Democratic Republic of the Congo - Food Insecurity Experience Scale (FIES)

FAO Statistics Division

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Identification

SURVEY ID NUMBER
COD_2021_FIES_v01_EN_M_v01_A_OCS

TITLE
Food Insecurity Experience Scale (FIES)

COUNTRY

Name	Country code
Democratic Republic of the Congo	COD

STUDY TYPE
Socio-Economic/Monitoring Survey [hh/sems]

ABSTRACT
Sustainable Development Goal (SDG) target 2.1 commits countries to end hunger, ensure access by all people to safe, nutritious and sufficient food all year around. Indicator 2.1.2, "Prevalence of moderate or severe food insecurity based on the Food Insecurity Experience Scale (FIES)", provides internationally-comparable estimates of the proportion of the population facing difficulties in accessing food. More detailed background information is available at http://www.fao.org/in-action/voices-of-the-hungry/fies/en/ . The FIES-based indicators are compiled using the FIES survey module, containing 8 questions. Two indicators can be computed: 1. The proportion of the population experiencing moderate or severe food insecurity (SDG indicator 2.1.2), 2. The proportion of the population experiencing severe food insecurity. These data were collected by Kantar, on behalf of the Food and Agriculture Organization (FAO). General information on the methodology and implementation is available in the documentations tab. National institutions can also collect FIES data by including the FIES survey module in nationally representative surveys. Microdata can be used to calculate the indicator 2.1.2 at national level. Instructions for computing this indicator are described in the methodological document available in the documentations tab. Disaggregating results at sub-national level is not encouraged because estimates will suffer from substantial sampling and measurement error.

KIND OF DATA
Sample survey data [ssd]

UNIT OF ANALYSIS
Individuals

Scope

NOTES
This dataset contains demographic variables related to number of adults and children in the household, age, education, area (urban/rural), gender, and income. Also, the FIES survey module includes the following questions to compute the FIES-based indicators: During the last 12 months, was there a time when, because of lack of money or other resources: 1. You were worried you would not have enough food to eat? 2. You were unable to eat healthy and nutritious food? 3. You ate only a few kinds of foods? 4. You had to skip a meal? 5. You ate less than you thought you should? 6. Your household ran out of food? 7. You were hungry but did not eat? 8. You went without eating for a whole day? The dataset also includes derived variables computed by FAO described in the documentation.

TOPICS

Topic
SDGs
Food Access

KEYWORDS

Keyword
Food Insecurity

SDG

Coverage

GEOGRAPHIC COVERAGE
National

UNIVERSE
Individuals of 15 years or older with access to landline and/or mobile phones.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
FAO Statistics Division	FAO

Sampling

SAMPLING PROCEDURE
A multi-stage sampling, random route walk method was employed. The first level was an automatic selection of all administrative level one units in the country. After this, PSUs were selected in each units, followed by SSUs. Exclusions: None Design effect: NA

WEIGHTING
The sample data was weighted to minimize bias in survey-based estimates. The weighting procedure was formulated based on the sample design and was carried out in multiple stages. A probability weight factor (base weight) was constructed to account for selection of telephone numbers from the respective frames and correct for unequal selection probabilities as a result of selecting one adult in landline households and for dual-users coming from both the landline and mobile frame. At the next step, the base weights were post-stratified to adjust for non-response and to match the weighted sample totals to known target population totals obtained from country level census data.

Data Collection

DATES OF DATA COLLECTION

Start	End
2021-11-15	2021-12-15

DATA COLLECTION MODE
Computer Assisted Personal Interview [CAPI]

Data Processing

DATA EDITING
Statistical validation assesses the quality of the FIES data collected by testing their consistency with the assumptions of the Rasch model. This analysis involves the interpretation of several statistics that reveal 1) items that do not perform well in a given context, 2) cases with highly erratic response patterns, 3) pairs of items that may be redundant, and 4) the proportion of total variance in the population that is accounted for by the measurement model.

Data Appraisal

ESTIMATES OF SAMPLING ERROR
The margin of error is estimated as NA. This is calculated around a proportion at the 95% confidence level. The maximum margin of error was calculated assuming a reported percentage of 50% and takes into account the design effect.

Access policy

CONTACTS

Name	Affiliation	Email	URL
FAO Statistics Division	FAO	Carlo.Cafiero@fao.org	Link

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Metadata production

DDI DOCUMENT ID
DDI_COD_2021_FIES_v01_EN_M_v01_A_OCS_FAO

PRODUCERS

Name	Abbreviation	Affiliation	Role
Office of the Chief Statistician	OCS	FAO	Metadata producer

DDI DOCUMENT VERSION
COD_2021_FIES_v01_EN_M_v01_A_OCS_v01

Data Description

Data file	Cases	Variables
COD_2021_FIES_v01_EN_M_v01_A_OCS	5489	22

Data file	**Cases**	**Variables**
COD_2021_FIES_v01_EN_M_v01_A_OCS	5489	22