

Kenya - Innovative, participatory tools for dietary assessment and nutrition education in Turkana County – Diagnostic survey

**Alliance of Bioversity International and the International Center for Tropical
Agriculture (CIAT)**

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Identification

SURVEY ID NUMBER

KEN_2016_IPTDANE_v01_M_v01_A_ESS

TITLE

Innovative, participatory tools for dietary assessment and nutrition education in Turkana County - Diagnostic survey

ABBREVIATION OR ACRONYM

IPTDANETC-DS KEN 2016

COUNTRY

Name	Country code
Kenya	KEN

STUDY TYPE

Individual Food Consumption/Dietary Survey [hh/ifcs]

ABSTRACT

The survey explored the potential contributions made by locally available agrobiodiversity to the diets of women and children, and it developed innovative tools for measuring diverse diets as well as nutrition education tools that take into account the locally available biodiverse foods.

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 groups covered in the survey were women of reproductive age and children under 3 years old.

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Alliance of Bioversity International and the International Center for Tropical Agriculture (CIAT)

Sampling

SAMPLING PROCEDURE

The sample was stratified by livelihood zone, distinguishing between agro-pastoral and pastoral zones. Within each livelihood zone, three villages were randomly selected from a sampling frame of 21 villages (15 agro-pastoral and 6 pastoral) in Loima Sub-County, Turkana County. The final sample comprised 442 participants, of whom 221 were women of reproductive age and 221 were their infants.

WEIGHTING

No survey weights were used in this survey.

Data collection

DATES OF DATA COLLECTION

Start	End
2016-09-24	2016-10-03

DATA COLLECTION MODE

Face-to-face [f2f]

DATA COLLECTION NOTES

Dietary assessment of children and their caregivers was conducted using the multi-pass quantitative 24-hour food intake recall method. First, respondents were asked to report on all foods and beverages consumed during the preceding 24 hours. Then they were asked to describe the foods and beverages consumed, including ingredients and cooking methods for mixed dishes. The amounts of all foods, beverages, and ingredients of mixed dishes consumed were estimated either in weight, household units (the volume was determined by water content), or in monetary value. The proportion of what was consumed by the respondent was then determined based on the volume consumed and the total volume of the dish cooked. This proportion was used to calculate the amount of ingredients consumed in their raw forms. For dishes consumed outside the home, standard recipes were prepared and they were used to determine the amount of ingredients consumed by the respondent.

Intake data was entered and processed in Lucille, a specialized dietary intake software application developed by the University of Ghent, Belgium. After uploading a food composition table and entering quantitative food intake data per person per day, the software generates the individual nutrient intake estimates.

DATA COLLECTORS

Abbreviation	Affiliation
CIAT	Alliance of Bioversity International and the International Center for Tropical Agriculture

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

Innovative, participatory tools for dietary assessment and nutrition education in Turkana County - Diagnostic survey 2016, Kenya, Bioversity International, 2016.

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Metadata production

DDI DOCUMENT ID

DDI_KEN_2016_IPTDANE_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
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