



Food Security

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Food Security | Definitions

- ❑ The availability of food and one's access to it.
- ❑ “exists when all people at all times have access to sufficient, safe, nutritious food to maintain a healthy and active life”.
(FAO)

Food Security | Definitions

- ❑ Access by all members at all times to enough food for an active, healthy life. (USDA)
- ❑ This Includes:
 - ❑ ready availability of nutritionally adequate and safe foods
 - ❑ an assured ability to acquire acceptable foods in socially acceptable ways

Three Pillars of Food Security

1. Food Availability

- ❑ Sufficient quantities of food are available on a consistent basis

Three Pillars of Food Security

2. Food Access

- ❑ Having sufficient resources to obtain appropriate foods for a nutritious diet.

Three Pillars of Food Security

3. Food Use

- ❑ Appropriate use based on knowledge of basic nutrition and care, as well as adequate water and sanitation.

Factors that affect Food Security

Global Water Crisis

Water table reserves are falling in many countries (including Northern China, the US, and India) due to widespread over-pumping and irrigation.



Climate Change

Rising global temperatures are beginning to have a ripple effect on crop yields, forest resources, water supplies and altering the balance of nature



Land Degradation

Intensive farming leads to a vicious cycle of exhaustion of soil fertility and decline of agricultural yields.



Greedy Land Deals

Corporations and Governments buying rights to millions of acres of agricultural land in developing countries to secure their own long-term food supplies.



Debatable Problems Around Food Security

Distribution

There is enough food in the world to feed everyone adequately, but food may not be distributed equally.

Production

The current levels of production can or cannot meet future food needs.

Global Trade

Because of global trade, national food security is paramount (no longer necessary).

Globalization

Globalization may or may not lead to the persistence of food insecurity and poverty in rural communities

Food Security in the Philippines

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- ▣ A national survey on hunger conducted by the World Food Programme.

Results included:

- ▣ Moderate hunger decreased from 18 % in the first quarter of 2012 to 13.7 % in the second quarter



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- ▣ Severe hunger fell from 5.8 % to 4.8 %
- ▣ Rice production for the first half of 2012 was 4.2% higher than in the previous year
- ▣ Food prices remain generally stable

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Recently, The Manila Times have said that aging Filipino farmers may affect food security.

Based on a study made by Central Mindanao University:

- ▣ The average age of the Filipino farmer today is 55 years old.

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- ▣ The high average age of the country's farming population shows that much of the youth have shunned tilling the soil as a profession or business undertaking.

Food Security | Philippines

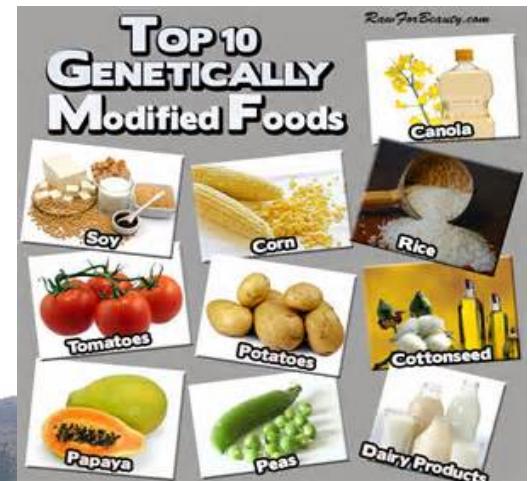
An update made by WFP as of May 2013 shows that:

- ▣ The number of families experiencing involuntary hunger increased to 19.2 % from 16.3 % reported in December 2012
- ▣ The families experiencing hunger rose from 20% to 29.2% in Mindanao (1.4 Million families)

Solutions

Food Security | Solutions

- ❑ Genetically Modified Foods (GM Foods)
- ❑ Aquaculture
- ❑ Evaluating Local Needs
- ❑ Responding to Emergencies
- ❑ Investing in Agriculture



Food Security | Solutions

- ❑ Pushing farm mechanization and agribusiness can help attract more youth to farming thus creating more man power for food security
- ❑ Communicate with nonprofit organizations that can help on food security for the Philippines such as Actions Against Hunger ACF International



Food Security | Solutions

Actions Against Hunger does the following:

- ▣ Evaluate Local Needs
- ▣ Respond to Emergencies
- ▣ Provide Long-Term Solutions

Sources

- ❑ <http://www.disabled-world.com/fitness/nutrition/foodsecurity/>
- ❑ <http://documents.wfp.org/stellent/groups/public/documents/ena/wfp257662.pdf>
- ❑ <http://www.actionagainsthunger.org/impact/food-security-livelihoods>
- ❑ <http://www.irinnews.org/report/88347/philippines-food-security-warnings-over-el-ni%C3%B1o>
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- ❑ <http://www.manilatimes.net/aging-filipino-farmers-to-affect-food-security/12166/>
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