

TERMS OF REFERENCE

Senior Data Analyst

Title: Senior Data Analyst

Project: Rwanda CFSVA

Duration: 16 days

Background:

The Comprehensive Food Security and Vulnerability Analysis (CFSVA) in Rwanda is being undertaken by National Institute of Statistics (NIS) in collaboration with WFP, UNICEF and partners to provide an accurate and detailed assessment of the current food and nutrition security situation in Rwanda. The previous CFSVA took place in 2006. Particularly vulnerable households shall be identified and the context in which they live critically reviewed for the risk factors and potential ways to mitigate them. The findings shall inform country level programming decisions for WFP and its collaborating agencies as well as serve as a public good for other national and international stakeholders implementing food security related interventions. WFP has taken the lead providing technical oversight, analysis and reporting. In this context, WFP Rwanda seeks the service of a junior analyst to work on the data analysis of this study.

Through an in-depth data collection and analysis exercise, the CFSVA will provide the Rwanda Government and the humanitarian community with information on:

- Levels of household food insecurity including the identification and characterization of socio-economic groups (based on demographic characteristics and livelihood/rural labour patterns) most vulnerable to food insecurity;
- The areas and population groups that are the most food insecure, including: how many they are, their geographic distribution, causes why they are food insecure, and how external assistance can make a difference in reducing hunger and supporting their livelihoods;
- Malnutrition among children and mothers of sampled households, health conditions (including mortality) and care practices with the aim to analyse root causes of malnutrition as well as linkages between food security and nutrition;
- Changing importance of agricultural production to household livelihood strategies; analysis of food production constraints; extend of post-harvest losses and their impact on the food security situation; and how improved crop production, livestock restocking and market initiatives can contribute to improve the food security situation;
- Identification of key-indicators that could be measured through a Food Security Monitoring System to assess changes and trends in food security and vulnerability over time; and

- Provide first recommendations on the development of national food security and food aid strategies.

Task and responsibilities

The Senior Data Analyst under the supervision of the Regional VAM Advisor and in close cooperation with survey counterparts, in particular NIS and UNICEF, will undertake the data cleaning and analysis which would contribute to the report-writing by the CFSVA Report Coordinator. In detail the Senior Data Analyst will be responsible for the following tasks:

- Develop analysis plan with the WFP Rwanda CO VAM unit and meet and discuss analysis steps with relevant stakeholders
- Work with NIS to carry out data cleaning and analysis of community, household, child nutrition/health and mortality data
- Provide technical support the NIS in data analysis and ensure appropriate result outputs are generated in the expected CFSVA formats
- Support the CFSVA Report Coordinator in developing the report structure in accordance with the survey objectives
- Train the junior analyst on management and analysis of nutrition data and (on the job learning component of the mission covered by the ENCAP funds, estimated time: 2 working days).

Timeline

Activity	March			
	1	2	3	4
1. Develop of analysis plan and consult with main stakeholders				
2. Data cleaning				
3. Data analysis				
4. Support the development of the report structure				

Requirements

- Postgraduate degree in social science, geography, economics, public health or related field
- Very good skills in SPSS, Word, Excel. Experience in Access of advantage.
- Experience in food security and nutrition data analysis, preferably in a post-crisis context
- Excellent writing and communication skills in English. Knowledge of French is preferred.