Improving Diets and Nutrition in Niger and Mali

Side event on the margins of the Second Regular Session of the Executive Board

Wednesday, 20 November, 2019
Panel Discussion

- H.E. Mr. Ali Bety, Haut Commissaire de l'Initiative 3N, Government of Niger
- Mr. Sory Ouane, WFP Niger Country Director
- H.E. Mr. Moulaye Ahmed Boubacar, Ministre de l'Agriculture, Government of Mali
- Ms. Silvia Caruso, WFP Mali Country Director

The panel is moderated by
Dr. Saskia de Pee, Senior Technical Advisor, WFP Nutrition Division, and FNG Team lead
Fill the Nutrient Gap Overview
Policies and programmes can improve nutrition and health outcomes by addressing...

Adapted from the HLPE 2017
FNG Analysis Process - Niger

Secondary Data Analysis
- Information about Food Systems
- Databases, reports, peer-reviewed articles, grey literature

Cost of the Diet
- Food prices, household food expenditure
- Data source: EVIAM 2018; primary data collection
- Disaggregation by livelihood system and communes

Identify possible interventions and entry points

Estimate minimum cost of a nutritious diet and economic accessibility

Intervention modelling across 4 livelihood systems
The food price data collection was performed through the national system by the local government with WFP’s technical assistance.
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A nutritious diet requires the consumption of a diversity of food from all food groups.

Zinder and Maradi

An **energy-only diet**:
- Costs 1.0 USD per household per day
- **Is not affordable for 17%** of households

**0.8 - 1.2 USD**

**11 - 26%**

A **nutritious diet**:
- Costs 2.3 USD per household per day
- **Is not affordable for 53%** of households

**1.7 - 4.3 USD**

**35 - 85%**
Household cost of a nutritious diet, per day, and non-affordability

![Map showing cost of nutritious diet in different regions.]

- **Transhumant / nomad pastoralism**
  - Cost (CFA)
  - Non-affordability (%)
  - < 1000
  - 30-40
  - 1000-1250
  - 40-50
  - 1250-1500
  - 50-60
  - 1500-1750
  - 60-70
  - > 1750
  - > 70

- Agropastoral belt
- Rainfed millet and sorghum belt
- Southern irrigated cash crops
Due to the highest cost of a nutritious diet, adolescent girls and lactating women have the highest risk of deficiencies.
The current school meals ration does not fully meet the high nutritional needs of an adolescent girl.
Adding diverse, fresh foods to the school feeding ration would go a long way to meet adolescent girls’ needs.
The cost of these fresh foods varies widely
Adding Super Cereal to the school meals ration also helps cover adolescent girl’s nutrient needs.
Providing a micronutrient tablet together with the school meal would be another way to meet the adolescent girl’s nutrient needs in Niger.
Supplementation with a micronutrient tablet could reduce the cost of the diet of an adolescent girl by up to 50%.

Niger

- Zone 1: Maradi, Zone 2: Maradi, Zone 3: Maradi, Zone 4: Zinder, Zone 5: Zinder, Zone 6: Zinder

- Nutritious diet: Grey bars
- Nutritious diet with a multimicronutrient tablet: Blue bars

<table>
<thead>
<tr>
<th>Zone</th>
<th>Maradi</th>
<th>Zinder</th>
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<tbody>
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<td>Zone 1</td>
<td>0.4</td>
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<td>Zone 6</td>
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Transhumant Nomad Pastoralist

Daily cost of the diet of an adolescent girl (USD/day)
Home production of nutritious foods can help decrease the cost for the household, especially if adapted to local nutrient gaps.

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<th>Zinder</th>
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<tbody>
<tr>
<td></td>
<td>Nutritious diet</td>
<td>Nutritious diet with home production</td>
</tr>
<tr>
<td>Zone 1</td>
<td>2.1</td>
<td>3.1</td>
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<tr>
<td>Zone 2</td>
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### Mali

**An energy-only diet:**
- Costs 1.0 USD per household per day
- Is not affordable for 13% of households

**A nutritious diet:**
- Costs 2.0 USD per household per day
- Is not affordable for 50% of households
Daily cost and non-affordability of a nutritious diet for the household

Daily Cost (CFA)
- 800 - 850
- 850 - 1000
- 1000 - 1100
- 1100 - 1200
- 1200 - 2500

Non-affordability
- 20 - 30%
- 30 - 40%
- 40 - 50%
- 50 - 60%
- 60 - 70%
- 70 - 80%
Stunting prevalence in children is strongly associated with economic status

Mali (DHS 2018)
Improving the nutritional coverage of children in the school feeding programme by optimizing the use of the cash transfer

0.18 USD (per meal)
The current cash transfer, if spent optimally, could cover >60% of the cost of a nutritious diet for a 6-7 year-old child.
The current cash transfer, if spent optimally, could cover <50% of the cost of a nutritious diet for a 10-11 year-old child.
Convergence approach for improved diets

- Increasing household purchasing power
- Targeted interventions for vulnerable individuals
- Increasing availability of affordable nutritious foods

- MNP
- IFA
- MMT
- Super Cereal
- Super Cereal plus

Targeted interventions for vulnerable individuals

- Increasing household purchasing power
- Increasing availability of affordable nutritious foods

Convergence approach for improved diets
Questions & Answers

- Improving Diets and Nutrition in Niger and Mali -

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Completed Cost of the Diet only
On-going, Oct 2019
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Ecuador
El Salvador
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Nora

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Nora  Natalie  Pierre
Frances  Natalie  Claudia
Sara Lisa  Saskia  Clara
Saskia  Natalie  Claudia

Communication

Jane  Neil  Janita  Sara Lisa
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Closing Remarks