

Kenya - Humid Tropics Agrobiodiversity and Nutrition Project - Baseline

Bioversity International, International Center for Tropical Agriculture (CIAT)

Report generated on: December 16, 2025

Visit our data catalog at: <https://microdata.fao.org/index.php>

Identification

SURVEY ID NUMBER

KEN_2015_HTANP_BA_v01_M_v01_A_ESS

TITLE

Humid Tropics Agrobiodiversity and Nutrition Project - Baseline

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 survey aimed to collect baseline data for the Humid Tropics Agrobiodiversity and Nutrition Project, which will allow for comparison with the endline data to assess the effectiveness of the project.

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 12 to 23 months of age.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
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 (defined as sub-locations) were randomly selected from a list of all sub-locations in Vihiga. In the second stage, simple random sampling was performed to select households with children 6-23 months of age and their caregivers within each cluster.

WEIGHTING

No survey weights were used in this survey.

Data collection

DATES OF DATA COLLECTION

Start	End
2015-11-15	2015-11-27

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 the foods and beverages consumed in the preceding 24 hours. Then they were asked to describe all 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

CONFIDENTIALITY

The users shall not take any action with the purpose of identifying any individual entity (i.e. person, household, enterprise, etc.) in the micro dataset(s). If such a disclosure is made inadvertently, no use will be made of the information, and it will be reported immediately to FAO.

ACCESS CONDITIONS

Micro datasets disseminated by FAO shall only be allowed for research and statistical purposes. Any user which requests

access working for a commercial company will not be granted access to any micro dataset regardless of their specified purpose. Users requesting access to any datasets must agree to the following minimal conditions:

- The micro dataset will only be used for statistical and/or research purposes;
- Any results derived from the micro dataset will be used solely for reporting aggregated information, and not for any specific individual entities or data subjects;
- The users shall not take any action with the purpose of identifying any individual entity (i.e. person, household, enterprise, etc.) in the micro dataset(s). If such a disclosure is made inadvertently, no use will be made of the information, and it will be reported immediately to FAO;
- The micro dataset cannot be re-disseminated by users or shared with anyone other than the individuals that are granted access to the micro dataset by FAO.

CITATION REQUIREMENTS

Humid Tropics Agrobiodiversity and Nutrition Project – Baseline survey Vihiga County: Kenya 2015, Bioversity International Kenya

Disclaimer and copyrights

DISCLAIMER

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

Metadata production

DDI DOCUMENT ID

DDI_KEN_2015_HTANP_BA_v01_M_v01_A_ESS_FAO

PRODUCERS

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

Data Dictionary

Data file	Cases	Variables
-----------	-------	-----------