**Nutrition in Bihar: Trend over the past decade**

<table>
<thead>
<tr>
<th></th>
<th>NFHS-3 (2005-06)</th>
<th>NFHS-4 (2015-16)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stunting</td>
<td>55.6</td>
<td>48.3</td>
</tr>
<tr>
<td>Underweight</td>
<td>55.9</td>
<td>43.9</td>
</tr>
<tr>
<td>Wasting</td>
<td>27.1</td>
<td>20.8</td>
</tr>
</tbody>
</table>

**Infant Feeding Practices**

<table>
<thead>
<tr>
<th></th>
<th>NFHS-3 (2005-06)</th>
<th>NFHS-4 (2015-16)</th>
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<tbody>
<tr>
<td>Children under age 6 months exclusively breastfed</td>
<td>28</td>
<td>53.5</td>
</tr>
<tr>
<td>Children age 6-8 months receiving solid or semi-solid food and breastmilk</td>
<td>54.5</td>
<td>30.7</td>
</tr>
<tr>
<td>Breastfeeding children age 6-23 months receiving an adequate diet</td>
<td>7.3</td>
<td>7.3</td>
</tr>
</tbody>
</table>

**Maternal Nutrition and Household Sanitation**

<table>
<thead>
<tr>
<th></th>
<th>NFHS-3 (2005-06)</th>
<th>NFHS-4 (2015-16)</th>
</tr>
</thead>
<tbody>
<tr>
<td>All women age 15-49 years who are anaemic</td>
<td>67.4</td>
<td>60.3</td>
</tr>
<tr>
<td>Households using improved sanitation facility</td>
<td>14.6</td>
<td>25.2</td>
</tr>
</tbody>
</table>
WORLD BANK: IMPROVING NUTRITION OUTCOMES IN BIHAR

SUPPLY SIDE: Strengthening Service Delivery

- ICDS Systems Strengthening and Nutrition Improvement Project (14 million in Bihar)
  - Shifting focus on 0-3s
  - Building AWW skills
  - Behavior Change Communication
  - Systems for better targeting, outreach and monitoring (ICT-RTM)

- Swachh Bharat Mission – Grameen (SBM-G) (USD 1.5 billion)
  - universal access to sanitation
  - reward states for making progress towards eliminating open defecation
  - strengthen institutional capacities to manage programs and monitor progress.

DEMAND SIDE: Community and Household level Behavior Change

Bihar Transformative Development Project (JEEViKA) (415 million)
- Behavior Change Communication (digging deeper)
- Greater focus on diet diversity – kitchen gardens
  - Nutrition Entrepreneurs
  - Facilitating access to services
- Income generation through livelihood interventions
JEEViKA: WHAT WE AIM TO ACHIEVE

Development objective:
• To diversify and enhance household level **incomes**
• **Improve access** to and **use** of nutrition and sanitation services among targeted households.

Expected Outcomes:
• Improved diet diversity among infants (6-24 months) and women

Evolving focus of the project (2007 – Now):

- Social mobilization and social capital
- Pro-poor financial sector/ economic development
- Human capital development

**Moving to Scale:** **From 1 million SHG women (ongoing) to 10 million women by 2020.**
WHAT ARE WE DOING TO ACHIEVE OBJECTIVES

• **Health Nutrition WASH behavior change communication:**
  - Participatory Learning Action sessions
  - Community drives and Inter-personal counseling
  - Digital BCC (Community Videos)
  - Nudges based BCC approaches

• **Health, Nutrition, WASH Revolving Funds**

• **Enterprises for HNWASH**
  - Nutrition Enterprises
  - Rural Sanitary Marts (One Stop Shops)
  - Personal hygiene products

• **Nutrition Sensitive Agriculture – Kitchen Gardening, Backyard Poultry**

• **Facilitating access to services** – focusing on ICDS and SBM

• **Focus on income generation** to overcome underlying constraints
Multiple Pathways to Improve Health and Nutrition outcomes

Health and Nutrition

Enterprise Approach to enabling access to nutrition and sanitation

Nutrition Sensitive Agriculture interventions

Women’s empowerment through the creation of the institutional Platforms (SHGs and their federations)

Improving health, nutrition and sanitation behavior practices especially in the 1000 day cycle

Convergence to ensure access to Health, Nutrition and Sanitation Services
WHAT ARE WE DOING TO ACHIEVE OBJECTIVES

- Ensuring geographic co-location of all interventions – focus on 100 blocks
- Single implementing mechanism (Village Organization – federation of SHGs at the village level)
- Joint design process (HNWASH)
- Interdisciplinary team (HNWASH)
- Convergence with line depts.
- Consolidated reporting (Sector Indicators)
  - Reporting on nutrition and sanitation indicators, along with core livelihood and credit linkage indicators ensures that they get monitored and reviewed
LEVERAGING TECHNICAL ASSISTANCE

JEEViKA

• Leveraging technical assistance from the Bill and Melinda Gates Foundation through PCI – An agency with expertise in the HNS sector has placed a team of nearly 40 professionals who are from the Health, Nutrition and Sanitation sector but are familiar with community mobilization process at the State and District levels.

• These professionals are embedded within the JEEViKA architecture and work with the JEEViKA team on a day to day basis.

• They are institutionalizing this approach by building capacity both at the JEEViKA staff level (at the district and block) but critically within the community in the form of community resource persons.

• Nearly 10 USD million investment from BMGF on this.

Task Team

• The task team has members from different GPs – Health, Nutrition and Population (Co – Task Team Leader) and Water.

• 2 million USD EFO from BMGF is enabling experienced professionals in HNS sector to be part of bank task teams.

• SAFANSI TA for piloting the enterprise approach to nutrition issues.
THANK YOU!