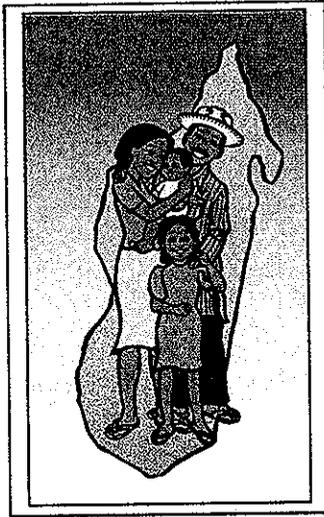


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CONTRACT N°. 687-C-00-98-00215-00
SMALLER HEALTHIER FAMILIES PROJECT
Strategic Objective Two
Benjamin Andriamitantsoa, COTR/HPN

Quarterly report

March-April-May-June 2001

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Cyclone Disaster Preparedness and Mitigation



A

JSI/MADAGASCAR QUARTERLY PERFORMANCE REPORT

PROJECT: Contract No. 687-C-00-98-00215-00

TITLE: Cyclone Disaster Preparedness & Mitigation Project (DPM)
Supplemental I (19 September 2000 to 18 September 2001) and
Supplemental II (29 December 2000 to 10 November 2002)

PERIOD OF THIS REPORT: March - June 2001

FIELD ACTIVITY MANAGER: Dr. Solomon Razafindratandra

PERSON SUBMITTING REPORT: Nancy P. Harris, Chief of Party

Introduction

This report represents the third quarterly report for Supplemental I (USD 500,000) and includes major accomplishments during the first two quarters as well as additional activities for Supplemental II (USD 1,000,000). Under both of these supplementals, the John Snow, Inc. Smaller, Healthier Families or *Jereo Salama Isika* project has made substantial progress in implementing activities designed to reduce morbidity and mortality from cholera in Fianarantsoa Province, particularly those hardest hit in the southeastern districts: Nosy Varika, Mananjary, Manakara, Vohipeno and Farafangana.

Based on the JSI community mobilization model, activities were launched in the targeted districts and communities with the objective of strengthening community structures. During cholera awareness day campaigns, coordination efforts were made through meetings and workshops held with district health services, administrative authorities, NGOs and other stakeholders. To date, 70 selected communities are fully mobilized, and festivals were organized at the commune level. The twenty selected basic health centers (BHC) have been fully equipped and have undergone modest repairs; they are positioned to save lives through cholera treatment centers built under community initiatives.

I. Current Activities

IEC and Community Mobilization

Efforts made to engage the local population are now beginning to show results. Health extension volunteers and the Local Health Committees (CASCs) are now organizing festivals on health topics, including disaster preparedness, diarrhea and cholera prevention and treatment, acute respiratory infection, and expanded program of immunization (EPI). The CASCs and the 350 locally trained health extension volunteers continue to disseminate information, education and communication through the supply of IEC materials.

Health Center Activities

At this time, 20 Basic Health Centers in the five targeted districts have been supplied with basic medical and cholera treatment equipment. All of them are now Cholera Treatment Centers. Eighteen are operational, while two will be opened soon. (For cholera treatment equipment provided, please refer to the attached list.)

During the most recent cholera outbreak in the Fianarantsoa province, about 25% of these centers received cholera cases from target communities or those nearby. Response was quick, and no fatalities were noted in the rural centers. Health workers received the support of the CASCs and health extension volunteers.

Safe water issue

Potable water remains the main problem in almost every commune, and even at the health centers. Communities are told to boil water and received information on the use of Sur'Eau or ORS as a short-term solution.

II. Major Accomplishments/Milestones Achieved this Quarter

Cholera issue

A cholera outbreak occurred in the third quarter. Cholera prevention campaigns were conducted throughout the five districts. These and other activities led to a reduction in the incidence of cholera cases. In addition, measures were taken for collective clean-up days and use of latrines. At this writing, latrines are built and used in the selected communities; this constitutes a major step forward by the population and marks a change in traditional beliefs concerning use of latrines. Production and distribution of IEC materials, specifically adapted to cyclone and cyclone-related health topics, are now completed.

Health post improvement

Under both Supplemental I and Supplemental II, 20 health posts are currently undergoing modest repairs, which were scheduled for completion by the end of June.

Research and studies

The Pasteur Institute recently completed data collection on malaria resistance prevalence in the cyclone area. A Knowledge, Attitude, Practice (KAP) study was also completed, and results are now available to guide future malaria campaigns. Both studies will inform and provide direction to the work being carried out at local levels. Meetings to share results of these studies will be held in the next quarter.

Staffing

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Recruitment is continuing for the Program and Subcontract Manager position based in Antananarivo. Development of subcontracts is a major focus. To date, two potential NGOs have been contacted but further discussions are necessary.

IR – Progress against Indicators

- * Strategy for cholera prevention and treatment adopted in the five districts
- * MOH district health services have prepared cholera treatment protocols and identified equipment required for cholera treatment centers
- * Inter-disciplinary health teams continue to work closely with communities to ensure technical and administrative coordination efforts in each of the five districts
- * 70 communities receiving support
- * 20 designated BHCs equipped with basic medical and cholera treatment equipment
- * 20 designated BHCs undergoing minor repairs (to be completed by the end of June)
- * 20 local health committees established, trained and holding regular meetings; CASCs supporting the health volunteer activities and organizing festivals
- * 350 village level health volunteers (animators) trained, equipped and now reinforcing health messages about cyclone related diseases
- * 375 health education sessions held as per the health volunteers' monthly report
- * An "alert and response" system established for cholera case control. This entails swift follow-up visits at the household level to prevent and mitigate further outbreaks through health education.
- * "Fast track" distribution circuits established for IEC materials with continuing distribution.
- * More than 800,000 IEC health materials distributed to target audiences throughout the five districts.

III. Recommendations

A USAID/Madagascar team visited cyclone supplemental target areas in early May. Requests were received from local authorities to extend support to more villages. Potable water was reported to be the most important need for the population. The major recommendation from USAID/Madagascar was for more focused technical assistance at the district health service level to ensure better coverage in collaboration with other JSI activities.

IV. Major Activities Planned for Next Quarter (July – September 2001)

The following are major activities planned in the next quarter:

Technical Assistance

Reinforcing technical assistance at the district health service includes supporting local health centers, commune authorities, and the district. Health center staff will in turn benefit from specific technical support (via on-site training, in-service training sessions, supportive supervision, and monthly review training) concerning cyclone related diseases, EPI, cholera management, treatment of ARI, improved malaria treatment, essential nutrition actions, and key reproductive health activities (family planning, STI prevention, safe motherhood).

The JSI team will also work with health center and district personnel on data collection, logistics and reporting, and to ensure that adequate supplies of key essential drugs, particularly ORS, are ordered through Ministry channels. Supply of contraceptives will now be included as well.

Expansion

Expansion and intensification of activities in target areas will be a major challenge for the coming quarter:

- * 35 extra basic health centers will be selected to undergo minor repairs and to receive medical equipment supplies
- * 50 additional communities will be selected
- * 250 new health extension volunteers will be trained
- * 15 new health committees will be established
- * Local and international partners will be selected to partner in key activities.

Studies

A small KAP study about maternal home-care of sick and febrile children will be conducted to complete the recently conducted Pasteur Institute study on malaria resistance prevalence.

Malaria campaign

A malaria campaign will be a major focus for the near future. DIRDS, ASOS, PSI and JSI will coordinate their combined efforts to develop a malaria prevention strategy including impregnated mosquito net use, IEC through malaria newspapers (Gazety), and community based distribution of chloroquine.

Social fund

Village health committees and structures are in place at most selected communities to manage the social fund. Piloting social funds in 2-3 villages started in June. Because of severe food shortages, and in response to community requests, JSI has proposed expansion of the social fund from pregnant women and children to all indigent persons.

Nutrition

Three district technicians in nutrition are identified and will be operational in July after training in collaboration with LINKAGES. They will be located in three districts (Manakara, Nosy Varika and Vohipeno), but will support nutrition activities in the five target districts of the Cyclone Supplemental. This approach will address both the issue of the availability of space at MOH offices to house three more technicians, and reinforce activities in Vohipeno and Nosy Varika.

Procurement

Procurement of new IEC materials and a plan for major purchases are attached to this report. A list of procurements planned for completion in the coming quarter is also attached.

V. Consultant Activities during this Quarter and Planned for Next Quarter:

A. Consultants during this quarter included the following:

- * Dr. Theodore Leon - Development and organization of the KAP study questionnaire.

B. Consultants planned for next quarter (July - September) include:

- * Dr. Eljo Ratrio Andriantify – Pilot social funds development – 60 workdays
- * Dr. Theodore Leon - Development and organization of the KAP study questionnaire.

VI. Financial Report and attachments

A. Third Quarter Financial Report

B. List of new procurements

C. List of Equipments provided for Cholera Treatment Centers.

APPENDIX

Appendix I : Financial Report

Appendix II : New Procurement

Appendix III : List of Equipment provided to Cholera Treatment Centers.

APPENDIX II
NEW PROCURMENT

**Cyclone Disaster Preparedness & Mitigation Project (DPM)
Supplemental I (1st September 2000 to 18 September 2001)
Contract N° 687-C-00-98-0025-00**

**PROCUREMENT TO BE COMPLETED WITHIN THE NEXT QUARTER
(JUL-AUG-SEP 2001)**

IEC Materials

- 150 000 4-method family planning pamphlet
- 25 000 health card
- 2 400 acute respiratory infections counseling card
- 3 000 cholera counseling card
- 7 200 cyclone counseling card
- 2 400 diarrhea counseling card
- 1 200 malaria counseling card
- 20 000 cholera poster
- 15 000 cyclone poster
- 100 000 newsprint paper on acute respiratory infections
- 250 000 newsprint paper on cyclone
- 100 000 newsprint paper on diarrhea
- 150 000 newsprint paper on malaria
- 1 000 cyclone warning flag
- 500 vaccination day flag
- 25 000 vaccination certificate
- 5 000 vaccination certificate poster
- 5 000 vaccination flag poster
- 1 500 t-shirt
- 1 000 certificate for animator
- 1 000 plastic folder

Medical equipment

- 20 sthetoscope
- 20 blood pressure cuff
- 40 tourniquet (latex)
- 60 thermometer
- 20 dissection forceps
- 20 straight forceps
- 20 bedpan
- 20 blunt-ended scissors
- 20 stainless steel kettle
- 20 Foerster clamp

Computer Equipment

- 2 desktop
- 2 ups
- 1 printer laserjet
- 2 printer deskjet
- 1 laptop
- 1 mobile surge protector
- 1 automatic voltage regulator

Vehicle

- 1 Toyota Hilux 4x4

APPENDIX III

LIST OF EQUIPMENT PROVIDED TO CHOLERA TREATMENT CENTERS

QUARTERLY REPORT - CYCLONE DISASTER PREPAREDNESS AND MITIGATION PROJECT
MARCH - APRIL - MAY - JUNE 2001

**Cyclone Disaster Preparedness & Mitigation Project (DPM)
Supplemental I (1st September 2000 to 18 September 2001)
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EQUIPMENT PROVIDED TO CHOLERA TREATMENT CENTERS

350 12 liter bucket
875 5 liter bucket
735 Kgs calcium hypochloride
20 120 liter plastic barrel with faucet
150 40 cm bassin
25 Portable latrine
81 20 liter jerry can
300 plastic plate
840 Cholera handbook
150 Card "Preparation of Chlorine Solution"