National and District Tools to Guide Anemia Programming

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Why turn attention to anemia?
2011 Global Estimates of Anemia Prevalence

- Pregnant women: 29%
- Women of reproductive age: 38%
- Children (6–59 months): 43%
Only 3 out of 185 countries with anemia data are on course to reduce anemia.
An effective strategy for anemia reduction requires...

- an understanding of the **context-specific causes** and **interventions** that address them effectively

- a **multi-sectoral, multi-stakeholder** approach
SPRING developed two tools...

- An interactive, web-based Guidance for Conducting Landscape Analyses for Anemia
- An Excel-based District Assessment Tool for Anemia (DATA)
Landscape Analysis Guidance: Why?

- Helps users know the anemia problem in the country
- Shows users how to capture information on the multiple factors that contribute to anemia
- Helps users understand the existing strategies for anemia prevention and control
Good Practices Checklist

1. Know the problem

2. Raise awareness and develop partnerships

3. Develop interventions and implementation plans
Understanding Anemia: Landscape Analysis Guidance and Tool

Available at:
www.spring-nutrition.org/anemia-landscape
Understanding the Foundation

The Problem

The Process

The Data

www.spring-nutrition.org
Exploring the Causes of Anemia
Investigating Interventions for Anemia Prevention and Reduction

**NUTRITION**

**DISEASE CONTROL**

**WASH**

**REPRODUCTIVE HEALTH**

**AGRICULTURE**

**GENETICS**
Gathering and Using Data on the Causes of and Interventions for Anemia

How is it...
• linked to anemia?
• classified?
• measured?

What **methodological issues** should I understand to use this data properly?

What **data sources** have this information available?
Examining the Policy Environment for Anemia

1

2

3
# Landscape Analysis Tool Dashboard

## Suggested Anemia Interventions

<table>
<thead>
<tr>
<th>Strategy/Policy</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>INF for pregnant women at ANC</td>
<td>3%</td>
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<tr>
<td>INF for women of reproductive age</td>
<td>N/A</td>
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<tr>
<td>Iron supplementation for children</td>
<td>N/A</td>
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<tr>
<td>Micronutrient powders to children</td>
<td>N/A</td>
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<tr>
<td>High-dose vitamin A supplementation to children</td>
<td>5%</td>
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<tr>
<td>Exclusive breastfeeding in infants 0-5 months</td>
<td>6%</td>
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<tr>
<td>Continued breastfeeding in children 6-23 months</td>
<td>7%</td>
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<tr>
<td>Industrial fortification of food</td>
<td>8%</td>
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<th>Disease Control</th>
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<td>IPTp of malaria for pregnant women</td>
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<tr>
<td>Distribution of insecticide treated nets</td>
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<tr>
<td>Active case management in all age groups</td>
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<tr>
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<td>Usage of modern methods of family planning</td>
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<tr>
<th>Interventions</th>
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<th>20%</th>
<th>40%</th>
<th>60%</th>
<th>80%</th>
<th>100%</th>
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Anemia Programming at the District Level: District Assessment Tool for Anemia (DATA)

Dr. Denish Moorthy, Technical Advisor, Micronutrients, SPRING, Washington, D.C.

March 23, 2017
Why District Level?

• Decision making becoming disaggregated
• Resources limited; Decisions need to be made
• Opinions matter: perspective and expertise of district level staff
• Comparisons: Want to know how they are doing vis-à-vis regional and national
• Simple visualization
Why DATA?

A district level tool:

- Increases awareness of the importance of contextual factors
- Identifies the gaps, enablers, and barriers to addressing anemia risk factors
- Assists with prioritization of district-level anemia interventions
Purpose of DATA

- Increases an understanding about anemia and its causes
- Highlights current data and encourages further data collection
- Helps prioritize activities and interventions in a way that is most likely to address the most important causes of anemia
DATA: Approach

A two-day facilitated workshop involving district-level stakeholders from health, water and sanitation, agriculture, and education sectors
Audience: District level stakeholders across sectors

- Agriculture
- Nutrition
- WASH
- Education
- Reproductive Health
- Disease Control
DATA: Inputs and Outputs

Outputs

• National Questionnaire
• District Questionnaire

Outputs

• Barriers
• Dashboards
• Plan of Action
Output: Overview Dashboard

Once the survey questions have been answered, the data can be viewed on dashboards by program area:

- This information can be used to identify issues and prioritize actions.

Relevant sectors that play a role in anemia programming:

- Prevalence of anemia
- Risk factors for anemia

District Assessment Tool for Anemia
Output: Findings Dashboard

Once the survey questions have been answered, the data can be viewed on dashboards by program area:

- This information can be used to identify issues and prioritize actions.

Interventions for anemia

Details on policy and program coverage for each intervention

Details on barriers for each intervention
Steps of Using DATA

**Step 1:** Review the anemia situation—consult Overview Dashboard

**Step 2:** Review anemia programs and policy—consult Findings Dashboard

**Step 3:** Review inputs to prioritization—discuss considerations for program implementation

**Step 4:** Identify and assess barriers to implementation—complete the barriers section

**Step 5:** Formulate a plan of action
DATA: Initial Piloting

Ghana
- August 2015: Kumbungu district, Northern Region

Uganda
- August 2016: Revised DATA package tested in three districts - Namutumba, Arua, and Amuria

Nepal
- September 2016: Revised DATA package piloted in one district – Kapilvastu
DATA Package

EXCEL TOOL

FACILITATOR'S GUIDE

USER'S GUIDE

POWERPOINTS W/ SCRIPT
District Assessment Tool for Anemia (DATA)

Download:
- Download the District Assessment Tool for Anemia (XLS, 364 KB)
- Download the Facilitator's Guide (PDF, 2 MB)
- Download the User’s Guide (PDF, 2 MB)
- Download the SPRING Anemia Overview Script (PPT, 13 MB)
- Download the DATA Overview Script (PPT, 2 MB)
- Download the Decision Framework for Prioritization of Anemia Action Script (PPT, 674 KB)
DATA: Rollout

Ghana
• 7 districts in Northern Region

Uganda
• SPRING supporting RHITES-SW in 5 districts in South Western Region
• RHITES implements in 10 districts

Nepal
• September 2016: Revised DATA package piloted in one district – Kapilvastu
DATA Team

All participants in DATA Workshops to date and in the future

Advisory Board

• Rolf Klem, HKI
• Robin Houston, JSI
• Omar Dary, USAID
• Tariq Azim, JSI
• Edward Bonku, JSI
• Phil Harvey (Honorary)
• Toby Stillman, Save (Previous)

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• Danya Sarkar
• Teemar Fisseha
• Sorrel Namaste
• Anuradha Narayan
• Denish Moorthy

CHIME, JSI

• Emma Stewart, JSI
• Barbara Knittel, JSI
Thank you!

www.spring-nutrition.org