



Food and Agriculture
Organization of the
United Nations

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FAO DIGITAL SERVICES PORTFOLIO

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Working together for Zero Hunger
through digital innovation

FOOD PRICE MONITORING AND ANALYSIS (FPMA) TOOL

This customizable tool supports country-level analysis and dissemination of agricultural commodity prices. Through an online interface it allows users to browse and analyse price series as well as to make comparisons across markets, commodities and seasons.

ISSUE

All too often, agricultural commodity price data in countries is difficult to access, despite its importance for a range of stakeholders along the commodity value chains, from producers to final retailers. Price data is also pivotal to ensure evidence-based policy formulation. It improves transparency, contributes to well-functioning markets and is essential to ensure fair agricultural livelihoods and, ultimately, the food security of populations.

The FPMA Tool, developed and customized by the Global Information and Early Warning

System (GIEWS) – part of FAO's Trade and Markets Division – supports the dissemination of price information to all actors along the value chains. Its user-friendly interface also facilitates the timely analysis and use of price information in policy formulation.

ACTION

Initially developed for use at global level, the tool has been adapted for deployment at national and regional level using countries' (or regional bodies') own data, and it can be further customized to meet countries' specific needs. Its online interface allows users to swiftly browse price series, check

- **User-friendly online interface for quick visualization and analysis of price trends.**
- **Comparisons across markets, commodities and seasons.**
- **Easy customization of tool interface and datasets according to countries' specific needs.**



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basic statistics such as percentage changes, and make comparisons across markets, different types of commodities and according to season.

Through integrated data application programming interface (API) services, the tool can also deliver timely data to farmers and traders via FAO's Agrimarket mobile app and serve as a basis for the automated production of regular online or hard-copy bulletins.

The tool is available to all FAO member states and requires a web server and established information technology (IT) infrastructure in the national/regional entity hosting it. Where host IT capacity is strong, the

MORE INFORMATION

GIEWS FPMA Tool: <http://www.fao.org/giews/food-prices/tool>

GIEWS Food Price Monitoring and Analysis website:
<http://www.fao.org/giews/food-prices>



system can be deployed in a matter of days; otherwise, FAO can provide support for its installation.

IMPACT

In countries where it has been deployed, the FPMA Tool has improved access to price data, enabling easy visualization and monitoring of both the latest price movements and historical trends. It serves farmers, traders, market analysts and policy-makers as well as international organizations,

academia and the media, and is a valuable public good.

It is available to all for use on a computer or tablet, and is complemented by an interactive e-learning course "SDG Indicator 2.c.1 – Food price anomalies" on how to monitor domestic food markets and analyse price data when reporting on the SDG indicators, available from the FAO e-learning Centre.

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