

Food Security Information System for Nepal



Relevance of food security information

The Government of Nepal has prioritized ensuring food security for all its citizens and recognizes food sovereignty as a basic human right. The core elements of food security are availability, access, and utilization. Regular tracking of these indicators helps devise appropriate strategies and policies to eradicate hunger. Lack of adequate information on food security indicators hinders the design and implementation of effective management plans.

The United Nations World Food Programme (WFP) Nepal works with the Government of Nepal to monitor food security and vulnerabilities arising from disasters and other factors across spatial scales. However, current data

collection and dissemination lacks a unified platform to observe overall indicators of food security over the short and long terms.

Design and core functionalities

Recognizing the effectiveness of a single information access platform, the International Centre for Integrated Mountain Development (ICIMOD) in collaboration with WFP Nepal and the Monitoring, Analysis, and Statistics Division of Nepal's Ministry of Agricultural Development has developed a Food Security Information System for Nepal. The system helps compile, analyse, and disseminate comprehensive information on food security in Nepal.

The Food Security Information System, a one-stop gateway, provides information on the following indicators.

The interactive platform uses web geographic information system functionalities, enabling the user to view and generate information on the various “estimation types” and “measures” for food security – e.g., stunting, food insecurity, caloric intake gap – at district and sub-district levels through dynamic maps, graphs, and charts.

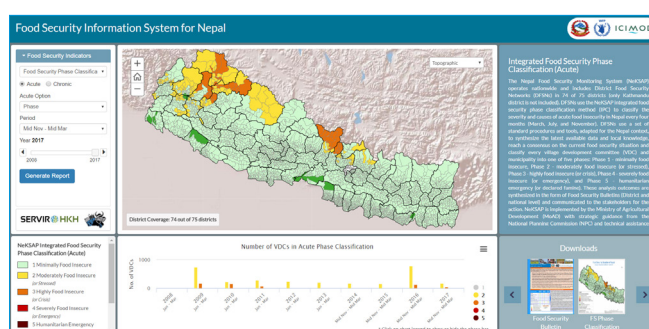
The system aims to contribute to a better understanding of the spatial patterns of food security, poverty, and malnutrition in Nepal in order to provide a solid basis



KEY ELEMENTS OF THE INFORMATION SYSTEM

Indicator	Description	Update frequency
Food security phase classification	The Nepal Food Security Monitoring System (NeKSAP) operates nationwide and includes District Food Security Networks in all districts (except Kathmandu). These networks use the NeKSAP integrated food security phase classification method to classify the severity and causes of acute food insecurity in Nepal.	Quarterly
Market food price	Market Watch is produced by WFP Nepal as part of NeKSAP in collaboration with the Agri-business Promotion and Marketing Development Directorate, Federation of Nepalese Chambers of Commerce and Industries, and Consumer's Interest Protection Forum.	Monthly
Food security – small-area estimation	The Government of Nepal's National Planning Commission, Central Bureau of Statistics, and the United Nations Children's Fund have published two small-area estimation reports: <ul style="list-style-type: none"> • <i>Small area estimation of poverty, caloric intake and malnutrition</i> (2001) • <i>Small area estimation of food insecurity and under nutrition</i> (2011) 	10 yearly

for the development of a comprehensive national food security plan. Additionally, policy makers and institutions working on food security management will have improved ability to access and use up-to-date food security information to design and develop appropriate relief efforts and policies to aid availability, access, and utilization.



The Food Security Information System for Nepal provides a one-stop access point to compile, analyse, and disseminate important information on food security.



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The International Centre for Integrated Mountain Development (ICIMOD) implements the SERVIR Hindu Kush Himalaya (SERVIR-HKH) Initiative – one of five regional hubs of the SERVIR network – in its regional member countries, prioritizing activities in Afghanistan, Bangladesh, Myanmar, Nepal, and Pakistan.

NeKSAP is implemented by the Ministry of Agricultural Development with the strategic guidance of the National Planning Commission. The WFP currently provides technical assistance for NeKSAP with funding from UK Aid from the UK government.

For further information

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