



World Vision Canada/ Tanzania

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

Table 1: Demographic Information

Name of Reporting Individual	<i>Anatoli Rugaimukamu / Barbara Main</i>
Institution/Organization	<i>World Vision Tanzania / World Vision Canada</i>
Contact address (Email)	anatoli53000@yahoo.com or Barbara_Main@worldvision.ca
Position	<i>Program Manager / Public Health Specialist</i>
Department/Section	<i>Eastern Zone, WVT / Nutrition and Health Team, International and Canadian Programs</i>

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

Geographic area(s) covered by this table	<i>Sindenji, Handeni, Korogwe, Tanga, Eastern Zone, Tanzania</i>
Project Name (if relevant)	<i>Micronutrient and Health (MICAH)</i>
Supporting Agencies (if relevant)	<i>Canadian International Development Agency, World Vision Canada, World Vision Tanzania, Tanzania Food and Nutrition Centre, Sokoine University of Agriculture, Line ministries of Health, Agriculture, Education, International Health & Food Association</i>
Approximate # of beneficiaries	<i>255,420</i>

Activities	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
Prevalence Assessment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>									

Preliminary survey data (2004) show results from MICAH intervention areas (M) compared to control areas (C). Goitre among school aged children (SAC)—0% for both intervention & control

Maize	<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"/>
Activities											
Policy and Advocacy	<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"/>
Involved in National fortification Alliance to strengthen community based fortification initiatives and promote large-scale fortification											
Communication Support	<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"/>
Provision of Fortification Equipment	<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"/>
Existing mills are used; some funding for rehabilitation of equipment											
Provision of Fortification 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"/>
Salt Test Kits for iodized salt testing, Fortificants/premix obtained from International Health and Food Association in Arusha, TZA and provided to small millers											
Fortification Monitoring and Evaluation	<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"/>
71% of Households in MICAH intervention areas using iodized salt vs. 51% in control areas; small surveys re: use of fortified maize indicate high acceptance.											
Quality Assurance/ Quality Control for fortified foods	<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"/>
Testing for adequate Iodine Content of salt, Samples of fortified maize assessed quarterly at Sokoine University for adequacy of MN content											
Targeted Fortification											
In-home fortification (complementary foods)	<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"/>
Home based fortification via 10 gm sachet of premix per 1 kg milled maize – the women add the fortificants at home.											
Table 4: Supplementation:											
<u>Geographic area(s) covered by this table</u>	Sindeni, Handeni, Korogwe, Tanga, Eastern Zone, Tanzania										
<u>Project Name (if relevant)</u>	Micronutrient and Health (MICAH)										

Supporting Agencies (if relevant)	Canadian International Development Agency, World Vision Canada, World Vision Tanzania, Tanzania Food and Nutrition Centre, Sokoine University of Agriculture, Line ministries of Health, Agriculture, Education, International Health & Food Association														
<u>Approximate # of subjects or beneficiaries for each project described</u>	255,420 direct beneficiaries														
	Micronutrients														
<u>Activities</u>	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
Prevention Program		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>									
Support to MOH VAC supplementation campaigns as well as routine VAC distribution to U5s and lactating women within 2m of delivery. Iron supplementation provided to pregnant women and children U5. Training for MOH staff and extension agents (TBAs, VHWs).															
Treatment Orientation		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>									
Provision of iron syrup and tablets for treatment of anemia with U5s and women, through local MOH facilities.															
Supplementation project size															
National/Regional Program		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>									
Training and management support was provided to MOH staff and volunteers to improve supplementation programs.															
Equipment/Supplies		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>									
Provision of IEC materials, support for campaigns, and provision of iron tablets and syrup for prevention and treatment.															
Supplements Primary Distribution															
Through Public Channels		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>									
Ministry of Health															
Through NGOs		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>									
World Vision support to MoH															

Supplements Compliance Promotion	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																		
Preliminary 2004 survey results of MICAH intervention areas: 97% of women reported compliance to iron supplementation.																				
Supplementation Monitoring/Evaluation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>														
Determine Coverage among target groups as defined below																				
Supplementation Targeted Groups																				
Pregnant women	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>														
VAC for pregnant women—80% (M) vs. 75% (C). Iron supplementation among pregnant women 89% (M) vs. 73% (C).																				
Children 6-24 months of age	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>														
Iron supplementation to U5—26% in MICAH intervention areas.																				
Children 2 – 5 years of age	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>														
Iron supplementation to U5—26% in MICAH intervention areas. Bitot's spot child under age 5—0% in MICAH intervention areas.																				

Table 5: Dietary Diversity to Improve Micronutrient Nutrition:

<u>Geographic area(s) covered by this table</u>	<i>Sinden, Handeni, Korogwe, Tanga, Eastern Zone, Tanzania</i>
<u>Project Name (if relevant)</u>	<i>Micronutrient and Health (MICAH)</i>
<u>Supporting Agencies (if relevant)</u>	<i>Canadian International Development Agency, World Vision Canada, World Vision Tanzania, Tanzania Food and Nutrition Centre, Sokoine University of Agriculture, Line ministries of Health, Agriculture, Education, International Health & Food Association</i>
<u>Approximate # of subjects or beneficiaries for each project described</u>	<i>255,420</i>

Activities	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
Agricultural Initiatives															
Home Gardens		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>									
Community, school and backyard gardens focused on MN rich foods; Provision of seeds and seedlings; Preliminary survey data (2004) shows coverage of households with fruit trees & vegetable gardens in MICAH intervention areas at 21%.															
Agricultural Extension Activities		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>									
Supply of agricultural tools to farmers; support to enhance agricultural practices Training re: food preparation and preservation techniques; use of solar dryers															
Other areas using diet improvement to improve micronutrient nutrition.		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>									
Community education for Appropriate Infant/Young Child Feeding Practices – Promotion of Exclusive Breastfeeding, appropriate, nutrient dense Complementary Foods, frequency of feeding. Preliminary survey data (2004) shows coverage of EBF for 5-6m 28% (M) vs and 15% (C). and BFx 24m at 67% in the MICAH intervention area. Coverage of households Rearing and Consumption of small animals 61% in the MICAH intervention area. 480 households have access to Fish Ponds.															
Table 6: Other Public Health Intervention Links:															
<u>Geographic area(s) covered by this table</u>	Sindeni, Handeni, Korogwe, Tanga, Eastern Zone, Tanzania														
<u>Project Name (if relevant)</u>	Micronutrient and Health (MICAH)														
<u>Supporting Agencies (if relevant)</u>	Canadian International Development Agency, World Vision Canada, World Vision Tanzania, Tanzania Food and Nutrition Centre, Sokoine University of Agriculture, Line ministries of Health, Agriculture, Education, International Health & Food Association														
<u>Approximate # of beneficiaries</u>	255,420														

	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
<u>Activities</u>															
Hookworm Control		<input checked="" type="checkbox"/>													
Deworming and treatment of schistosomiasis; Preliminary 2004 survey data shows coverage results in the MICAH intervention area—56% U5s dewormed; hookworm present in 6% SAC; Schistosomiasis present in 3% SAC.															
Malaria Prevention and Control			<input checked="" type="checkbox"/>												
Distribution of ITNs; promotion of ITN use; treatment of malaria – provision of anti-malarial drugs; Training re: signs, symptoms, cause and prevention of malaria Preliminary 2004 survey data shows coverage results in the MICAH intervention area: Bednets at household –51%; malaria parasitemia in U5s at 6% compared with 6% in the control area.															
Polio/Immunizations		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>									
Support for immunization campaigns including supplies, IEC materials, transportation, per diem. VAC distribution in conjunction Measles immunization coverage of 81% children aged 12-23m vs. 80% in the control area..															
School Nutrition/Health Programs		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>									
School gardens increase supply of MN rich produce; improved focus on nutrition in curriculum results in greater awareness among families through students' influence															
Other (list)															
Promotion of community access to safe drinking water through construction, development and maintenance of small-scale water points.; Preliminary survey data (2004) show results from MICAH intervention areas (M) compared to control areas (C): 44% of households (M) had access to protected water source vs. 0.4% (C).; Promotion of latrine use – household, communal, school															
Table 7: Any other activities associated with each micronutrient(s) that you/your organization are working on:															
<u>Geographic area(s) covered by this table</u>											Sindeni, Handeni, Korogwe, Tanga, Eastern Zone, Tanzania				

<u>Project Name (if relevant)</u>	<i>Micronutrient and Health (MICAH)</i>														
<u>Supporting Agencies (if relevant)</u>	<i>Canadian International Development Agency, World Vision Canada, World Vision Tanzania, Tanzania Food and Nutrition Centre, Sokoine University of Agriculture, Line ministries of Health, Agriculture, Education, International Health & Food Association</i>														
<u>Approximate # of subjects or beneficiaries for each project described</u>	<i>255,420</i>														
	Micronutrients														
<u>Activities</u>	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>Research</i>															
<i>Clinical and biochemical indicators for VAD, anemia, parasitemia; anthropometry for U5s</i>															