

Niger - Agricultural Losses Survey 2024

Ministry of Agriculture and Livestock (MAG/EL, Ministère de l'Agriculture et de l'Élevage), Statistics Department (DS, Direction des Statistiques)

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Identification

SURVEY ID NUMBER

NER_2024_EPA_v01_M_v01_A_ESS

TITLE

Agricultural Losses Survey 2024

ABBREVIATION OR ACRONYM

EPA 2024

TRANSLATED TITLE

Enquête sur les Pertes Agricoles 2024

COUNTRY

Name	Country code
NIGER	NER

STUDY TYPE

Agricultural Survey [ag/oth]

SERIES INFORMATION

This is the first survey on agricultural losses conducted in Niger that covers both physical and declarative measurements.

ABSTRACT

The main objective of this survey is to enhance the quality and reliability of data of the National Statistical System (SSN, Système Statistique National). Specifically, it will:

- Measure agricultural losses during harvesting and post-harvest activities for the 2024 agricultural season
- Update existing values and establish values for other crops
- Propose an operational strategy to reduce post-harvest losses
- Improve the quality and reliability of statistics on agricultural losses

The survey covered a nationally representative sample of 720 households. The main sections covered in this study are:

- Socio-demographic characteristics of the households
- Agricultural practices
- Physical measurement of agricultural losses
- Declarative measurement of agricultural losses

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Individuals responsible for fields and agricultural households, fields and agricultural plots, crops.

Scope

TOPICS

Topic
Physical measurement of agricultural losses
Declarative measurement of agricultural losses
Agricultural practices
Main causes of agricultural losses

KEYWORDS

Keyword
Agricultural Losses
Agricultural Losses during Harvest
Agricultural Losses Post-Harvest

Coverage

GEOGRAPHIC COVERAGE

National Level

UNIVERSE

The study universe encompasses all agricultural holdings.

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Ministry of Agriculture and Livestock (MAG/EL, Ministère de l'Agriculture et de l'Élevage), Statistics Department (DS, Direction des Statistiques)

PRODUCERS

Name	Abbreviation	Affiliation
National Institute of Statistics (Institut National de la Statistique)	INS	Ministry of Economy and Finance (Ministère de l'Économie et des Finances)

FUNDING AGENCY/SPONSOR

Name	Role	Abbreviation
Government of Niger	Funding technical staff and collection equipment	
Project for the Harmonisation and Improvement of Statistics in West and Central Africa (Projet d'Harmonisation et d'Amélioration des Statistiques en Afrique de l'Ouest et du Centre)	Funding the survey (excluding technical staff)	PHASAO

Sampling

SAMPLING PROCEDURE

A nationally representative random subsample of 720 households was selected from the frame of the Forecast and Estimation of Harvest Survey (EPER, Enquête Prévision et Estimation des Récoltes). This selection was made taking into account the specific characteristics of the country's agro-ecological zones.

Seven regions of the country were covered by the survey:

- Agadez: Tchirozérine, Aderbissinet, and Ingall
- Diffa: Mainé-soroa, Diffa, and Goudoumaria
- Dosso: Boboye, Gaya, Dosso, Dogondoutchi, Dioundiou, Loga, and Tibiri
- Maradi: Dakaro, Tessaoua, Madarounfa, Guidan Roumdji, Aguié, and Mayahi
- Tahoua: Madaoua, Konni, Tahoua, Abalak, Keita, Illéla, and Bouza
- Tillabéri: Fillingué, Tillabéri, Téra, Kollo, Ouallam, Gothèye, and Say
- Zinder: Magaria, Gouré, Tanout, Damagaram Takaya, Kantché, Mirriah, and Dungass

RESPONSE RATE

At the end of the data collection period, the survey coverage rate was 94.2 percent for agricultural producers and 66.7

percent for wholesale traders and government agencies.

Data collection

DATES OF DATA COLLECTION

Start	End
2024-09-25	2024-12-15

DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

DATA COLLECTION NOTES

A total of 160 agents, comprising 120 investigators and 40 team leaders, were mobilized for this survey. Data collection was supervised through a field supervision mission (all regions) and online monitoring by team leaders and the technical team of the Statistics Department.

Questionnaires

QUESTIONNAIRES

Two questionnaires were developed for the survey: one questionnaire for agricultural producers and one for retailers.

Access policy

CONTACTS

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CONFIDENTIALITY

The SSN Dissemination Policy Law N°2004-011 of 30 March 2004, amended and supplemented by Law No. 2014-66 of 5 November 2014.

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CITATION REQUIREMENTS

Direction des Statistiques, Ministère de l'Agriculture et de l'Elevage (DS-MAG/EL), Enquêtes sur les pertes post-récoltes (EPPR 2024).

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Metadata production

DDI DOCUMENT ID

DDI_NER_2024_EPA_FAO

PRODUCERS

Name	Affiliation	Role
Statistics Department (Direction des Statistiques)	Ministry of Agriculture and Livestock (MAG/EL, Ministère de l'Agriculture et de l'Elevage)	Metadata producer
Statistics Division	Food and Agriculture Organization of the United Nations	Metadata adapted for FAM

Data Dictionary

Data file	Cases	Variables
menagePPR_ano Elle contient les informations qui se rapportent directement aux ménages agricoles ayant fait l'objet de l'enquête	678	2
s1r1_ano Base membre responsable de champs : elle contient des informations qui se rapportent au membre du ménage responsable de champs	701	11
s2r2_ano Base parcelle : elle contient les informations qui se rapportent aux parcelles exploitées au sein des champs ainsi que les pratiques agricoles.	787	10
s2r3_ano Base sur les mesures physiques des pertes par culture et par parcelle : Cette base traite d'une part les questions relatives à la mesure objective et déclarative des pertes à la récolte et d'autre part les mesures physiques des opérations post-récoltes (séchage, battage/décorticage, vannage/nettoyage, transport)	1529	71
s3br1_ano Base sur les pertes par déclaration des opérations post-récoltes par culture. Cette base traite les questions relatives à la mesure déclarative des opérations post-récoltes (séchage, battage/décorticage, vannage/nettoyage)	1341	19
s3cr1_ano Base sur les pertes par déclaration au stockage par culture : Cette base traite les questions relatives à la mesure déclarative des pertes au stockage	1371	29
COMMERCANTPPR_ano Cette base contient des informations se rapportant aux commerçants grossistes et les offices gouvernementaux	80	3
s1r1_Com_ano Cette base contient des informations relatives aux pertes déclaratives pendant le stockage des commerçants grossistes et des offices gouvernementaux.	181	35