Food Systems Dashboard

Using the Food Systems Dashboard

for policymakers and researchers

Brief #1: Food systems transformation using the Food Systems Dashboard

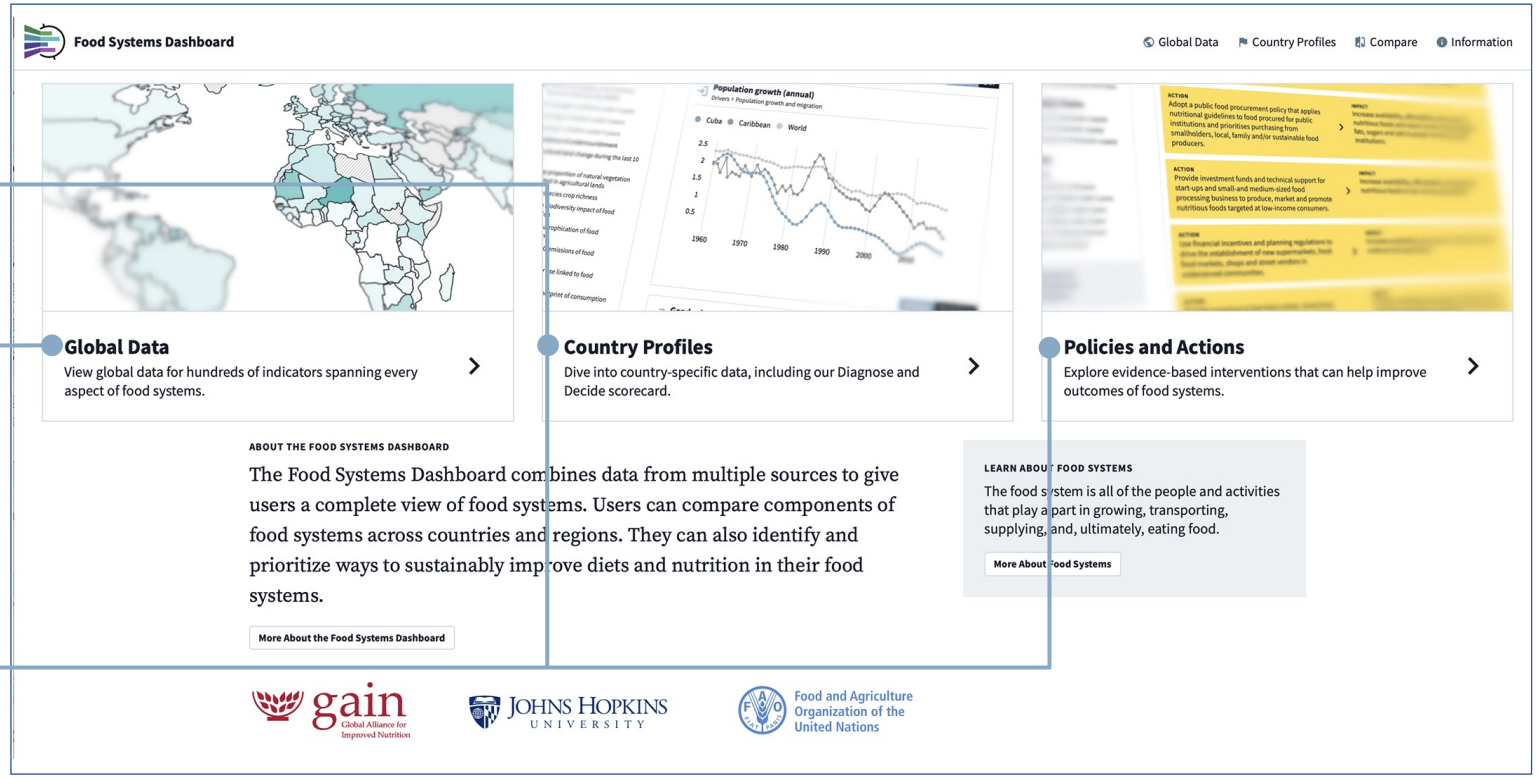
March 2023

What is the Food Systems Dashboard?

The Food Systems Dashboard (FSD) combines data from multiple sources to give a complete view of food systems and is organized around three pillars: Describe, Diagnose, and Decide.

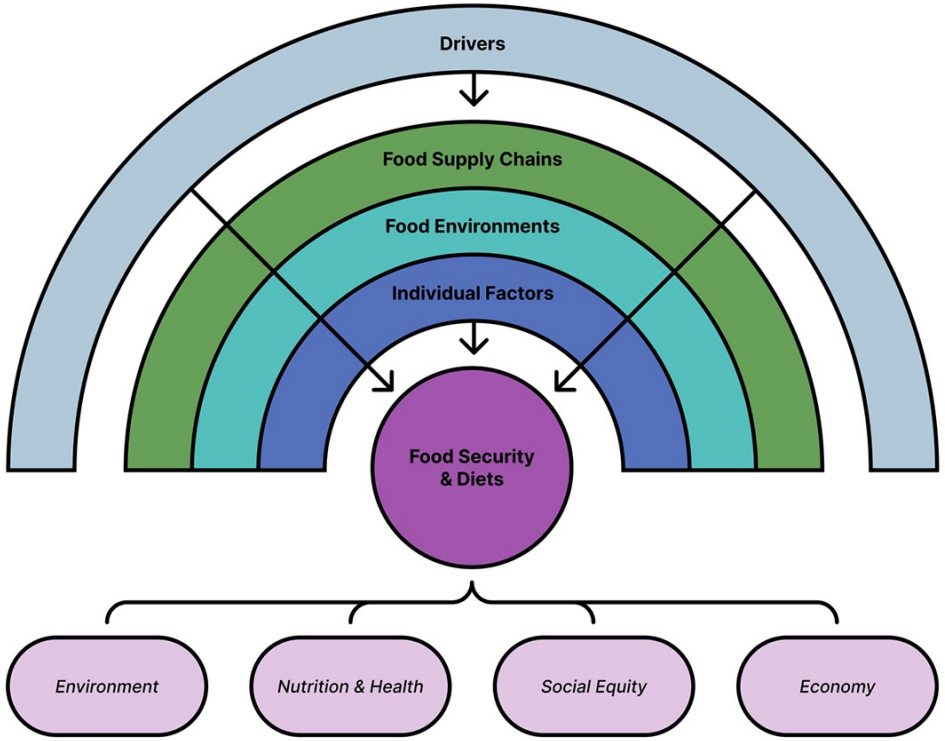
It enables users to:

- View summaries of countries' food systems.
- Compare food system drivers, components, and outcomes across countries and regions, or to global averages.
- Gain insights into challenges and identify actions to improve nutrition, health, and environmental outcomes.



How the Food Systems Dashboard is organized?

- The FSD contains over 225 indicators that measure components, drivers, and outcomes of food systems at the country level.
- The indicators are organized by food system component, based on the framework shown here.



Drivers
Politics & Leadership
Biophysical, Climate, & Environment
Globalization & Trade
Sociocultural Dynamics
Population Growth, Migration, & Conflict
Income Growth & Distribution
Land Use & Urbanization

Food Supply Chains
Food Production Systems & Inputs
Food Storage, Loss, Distribution, & Transport
Food Processing & Packaging
Retail, Markets, & Waste

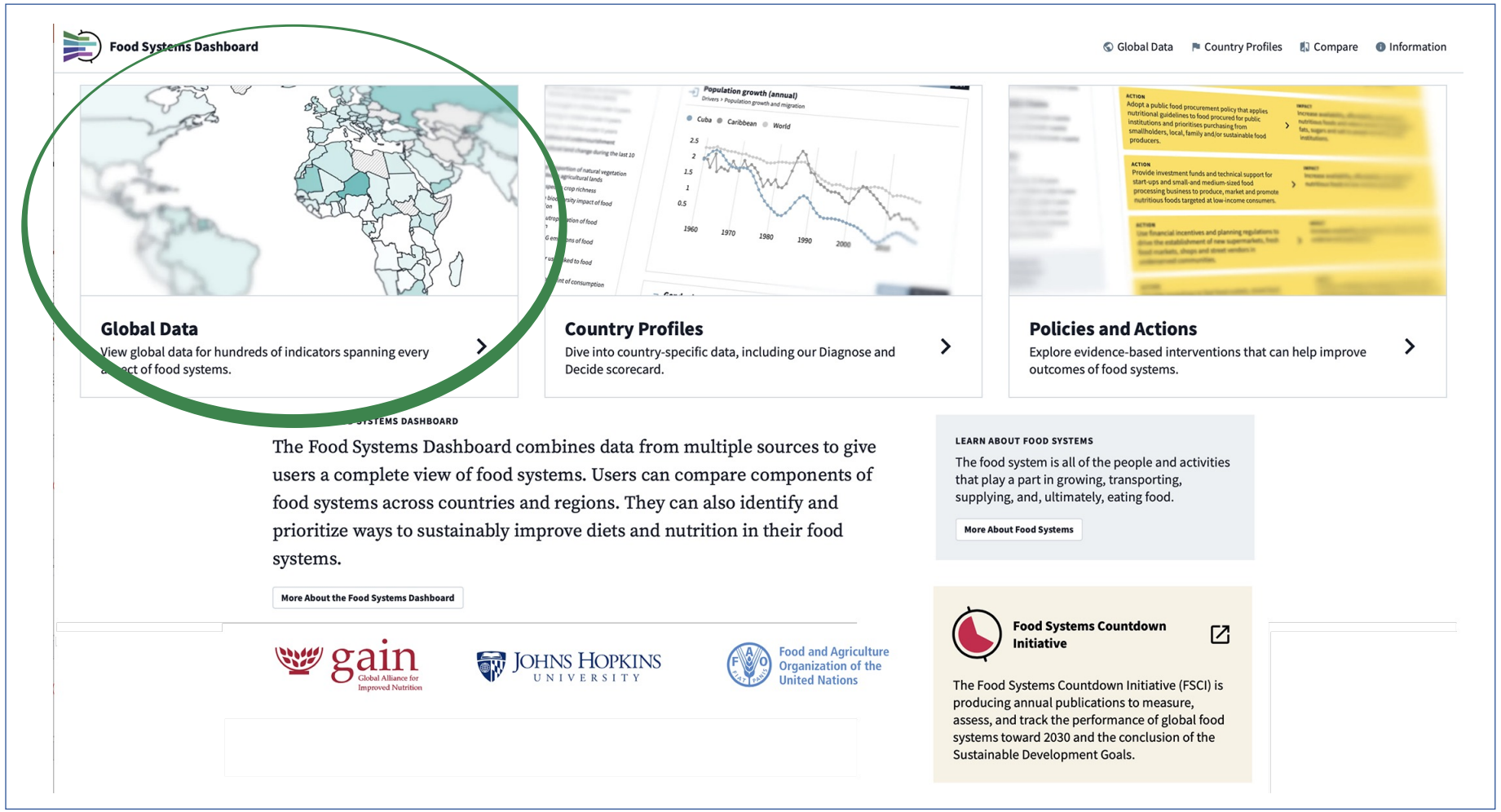
Food Environments
Food Availability
Food Affordability
Product Properties
Vendor Properties
Food Messaging

Individual Factors
Economic
Cognitive
Aspirational
Situational
Behavioral

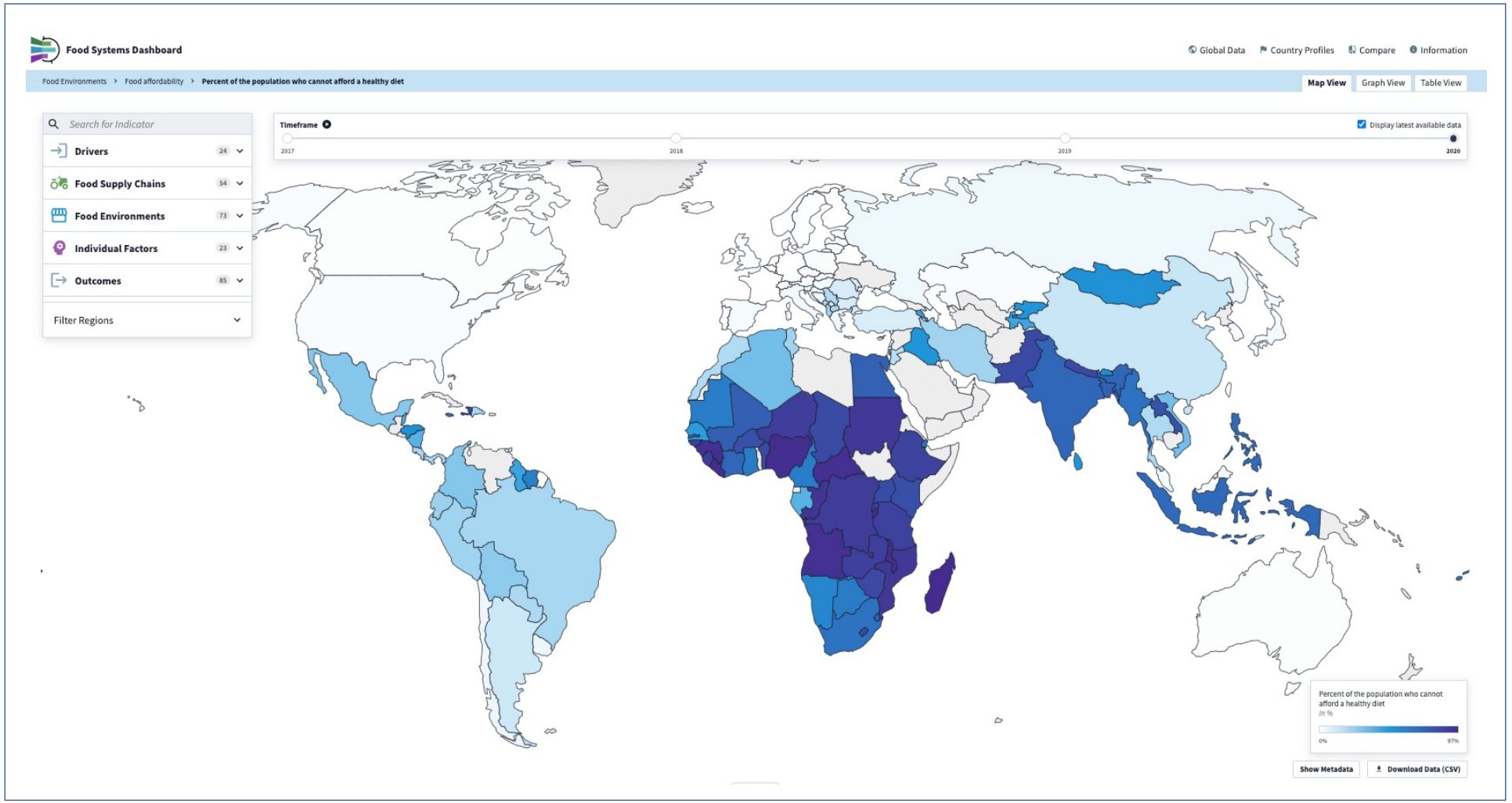
Outcomes
Food Security
Diets

Impacts
Environment
Nutrition & Health
Social Equity
Economy

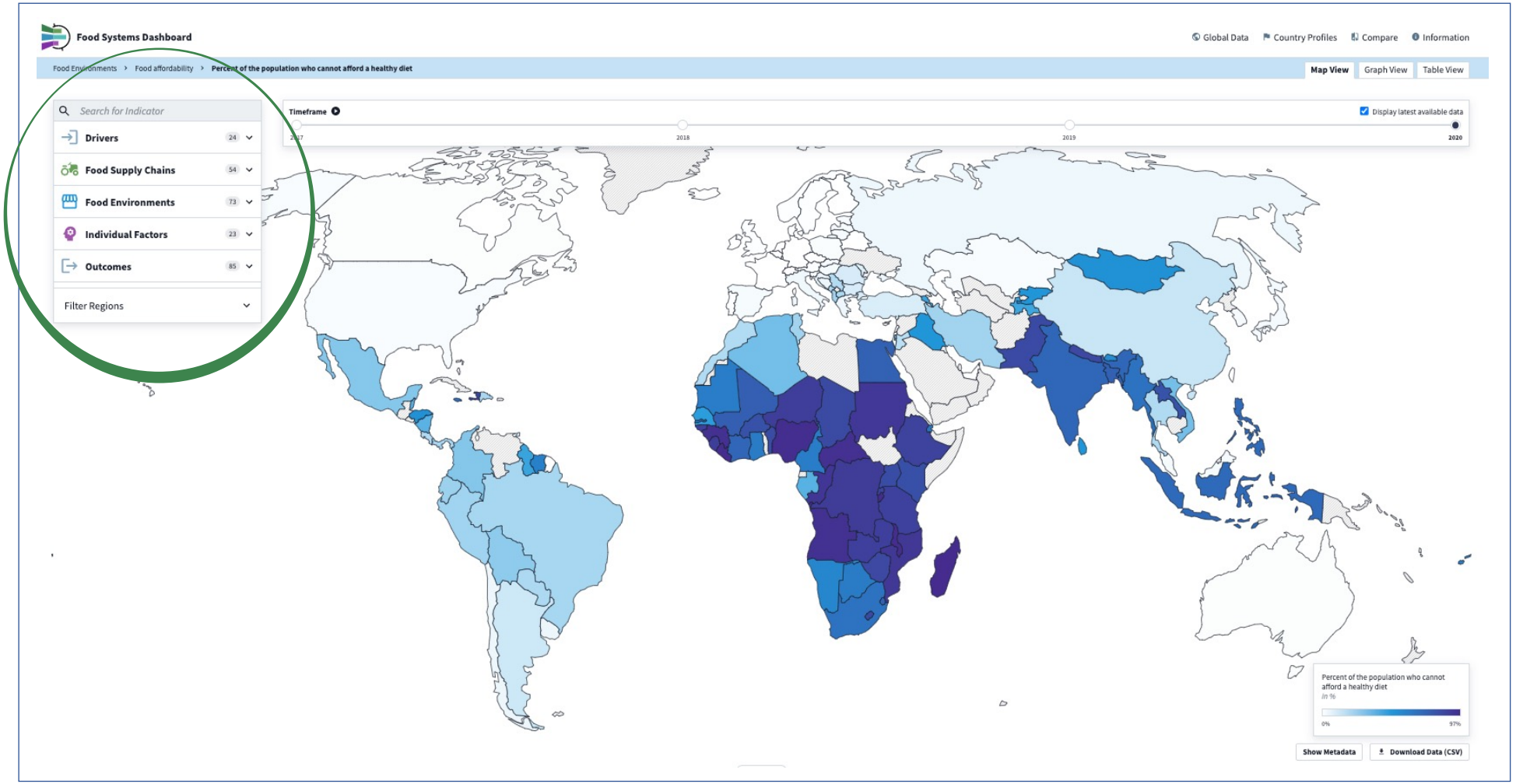
Data are available in different formats - Let’s look at the Global Data section



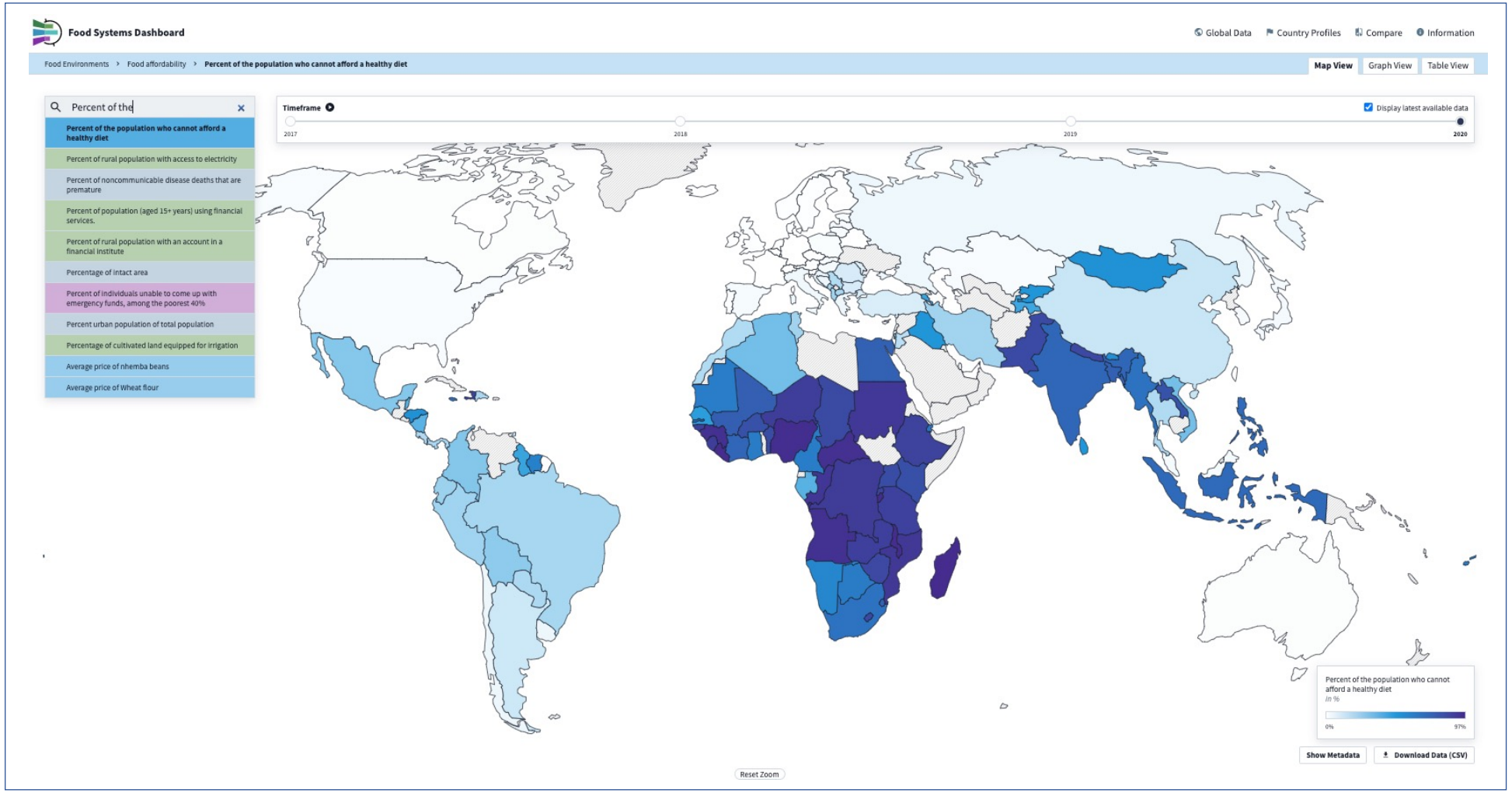
Data can be viewed in map format and across time points



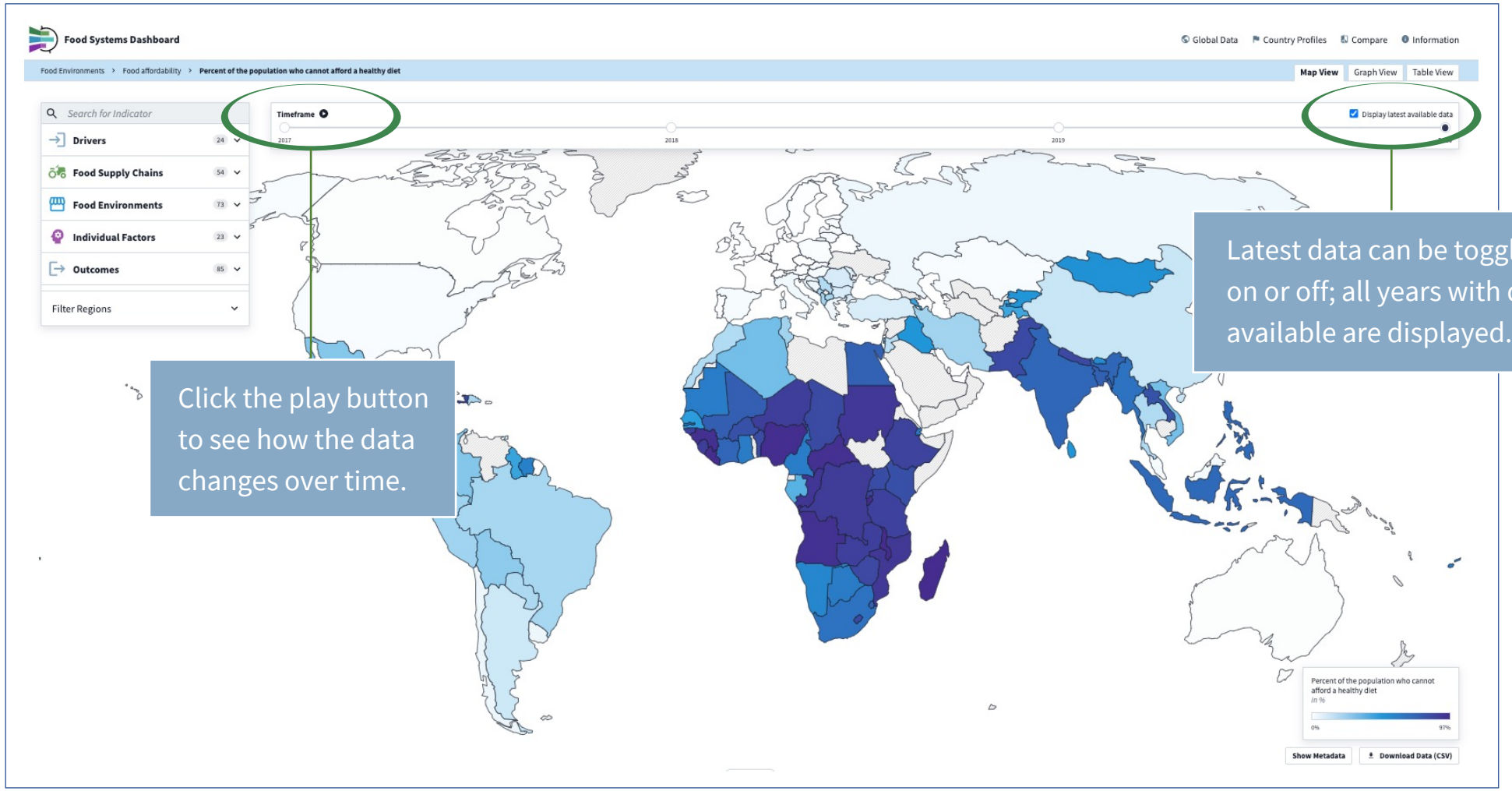
Users can browse data by food system component



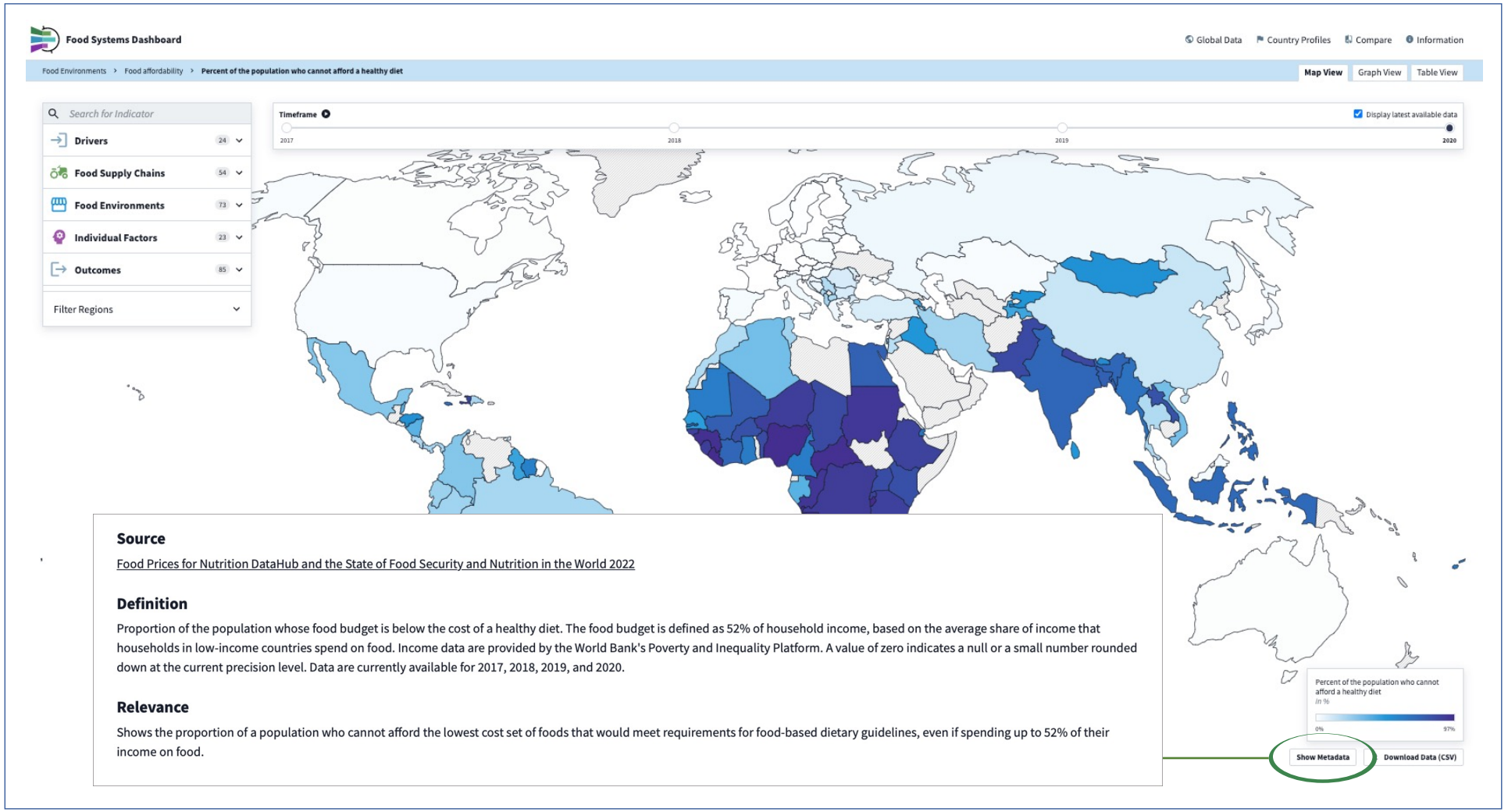
Or search for a specific indicator



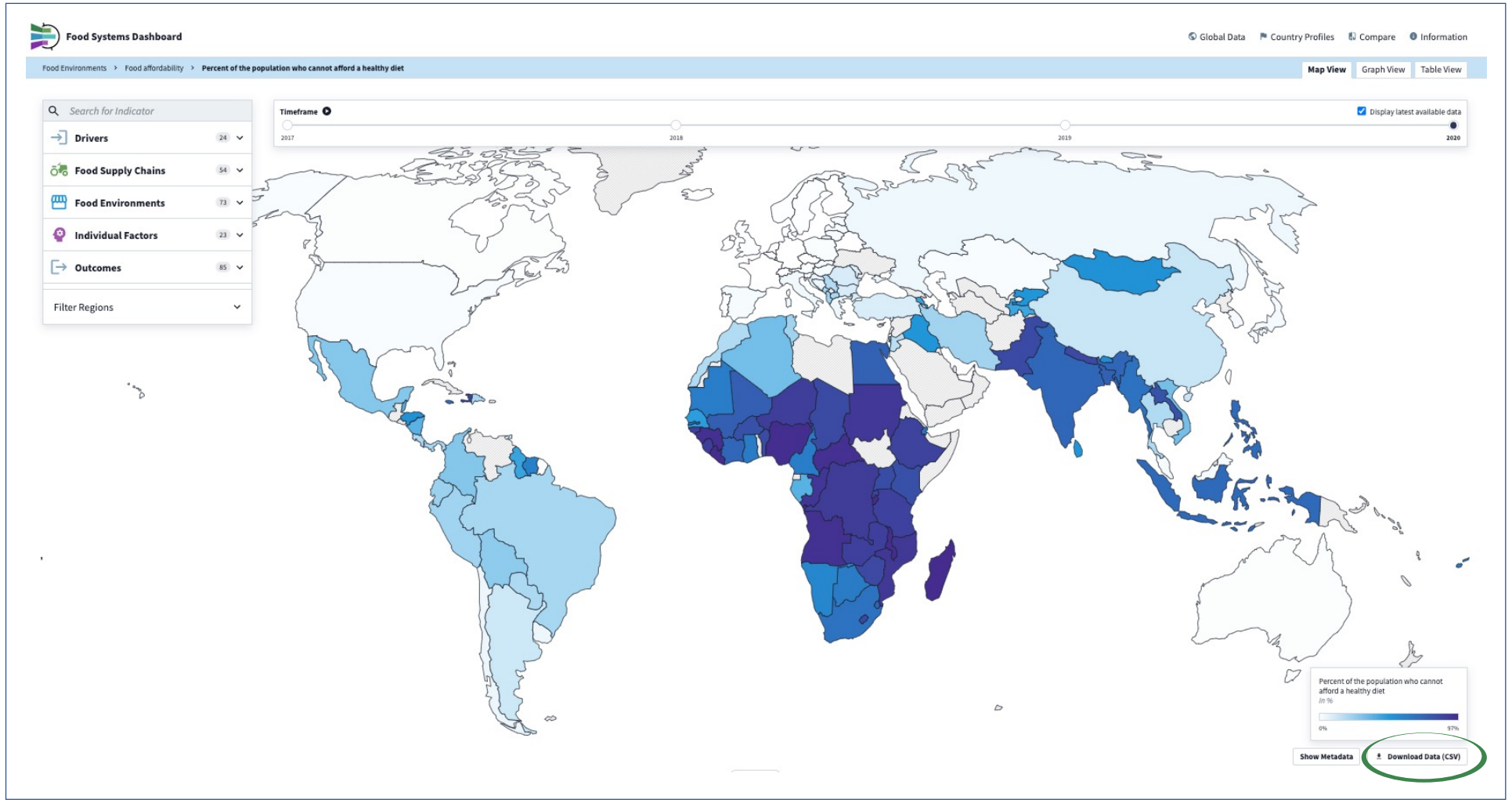
Data can be visually manipulated in map format



View metadata for an in-depth explanation of indicators

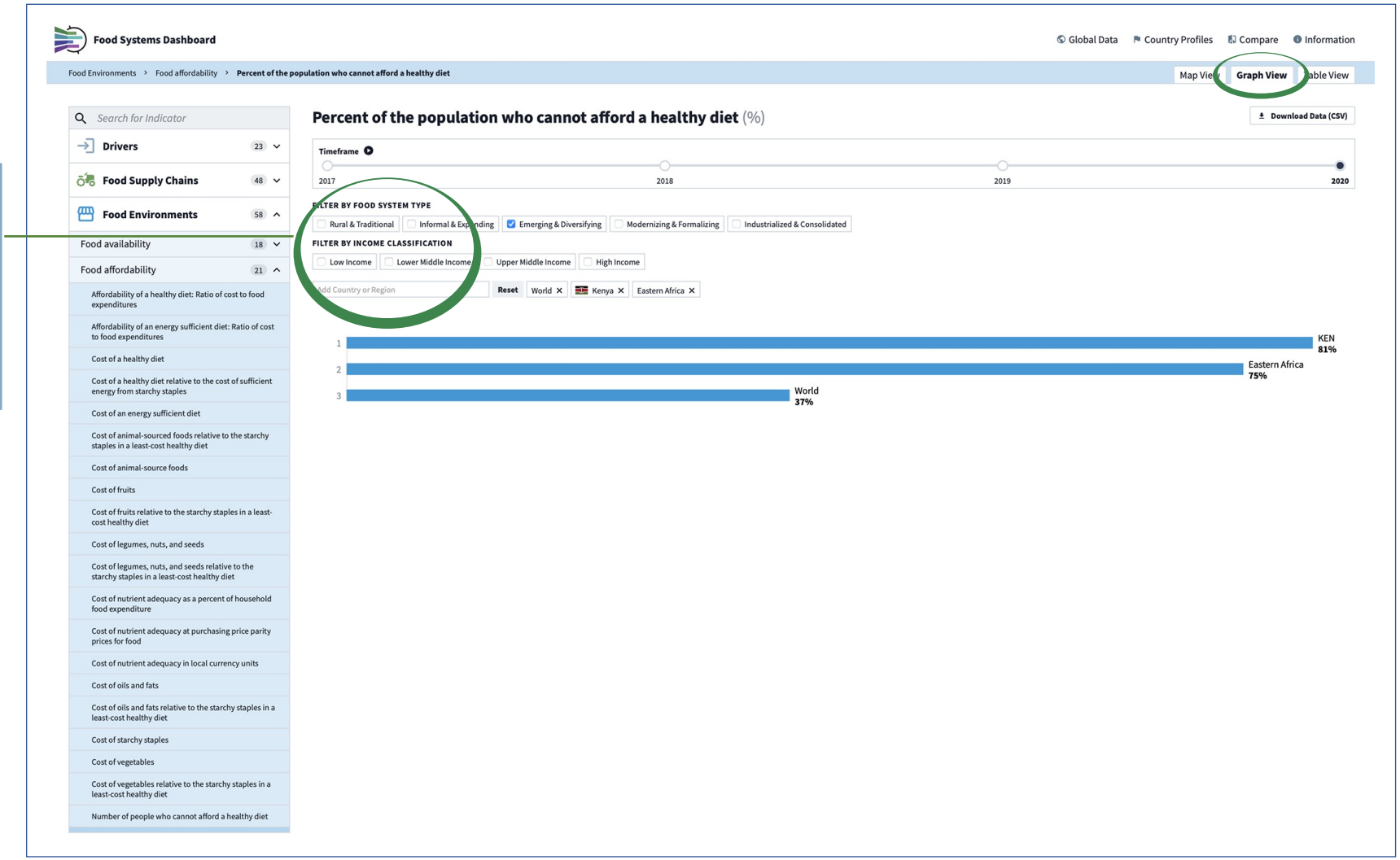


Or download data in CSV format for further analysis

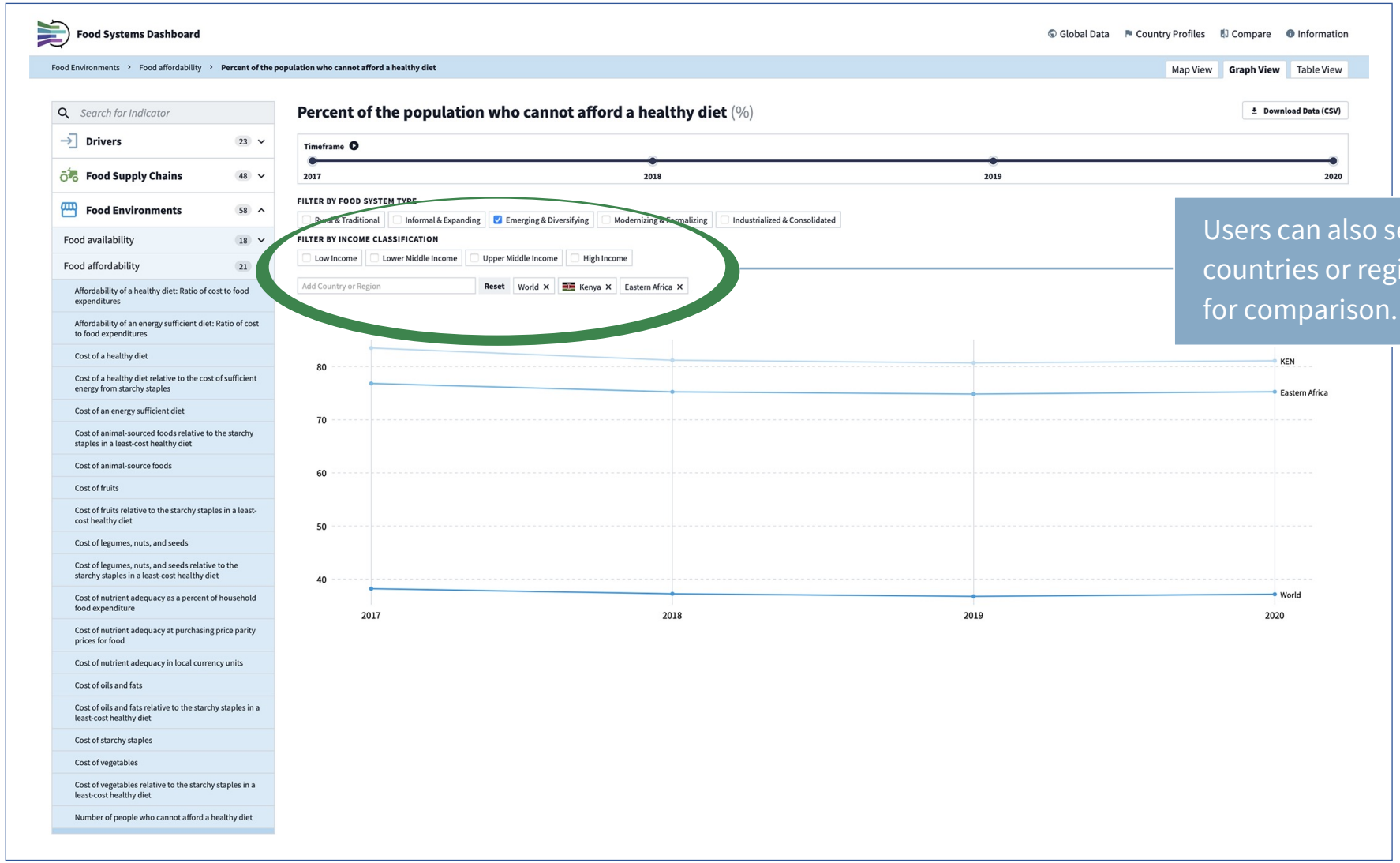


The graph view provides a snapshot in time for an indicator

Filter by food system type or income classification and add countries or regions to the graph.

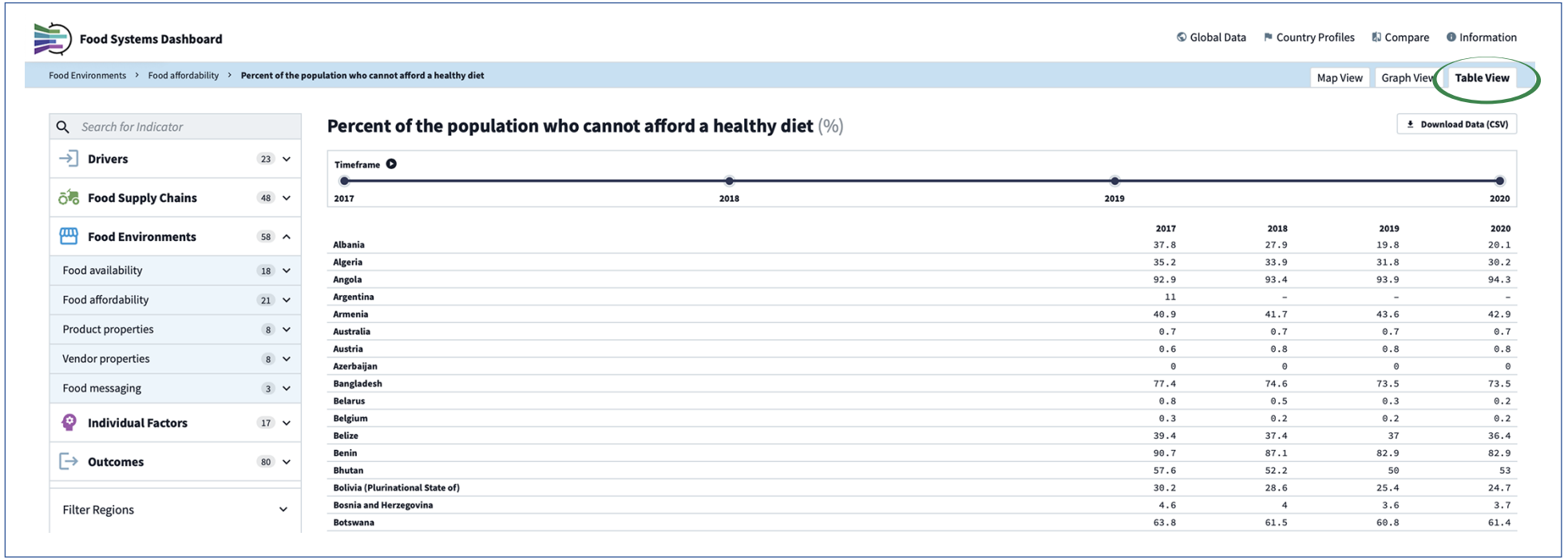


Or trends over time if all years are selected



Users can also select countries or regions for comparison.

The table view provides data by country over available time points

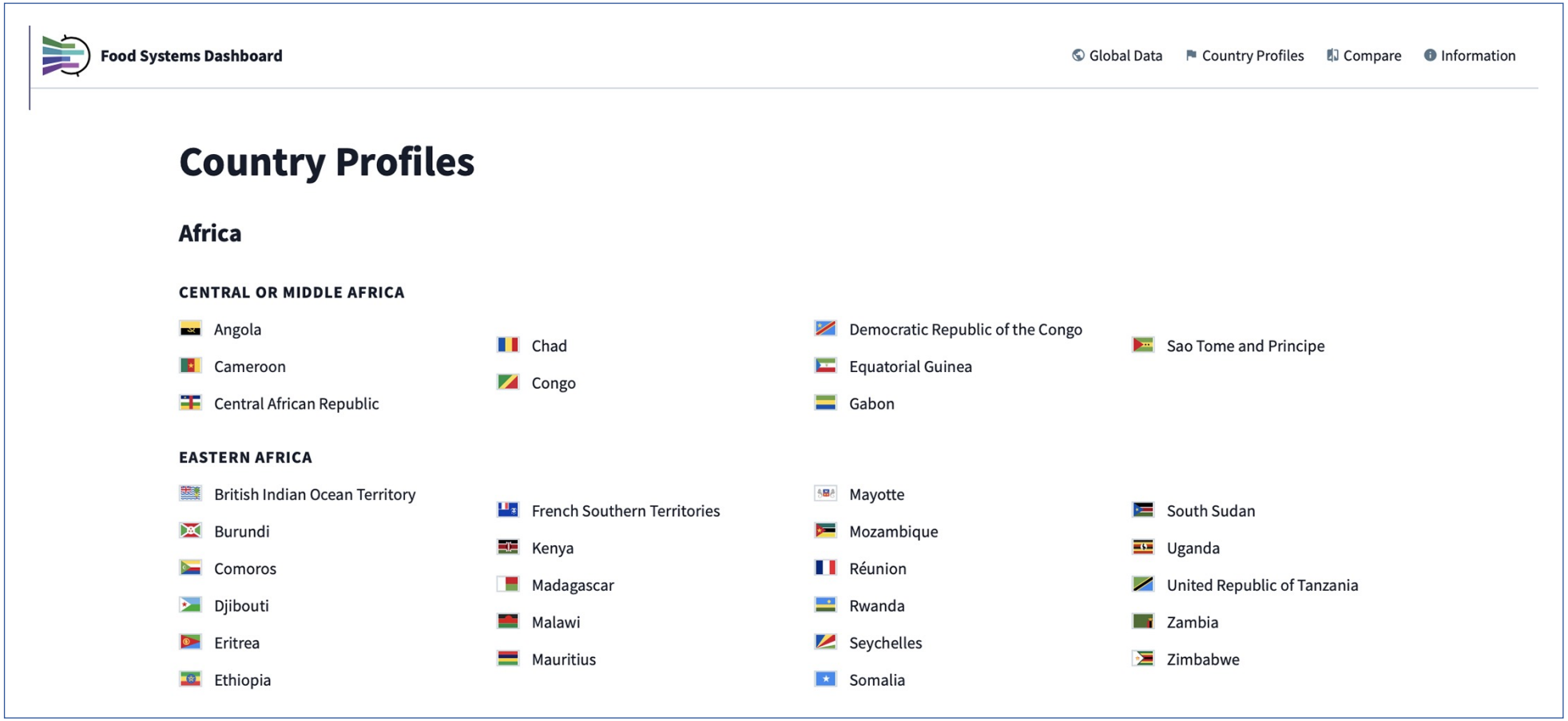


	2017	2018	2019	2020
Albania	37.8	27.9	19.8	20.1
Algeria	35.2	33.9	31.8	30.2
Angola	92.9	93.4	93.9	94.3
Argentina	11	–	–	–
Armenia	40.9	41.7	43.6	42.9
Australia	0.7	0.7	0.7	0.7
Austria	0.6	0.8	0.8	0.8
Azerbaijan	0	0	0	0
Bangladesh	77.4	74.6	73.5	73.5
Belarus	0.8	0.5	0.3	0.2
Belgium	0.3	0.2	0.2	0.2
Belize	39.4	37.4	37	36.4
Benin	90.7	87.1	82.9	82.9
Bhutan	57.6	52.2	50	53
Bolivia (Plurinational State of)	30.2	28.6	25.4	24.7
Bosnia and Herzegovina	4.6	4	3.6	3.7
Botswana	63.8	61.5	60.8	61.4

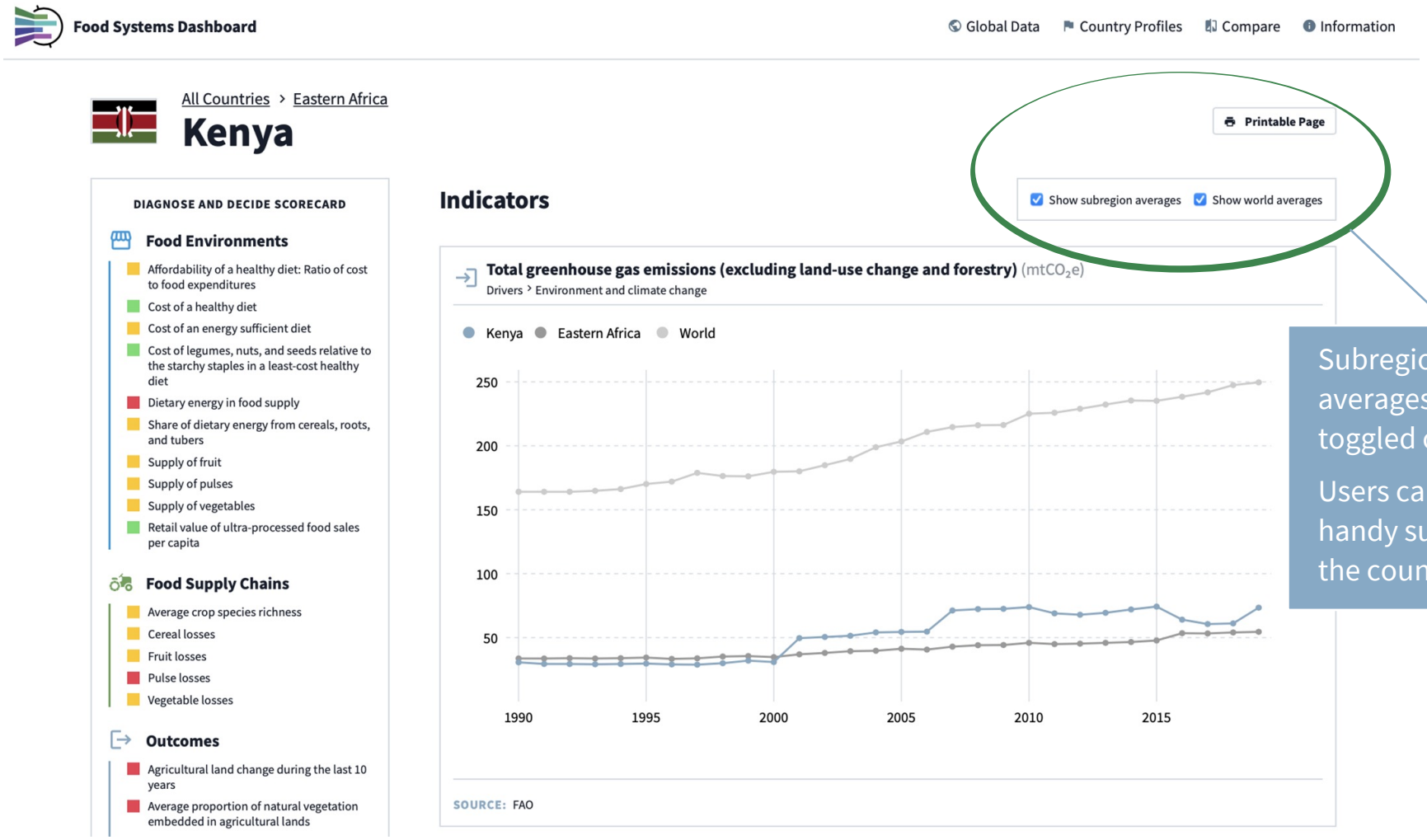
Data is also available in Country Profiles for a focus on one country at a time

Food Systems Dashboard

Explore Country Profiles organized by subregion



Country Profiles provide a curated subset of indicators



Subregion and world averages can be toggled on and off.

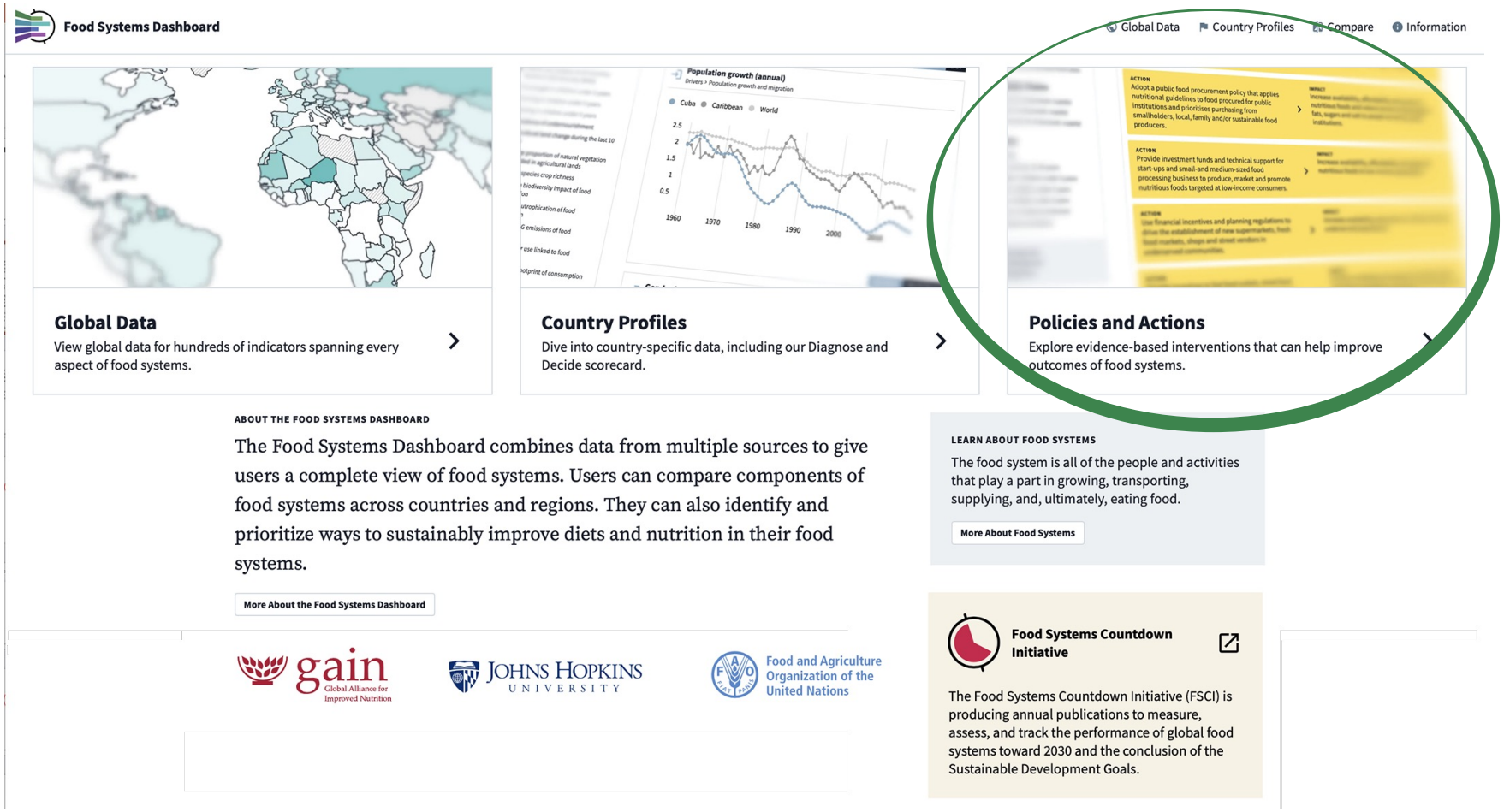
Users can print a handy summary of the country profile.

Food Systems Dashboard

Through the Country Profiles, FSD users can view an assessment of a country's food system performance. This summarizes the areas of a country's food system that are unlikely challenge areas, potential challenge areas, or likely challenge areas. This can serve as a quick reference on how a country's food system is functioning today.

This is shown here for Kenya.

Potential actions to consider are provided in the Polices and Actions section



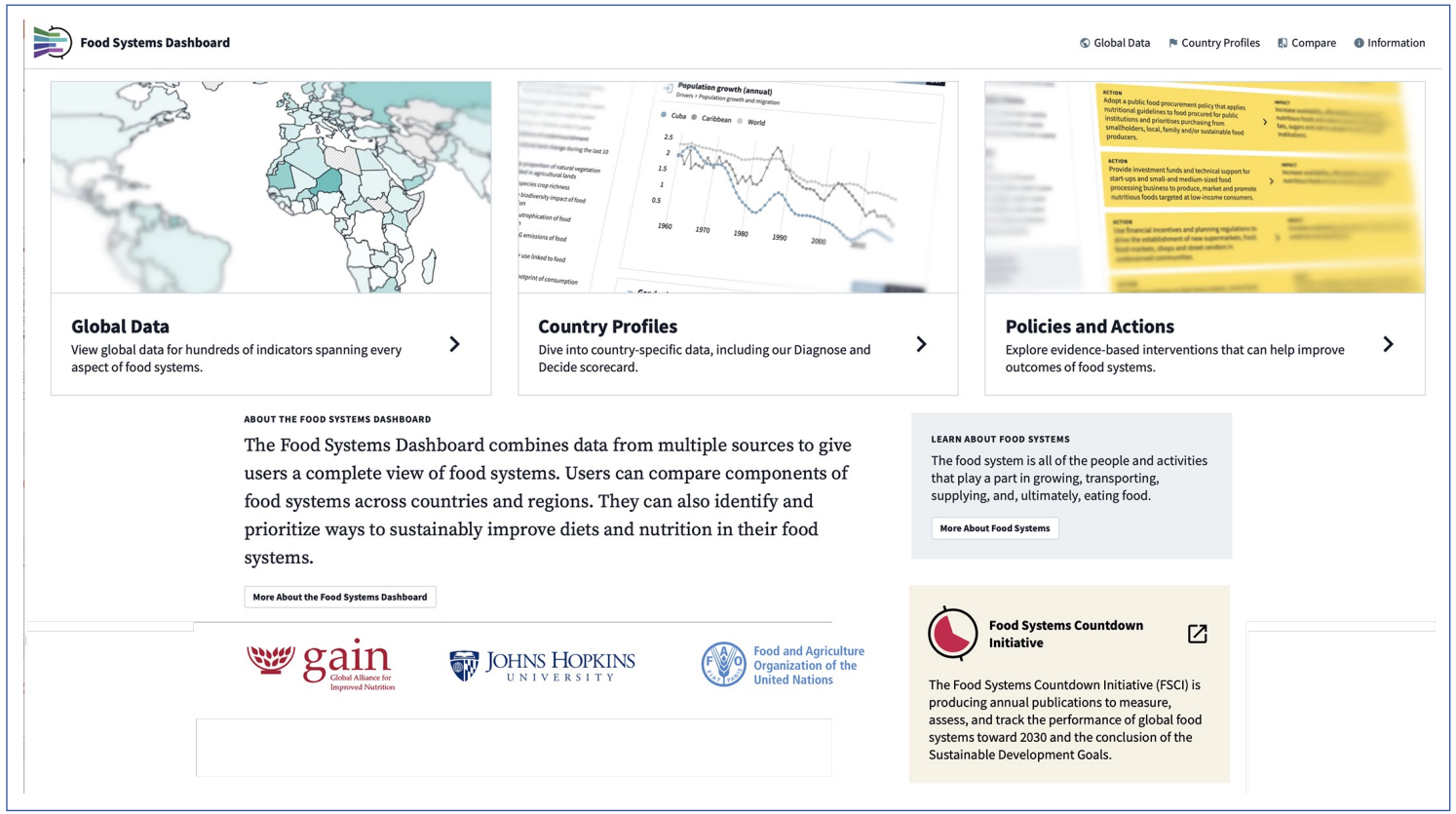
Data sources, methodology, and other important background information is also available

The Food Systems Dashboard is open access

All data, maps, and other visualizations can be used freely with proper citation:

The Food Systems Dashboard.
Global Alliance for Improved Nutrition (GAIN)
and Johns Hopkins University. 2020.
Geneva, Switzerland.

https://www.foodsystemsdashboard.org.
DOI: https://doi.org/10.36072/db.



Key Messages and Recommendations

Key Messages

- The FSD is an open access platform that brings together data for over 225 indicators from over 40 sources to give a complete view of food systems.
- It is organized around three main pillars: Describe, Diagnose, and Decide.
- In the Global Data section, data can be viewed as maps, graphs, or tables.
- In the Country Profiles, a curated set of indicators are visualized, and food systems performance is assessed, with potential and likely challenge areas identified for each country.
- Potential actions to improve nutrition, health, and environmental outcomes are provided in the Polices and Actions section.

Recommendations

- The FSD can be used to describe food systems, diagnose potential and likely challenge areas, and identify decision actions to improve outcomes.