

# Burkina Faso - Permanent Agricultural Survey 2023-2024

**Direction Générale des Études et des Statistiques Sectorielles (DGESS), General  
Directorate of Sectorial Studies and Statistics**

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## Identification

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### SURVEY ID NUMBER

BFA\_2023-2024\_EPA\_v01\_M\_v01\_A\_ESS

### TITLE

Permanent Agricultural Survey 2023-2024

### TRANSLATED TITLE

Enquête Permanente Agricole 2023-2024

### COUNTRY

Name	Country code
Burkina Faso	BFA

### STUDY TYPE

Agricultural Survey [ag/oth]

### SERIES INFORMATION

The first edition of the Permanent Agricultural Survey (PAS) dates back to 1984, and a series of 39 cycles have been carried out. This survey targets households and farms that grow rainfed and/or off-season crops.

### KIND OF DATA

Sample survey data [ssd]

### UNIT OF ANALYSIS

Plots of lands

## Scope

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### NOTES

The scope of the study covers:

- Agricultural production
- Use of factors of production
- Use of agricultural production
- Agricultural equipment
- Agricultural practices
- Livestock and Poultry
- Food security

## Coverage

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### GEOGRAPHIC COVERAGE

National coverage

### UNIVERSE

The Permanent Agricultural Survey covers all farming households in the country, as the study covers all 45 provinces.

## Producers and sponsors

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### PRIMARY INVESTIGATORS

Name	Affiliation
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Direction Générale des Études et des Statistiques Sectorielles (DGESS), General Directorate of Sectorial Studies and Statistics	Ministère de l'Agriculture, des Ressources Animales et Halieutiques (MARAH), Ministry of Agriculture, Animal and Fisheries Resources
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## PRODUCERS

Name	Abbreviation	Affiliation	Role
IT Services Department		Ministère de l'Agriculture, des Ressources Animales et Halieutiques (MARAH), Ministry of Agriculture, Animal and Fisheries Resources	Technical support for IT maintenance
Food and Agriculture Organization of the United Nations	FAO	United Nations	Technical Support
World Food Programme	WFP	United Nations	Technical Support

## FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
50x2030 Initiative		Financial support
Government of Burkina Faso		Staff and Financial support
Projet d'Harmonisation et d'Amélioration des Statistiques en Afrique de l'Ouest (Harmonizing and Improving Statistics in West and Central Africa)	PHASAO	Financial support

## Sampling

## SAMPLING PROCEDURE

The sampling design of the EPA is based on a two-stage stratified approach. Four strata are defined according to household type and village agricultural potential: (1) small producers in low agricultural potential villages, (2) small producers in high potential villages, (3) large producers in low potential villages, and (4) large producers in high potential villages.

In the first stage, Primary Sampling Units (PSUs) are selected within each province (referred to as "domain") with probability proportional to size (PPS), using the number of households in each PSU based on the most recent agricultural census.

In the second stage, six households are selected from each chosen PSU using Simple Random Sampling (SRS). These households are divided into two strata (typically three households per stratum), aligned with the producer categories mentioned above.

This stratification approach ensures representativeness across different types of agricultural producers and agro-ecological settings, while improving the statistical precision of the estimates. As of 2022, the EPA panel includes 5304 households drawn from 1668 PSUs across 884 villages. The sample is updated every five years, with a full agricultural census planned every ten years.

## WEIGHTING

Sampling weights are applied to account for the complex stratified design. The weight assigned to each household reflects:

- The total number of updated households in the stratum and province (domain),
- The number of PSUs selected in that stratum,
- The updated number of households in the specific PSU,
- And the number of households sampled in the stratum.

The final household weight is calculated as the product of three components:

- The number of PSUs selected in the stratum,
- The ratio of the total number of households in the stratum to the number of households in the PSU based on the last census,
- The ratio of the updated number of households in the PSU to the number of sampled households in the stratum.

## Data collection

### DATES OF DATA COLLECTION

Start	End
2023-06-01	2023-12-30

### DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

## Access policy

### ACCESS CONDITIONS

1. Access to the data will be limited to the Principal Investigator and other members of the research team identified in the data request form.
2. Data files, including files derived from these data, will not be transmitted to anyone other than the members of the research team identified in this agreement, unless formally authorized by the structure providing the data or by the Institut National de la Statistique et de la Démographie (INSD), National Institute of Statistics and Demography.
3. The data will be used exclusively for statistical or scientific research purposes, and in no way for the investigation of individuals or legal entities. The results of this work will be presented in the form of aggregated statistics. Under no circumstances may the data be used for administrative, property or legal purposes.
4. The Principal Investigator must report any intention to merge data files with individual data from another source/study. If this is the case, detailed information must be provided to the data provider or INSD concerning the nature of these files and the purpose of the merger. Any data file resulting from such merger(s) will be treated in the same way as the original files supplied by the data provider and will be subject to the same conditions of access and use.
5. The Principal Investigator guarantees that no attempt will be made to re-identify a respondent, and that no use will be made of the information provided by the respondent. The discovery of any re-identification of an individual must be immediately and confidentially reported to the structure providing the data or to INSD.
6. The Principal Investigator guarantees that adequate measures are taken to prevent access to the data by unauthorized persons. Data files will be destroyed after completion of the research project, unless the data provider and INSD obtain satisfactory guarantees that the data will be kept secure and the beneficiary organization obtains formal authorization to retain them. The destruction of data files will be confirmed in writing by the Principal Investigator.
7. Any book, article, publication, paper, dissertation, report or other publication using data obtained from the data-providing organization will cite the source of the data in accordance with the conditions indicated. However, the researcher must distinguish between the data obtained by his or her own manipulation and the one supplied by the data-providing organization.
8. An electronic copy of reports and publications (other than books) using these data will be sent to the data-providing structure and to INSD.
9. The principal investigator, the organization providing the data and the funders of the study are in no way responsible for the use made of the data or the interpretations or decisions made as a result of such use.
10. This agreement takes effect on the date on which authorization to use the data is granted, and remains valid until the end of the research project (declared or anticipated).
11. If any changes are made to the project definition, security measures, personnel or organization described in this agreement, it is the responsibility of the Principal Investigator to obtain the agreement of the structure providing the data for these amendments. When the Principal Investigator changes organization, a new request for authorization to use the data must be submitted, as this agreement loses its validity.
12. Violations of this agreement will be treated with care by the data-providing organization, which will take action against those responsible for such violations, whether intentional or accidental. Failure to comply with this agreement may result in legal action. The data-providing structure will maintain a register of individuals and organizations responsible for such breaches, may share this register with other archives and data centers, and will impose restrictions on access to the data by such individuals and organizations.

## 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

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DDI DOCUMENT ID

DDI\_BFA\_2023-2024\_EPA\_v01\_M\_v01\_A\_ESS\_FAO

### PRODUCERS

Name	Affiliation	Role
Direction Générale des Etudes et des Statistiques Sectorielles [General Directorate of Sectorial Studies and Statistics]	Ministère de l'Agriculture, des Ressources Animales et Halieutiques [Ministry of Agriculture, Animal and Fisheries Resources] (MARA)	Metadata producer
Statistics Division	Food and Agriculture Organization of the United Nations	Metadata adapted for FAM

**Data Dictionary**

<b>Data file</b>	<b>Cases</b>	<b>Variables</b>
<b>EQUIPEMENT_ano</b>	21371	41
<b>STOCKS_2023_ano</b>	13087	8
<b>Utilisation_pro_pluvial_ano</b>	44903	52
<b>BONNE_PRATIQUE_ano</b>	17470	73
<b>CHEPTEL_ano</b>	35380	51
<b>MEMBRE_ano</b>	57387	117
<b>UTILISATION_INTRANT_ano</b>	51589	35
<b>PARCELLES_ano</b>	47942	84
<b>SECURITE_ALIMENATAIRE_ano</b>	5101	241