



World Vision Canada/ Ghana

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

Table 1: Demographic Information

<u>Name of Reporting Individual</u>	<i>Mike Neequaye</i>
<u>Institution/Organization</u>	<i>World Vision Ghana</i>
<u>Contact address (Email)</u>	mike_neequaye@wvi.org
<u>Position</u>	<i>Nutrition & Health Program Manager</i>
<u>Department/Section</u>	<i>Central Sector Programmes</i>

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

<u>Geographic area(s) covered by this table</u>	Kwahu South & Kwahu West Districts, Eastern Region, Ghana
<u>Project Name</u>	Micronutrient and Health (MICAH)
<u>Supporting Agencies (if relevant)</u>	Canadian International Development Agency; World Vision Canada; World Vision Ghana, Ghana Health Service, Ghana Ministry of Food and Agriculture, Ghana Education Service
<u>Approximate # of beneficiaries</u>	150,000

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

Goitre among schoolchildren, Anemia (hemoglobin) among WCBA and U5 children, Clinical VAD among U5 and school aged children. Survey data from 1997, 2000 & 2004. Report on 2004 results to be completed early 2006.

Training/Capacity Building	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>									
Monitoring and Evaluation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>									
Analysis and Reporting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>									

Table 3: Food Fortification:

<u>Geographic area(s) covered by this table</u>	<i>Kwahu south District, Eastern Region, Ghana</i>
<u>Project Name (if relevant)</u>	<i>Micronutrient and Health (MICAH)</i>
<u>Supporting Agencies (if relevant)</u>	<i>World Vision Ghana, Ghana Health Service, National Nutrition Unit, Ministry of Food and Agriculture, Ghana Education Service, Subdistrict and District Health Mgmt Teams</i>
<u>Approximate # of subjects or beneficiaries for each project described</u>	<i>150,000</i>

	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>Commodities</u>															
Salt	<input checked="" type="checkbox"/>														
<u>Activities</u>															
Policy and Advocacy	<input checked="" type="checkbox"/>														
Advocating at national, regional and district level for compliance with iodized salt national policy; working with large iodized salt producers to improve market availability in communities outside the district capital.															
Communication Support	<input checked="" type="checkbox"/>														
Community level education and social marketing of iodized salt.															
Provision of Fortification Supplies	<input checked="" type="checkbox"/>														
Salt Test Kits															
Fortification Monitoring and Evaluation	<input checked="" type="checkbox"/>														
In collaboration with GHS at the district level, employed house-to-house testing approach in monitoring household consumption of iodated salt on a quarterly basis. Split out project vs. non-															

Piloted training & equipping of TBAs to provide VAC supplements to postpartum women.												
National/Regional Program												
Support national program for supplementation of iron/folate to pregnant women and vitamin A to children U5 and post-partum women.												
Equipment/Supplies												
Provided iron/folate supplements to community health volunteers, in collaboration with MOH staff.												
Supplements Primary Distribution												
Through Public Channels												
Ministry of Health												
Through NGOs												
World Vision support to MoH												
Supplements Compliance Promotion												
Monitoring of compliance with iron/folate supplements among pregnant women and WCBA; iron supplements among children U5 & school-age children.												
Supplementation Monitoring/Evaluation												
Determine Coverage among target groups as defined below												
Supplementation Targeted Groups												
Women												
Weekly iron/folate supplements & VAC within 8 weeks after delivery of child; 91% of WCBA in project areas reported receiving iron/folate supplements; 63% of women reported receiving a VAC within 8 weeks of delivering their youngest child. (based on 2004 cross-sectional household survey)												
Pregnant women												
Daily iron/folate supplements through antenatal services; 95% of women in project areas reporting taking iron/folate supplements during their most recent pregnancy (based on 2004 cross-sectional household survey)												
Children 6-24 months of age												
Weekly iron supplements through community-based distribution & twice-yearly VAC through campaigns (see below for results for all children U5)												
Children 2 – 5 years of age												

Weekly iron supplements through community-based distribution & twice-yearly VAC through campaigns to target of 16,200 children U5.

Coverage: 85% of children U5 receiving iron supplements (based on 2004 cross-sectional household survey)

Only 26% of children U5 received a VAC within the past six months at the time of the survey in 2004 due to a challenge experienced in the national VAC campaign implementation. Usually coverage is reported to exceed 100% by the district health management team.

Children in school



Children 6-12 years received weekly iron/folate supplements through school distribution; project covered 99% of targeted population (22,000 children)

Table 5: Dietary Diversity to Improve Micronutrient Nutrition:

<u>Geographic area(s) covered by this table</u>	<i>Kwahu South & West Districts, Eastern Region, Ghana</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 Ghana, Ghana Health Service, Ghana Ministry of Food and Agriculture, Ghana Education Service</i>														
<u>Approximate # of subjects or beneficiaries for each project described</u>	<i>150,000</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>Dietary Policy and Advocacy</i>															
Participated															
<i>Agricultural Initiatives</i>															
<i>Home Gardens</i>															
<i>Agricultural Extension Activities</i>															
<i>Other areas using diet improvement to</i>															

improve micronutrient nutrition.

Appropriate Infant/Young Child Feeding Practices – Promotion of Exclusive Breastfeeding, appropriate, nutrient dense Complementary Foods, frequency of feeding
Rearing and Consumption of small animals

Table 6: Other Public Health Intervention Links:

<u>Geographic area(s) covered by this table (community, province, country, region)</u>	<i>Kwahu South & West Districts, Eastern Region, Ghana</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 Ghana, Ghana Health Service, Ghana Ministry of Food and Agriculture, Ghana Education Service</i>
<u>Approximate # of beneficiaries</u>	<i>150,000</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

Hookworm Control

School children and children under 5 years benefited from deworming exercises carried out in all project communities. In all 19,551 school children and 5,786 pre-schoolers were dewormed during the year of 2005.

Malaria Prevention and Control

Environmental sanitation activities such as the clearing of surroundings and decanting of small pools/ponds of water in project communities. Sub-district health teams and community health volunteers carried out educational sessions on malaria control and prevention in all project communities. Topics covered include etiology of malaria, factors that encourage the spread, effect on pregnant women and children under 5years, prevention and management of malaria. In 2005, the project supplied 1029 ITNs to households with either a child under 5years or pregnant woman or both. Patronage for ITNs is high.

Polio/Immunizations

School Nutrition/Health Programs	<input checked="" 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Training of teachers regarding micronutrient and health concerns among school-age children; school vegetable gardens & fruit trees; input to curriculum for education on nutrition, health.																				
Community/Rural Development	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Project implemented in communities where World Vision is already engaged in long-term community development.																				
Agricultural Extension	<input checked="" type="checkbox"/>	<input checked="" 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Collaborated closely with Ministry of Food & Agriculture district team to provide training and support to farmers in growing micronutrient-rich vegetables, fruits and animal sources foods.																				
Baby Friendly Hospital Initiative	<input checked="" 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Certain Health facilities have been designated as baby friendly hospitals; Lactation Management activities were carried out at all the 20 static health institutions. These institutions promoted, protected and supported breastfeeding together with the mother support groups in the communities.																				
Other (list)	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supervision and Monitoring of water and sanitation activities were carried out in all 110 project communities. 88% of targeted households now are benefiting from protected water sources. 120 households were supported by MICAH Project to construct VIP latrines during the year. 551 households constructed soakaways and 41 VIPs without any support.																				
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>	<i>Kwahu south District, Eastern Region, Ghana</i>																			
<u>Project Name (if relevant)</u>	<i>Micronutrient and Health (MICAH)</i>																			
<u>Supporting Agencies (if relevant)</u>	<i>World Vision Ghana, Ghana Health Service, National Nutrition Unit, Ministry of Food and Agriculture, Ghana Education Service, Subdistrict and District Health Mgmt Teams</i>																			
<u>Approximate # of subjects or beneficiaries for each project described</u>	<i>150,000</i>																			

	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>															
Other areas (please list)															
Clinical and biochemical indicators for anemia, parasitemia; anthropometry for U5s															