

Launch of the Food Security Simulator – Kenya

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KIPPRA Annual Regional Conference
Kilifi, Kenya | June 21, 2023

Motivation and purpose

- Food security in many countries has been impacted by a succession of recent crises.
- Especially when a crisis hits unexpectedly, policymakers need to take quick action.
- To inform such policy action, KIPPRA, KNBS, and IFPRI under the NPS Initiative jointly developed the Food Security Simulator – Kenya (FSSK).
- FSSK is innovative tool for first-cut forward-looking evaluations of direct, household-level outcomes of economic crises and policy responses in a timely manner.
- FSSK is designed for assessing the potential, short-term impacts of food price or household income changes (“shocks”) on food consumption, diet quality, and other food security indicators among different population groups in Kenya.

Features of the Food Security Simulator – Kenya

- Is based on rigorous research, incl. sophisticated food demand models to capture consumer behavior, published in:
 - *Income and price elasticities of food demand (E-FooD) dataset: Documentation of estimation methodology* (IFPRI Data Paper)
 - *A healthy diet is costly, but even with limited income Kenyans can eat better* (IFPRI Policy Brief)
 - *Poverty, price and preference barriers to improving diets in sub-Saharan Africa* (Global Food Security journal article)
- Uses data from representative household surveys (KIHBS).
- Is Easy-to-use, with an intuitive Excel-based interface, and has a detailed user guide.
- Provides detailed simulation results tables, but also concise overview tables and graphs for key indicator results (for e.g., export to policy reports or presentations).

Food Security Simulator **KENYA**



Scan to access the tool

