
What determines food security status?

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Goal: Sustainable Food and Nutrition Security

**Insufficient cals
Insufficient nutrs
currently ~ 1 billion**

**Sufficient cals
Insufficient nutrs
currently ~ 2 billion**

**Sufficient cals
Sufficient nutrs
currently ~ 3 billion**

**Excess cals (incl. some
with insufficient nutrs)
currently >2.5 billion**

CONSUMERS

Constraints on dietary choice and diversity
affordability, preference, allocation, cooking skill, convenience, cultural norms, ...
=> Consumption by Sub-populations

FOOD CHAIN ACTORS

'Post-farm gate' Food System Activities
processing, packaging, trading, shipping, storing, advertising, retailing, ...
=> Final Cals/Nutrient Quantity and Price at shop

PRODUCERS

Local, Regional & Global Production Activities
farming, horticulture, livestock raising, aquaculture, fishing, ...
=> Basic Cals/Nutrient Quantity and Price at farm

Productivity

Diversity & Quality

Social, Political, Policy, Business & Biophysical Environments