The World Food Crisis: Did it Affect Nutritional Status?

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October 29, 2009

Progress Towards Meeting the WFS Goal Globally

Source: FAO 2006

Progress Towards Meeting the WFS Goal in SSA

Extended Annual FAO Food Price Index 1998-2000 = 100

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Food Price Index

Number of Undernourished in the World 1969-71 to 2009

Impact of Recent Food Price Increases on Progress Towards Meeting the WFS Goal Globally
Source: FAO 2006

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Source: FAO 2006

Impact of Recent Food Price Increases on Progress Towards Meeting the WFS Goal in SSA
Source: FAO 2006

Impact of Recent Food Price Increases on Progress Towards Meeting the WFS Goal in SSA
Source: FAO 2006
Global Grain Stock Build-Up
2005/06-2009/10

- Rice: 25%
- Wheat: 24% (51% last two years)
- Maize: 3% (17% last three years)

Policy Response to Food Price Increases

- Maintaining government legitimacy
- Emphasis on Short-term measures
  - Price controls, export bans, lifting import tariffs, rationing, food distribution
- Emphasis on short-term transfers to urban lower middle class
- Continued neglect of the rural poor

From Changes in HH Diet to Nutritional Status

- HH food consumption (diet)
- Health status
- Water, sanitary condition
- Child care
- Energy expenditure
- Nutritional Status

Budget Share
Value Added
Purchasing Power
Energy Protein Consumption
Diet Composition (Micronutrients)

Relative Price Changes Among Food

Local Market Price Change

World Market Price Change

Price Transmission
Buffer Stocks
Government Policy
National Market Price Change

Local Market Price Change

Infrastructure
Market Institutions
Government Policy
Behavior of Traders & NGOs

National Market Price Change

Intake by individual
**Food Groups Not Consumed in 2008 Compared to 2007 (Percentage of People)**
Freetown, Sierra Leone

**Rice and Wheat Prices in Bangladesh 2006 and 2008**
(Taka/kg)

<table>
<thead>
<tr>
<th></th>
<th>Rice</th>
<th>Wheat</th>
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<tbody>
<tr>
<td>2006</td>
<td>15.90</td>
<td>14.10</td>
</tr>
<tr>
<td>2008</td>
<td>30.80</td>
<td>29.10</td>
</tr>
<tr>
<td>Change</td>
<td>94%</td>
<td>106%</td>
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**Proportion of Underweight (Moderate and Severe) of Preschoolers in Bangladesh by Age Group, 2006-2008**

Source: Sulaiman, et al., 2009

**Proportion of Stunting (Moderate and Severe) of Preschoolers in Bangladesh by Age Group (in months), 2006-2008**

Source: Sulaiman, et al., 2009

**Food Expenditures as Percent of Total Expenditures in Bangladesh**

**Adjustment in Diet Composition Bangladesh, 2006-2008**

↑ Rice
↑ Green Leafy and Non-Leafy Vegetables
↓ Fish
↓ Lentils
Nutrition Implications and Risks:

Depends on who you are!

Approach to Thinking About It

- Price Transmission
- Whether HH is Net Buyer or Net Seller
- HH Budget Share for Food
- Extent of Value Addition
- Relative Price Changes Among Diet Components
- Relative Price Elasticities