

Senegal - National Food Security, Nutrition and Resilience Survey, 2019

Executive Secretariat of the National Food Security Council (SECNSA)

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Overview

Identification

ID NUMBER

SEN_2019_NFSNRS_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

The government of Senegal has opted to conduct an integrated food security, nutrition and resilience survey (ENSANR) in January-February 2019. This is a nationwide statistical survey conducted according to the SMART model and has been organised in close collaboration with the Ministry of Health and Social Action (MSAS).

The ENSANR is a stratified, two-stage sample survey. The calculation of the size of the different samples was carried out using the ENA software, July 2015 version. The sample was drawn by the Agence nationale de la Statistique et de la Démographie (ANSD) with the sampling frame from the 2013 RGPHAE.

The RDs and households were drawn using the systematic drawing procedure. Within each selected household, all children aged 0-59 months were included in the sample.

Data collection was done using tablets via the SapMobil application. The data entered was sent daily to the platform for quality and completeness analysis and feedback to supervisors and team leaders in the field.

The survey is repeated every three (3) to five (5) years.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Households

Scope

NOTES

The scope of the study covers:

- Characteristic of the household
- Household living conditions
- Household food consumption
- Household income and expenditure
- Shocks and coping strategies
- Women's anthropometry
- Child anthropometry
- Infant and young child feeding
- Salt iodization

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

All ordinary rural and urban households in the 14 regions and 45 departments of Senegal.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Executive Secretariat of the National Food Security Council (SECNSA)	General Secretariat of the Government (SGG)

OTHER PRODUCER(S)

Name	Affiliation	Role
Directorate of Maternal and Child Health	Directorate of Maternal and Child Health	

FUNDING

Name	Abbreviation	Role
World Food Program	WFP	
Food and Agriculture Organisation	FAO	
UNICEF	UNICEF	
Building Resilience to Recurrent Food Insecurity in Senegal	DRIAS	
Programme for Building Resilience to Food and Nutrition Insecurity in the Sahel	P2RS	
United States Agency for International Development	USAID	
Government of Canada		
International Nutrition		
Action Against Hunger		
Government of Senegal		
Hellen Keller		

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
General Secretariat of the Government	SECNSA	Senegal Government	Metadata producer
Office of Chief Statistician	OCS	Food and Agriculture Organization	Adoption of metadata for FAM

DDI DOCUMENT VERSION

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DDI DOCUMENT ID

DDI_SEN_2019_NFSNRS_v01_EN_M_v01_A_OCS_FAO

Sampling

Sampling Procedure

The sampling method chosen for this survey was a two-stage systematic cluster random sampling.

The selection of the census districts was done by a systematic random draw based on the probability proportional to the population size of the primary sampling units (PSUs). This is done at each stratum level independently.

The second stage of sampling consisted of the selection of households within the drawn PDs. The selection of households was done using the systematic random method with a sampling step (P).

In total, the sample consisted of 16 strata, 515 census districts (CDs), 7,847 households, 11,684 children under 5 years of age and 12,783 women.

Deviations from Sample Design

0.2% (2 RDs) of Dakar's census districts not visited

5.2% of planned households not surveyed (only Diourbel, Fatick, Kaffrine and Kolda regions had 100%)

Response Rate

99,8 % for census districts

94,8 % for households

Weighting

Poids_DR

Questionnaires

Overview

Household questionnaire

Questionnaire anthropometry children 0-59 months

Anthropometric questionnaire women 15-49 years

Data Collection

Data Collection Dates

Start	End	Cycle
2019-01-28	2019-02-20	N/A

Data Collection Mode

Computer Assisted Personal Interview [capi]

Data Collection Notes

Data collection was carried out by 32 teams of 4 agents throughout the country. Each team was composed of two interviewers and two measuring agents. Two (02) pairs, i.e. 4 interviewers, were responsible for interviewing one stratum independently of the others. Each pair was made up of one interviewer who was familiar with the collection tablet and another who was an anthropometric measurer. These questionnaires were converted into an electronic version that could be downloaded onto tablets using the Android operating system.

The collection was done with the tablets via the Sapmobil application version 1.6v developed under WLanguage and JAVA. The paper version of the "child anthropometry" questionnaire was also used as a support in all households. The data collected via SapMobil are sent to a server housed at the SE-CNSA where they are decoded and exported in Excel format for the purposes of auditing and analysis.

Anthropometric equipment: A SECA scale for weight measurement, a graduated toise for height measurement and brachial ribbons for measuring brachial preperimeter were made available to each pair.

Questionnaires

Household questionnaire

Questionnaire anthropometry children 0-59 months

Anthropometric questionnaire women 15-49 years

Data Processing

No content available

Data Appraisal

Other forms of Data Appraisal

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