Food Prices for Nutrition
• Food price measurement to match the aspiration of Food Security
• Indicators on the **cost** and **affordability** of **healthy diets** to inform action to address food insecurity around the world.
• The indicators provide a tool to
  • **guide food systems and agriculture interventions**
  • **monitor progress towards a global food system that brings healthy diets within reach of all people at all times**
Different food and nutrition inputs lead to different levels of diet quality

**Healthy diet**: meets food group recommendations

**Nutrient adequate diet**: avoids nutrient deficiency or excess

**Energy sufficient diet**: meets caloric adequacy for daily subsistence

Food prices create a ladder of diet costs
The Cost and Affordability of a Healthy Diet (CoAHD)

✓ Meets requirements for food-based dietary guidelines
✓ Provides foods in sufficient quantities for an active and healthy life
✓ Meets energy and nutrient needs for a representative adult
✓ Protects against diet-related diseases
✓ Is dignified and culturally appropriate
How do we build a Healthy Diet Basket?

- **Oils & fats**
  - 1 item
  - 300 kcal
  - 13%

- **Legumes, nuts & seeds**
  - 1 item
  - 300 kcal
  - 13%

- **Starchy staples**
  - 2 items
  - 1160 kcal
  - 50%

- **Fruits**
  - 2 items
  - 160 kcal
  - 7%

- **Vegetables**
  - 3 items
  - 110 kcal
  - 5%

- **Animal-source foods**
  - 2 items
  - 300 kcal
  - 13%
Almost 3.1 billion people could not afford a healthy diet in 2020

112 million more than in 2019

~ 2 in 5 people on the planet
Global population unable to afford a healthy diet by income group, 2020

- High income countries: 15 million (0.5%)
- Upper middle income countries: 374 million (12%)
- Low income countries: 454 million (15%)
- Lower middle income countries: 2,231 million (73%)

Sources: The State of Food Security and Nutrition in the World 2022 and the Food Prices for Nutrition DataHub
Provides access to data used by *The State of Food Security and Nutrition in the World* and beyond

Includes 33 indicators for 170+ countries, regions, and income groups

Houses full dataset for 2017 and selected data for 2018, 2019, and 2020

Provides users with interactive charts and maps to further explore the data
Diet costs are calculated based on prices
Monthly and sub-national diet costs in Mexico, 2017

**Note:** Box shows 25th-75th percentile of diet cost in each month of all 46 cities. Blue dashed line refers to average cost of all cities and months. Red dashed line is the single estimate of the diet cost by ICP 2017.

**Note:** The dot is the average diet cost over 12 months in each city. Error bar refers to the standard deviation.

**National data provides additional insights...**
Data availability is limited and restricted ...
Next steps

✓ Ensure that indicators are up-to-date by utilizing latest available data
✓ Strive to compile and utilize the national retail food price data to cover
  • Locally available nutritious food items
  • Monthly and subnational data
✓ Establish an initiative to access CPI data on food prices
  • Develop data sourcing and quality assurance mechanisms
  • Alternative data sources are likely also needed
Food Prices for Nutrition project website
https://sites.tufts.edu/foodpricesfornutrition

Food Prices for Nutrition Datahub
https://www.worldbank.org/foodpricesfornutrition