

# Evaluation of a school feeding programme linked to agriculture production in Mali

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<b>Registration date</b> 12/07/2012	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 19/05/2015	<b>Condition category</b> Other	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

## Plain English summary of protocol

### Background and study aims

Providing food through schools has well documented benefits in terms of the education, health and nutrition of school children. However, there is limited evidence regarding the benefits of sourcing the food from small-holder farmers through 'home-grown' school feeding approaches. This study aims to evaluate the impact of school feeding programmes sourced from small-holder farmers on small-holder food security, as well as on school children's education, health and nutrition in Mali.

### Who can participate?

Primary school age children and small-holder farmer households in targeted villages in Mali.

### What does the study involve?

Households and schools will be randomly assigned to one of the following three groups:

1. Regular school feeding programme group: these are schools and villages where the standard Government programme is implemented, with Mayors responsible for sourcing the food.
2. Home-grown school feeding and social accountability group (HGSF+): these are schools and villages where the programme is implemented in addition to training of community organisations and local government on food sourcing, nutrition education, and feedback monitoring.
3. Control group: these are schools and household from villages where the intervention will not be implemented.

### What are the possible benefits and risks of participating?

School feeding programmes have been shown to have benefits in terms of school enrolment, attendance and drop-out. The main risks are issues related to inappropriate food management and preparation. Training activities will be provided to reduce this risk.

### Where is the study run from?

The Partnership for Child Development offices in Bamako, Mali.

### When is the study starting and how long is it expected to run for?

The study is underway and will be completed in December 2014.

Who is funding the study?  
The Bill & Melinda Gates Foundation (USA).

Who is the main contact?  
Dr Lesley Drake  
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## Contact information

**Type(s)**  
Scientific

**Contact name**  
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## Additional identifiers

**Protocol serial number**  
N/A

## Study information

**Scientific Title**  
Community participation and the links between agriculture, nutrition and education: design of a randomised field experiment of 'home-grown' school feeding in Mali

**Study objectives**  
School feeding programmes provide well documented direct benefits to school children and their families. Emerging evidence also suggests that they can provide a stable market for goods and services. This is the first randomised control trial that will examine this in detail.

**Ethics approval required**  
Old ethics approval format

**Ethics approval(s)**  
Not provided at time of registration

**Study design**  
Randomised control trial

**Primary study design**

Interventional

**Study type(s)**

Quality of life

**Health condition(s) or problem(s) studied**

School health and nutrition

**Interventions**

The evaluation will measure outcomes at child, household and school level. Households and schools will be randomly assigned to the intervention. Three treatment arms are envisaged:

**Control group:**

These are schools and household from villages where the intervention will not be implemented. The intervention will be delayed by at least two years in these villages, preferably without informing schools and households.

**Regular school feeding programme group:**

These are schools and villages where the standard Government programme is implemented, with Mayors responsible for the food procurement.

**Home grown school feeding and social accountability group (HGSF+):**

These are schools and villages where the programme is implemented in addition to a capacity building component including training of community-based organisations and local government on food procurement, nutrition education, and feedback monitoring.

**Intervention Type**

Other

**Phase**

Not Applicable

**Primary outcome(s)**

Small-holder farmer income, school participation and learning, and community involvement in the programme

**Key secondary outcome(s)**

1. Nutritional status (anthropometry)
2. Diet-diversity

**Completion date**

01/04/2014

**Eligibility****Key inclusion criteria**

Primary school age children (aged 5-15) and their families, small holder farmers

**Participant type(s)**

Healthy volunteer

**Healthy volunteers allowed**

No

**Age group**

Mixed

**Sex**

All

**Key exclusion criteria**

Households with children not of primary school age

**Date of first enrolment**

01/02/2012

**Date of final enrolment**

01/04/2014

## Locations

**Countries of recruitment**

United Kingdom

England

Mali

**Study participating centre**

**Imperial College London**

London

United Kingdom

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## Sponsor information

**Organisation**

Imperial College London (UK)

**ROR**

<https://ror.org/041kmwe10>

# Funder(s)

## Funder type

Charity

## Funder Name

Bill and Melinda Gates Foundation

## Alternative Name(s)

Bill & Melinda Gates Foundation, Gates Foundation, Gates Learning Foundation, William H. Gates Foundation, BMGF, B&MGF, GF

## Funding Body Type

Government organisation

## Funding Body Subtype

Trusts, charities, foundations (both public and private)

## Location

United States of America

# Results and Publications

## Individual participant data (IPD) sharing plan

### IPD sharing plan summary

#### Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Protocol article</a>	protocol	21/02/2013		Yes	No