



Helen Keller International/ Indonesia

SCN Working Group on Micronutrients: Information Sharing Template for 2005 and Earlier Activities

Table 1: Demographic Information

<u>Name of Reporting Individual</u>	<i>Elviyanti Martini</i>
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<u>Position</u>	<i>Sprinkles Effectiveness Program Director/ SUM Program Coordinator</i>
<u>Department/Section</u>	<i>Nutrition</i>

Table 2: Measurement, assessment, monitoring and reporting micronutrient deficiencies:

<u>Geographic area(s) covered by this table (community, province, country, region)</u>	<i>Indonesia</i>
<u>Project Name (if relevant)</u>	<i>Vitamin A Program (VA), Sprinkles Effectiveness Program (SEP), Supplementation with Micronutrients (SUM)</i>
<u>Supporting Agencies (if relevant)</u>	<i>MOH/GOI, USAID, USDA, HJ Heinz Company, Akzo Nobel Chemicals, Church World Service</i>
<u>Approximate # of beneficiaries</u>	<i>25,000,000 (VA), 8,000 (SEP), 600,000 (SUM)</i>

	Micronutrients														
Activities	Iodine	Iron	Folate	Zinc	Calcium	Vit A	Vit B-12	Vit C	Vit D	Vit B-1	Vit B-2	Vit B-3	Vit B-6	Vit K	Vit E
Prevalence Assessment		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>									
<p>1. Vitamin A deficiency prevalence and capsule coverage (among children and postpartum women) was assessed as part of HKI/GOI's USAID-funded Health and Nutrition Surveillance System ('98-'03), which was closely linked to HKI's USAID-funded Vitamin A Program that provided technical assistance and social marketing support to the Government of Indonesia's (GOI) national vitamin A supplementation program for children aged 6-59 months, as well as a pilot for postpartum VAC supplementation.</p> <p>2. Deficiencies of vitamin A (night blindness and xerophthalmia) and iron (anemia) were assessed as part of the Monitoring and Evaluation of the Supplementation with Vitamins and Minerals (SUM) program initiated in Aceh and North Sumatra in January 2005 in response to the Dec 2004 Indian Ocean Tsunami.</p> <p>3. Iron, zinc and vitamin A deficiency prevalence was assessed as part of the baseline of HKI's Sprinkles Efficacy Program, which assessed the impact and marketability of a multi-micronutrient sprinkles product (<i>Vitalita</i>) to reduce micronutrient deficiencies. The assessments were conducted in slums in Jakarta and rural areas of Sukabumi, West Java.</p>															
Training/Capacity Building		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
<p>1. Capacity of GOI partners at national, provincial and district levels was strengthened through technical assistance, training and knowledge transfer (dissemination of program findings, reports, etc.) in developing and implementing social marketing campaigns to increase the coverage of vitamin A capsule distribution among children aged 6-59 months nationwide, as well as in the monitoring and evaluation of the program.</p> <p>2. GOI, NGO and other partners involved in relief and rehabilitation efforts to mitigate the impact of the Tsunami were provided training and other capacity building efforts in regard to the delivery (and monitoring) of vitamin A capsules, zinc tablets (as adjunct treatment for diarrhea), iron-fortified soy sauce and multi-micronutrient Sprinkles to internally displaced persons (IDPs) in Aceh and North Sumatra. The training on the sprinkles focused on multivitamin/minerals as a whole, not on individual</p>															

<i>In-home fortification (complementary foods)</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HKI assessed the impact of Sprinkles in reducing anemia, zinc deficiency and vitamin A deficiency among underfive children through the SEP, which also investigated sustainable models for distribution of the product.																	
<i>Emergency Groups</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sprinkles and iron-fortified soy sauce are distributed to IDPs in tsunami-affected Aceh and North Sumatra as part of HKI's SUM initiative.																	

Table 4: Supplementation:

<u>Geographic area(s) covered by this table (community, province, country, region)</u>	<i>Indonesia</i>
<u>Project Name (if relevant)</u>	<i>Vitamin A Program, SUM, SEP</i>
<u>Supporting Agencies (if relevant)</u>	<i>MOH/GOI, USAID, USDA, HJ Heinz Company, Akzo Nobel, Church World Service</i>
<u>Approximate # of subjects or beneficiaries for each project described</u>	<i>25,000,000 (VA), 600,000 (SUM), 8,000 (SEP)</i>

<u>Activities</u>	Micronutrients															
	Iodine	Iron	Folate	Zinc	Calcium	Vit A	Vit B-12	Vit C	Vit D	Vit B-1	Vit B-2	Vit B-3	Vit B-6	Vit K	Vit E	
<i>Prevention Program</i>						<input checked="" type="checkbox"/>										
HKI's Vitamin A Program provided social marketing support and technical assistance to the GOI's national vitamin A deficiency prevention and control program, primarily aimed at children aged 6-59 months and postpartum women.																
<i>Treatment Orientation</i>				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>										
HKI's SUM initiative in Aceh and North Sumatra provided vitamin A capsules (for treatment of severe malnutrition) and zinc tablets (for adjunctive treatment of diarrhea) to IDP populations affected by the Dec 2004 tsunami.																
<i>Supplementation project size</i>																

Efficacy Trials	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HKI conducted an efficacy trial, the SEP, to assess the impact of multi-micronutrient Sprinkles in reducing anemia among underfive children and sustainable models for distribution of the product. ~800 children (intervention + control) aged 6-30 months were enrolled in the efficacy study between Dec 2003 and Feb 2004.															
Community Effectiveness Trials	<input checked="" type="checkbox"/>														
The iron-fortified soy sauce was distributed through normal marketing channels and impact on Hb assessed through the NSS (surveillance system) in Bandung district, West Java ('02-'03)															
Pilot Interventions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Pilot programmatic implementation of the Sprinkles program was initiated in 2005 with the launch of a social marketing campaign to promote the product and create community awareness. NGO partners received training and distribute Sprinkles based on a cost-recovery system, with technical support from HKI.															
National/Regional Program															
HKI's Vitamin A Program provided social marketing support and technical assistance to the GOI's national vitamin A deficiency prevention and control program, primarily aimed at children aged 6-59 months and postpartum women.															
Emergency Area	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HKI's SUM initiative in Aceh and North Sumatra aims to provide vitamin A, zinc, Sprinkles and iron-fortified soy sauce to over 500,000 IDPs and other tsunami-affected persons, including ~200,000 children <12 yrs.															
Equipment/Supplies	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
The SEP and SUM provide supplies of Sprinkles (SEP and SUM), vitamin A capsules, zinc tablets and iron-fortified soy sauce (SUM only) directly to beneficiaries and indirectly to program partners (who distribute these products to beneficiaries). Equipment for M&E (e.g. lengthboards, MUAC tapes, HemoCue devices) is procured for use by HKI M&E teams.															
Product Development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
HKI was involved in the product development of Sprinkles and iron-fortified soy sauce.															
Supplements Primary Distribution															
Through Public Channels	<input checked="" type="checkbox"/>														
VAC are distributed through the GOI health care system															

Through NGOs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<p>1. Vitamin A, zinc, Sprinkles and iron-fortified soy sauce are provided at no cost through NGOs and other program partners to beneficiaries under the SUM initiative in Aceh and North Sumatra.</p> <p>2. Sprinkles are provided through NGO partners to beneficiaries based on a cost-recovery system under the SEP.</p>														
Through Private Channels	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Fortified soy sauce was distributed through normal marketing channels for the effectiveness study in Bandung district.</p>														
Supplements in Emergencies	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Vitamin A, zinc, Sprinkles and iron-fortified soy sauce are provided at no cost through NGOs and other program partners to beneficiaries under the SUM initiative in Aceh and North Sumatra.</p>														
Supplementation Monitoring/Evaluation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<p>M&E of the GOI's national vitamin A program and HKI's iron-fortified soy sauce program was conducted through the GOI-HKI NSS until 2003, and through the M&E of the SUM in Aceh and North Sumatra.</p>														
Supplement related Research	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<p>The efficacy of Sprinkles in reducing anemia levels, zinc deficiency and vitamin A deficiency were the subject of research undertaken by HKI.</p>														
Supplementation Targeted Groups	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Women	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>HKI's Vitamin A Program provides social marketing support and technical assistance to the GOI's national vitamin A program, which also includes postpartum women as a target group for vitamin A supplementation.</p>														
Children 6-24 months of age	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<p>HKI's Vitamin A Program provides social marketing support and technical assistance to the GOI's national vitamin A program, which also includes children aged 6-24 month as a target group for vitamin A supplementation (100,000 IU capsule for 6-11 and 200,000 for 12-59 mo). The target group for sprinkles are children aged 6-59 mo.</p>														
Children 2 – 5 years of age	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<p>1. Through the Vitamin A program, HKI provides social marketing and technical assistance to the</p>														

GOI's national vitamin A supplementation program targeting children aged 6-59 months.
2. Through the SEP, HKI's target beneficiaries to receive the Sprinkles are underfive children.
3. Through the SUM, HKI provides vitamin A, zinc (for adjunct treatment of diarrhea), Sprinkles to children <12 yrs of age (will now be changed to <5 yrs), and iron fortified soy sauce to the families.

Children in school

Through the SUM, HKI provides iron fortified soy sauce to families.