activities

Proposed

- **Tracking *dynamics* of interactions**
 - Existing and new longitudinal panel data, surveillance
 - INDEPTH network (APHRC, Agincourt)
- **AIDS, fishing and livelihoods**
 - Kenya, Uganda, Tanzania, Zambia (World Fish)
- **AIDS and environment**
 - Kenya, Southern Africa (MSU, SAVI)
- **Monitoring and evaluation of innovations/interventions**
 - GART, KKCAF, Junior Farmer Field & Life Schools

Theme 1 - Flagship Project

Sub-Theme: Monitoring and evaluation of innovations
and interventions

Junior Farmer Field & Life Schools