

# Kenya - Humid Tropics Agrobiodiversity and Nutrition Project - Plenty season

**Bioversity International, International Center for Tropical Agriculture (CIAT)**

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## Identification

### SURVEY ID NUMBER

KEN\_2014\_HTANP\_PS\_v01\_M\_v01\_A\_ESS

### TITLE

Humid Tropics Agrobiodiversity and Nutrition Project - Plenty season

### COUNTRY

Name	Country code
Kenya	KEN

### STUDY TYPE

Individual Food Consumption/Dietary Survey [hh/ifcs]

### SERIES INFORMATION

The Humid Tropics Agrobiodiversity and Nutrition Project is part of the Humidtropics and Agriculture for Nutrition and Health Research Programmes of CGIAR. The project aims to collect information on dietary intake indicators for women and children for the evaluation of the research projects' performance. This series of studies comprises: two diagnostic surveys conducted in the plenty season (between September and October 2014) and in the lean season (between March and April 2015); a baseline study conducted in November 2015; and an endline study conducted in November 2016.

### ABSTRACT

The study aimed to provide information on dietary intake indicators for women and children for the evaluation of the Humid Tropics Agrobiodiversity and Nutrition Project performance. It covers the Plenty Season following the harvest period and is when food availability is at the highest.

### KIND OF DATA

Sample survey data [ssd]

### UNIT OF ANALYSIS

Individuals.

## Scope

### NOTES

The survey collected information on:

- SUBJECTS: information on the participants such as age, sex and geographical location
- CONSUMPTION: information on all foods consumed by each participant in each survey day, including quantities and nutrient values

## Coverage

### GEOGRAPHIC COVERAGE

Sub-national coverage, only rural areas.

### UNIVERSE

The population group covered in the survey was women of reproductive age and their children from 6 to 23 months of age.

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name	Affiliation
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Bioversity International	CGIAR
International Center for Tropical Agriculture (CIAT)	CGIAR

## Sampling

### SAMPLING PROCEDURE

The sampling procedure involved a two-stage cluster sampling design. In the first stage, ten clusters were selected using mixed sampling approaches. Five of the clusters were purposely selected because they were used as control clusters in a previous project conducted by Bioversity International within the same study area. Five other clusters were randomly sampled from a sampling frame of 119 clusters. In the second stage, sampling frames comprising households with at least one child aged between 6 and 23 months and a woman of reproductive age (15 - 49 years) were prepared for each selected cluster through a household census exercise, conducted by community health volunteers. A representative sample was drawn using a stratified random sampling technique.

### WEIGHTING

No survey weights were used in this survey.

## Data collection

### DATES OF DATA COLLECTION

Start	End
2014-03-22	2014-12-13

### DATA COLLECTION MODE

Face-to-face [f2f]

### DATA COLLECTION NOTES

The dietary assessment of the children and their caregivers was done using a repeated non-consecutive quantitative 24-hour food intake recall method. First, subjects were asked to mention all foods and beverages consumed in the preceding 24 hours. Then they were asked to describe the foods and beverages consumed including ingredients and cooking methods of mixed dishes. The amounts of all foods, beverages, and ingredients of mixed dishes consumed were estimated either in weight, household units (volume determined by water content), or in monetary value. The proportion of what was eaten by the subject was then determined based on the volume eaten and the total volume of the dish. This proportion was used to calculate the amount of ingredients consumed in their raw forms. For dishes consumed outside the home, standard recipes were used and the amount of ingredients consumed by the subject was determined. The Tanzanian Food Composition table (2018) was used to convert the food consumed to nutrients taken. Foods missing in the Tanzanian Food Composition were filled with composition data from the USDA Food Composition Database, the West African Food Composition data, and food composition data derived from various peer reviewed articles.

### DATA COLLECTORS

Name	Affiliation
Bioversity International	CGIAR
International Center for Tropical Agriculture (CIAT)	CGIAR

## Access policy

### CONTACTS

Name	Affiliation	Email
Food and Nutrition Division	Food and Agriculture Organization of the United Nations	fao-who-gift@fao.org

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#### CITATION REQUIREMENTS

Humid Tropics Agrobiodiversity and Nutrition Project – Diagnostic survey Vihiga County: Kenya 2014, Bioversity International Kenya

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## Metadata production

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#### DDI DOCUMENT ID

DDI\_KEN\_2014\_HTANP\_PS\_v01\_M\_v01\_A\_ESS\_FAO

#### PRODUCERS

Name	Affiliation	Role
Food and Nutrition Division	Food and Agriculture Organization of the United Nations	Metadata producer
Statistics Division	Food and Agriculture Organization of the United Nations	Metadata adapted for FAM

## Data Dictionary

Data file	Cases	Variables
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