







Cornell**CALS** College of Agriculture and Life Sciences

Global Alliance for Improved Nutrition

The Food Systems Dashboard

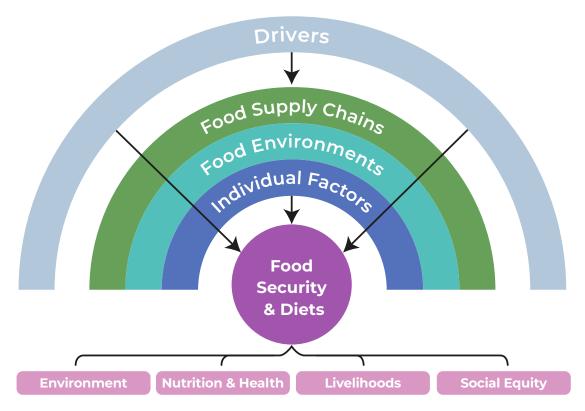
A visual introduction – Africa focus

The Food Systems Dashboard is available online at **foodsystemsdashboard.org**

The Food Systems Dashboard Framework

The Food Systems Dashboard is organized along a framework that includes the components of food systems – food supply chains, food environments, and individual factors – and the drivers that influence these. The framework also includes the outcomes of food systems – diets, food security, nutrition and health, livelihoods, the environment, and equity – as well as cross-cutting issues of governance and resilience. Food systems influence diets by determining which foods are produced, which foods are accessible, both physically and economically, and people's food preferences. They are also critical for ensuring food and nutrition security, people's livelihoods, and environmental sustainability.

Figure 1. The Food Systems Dashboard components



The Food Systems Dashboard Diagnostics

The **Food Systems Dashboard diagnostics** use a red, yellow, and green traffic light system to show country performance at a glance across 39 indicators for over 220 countries and territories in the world. Spread across five domains – food supply chains, food environments, food security, nutrition, and environmental impacts – these indicators help to pinpoint key potential successes and challenges. The latest diagnostics for Kenya, for example (**Figure 2**), show successes in areas including low sales of ultraprocessed foods; low wasting, overweight, and obesity in children under five; and sustainable food production. Challenges on the other hand include low dietary energy in the food supply, a high proportion of people unable to afford a healthy diet and who are undernourished, and a high proportion of children consuming no animal-source foods.

Figure 2. The Food Systems Dashboard national diagnostics – Kenya example

| All Countries & Territories > Eastern Africa Kenya | < Standard View | | |
|--|---|---|--|
| - Kellya | Country Diagnostics | Countdown Indicators | Country Dashboard |
| Diagnose SSESSING FOOD SYSTEMS PERFORMANCE SSESSING FOOD SYSTEMS PERFORMANCE Foduction systems and input supply Average crop species richness Storage and distribution Cereal losses Fruit losses Fruit losses Vegetable losses Pulse losses Food Environments Food availability Dietary energy in the food supply Share of dietary energy from cereals, roots, and tubers Availability of fruits | Total ecolog Greenhouse Biodiversity Water use I Eutrophicat Agricultural Average pro Soil biodive Food security | I impacts gical footprint of food production pe gical footprint of food consumption p a gas emissions of food consumption impact of food consumption per pe inked to food consumption per persor land change during the last 10 year opportion of natural vegetation embe rsity threats index | n per person n per person erson on s dded in agricultural lands |
| Availability of fruits Availability of vegetables Availability of pulses Food affordability Cost of an energy sufficient diet Cost of a healthy diet relative to the cost of sufficient energy from starchy staples Affordability of a healthy diet: ratio of cost to food expenditures Cost of legumes, nuts, and seeds relative to the starchy staples in a least-cost healthy diet Cost of fruits and vegetables relative to starchy staples in a least cost healthy diet Product properties Retail value (total sales) of ultra-processed foods per capita | Percent of the population who cannot afford a healthy diet Prevalence of undernourishment (SDG 2.1.1) Percent population experiencing moderate or severe food insecurity (SDG 2.1 Infant and young child feeding practices MDD (IYCF): Minimum dietary diversity for infants and young children Children (6-23 months): Zero fruit or vegetable consumption Children (6-23 months): Zero meat, fish, or egg consumption Nutritional status | | |
| | Adult obesi Wasting in d Stunting in Overweight Underweigh | ty children under 5 years children under 5 years (SDG 2.2.1) and obesity in children under 5 yea at in women 15-49 years vomen 15-49 years (SDG 2.2.3) | rs |
| Unlikely Challenge Area Potential Challenge Area Likely Challenge Area | Adult diabe | tes prevalence l blood pressure | |

The Food Systems Countdown Initiative Country Profiles

Similar to the Dashboard diagnostics, Food Systems Countdown Initiative country profiles help to identify where countries are doing well and where they are facing challenges compared to regional and incomegroup averages. The Countdown country profile for Nigeria, for example (Figure 3), uses 59 indicators across five themes to show Nigeria's performance compared to Western Africa as a whole, and the world. Looking at the Countdown country profile for Nigeria, we can see some of Nigeria's successes and challenges as compared to Western Africa and the world. Examples of areas where Nigeria is doing well include measures of resilience such as low food price volatility and food supply variability, and measures of governance including the presence of a national food systems transformation pathway and high civil society participation. Examples of challenges Nigeria is facing include food affordability (high cost of healthy diets and high proportion of people unable to afford them) and diet quality (low NCD-Protect score, high proportion of children and adults consuming zero fruits and vegetables, high consumption of soft drinks).

Figure 3. Example of a Countdown country profile



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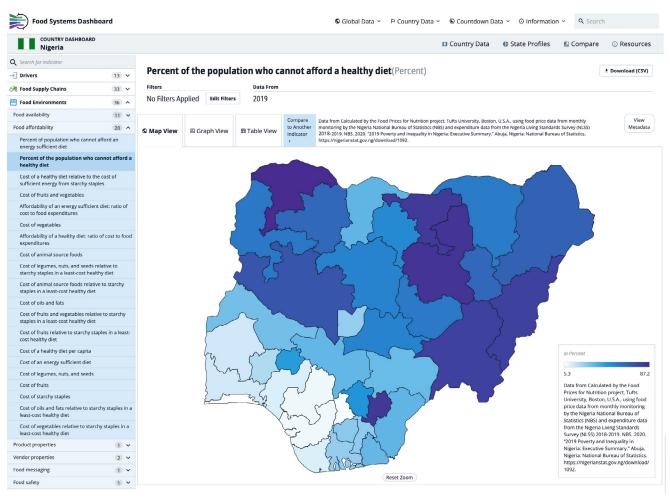
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The Country Dashboards

The Food Systems Dashboard team has partnered with country governments and other stakeholders to launch country dashboards with the subnational data needed to support food systems transformation. These country dashboards have been developed for three countries in Africa – Kenya, Mozambique, and Nigeria, while country-level dashboards are also under development in two further African countries – Ethiopia and Rwanda.

Subnational data under many domains can be displayed on a map (as in **Figure 4** example), graphs, or tables. The Dashboard diagnostics are also available at the subnational level – by county, state, or province.

Figure 4. The Nigeria Dashboard



To discover more, visit the Food Systems Dashboard at www.foodsystemsdashboard.org



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