Baseline/Endline Surveys and Situation Analysis for the Intervention of MCHRB Project in Ashanti Region

Dr. Patrick Aboagye (Director, Family Health Division, Ghana Health Service)
Dr. Abraham Hodgson (Director, Research and Development Division, Ghana Health Service)
Ms. Sybill Sory (Research and Development Division, Ghana Health Service)
Dr. Akiko Hagiwara (Chief Advisor, MCH RB project, Japan International Cooperation Agency)

Background

The GHS-JICA Project for improving continuum of care for mothers and children through the introduction of combined MCH Record Book (Ghana MCH RB project) launched the MCH RB in March 2018 and started the nation-wide distribution. In 2018, Trainings of Trainers (ToT) on the effective use of MCHRB were conducted in all 10 regions resulting in 869 national, regional and district facilitators trained.

In 2019, the project is planning to start more intensive capacity building activities on the Book in focus districts of Ashanti region. In order to assess the effectiveness of the activities and to study current situation regarding maternal and child health and nutrition (MCHN), the project plan to conduct a baseline survey and situation analysis study prior to the intervention and then end-line survey post intervention.

Planned Project intervention in focus districts in Ashanti Region

Planned intervention in focus districts

The Intervention will run for approximately 1.5 year. The main activities will include;

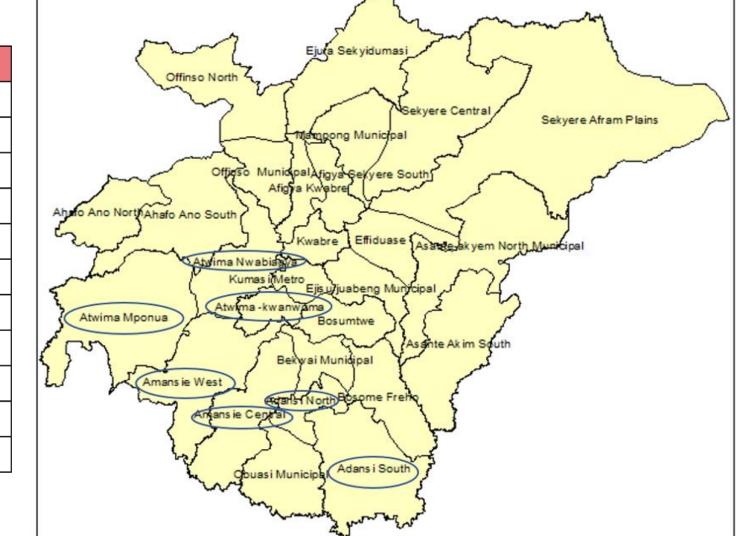
- Health worker training on MCH Record Book
- Health worker training on Respectful Care and Nutrition Clinic utilizing MCH RB
- On-site monitoring and coaching after the trainings
- ◆ BCC activities to support above three interventions
- Provision of equipment and materials for MCH services

Selection of Focus districts in Ashanti Region

Seven focus districts were selected by the Ashanti Regional Health Directorate in accordance with the agreed selection criteria during the selection meeting in October 2018.

Number of districts currently stands at 11 due to the split of districts. The study will be conducted utilizing the old distinction of the districts before the split.

7 Focus Zones			11 Districts	
,	Adansi North	1	Adansi Asokwa	
1		2	Adansi North	
2	Adansi South	3	Adansi South	
2		4	Adansi Akrofruom	
3	Amansie Central	5	Amansie Central	
	Amansie West	6	Amansie South	
4		7	Amansie West	
5	Atwima Mponua	8	Atwima Mponua	
6	Atwima Nwabiagya	9	Atwima Nwabiagya	
6		10	Atwima Nwabiagya North	
7	Atwima-Kwanwoma	11	Atwima Kwanwoma	



Focus districts workshop in Ashanti Region

In February 2019, a 2-day workshop was conducted with participants from the 7 focus districts to explain project intervention and explore possible activities in each district. Project will reflect the local MCHN issues and the possible actions proposed by each district in the project intervention.





Objectives of Study

Objective 1: To assess outcomes and key outputs of the project intervention

Objective 2: To identify current situation and challenges on Maternal and Child Health and Nutrition

Methodology

Study site

Baseline data will be collected at 3 study districts and 3 control districts, while situation analysis will be conducted at 3 study districts only. 3 study districts were randomly selected from 11 focus districts. 3 control districts were selected from outside of focus districts by matching with socio-demographic and health indicators.

Study districts	Control districts
◆ Adansi North	Asante Akim South
Amansie Central	◆ Ejisu
Atwima Nwabiagya	◆ Kwabre East

In each district, 1 public hospital and 2 health centers will be selected randomly.

Target Population and Sample size

[Quantitative: baseline survey and part of situation analysis]

- 300 women each in study districts and control districts
- 60 Health workers in study districts and control districts [Qualitative: situation analysis]
- 60 women for Focus Group Discussion (FGD) and 30 for in-depth interview
- 60 Health workers for in-depth interview

Study Design

Quantitative data will be collected through individual interviews by using questionnaires. The questionnaires were developed in line with the data to be collected for each indicator.

Sample indicators:

- Number of mothers who received ANC1 by 12 weeks, 3 ANC visits in 2nd trimester, 4 ANC visits in 3rd trimester
- Rate/number of books with correct newborn record
- Proportion of all women who reported that they were given the opportunity to discuss their concerns and preferences
- Rate/Number of mothers who can recall doable action(s)/suggestions given by HWs in previous Nutrition Counseling sessions.
- Rate of children meeting Minimum meal frequency, Minimum Dietary Diversity, consumption of animal source foods

In addition, interview and FGD will be conducted to collect detailed information on specific themes.

Sample themes

- Barriers for exclusive breastfeeding for the first 6 months
- Barriers for pregnant women to take animal source food regularly
- Reasons why mothers are satisfied or dissatisfied with MCH services

Timeline

The baseline survey and situation analysis are planned in June 2019, and the end-line survey will be conducted in December 2020.

*The proposal of this study was examined and accepted by the Ethical Review Committee, Ghana Health Service.







