

## CASE STUDY

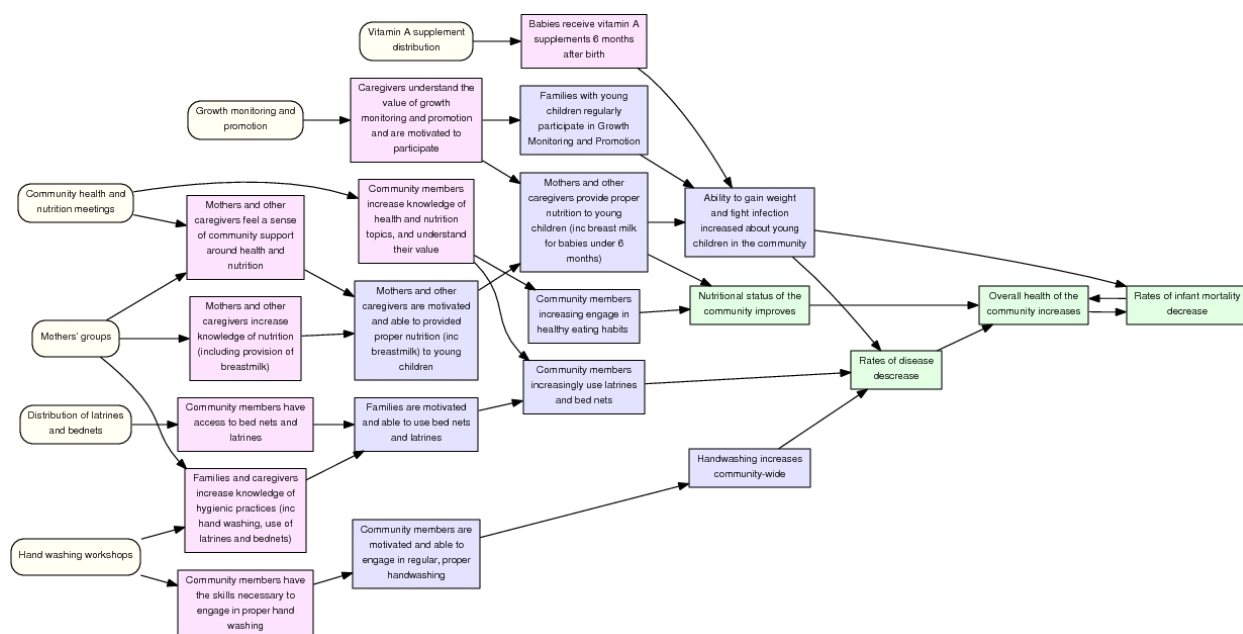
# WALA Annual Survey, 2011

## Part I - Overview

### Background

The Wellness & Agriculture for Life Advancement (WALA) program was a five year (2009-2014) program (MYAP) funded by USAID-FFP. CRS/Malawi is the lead agency and grant holder for a consortium of seven WALA program implementing partners<sup>1</sup> and ACIDI/VOCA provides support in Agribusiness. The goal of the program is to reduce food insecurity among 214,974 chronically food insecure households in 39 Traditional Authorities within five livelihood zones in southern Malawi by 2014. WALA aims to achieve the above goal through three strategic objectives that include targeted 273 communities that have improved capacity to withstand shocks and stresses.

### ToC Pathway Model



### Purpose of the Survey

WALA Program has its obligation to the donor USAID/FFP and the Government of Malawi to report on the achievements/progress made in improving the well-being of poor in the program areas on an annual basis. The annual survey will also provide some insights to the program managers on how different interventions are working in the field and what is not working. The PAT data will be gathered from the beneficiaries participating in any income earning activities such as VSL group and Agribusiness activities. The FY10 Annual Survey results will also be used for the mid-term evaluation due early next year.

The specific objectives of the annual survey are

- i. To provide estimates on the IPTT indicators that needs to be reported on an annual basis.

<sup>1</sup>Africare, Chikwawa Diocese, Emmanuel International, Project Concern International, Save the Children, Total Land Care and World Vision.

- ii. To assess WALA beneficiary's knowledge and practice regarding different program interventions, e.g., breastfeeding, hand washing, use of toilet facility, etc.
- iii. To understand the perception of beneficiaries on different WALA interventions.
- iv. To collect and report data using the Poverty Assessment Tool (PAT).

### **Sample Design**

The annual survey is designed to provide estimates for the key indicators at the consortium level only, though the sample is drawn from all the districts to have sample spread/representation. 10 program villages each from the eight districts will be sampled; and, from each of the sampled villages, 15 households each will be randomly sampled from the list of beneficiaries. Thus a total sample of 1,200 households will be covered for the consortium as a whole.

The proposed sample size is sufficient enough to provide reliable estimates with less than 5 percent margin of error on most indicators, with some exceptions such as exclusive breastfeeding, births attended by health personal etc. which are based on number of children age 0-5 months, 0-11 months old respectively will have slightly higher margin of error. The list of beneficiaries in the selected villages will be compiled from the list of Care Group, Producer Group and VSL Group members, and from that compiled list a sample of 15 households will be drawn for administering the questionnaires.

### **Major Activities and coordination**

Four teams will be formed to collect the data and each team will have three interviewers and one supervisor. In a day each team will have to complete 15 interviews and with this assumption, the whole data collection exercise will run for 20 days.

## **Part II - Learning Questions**

### **Learning Questions (LQs)**

1. What are WALA beneficiaries' current levels of knowledge and practice? (Regarding different program interventions, e.g., breastfeeding, hand washing, use of toilet facility, etc.)
2. What is the health status of WALA beneficiaries?

Part III - Survey



FY11 Annual Survey: HOUSEHOLD QUESTIONNAIRE (Sept-Oct 2011)

**MODULE 1: DEMOGRAPHIC AND SOCIO-ECONOMIC HOUSEHOLD PROFILE**

Please tell me the name of each person who usually lives here, starting with the head of the HH. **FIRST LIST ALL THE NAMES IN “Q.102. NAME OF THE HHH” COLUMN BELOW, WITH HEAD OF THE HH IN LINE 01. THEN ASK:** Are there any others who live here, even if they are not at home now, e.g. children in school/boarding/hostel or adults at work? **IF YES, LIST THEIR NAMES IN Q102 BELOW.**

101. Line No	102. LIST THE NAMES STARTING WITH HEAD OF THE HOSUEHOLD	103. Is (NAME) male or female?		104. What is the relation ship of (NAME) with the HHH?	105. How old is (NAME)? Nanga (DZINA) ali ndi zaka zingati zakubadwa?  REFER HEALTH PASSPORT OR AGE CALENDER.  WRITE AGE IN COMPLETED YEARS.  95 IF 95+ YRS DK = 98	IF 12+ YRS		IF 18+ YRS		IF 5+ YRS	
		M	F			106. What is the current marital status of (NAME)?		107. Has (NAME) been very sick for at least 3 months during the past 12 months?		108. Can (NAME) read a one page letter?	
Line	Name	M	F	Code	Age	Code	Y	N	Y	N	Code
01		1	2	1	___	___	1	2	1	2	___
02		1	2	___	___	___	1	2	1	2	___
03		1	2	___	___	___	1	2	1	2	___
04		1	2	___	___	___	1	2	1	2	___

#	QUESTION AND FILTER	RESPONSE CODES
1	<p>What kind of toilet facility do most members of your household <b>usually</b> use?</p> <p>[OBSERVE AND RECORD]</p>	<p>Flush toilet ..... 1</p> <p>Ventilated improved latrine ..... 2</p> <p>Traditional latrine with roof ..... 3</p> <p>Traditional latrine without roof ..... 4</p> <p>No facility/bush/field..... 5</p> <p>Other (SPECIFY _____) ... 6</p>
2	Do you have a hand-washing facility outside the toilet?	<p>Yes ..... 1</p> <p>No ..... 2</p>
3	Does your household have a special place for hand washing?	<p>Yes ..... 1</p> <p>No ..... 2</p>
4	<p><b>ASK TO SEE THE PLACE USED MOST OFTEN FOR HAND WASHING AND OBSERVE IF THE FOLLOWING ITEMS ARE PRESENT</b></p> <p><b>MULTIPLE RESPONSES POSSIBLE. CODE ALL OBSERVED</b></p>	<p>Water/Tap..... a</p> <p>Tip-tap ..... b</p> <p>Soap/ash/other cleansing agent..... c</p> <p>Basin (to wash hands inside)..... d</p> <p>Basin for communal washing..... e</p> <p>Someone pouring water on others hand ..... f</p> <p>Other (SPECIFY _____) . x</p>
5	<p>What is the date of birth of (NAME)?</p> <p><b>COLLECT FROM THE MOTHER THE "HEALTH PASSPORT" OF (NAME) AND COPY DOWN THE INFORMATION. IF (NAME) DOES NOT HAVE THE HEALTH PASSPORT, COLLECT OTHER BIRTH RECORDS AND COPY DOWN. IF (NAME) DOES NOT HAVE ANY RECORDS, ASK THE MOTHER/CARE GIVER.</b></p>	<p>Day..... ____</p> <p>Month..... ____</p> <p>Year..... ____</p> <p><b>RECORD '98' IN DATE CELLS IF NOT SEEN/REPORTED</b></p>
6	RECORD AGE OF (NAME) IN MONTHS (USE AGE TABLE)	<p>IN MONTHS AGE ..... ____</p> <p><b>RECORD '00' IF &lt; 1 MONTH OLD</b></p>
7	<p><b>CHECK Q.705: AGE OF CHILD 0 – 11 MONTHS</b></p> <p><input type="checkbox"/> YES ⇒ CONTINUE Q.706    <input type="checkbox"/> NO ⇒ GO TO Q.709</p>	
8	<p><b>Who assisted with the delivery of (NAME)?</b></p> <p><b>PROBE: Anyone else? Anyone else?</b></p> <p><b>MULTIPLE RESPONSES POSSIBLE</b></p>	<p>Doctor/Clinical Officer..... a</p> <p>Nurse/Midwife ..... b</p> <p>Trained traditional birth attendant c</p> <p>Untrained traditional birth attendant d</p> <p>Community health workere</p> <p>Relative/friend..... f</p> <p>Other (SPECIFY) _____</p> <p>..... x</p> <p>No one ..... z</p>

#	QUESTION AND FILTER	RESPONSE CODES
9	<p>Where did you/mother give birth to (NAME)?</p> <p><b>IF IT IS A HOSPITAL, HEALTH CENTER, OR CLINIC, ASK THE NAME OF THE PLACE. PROBE TO IDENTIFY THE TYPE OF IT AND CIRCLE THE APPROPRIATE CODE</b></p>	Govt. hospital/health center/clinic 1 Mission hospital/health center/clinic 2 Pvt. hospital/health center/clinic 3 Own Home..... 4 Other's Home ..... 5 Other (SPECIFY)_____ 6
10	<p>In the first two months after the birth of (NAME), did you receive a Vitamin A dose like this for you?</p> <p><b>SHOW 200,000 IU CAPSULE OR DISPENSER (RED). SHOW 100,000 IU CAPSULE OR DISPENSER (BLUE).</b></p>	Yes ..... 1 No ..... 2 DK..... 8
11	<p>Now I would like to ask you about certain health and hygiene practices of your household.</p> <p>The last time (NAME) passed stools in your presence, where were the feaces disposed off?</p>	Dropped into toilet facility .....01 Dropped into rubbish pit .....02 Rinsed/washed away.....03 Buried in yard .....04 Throw in the compound .....05 Throw outside the compound .....06 Did nothing/left it there.....07 Other (SPECIFY)_____96
12	<p><b>CHECK Q.709: IF RINSED/WASHED AWAY (CODED 03)</b></p> <p><input type="checkbox"/> YES ⇒ CONTINUE Q.711                      <input type="checkbox"/> NO ⇒ Q.712</p>	
13	<p>The last time (NAME) passed stools in your presence where was the waste water disposed?</p>	Water discarded into toilet facility .. 1 Water discarded into sink or tub connected to drainage system .....2 Water discarded outside.....3 Other (SPECIFY)_____6
<b>HANDWASHING</b>		
14	<p>When do you wash hands with soap or ash or other cleansing agents? <b>PROBE:</b> Any other time?</p> <p><b>MULTIPLE RESPONSE POSSIBLE</b></p>	Never ..... a Before food preparation..... b Before feeding children..... c After visiting the toilet ..... d After attending to a child who has defecated ..... e Before eating food ..... f Others(SPECIFY)_____ . x
<b>USE OF BEDNET</b>		

#	QUESTION AND FILTER	RESPONSE CODES
15	<b>CHECK HH.Q.150: HH HAS BEDNET</b>  <input type="checkbox"/> YES, HAVE BEDNET ⇒ CONTINUE Q.714 <input type="checkbox"/> NO ⇒ GO TO Q.720	
16	Did (NAME) sleep under a treated or long lasting bednet last night?	Yes ..... 1 No ..... 2
17	Now I would like to discuss with you regular attendance of your child in MoH run growth monitoring and promotion (GMP) session.  Did (NAME) ever weigh in a GMP session?	Yes ..... 1 No ..... 2
18	Does (NAME) have a health passport or GMP card? IF YES, May I see it?	Yes, seen ..... 1 Yes, not seen ..... 2 No ..... 3
19	(NAME) WEIGHED IN LAST MONTH?  <b>OBSERVE HEALTH PASSPORT/GMP CARD AND RECORD.</b>	Yes ..... 1 No ..... 2
20	(NAME) WEIGHED AT LEAST TWICE IN PAST 3 MONTHS?  <b>OBSERVE HEALTH PASSPORT/GMP CARD AND RECORD</b>	Yes ..... 1 No ..... 2
21	<b>CHECK Q.705: AGE OF CHILD 0 – 23 MONTHS</b>  <input type="checkbox"/> YES ⇒ CONTINUE Q.801 <input type="checkbox"/> NO ⇒ GO TO Q.900	
22	Has (NAME) ever been breastfed?	Yes ..... 1 No ..... 2 DK ..... 8
23	During the first three days after delivery, was (NAME) given anything to drink other than breast milk?	Yes ..... 1 No ..... 2 DK ..... 8
24	Is (NAME) still being breastfed?	Yes ..... 1 No ..... 2
25	Was (NAME) breastfed yesterday during the day or at night?	Yes ..... 1 No ..... 2
26	How many times was (NAME) breastfed yesterday during the day and at night?	Number of times ..... ____
a.	Any other solid or semi-solid food?	1     2

## Part IV - Data

This table shows a set of raw baseline data collected using a sub-set of the above questions. All of this data relates to hand washing.

Respondent	#2 Do you have a hand-washing facility outside the toilet?		#3 Does your household have a special place for hand washing?		#4 Ask to see the place most often used for handwashing. Which of the following are observed?							#14 When do you wash hands with soap or ash or other cleansing agents?						
Code	Yes	No	Yes	No	A	B	C	D	E	F	Other	Never	A	B	C	D	E	Other
	1	0	1	0	1	1	+1	1	1	1	1	0	+1	+1	+1	+1	+1	+1...
1	1		1		2						3							
2	0		0		1						0							
3	0		1		1						0							
4	0		1		1						0							
5	0		0		1						0							
6	0		1		2						2							
7	0		0		1						0							
8	0		1		1						0							
9	0		1		1						0							
10	1		1		2						4							
11	0		0		1						0							
12	0		1		2						3							
13	0		0		1						0							
14	0		1		1						0							
15	0		1		1						0							
16	0		0		1						0							
17	1		1		2						2							
18	1		1		2						4							
19	0		1		1						0							
20	0		0		1						0							

## Part V - Results Summary

		Baseline	Achieved
1	1.3. Percentage of children aged 0-59 months in Growth Monitoring and Promotion (GMP) gaining weight in past 3 months (Impact) (Beneficiary) (FFP)	60%	63%
2	1.1.1. Percentage of children aged 0-5 months who are fed exclusively with breast milk (Outcome) (FFP) (GoM – MoAFS)	65%	67%
3	1.1.2. Percentage of children aged 6-23 months who receive a minimum acceptable diet apart from breast milk (continued breast feeding, age appropriate dietary diversity and age appropriate frequency of feeding) (Outcome) (FFP) (GoM – MoAFS)	12%	22%
4	1.1.3. Percentage of caregivers of children aged 0-59 months demonstrating at least two proper environmental hygiene behaviours (use of latrines, hand washing and correct use of LLIT bed nets) (Outcome) (FFP) (IEE) (GoM – MoAFS)	6%	17%
5	1.2.1. Percentage of children aged 0-59 months regularly attended growth monitoring sessions (Outcome) (WALA)	41%	51%
6	1.2.3. Percentage of children aged 0–11 months whose births were attended by skilled health personnel (Outcome) (WALA)	78%	86%



## Part VI - Report

The main objective of the annual survey was to measure the progress registered by the program during the past two years of implementation (July 2009 to June 2011) which can be compared against the benchmark of performance indicators in the Indicator Performance Tracking Table (IPTT) set during the baseline survey. The survey was internally managed by the CATCH Monitoring, Evaluation and Knowledge Management Unit with the support from PVO M&E officers. Sample was drawn from all the 8 WALA districts and the data collection was carried out from mid-September to early October 2011.

The total sample size for the survey was 1,200 beneficiary households (inflating 10% for non-response) which were sufficient enough to provide reliable estimates with less than 5 percent margin of error on most indicators at the consortium level, with 95 percent confidence. Data collection was done by externally sourced enumerators who were trained and supervised by the CATCH M&E team and PVO M&E officers. A total of 1,096 household and 970 child questionnaires were completed by the end of the survey period.

Overall, the sample consisted of 35 percent female headed households (31% in baseline) and 14 percent elderly headed (13% in baseline) with an overall mean household size of 5.2. The results further revealed that six percent of households had no agriculture land while 72 percent has less than 1 hectare. Most of the households (73%) rely on agriculture (crop farming), small businesses (12%) and *ganyu* (8%) as major sources of income.

There is a 10 percentage point (41% vs 51%) increase in under-five children attending GMP in the baseline and 2011 annual survey with 63 percent of these children gaining weight compared to 60 percent during the baseline survey. However, there is substantial variation among districts for children gaining weight. Sixty-seven percent of children aged 0-5 months are estimated to be exclusively breast fed compared to 65 percent during the baseline survey. The survey also revealed that there is a sharp increase in proportion of children aged 6-23 months receiving minimum acceptable diet from 12 percent in 2009 to 22 percent in 2011. In terms of hygiene practices more mothers (17% in 2011) are demonstrating at least 2 environmental hygiene behaviors compared to only six percent in 2009. More deliveries (86%) are reported to have taken place in health facilities and the same proportion of births was reported to have been attended by trained health personnel compared to 78 percent in 2009.

### Challenges

- The adoption of energy saving technologies and hygienic practices are low.
- Slow progress in dietary diversity.
- Exclusive breastfeeding is low despite higher proportions of institutional delivery WALA program areas.

### Opportunities

- Sensitizing communities on the importance of saving natural resources and importance of keeping good hygienic practices. However, some of the changes are linked to economic conditions at the household level.
- Introduction of new food recipes will promote dietary diversity and use of locally available food items, and promotion of livestock will result in better nutritional status.
- Growth monitoring and promotion (GMP) activities need to be strengthened, only about half of all children under five are attending GMP sessions regularly and of those more than one third are not gaining weight.
- There is a need to emphasize for proper counseling of mothers during natal and post-natal period on exclusive breastfeeding, as this play an important role in child's survival
- Promote kitchen garden including the keyhole garden through an integrated effort of MCHN, agriculture and irrigation sectors.