PD-ABE-553

78447

MotherCare™

MOTHERCARE PROJECT
FIFTH SIX MONTH PROGRESS REPORT

June 1, 1991 - December 1, 1991

Report Prepared for the
U.S. Agency for International Development
Contract #DPE-5966-Z-00-8083-00
Project #936-5966

JSI John Snow, Inc., 1616 N. Fort Myer Drive, Suite 1100, Arlington, Virginia 22209 USA
Tel: (703) 528-7474 Fax: (703) 528-7480 Tlx: 272893 JSI WUR

TABLE OF CONTENTS

I. EXECUTIVE SUMMARY 1

II. MOTHERCARE ADMINISTRATION AND PROJECT MANAGEMENT 4

III. MOTHERCARE CENTRAL EFFORTS 6

A. Advocacy, Promotion, Policy Activities 6

B. Sexually Transmitted Disease Activities (STDs) 7

C. The World Bank Guidelines for Safe Motherhood 8

D. Breastfeeding Activities 8

IV. MOTHERCARE COUNTRY PROJECTS 9

A. Long-term Demonstration Projects 9

B. Short-term Technical Assistance 20

C. Applied Research 25

V. APPENDICES

Appendix i: Budget

Appendix ii: Matrices

Appendix 1: MotherCare Demonstration Projects

Appendix 2: Working Paper Series & Books, Manuals, Guides

Appendix 3: Conferences/Workshops

Appendix 4: Trip Reports and Project Reports

Appendix 5: Internal Reports

FIFTH SIX MONTH PROGRESS REPORT

I. EXECUTIVE SUMMARY

In the assessments conducted in over 15 countries, MotherCare has found that countries can be described according to three discerning characteristics:

1. The isolation of women, including their mobility and access to information;

2. Level of training of the birth attendant/care giver, and

3. The resources available to respond to obstetrical and neonatal emergencies, including the capability of the referral system.

These characteristics categorize areas or countries into four different types to which can be applied certain packages of interventions (see Appendix 1., MotherCare Demonstration Projects for a description of the settings and possible interventions by setting).

This typology was first presented to a larger audience of MotherCare field staff and technical experts in the June, 1991, MotherCare Technical Advisory Meeting (TAG) as a query with regard to the reality of the settings. At that point, MotherCare had described only three settings. As a result of the discussions and considerations during the TAG, a fourth setting (Setting D) was added.

This typological approach was again presented for discussion and reality testing at the World Bank Guidelines meetings in November, 1991. At that meeting, MotherCare was encouraged to continue to test the hypotheses of these settings, with their packages of possible interventions, and to broaden the content of both as more information about the applicability is gained from the MotherCare projects and from other donors and cooperating agencies.

During this reporting period, MotherCare continued to examine and describe maternal and neonatal health and nutrition issues and strategies through the development and wide distribution of educational and promotional books and working papers. Those materials prepared for dissemination during this period include:

Quality of Care:

Achieving Safe Motherhood with Limited Resources: A Case Study of Maternal Care in Grenada, V.H. Laukaran, Working Paper 7 A, June, 1991.

Notes on an Appropriate Approach to Safe Motherhood, USAID, Jakarta, Working Paper 8, June, 1991.

<u>Maternal Nutrition</u>

Maternal Nutrition and Pregnancy Outcomes - Anthropometric Assessment, 1991. Editors: Katherine Krasovec and Mary Ann Anderson. (book)

<u>Services</u>

Life Saving Skills Manual, Sandy Buffington and Peg Marshall, finalized, August, 1991. (training manual)

Other materials have been under development during this period and will be finalized and distributed during the next reporting period -

The Health of Women: A Global Perspective, Editors: Marge Koblinsky, Judith Timyan, Jill Gay. (book)

Qualitative Research on Knowledge, Attitudes, and Practices Related to Women's Productive Health, The Center for Health, Research, Consultation and Evaluation (CIAES). (project paper)

Elimination of Neonatal Tetanus: Lessons from Haiti in Social Mobilization, Gretchen Berggren. (working paper)

The Effects of Iron Supplementation on Maternal Hematologic Status, Nancy Sloan. (working paper)

Iron Supplementation in Infants under 6 Months - A Probe. Naomi Baumslag. (working paper)

Maternity Services in Cochabamba, Bolivia: Cost Recovery and Changing Markets, Gerry Rosenthal and Allison Percy. (working paper)

A Guide to the Design and Evaluation of a Reproductive Health Program, Nancy Sloan and Pat Taylor. (working paper)

As of this reporting period, MotherCare has demonstration projects underway in four long-term countries -

Bolivia: Cochabamba and Inquisivi

Guatemala: Quetzaltenango

Indonesia: Regionalization Project and studies through the University of Indonesia and Airlangga

Uganda: Life Saving Skills Training for Midwives

And, MotherCare provided on-going technical assistance to the long term demonstration projects and also responded to short-term technical assistance requests from other countries. There have been 26 visits to a total of 11 countries from June 1, 1991 - December 1, 1991:

Long Term Technical Assistance

- Bolivia, Inquisivi: develop protocols with staff and individuals from national, district and community levels to address priority maternal and neonatal and perinatal problems at each of these levels
- Bolivia: conduct breastfeeding assessment (team visit)
- Bolivia, Cochabamba: develop an analysis plan and assist in data analysis of the qualitative research
- Bolivia, Cochabamba: design the baseline (quantitative) study, including development of an evaluation framework with a protocol, design and timelines for the evaluation; development of the study questionnaire and pretest databases; design preliminary analytic plan
- Bolivia, Cochabamba: participate in planning the project's communication, training and service delivery strategy during a three day workshop
- Bolivia, all projects: monitor projects - technical, management and financial accountability and develop workplan for '92-'93.
- Guatemala, Quetzaltenango: develop TBA curriculum
- Indonesia, Indramayu: prepare communication plan
- Indonesia, all projects: monitor project progress and assist in new proposal development
- Indonesia, Tanjungsari: assist in preparation of research plan and research instruments for a pilot study regarding the use of TBAs and the use of the recently designed and established birthing huts
- Indonesia, Indramayu: communication strategy development
- Indonesia, Indramayu: design of social marketing strategy
- Uganda: prepare for project start-up (two visits)

Short Term Technical Assistance

- Dominican Republic: conduct breastfeeding assessment (team visit)
- Ecuador (KMM): assist project staff in financial management and reporting
- Haiti - develop an STD proposal
- Haiti - provide technical assistance to the Maternal Mortality study, i.e. training in use of social autopsy instruments to determine the events surrounding maternal death
- Morocco: conduct maternal health assessment (for UNICEF/MOH)
- Nigeria: finalize MotherCare proposal to the Federal Ministry of Health

Other Technical Assistance

- Bangladesh: assist SCF project staff in the development of methods and instruments, and plans for the implementation of diagnostic studies (2 visits)
- Bangladesh: develop a communication plan

Meetings

- Guatemala, OB/GYN Association: participate in II Maternal, Perinatal, and Neonatal Health Seminar to discuss local interventions by NGOs and donors and make recommendations regarding the coordination and generation of strategies to the national government
- India, Indian Pediatric Associate, Bombay: train physicians as trainers in lactation management
- Nigeria: participate in the development of a national TBA curriculum

During this reporting period, MotherCare has also hosted two important conferences/seminars and has participated in others - The World Bank Guidelines Workshop (co-sponsored by the World Bank) and the STD Awareness Workshop (co-sponsored by R&D/Health, AIDS division). MotherCare also sent MotherCare staff to the UNICEF Workshop for Safe Motherhood in Jordan (sponsored by UNICEF) and the FIGO/WHO/World Bank/MCI Pre-Congress Workshop in Singapore and the PERINASIA Congress in Indonesia. MotherCare JSI staff and Subcontractors and field staff presented papers at the NCIH Conference of Women's Health in June, 1991, and held the second MotherCare Technical Advisory Group Meeting immediately following the NCIH Conference.

II. MOTHERCARE ADMINISTRATION AND PROJECT MANAGEMENT

MotherCare has experienced increasing administrative and managerial demands as the project moves into full implementation in all field projects and as central advocacy activities maintain an active pace.

Therefore, during this last six months, MotherCare has been taking a closer look at the present staffing and projected staffing requirements, as well as the managerial systems which are in place to assess present capacities with regard to the current demands of the project.

Staffing and Staff Function

MotherCare has experienced considerable staffing changes during this reporting period.

With respect to the MotherCare/JSI support staff - Tom Daniel, Staff Assistant left the project in July, 1991, and was replaced by Bidyut

Banjeree, who due to unforeseen circumstances, left the position in October, 1991. Bidyut has been replaced by Bernadine Skowronski who joined the MotherCare staff in December, 1991.

Marcia Monterroso, Program Associate, who backstopped the Latin America projects and who was on the editorial staff of **MotherCare Matters**, resigned from MotherCare in July, 1991 (relocation to New Orleans). She was replaced by Mary McInerney in mid July. Mary immediately went to Bolivia to manage the three MotherCare projects during Lisa Howard-Grabman's maternity leave. Subsequently, MotherCare hired Patricia Daunas-Chopivsky to temporarily fill the backstopping void at MotherCare for the Latin American countries in Mary McInerney's absence.

In sum, MotherCare now has two staff members (Anne Helveston and Mary McInerney) at the central level who backstop all long-term demonstration projects (financial monitoring, coordinating all staff and consultant travel, sending technical materials, monitoring all deliverables, preparing and tracking all country and consultant subcontracts, equipment and supplies approvals from A.I.D. etc.). These two individuals, assisted by one staff associate (Bernadine Skowronski), also provide all backstopping for short-term technical assistance efforts, all MotherCare promotional activities (prepare for printing and distribution of the working paper series, all project and technical reports, **MotherCare Matters**, the annual workplans and monthly and six-month progress reports), prepare and track all communications in and out of MotherCare and provide logistical support for MotherCare workshops and meetings.

Because of the volume of the latter during this reporting period (NCIH meetings, TAG, STD Workshop, World Bank Guidelines meeting, Mid-term evaluation of the MotherCare project by A.I.D.), MotherCare had to hire some temporary secretarial staff. MotherCare feels that the present project demands a minimum of three staff backstopping positions at the central level.

With regard to key technical MotherCare staff positions, there have been some very needed additions to the project - Kim Winnard joined The Manoff Group as a full-time IEC Coordinator based at the MotherCare JSI office, and Dr. Barbara Kwast will join MotherCare as the Women's Health Advisor (this latter position has been unfilled since December, 1989) on January 6, 1992. On a disappointing note, Pat Taylor is leaving MotherCare in January, 1992, for an assignment with the REACH project. Prior to her departure, MotherCare will determine if she should be replaced and, if so, identify the precise skills needed and the responsibilities required for her replacement.

Saipin Vongkitbuncha, Project Administrator, continues to provide all financial management of the Contract - a Herculean task. In this capacity, she reviews all subcontracts (30 subcontracts let as of December, 1991), reconciles all financial reports on a monthly basis prior to submission to A.I.D. (JSI, 6 core Subcontractors, field projects/subcontracts), and prepares all monthly advances to the field projects.

This last activity has created a major strain on the Administrator, backstopping staff and the field staff. These financial reports and requests for advances can take a minimum of two days to review and to process and the field staff take even longer to prepare these reports. MotherCare has requested the Contracts Office for permission to process advances on a quarterly basis but this request has been refused by A.I.D/Financial Management. Because of the volume of subcontracts, MotherCare would like to redress this issue with the A.I.D. Contracts Office.

The new central accounting system, DELTEC, has been put into place at JSI to track all A.I.D. centrally-funded projects. Therefore, MotherCare has adapted the project coding system to be compatible with the DELTEC system.

Subcontractors

As of December, 1991, MotherCare has amended 2 subcontracts with the core Subcontractors - Save the Children (April, 1990) to include two field projects as their major input into MotherCare (Bangladesh and Inquisivi, Bolivia) and with ACNM (October, 1991) to increase their level of effort for their technical input in Uganda, Guatemala and potentially, Nigeria.

Negotiations are in progress with The Population Council (December, 1991) and are scheduled to occur with The Manoff Group by January, 1992. CEDPA no longer has a Technical Advisor sitting with MotherCare (as of October, 1991) but CEDPA will provide consultants to MotherCare as country requests and/or opportunities arise. MotherCare anticipates that subcontracts with the core Subcontractor will have to be amended on an annual basis.

Work in Indonesia is expanding to include efforts that are being spearheaded through a sixth Subcontractor, Western Consortium.

III. MOTHERCARE CENTRAL EFFORTS

A. Advocacy, Promotion, Policy Activities

During this reporting period, MotherCare continued to stimulate promotional activities directed towards increasing awareness within countries (USAID Missions, Ministry officials, policy-makers, educators, etc.) and between international organizations and cooperating agencies as to the state of the art in maternal and neonatal health and nutrition.

1. Write and distribute maternal and neonatal health and nutritional information through such media as:

MotherCare Matters - quarterly distribution

Working Paper Series (See Appendix 2 for a complete list of Working Papers distributed to date.)

2. Support the momentum and provide guidelines for safe motherhood initiatives through collaborative and supportive efforts (conferences, workshops and technical assistance) with other international organizations and donors who are working in the field of safe motherhood (See Appendix 3 for list of conferences and workshops).

B. Sexually Transmitted Disease Activities (STDs)

MotherCare received a buy-in from R&D/Health, AIDS Division in June, 1991, to increase the awareness of the donor and international community on the public health importance of maternal syphilis and ophthalmia neonatorum and to assist participating host countries to make sustainable improvements in the prevention, treatment, and control of STDs which adversely affect safe motherhood and child survival, particularly maternal/congenital syphilis and ophthalmia neonatorum. The major activities to be included under this PIO/T are STD Demonstration Projects in one to two countries and an Awareness-Raising Workshop.

STD Demonstration Project

The STD demonstration project(s) will be community-based and designed to strengthen the delivery and sustainability of services by the integration of STD (maternal syphilis) screening and treatment within existing FP/MCH services, by employing simpler and less costly diagnostics for screening maternal syphilis which affords treatment at the time of screening, and which includes a community-based Information, Education, and Communication (IEC) component (i.e. similar to model designed and implemented by Subhash Hira in Zambia). These projects will include an evaluation system which will measure the impact of early screening and treatment of maternal syphilis and the effectiveness of a community-based communication strategy and assess the efficiency of integrating these services within existing FP/MCH services.

As of December, 1991, three countries' proposals have been submitted to MotherCare for funding consideration as demonstration projects - Haiti, Malawi and Kenya. However, MotherCare presently has sufficient funds to support only one demonstration project. The selection of a country should be made no later than January or February, 1992, so that there is adequate time to carry out the project before MotherCare's end date of September, 1993.

Awareness-Raising Workshop: **Women, Infants and STDs: Opportunities for Action**

This workshop, which was co-sponsored by A.I.D. AIDS division and MotherCare, was held in Rosslyn on November 7 and 8, 1991, and was organized to increase awareness of the public health importance and cost-effectiveness of prevention and treatment of maternal syphilis and ophthalmia neonatorum.

The audience included representatives from A.I.D., R&D Health and Population offices; donor agencies such as UNICEF, WHO, UNFPA, Helen Keller

International, INTRAH; and key decision makers and program managers from select developing countries (Zambia, Uganda, Haiti, Thailand).

It is hoped that this workshop will generate commitment from the donors for cooperation and provision of financial, material and/or technical support to similar demonstration projects. MotherCare will seek information from participants regarding follow-up activities stemming from the workshop in spring, 1992.

C. The World Bank Guidelines for Safe Motherhood

In fall, 1991, MotherCare received a request from The World Bank to develop a set of safe motherhood programming guidelines for use by World Bank program officers and others, as appropriate. In response to this request, MotherCare designed a week-long seminar for a working group representing technical experts in the field of maternal and neonatal health, including experts with relevant country project experience from Guatemala, Zaire, Bangladesh, Indonesia, Brazil and researchers from the London School of Hygiene and Tropical Medicine and WHO.

The working group considered and made recommendations regarding components of care, the conceptual framework to improve maternal health, the usefulness and adequacy of a typological framework as a programming tool, and the cost- effectiveness of specific modalities (including communications, family planning, antenatal, obstetrical and postpartum care) designed to provide quality care for women and newborns.

Draft guidelines will be submitted to The World Bank for review in January, 1992.

D. Breastfeeding Activities

One of MotherCare's focus areas is the promotion of early (within the first hour of birth) and exclusive breastfeeding through 4-6 months of age for the health and nutrition of the infant and the well-being of the woman in the immediate postpartum period and as a fertility control.

During this reporting period, MotherCare continued to pilot the **Guide for a Preliminary Country Analysis of Activities and Practices Supporting Breastfeeding**, developed by The Manoff Group, as an effective, comprehensive assessment tool to describe country breastfeeding situations. To this end, country assessments were conducted in Bolivia (September, 1991) and in the Dominican Republic (June, 1991). During the course of these assessments, the guide has been modified and refined and should be finalized within this project year.

During this period, other breastfeeding activities continued in Ecuador (Kangaroo Mother Method Study) and a consultancy was initiated and completed in India (lactation management training for physicians).

IV. MOTHERCARE COUNTRY PROJECTS

A. Long-term Demonstration Projects:

As of November, 1991, MotherCare has established **long-term demonstration projects in four countries:** Bolivia, Guatemala, Indonesia, and Uganda. Each of the long-term demonstration projects include new or alternative strategies for improving maternal and neonatal health and nutrition which can be developed, tested and demonstrated to a larger audience.

Project evaluation frameworks have been developed for three of the long-term demonstration projects (Guatemala, Bolivia and Indonesia; Uganda is in progress). Specific country evaluation plans and project indicators are in the process of development and testing (see country-specific matrices, Appendix ii).

Latin America and the Caribbean

Country:	**Bolivia**
Project:	**Inquisivi "WARMI" Health Project**
Collaborating Center:	Save the Children (SCF/Bolivia)
Project Dates:	July 15, 1990 - July 14, 1993

Description and Objectives:

The objectives of the MotherCare/SCF Bolivia "Warmi Project" are designed to improve pregnancy outcome and the health and nutrition status of women and neonates by influencing behaviors during pregnancy and delivery, including the use of preventive antenatal and postnatal care, trained birth attendants, and simple "safe birth kits" during home births.

Using SCF's integrated development approach, this project will incorporate social marketing interventions into on-going women's programs to affect the health behavior of pregnant women before, during and after delivery.

Status:

The "auto-diagnostico" was piloted with three women's groups during its development and the project team has continued to collect information from women's groups through the use of this process. To date, the "auto-diagnostico" has been finished in 20 communities, and is expected to end in the first 25 communities in January, 1992. (A total of 50 women's groups will be identified during the first two years of the project.) The IEC strategy was developed in June, 1991, and will be implemented throughout the life of the project. Action protocols to respond to obstetrical emergencies (three levels) have been drafted (November, 1991) and health

staff, TBAs and SCF project staff will be trained in the use of these protocols.

Country:	**Bolivia**
Project:	**Cochabamba Reproductive Health Project (including Research)**
Collaborating Center:	Cochabamba Unidad Sanitaria, Maternidad German Urquidi, PROMEFA, COMBASE, ME.DI.CO., CPCCM, CIAES
Project Dates:	October 1, 1990 - September 30, 1993

Description and Objectives:

The Cochabamba Project aims to reduce maternal and neonatal morbidity and mortality in the urban and peri-urban areas of Cochabamba by:

- increasing the recognition of problems during pregnancy, delivery and the neonatal period by women and their families. as well as improving their response to such problems, i.e. seeking medical attention;
- increasing the utilization of prenatal, delivery care and postnatal care;
- increasing the availability of contraceptive services and information to couples who wish to postpone or limit child-bearing, and increasing the use of same;
- improving the quality of prenatal, delivery and postnatal care, through a more systematic assessment of pregnant women and neonates and the creation of a functioning referral system for those experiencing problems.

Status:

Four service delivery projects with Cochabamba-based NGOs--COMBASE, PROMEFA, ME.DI.CO., and Centro de la Prevencion Contra el Cancer en la Mujer (CPCCM)--are underway. The first several months in each site call for the NGOs to make physical improvements to their existing clinics, to purchase and install basic equipment for maternity and gynecological care, and to plan community promotional activities.

The qualitative study of women's reproductive health attitudes and practices, was started in April, 1991, and was completed in June, 1991. During this period, MotherCare has provided technical assistance for the analyses of the study data. A strategy development workshop was held in August, 1991, to discuss the findings and to generate recommendations for communications, training and service interventions to change harmful health attitudes and practices. MotherCare plans to publish the findings of the

qualitative study and the strategy workshop early in 1992, as one in a series of working papers on successful research and assessment techniques used in MotherCare projects.

On the basis of the workshop's findings, MotherCare will proceed with the development of communications and training plans for the project; implementation of communications interventions should begin by January, 1992.

A baseline study of key maternal and neonatal health variables was designed in September, 1991, with the technical assistance of the MotherCare/ Population Council Research Coordinator. Implementation of the study is scheduled to begin in December, 1991, and to continue through May, 1992. The study will also be repeated at the end of the project period to measure changes that may have resulted from the project's interventions.

A project monitoring visit of the Cochabamba project was conducted in November, 1991, and recommendations were made for modifications in the project which will be incorporated to the Years 2-3 workplan. This workplan will be submitted to AID for approval by mid-December 1991.

Country:	**Bolivia**
Project:	**SOPACOF-COBREHS** **Mobile Train Project**
Collaborating Center:	SOPACOF/ENFE
Dates:	August 1, 1991-July 31, 1992

Description and Objectives:

This innovative service delivery project was started under the Enterprise Program in 1989. MotherCare was asked by USAID/La Paz to assume responsibility for it when the Enterprise Program ended. The objectives of the project are to provide integrated maternal and child health services, including family planning, to the employees of ENFE, the national railroad, and to communities along the eastern train line. The project operates out of a railroad car which has been converted to accommodate a health team of four persons, and equipped to allow for the provision of primary MCH care and education at various stops along the route. In addition to providing daily clinical care, the health team conducts community education and refresher training courses for village health workers. This project is one of the only USAID-supported projects providing reproductive health care in remote rural areas of the country.

Status:

MotherCare assumed responsibility for the SOPACOF/ENFE mobile clinic project on August 1, 1991, and has continued to monitor the activities and services provided by the converted train car. MotherCare has incorporated

SOPACOF/ENFE service providers in the IEC and training activities of the overall MotherCare Project in Bolivia. SOPACOF staff, for example, participated in the strategy development workshop in Cochabamba, since the findings and recommendations from the qualitative study would be of interest and use to them. MotherCare has also worked with SOPACOF/ENFE during this period to prepare a long-term funding plan and proposal for submission to other donor agencies.

Country:	**Guatemala**
Project:	**Instituto de Nutrition de Centro America y Panama (Research)**
Collaborating Center:	INCAP
Principal Investigator	Dr. Barbara Schieber
Project Dates:	July 1, 1990 - April 30, 1993

Description and Objectives:

The Quetzaltenango Project will reduce maternal and perinatal/neonatal mortality by improving the detection and the correct management of high risk medical events at all levels of the health system. The project aims to improve the TBAs' knowledge, skills, and relationship to the formal health care system, as well as the system's capacity to respond appropriately when faced with complicated maternal and neonatal conditions.

The particular focus of this project is to enhance TBAs' skills in risk recognition and appropriate referral, to strengthen TBAs' support of pregnant women who are in need of treatment for at-risk pregnancies and deliveries, and to upgrade the knowledge and skills of health providers at all levels of the system.

Status:

Work has continued during this period to finalize and produce the norms for care of high risk women and neonates, both in the complete manual form and as quick-reference wall charts that can be used by health providers at each level of service. The revision of norms for the management of high risk conditions was completed in June, 1991, and hospital, health center and health post staff have been trained to use them.

A TBA training curriculum (a series of thirteen training modules) has been developed based on these norms in July, 1991, and, in conjunction with the TBA package, INCAP will also develop a Training of Trainer's course for the district nurses who act as TBA trainers in February, 1992.

Analyses of all of the diagnostic studies are in progress and final reports are being prepared, with expected dates of completion anticipated in early 1992.

Country:	**Guatemala**
Project:	**Working Group on High Risk Women and Neonates**
Collaborating Center:	Guatemalan Association of Obstetrics and Gynecology
Project Director:	Dr. Rolando Figueroa, President
Project Dates:	June 15, 1991 - January 14, 1992

Description and Objectives:

This subcontract was developed to support a series of national-level activities that center around information sharing and policy formulation. While it is implemented by the OB/GYN Association, the Ministry of Public Health (national and regional levels), INCAP, national medical and nursing schools and a variety of non-governmental organizations will also participate in the project's workshops and committees.

Status:

The two national workshops on high risk women and neonates, under the auspices of the Guatemalan OB/GYN Association and the Ministry of Public Health, with support from MotherCare, were held in June and November, 1991. MotherCare's local consultant, Dr. Elizabeth de Bocalletti worked with the OB/GYN Association to plan and carry out the events and to prepare two follow-up newsletters (first October, 1991; second anticipated January, 1992) reporting on the results of the workshops and other related issues.

The MotherCare subcontract for the activities of the Working Group ends in January, 1992. At that time, MotherCare and USAID/Guatemala will evaluate the results of the first round of activities to determine whether further funding is desirable.

Asia and the Near East

Country:	**Indonesia**
Project:	**Birth Weight Distribution, Low Birth Weight and Perinatal Mortality in Seven Selected Rural Areas in Indonesia (Research)**

Collaborating Center: University of Padjadjaran

Period: April, 1990 - September, 1991

Description and Objectives:

This MotherCare supported study was designed to survey birth weight distribution and perinatal mortality in rural sites throughout Indonesia

To this end, this one year descriptive study tracked the birth weight and perinatal mortality distribution in seven rural areas in Indonesia and laid the groundwork for intervention studies. Prior to this study, the perinatal mortality rate was only known from one site, and birth weight from two sites, in this very diverse country.

Status:

To disseminate the preliminary findings of this project, a workshop was held in Jakarta in May, 1991, for central government public health officials. In September, a second workshop for the investigators from the seven sites was convened and proposals for intervention studies prepared which are presently being distributed to donors. The final report, summarizing the findings from the seven sites, will be available in February, 1992.

Country: **Indonesia**

Project: **Improved Iron-Folate Tablet Distribution to Alleviate Maternal Anemia in Two Subdistricts of the Indramayu Regency. (Research)**

Principal Investigator: Dr. Budi Utomo

Collaborating Center: Center for Child Survival, University of Indonesia.

Period: August 5, 1990 to May 15, 1992

Description and Objectives:

Anemia afflicts the majority of pregnant women in most developing countries, with Indonesia being no exception. In order to overcome known barriers of access and compliance with iron-folate tablet-taking, this project will implement:

- a communications strategy aimed to improve iron folate acceptance and compliance with the daily regimen for 3 months, and

- a community-based distribution system through tablet depots at the homes of TBAs.

The project is also testing a longitudinal surveillance system to determine maternal and neonatal health and nutritional status in relationship to pregnancy outcomes.

Status:

A maternal/neonatal module was added to the longitudinal surveillance system already in place in February, 1991. This surveillance (which is being tested and modified) will continue through the life of the project and will be modified to improve its use in monitoring the anemia interventions.

Formative research with target audiences - pregnant women, TBAs and government service providers - has been conducted and analyzed and the final report distributed. The research has provided knowledge of women's views of anemia, the tablets, and possible avenues for reaching women with tablets and posters. The IEC Strategy was finalized in November, 1991.

A subcontract has been signed with Saachi and Saachi Advertising and the materials have been drafted and tested. Posters and counseling cards will be implemented in mid-January, 1992, launching the social marketing campaign. TBAs have been distributing tablets from their homes since June, 1991. This controlled study will determine whether community-based distribution of tablets with or without an educational campaign can improve use of iron-folate tablets and reduce the known anemia levels of pregnant women in the study area.

Radio, print and counseling materials are being developed and tested for distribution in early 1992. The impact of the IEC interventions will be measured by answers to a questionnaire being asked of all identified pregnant women every month for the duration of their pregnancy.

Country:	**Indonesia**
Project:	**A Pilot Study of a Perinatal Regionalization Network (including Research)**
Collaborating Center:	University of Padjadjaran
Principal Investigator:	Dr. Anna Alisjahbana
Period:	January 2, 1991 to September 30, 1993.

Description and Objectives:

The Regionalization Project builds on the previous work of Dr. Anna Alisjahbana to develop a regional network of providers beginning with the

TBAs who carry out 85% of the deliveries in the area, to recognize and respond to obstetrical and perinatal complications. The components include: training of providers at all levels to recognize, manage, or refer obstetrical and perinatal problems, development of birthing huts on the main roads staffed by trained midwives or TBAs who have access to communications and transport as a means of expediting referrals, and social marketing, to increase the awareness of mothers and families of danger signs during the maternal period and accessibility of the birthing huts.

Status:

The first year of the project has been devoted to preparatory work - coordinating the policy level with appropriate government officials through advisory and executive committees; selection of the control areas; the development of screening tools; the developing and equipping maternity huts (as of November, 1991, 3 out of 10 huts have been equipped). Training-needs assessments and the development of training modules of hospital and health center staff were initiated during this reporting period.

Formative research protocols for conducting interviews and focus group discussions with pregnant women, their husbands, village leaders, TBAs and midwives have been developed. Implementation of the formative research will begin in late December, 1991.

Country:	**Indonesia**
Project:	**Bacterial Vaginosis and Low Birth Weight Study**
Collaborating Center:	Center for Child Survival, University of Indonesia
Principal Investigator:	Dr. Gulardi Wiknjosastro
Period:	December 1, 1991 - September 15, 1993

Description and Objectives:

Bacterial vaginosis (BV) is highly prevalent among Javanese women - approximately 30% of pregnant women were confirmed by laboratory analysis. From the few studies researching these issues, it appears that BV is associated with low birth weight, primarily prematurity. This study will attempt to study the effect of a drug, clindanycin, on the low birth weight levels among women with BV.

Status:

The Subcontract was approved by AID Contracts Office on December 9, 1991. The project will be launched in January, 1992, with training of laboratory

technicians in assisting nurses/midwives to obtain the needed samples and describe the drug use to women selected for the study.

Country:	**Indonesia**
Project:	**Study of the Acceptance of a Slow-release Iron Capsule in Pregnant and Non-pregnant Women. (Research proposal under development)**
Collaborating Center:	Airlangga University
Period:	To be determined

Description and Objectives:

The standard iron-folate tablets are often not taken by pregnant women according to the regimen prescribed because of the resulting gastrointestinal side effects. In an attempt to overcome these problems, a trial is designed to test the acceptance and efficacy of a slow-release iron tablet with both pregnant and non-pregnant women.

Status:

The proposal is under development with the staff of Airlangga University where testing will begin in two clinics on site. It should be ready for submission to the A.I.D. Contracts Office in January, 1992.

Country:	**Indonesia**
Project:	**Maternal and Perinatal Mortality Reduction Project (Research)**
Collaborating Institution:	Airlangga University, Surabaya
Principal Investigator:	Dr. Poedji
Period:	To be Determined

Description and Objectives:

Two pilot projects in Indonesia are aimed at the reduction of maternal and perinatal mortality. Unlike the Regionalization Project, many women in this setting deliver with trained midwives, either at home or in the hospital.

Building on a new screening tool used by local women and organized through a local chapter of a women's organization, high-risk women will be identified and referred to the appropriate level of care.

Status:

Project start-up will occur in February, 1992, with the conduct of baseline surveys in two districts.

Country:	**Indonesia**
Project:	**Cost Effectiveness Study (Research)**
Collaborating Institution:	Western Consortium (Consultants)
Period:	November, 1991 - March, 1992

Status:

Phase I of this project will start in November, 1991, and will involve the development of tools by which to measure the cost of the Regionalization and Surabaya Maternal and Perinatal Mortality Reduction projects. Effectiveness will be measured by the monitoring and evaluation tools of the two projects.

AFRICA

Country:	**Uganda**
Project:	**Ugandan Life Saving Skills Training for Midwives**
Collaborating Institution:	The Ministry of Health
Period:	November 1, 1991 - September 1, 1993

Description and Objectives:

The goal of this project is to improve the quality and efficiency of prenatal, intrapartum, and neonatal services being offered in Uganda, by updating and strengthening midwifery skills and performance in the areas of risk assessment, problem solving and life saving skills. The specific project objectives include:

- determine the needs, knowledge and skills and level of maternal care provided by the midwives in select districts, urban and referral centers;
- increase awareness among national leaders, medical/midwifery professional groups and educators of creative solutions to problems related to maternal and neonatal care in Uganda;

- update MCH protocols for midwifery performance as related to maternal and neonatal life saving skills and risk assessment;
- train and establish a core of 16 master trainers who are prepared to conduct training sessions in life saving skills and risk assessment;
- upgrade the knowledge and skills of 80 government and private sector midwives, primarily clinical and classroom tutors, in life saving skills, risk assessment and problem solving management.

Status:

Sandy Buffington was approved by the USAID Mission as Resident Advisor (RA) for the MotherCare/Ugandan Midwifery Life Saving Skills Project in early November, 1991. Ms. Buffington has been hired by MotherCare/ACNM. ACNM is responsible for all technical input into the project. Ms. Buffington arrived in Uganda on November 8, 1991, to begin her assignment. Anne Otto, the midwife counterpart who will be working with Buffington on the project, has been hired and the rest of the project staff will be hired by January, 1992.

The two training sites have been identified: Jinja (a government hospital) and Nsambya (a private institution). The RA is conducting an inventory of both sites to prepare for the training. As a first step in the training needs assessment, the RA and counterpart will work at the maternity center in Mpegi for the month of December, 1991, in order to have a "first hand look" at midwives' performance. The RA will also continue to develop and refine the evaluation framework which was initially drafted in Washington prior to her departure.

The Project Advisory Committee (select midwives, obstetricians, MCH/FP specialists) will meet for the first time in January, 1992, (and quarterly thereafter) and the annual workplan will be finalized at that time.

MotherCare would also like to support the upgrading of the midwives' knowledge and skills in lactation management. In November, 1991, MotherCare discussed with Dr. Mukasa, Director of the Lactation Management Center at Mulago, the possibility and capability of the lactation management center to train the same midwives who are to receive the life savings skills training. Dr. Mukasa will submit a small proposal and budget for this training to MotherCare in early 1992.

OTHER DEMONSTRATION PROJECTS

Country: Bangladesh

Project: Nasirnagar Upazila Pilot Project (including Research)

Collaborating Center: Save the Children/Bangladesh

Project Dates: March, 1991 - September, 1992

Description and Objectives:

The object of this project is to demonstrate a community-based approach to improving maternal and neonatal health and nutritional status; to test methodologies and service linkages; to make recommendations for reaching women who are at high risk; to develop and test educational materials; and to enhance and test information/surveillance systems.

Sixteen villages in Nasirnagar will participate in an innovative incorporation of IEC and case management interventions under the SCF integrated development philosophy and approach. Identification of at-risk pregnancies, intensive interpersonal communication programs between SCF health and non-health staff and their clients (including husbands and mothers-in-law) and the bolstering of the referral system with added nurse-midwives are key components of this project.

Status:

Formative research and final report of an anthropological study, MUAC survey and retrospective interview of recent deliveries was completed in October, 1991. A Strategy Formulation Workshop, which included analyses of the research, was also held in October. I.E.C. and case management interventions will be developed in the beginning of January, 1992.

B. Short-term Technical Assistance

Whereas, MotherCare has been charged to provide technical assistance and training to requesting countries, at this point in the project (i.e. most of the central core funds have been allocated), MotherCare can only provide additional technical assistance if Mission funds are available to support input by MotherCare. Also, if all of the technical assistance for breastfeeding activities, as identified in this report, are realized, three-quarters of the MotherCare core funds earmarked for breastfeeding will be spent (i.e. $262,500 of $350,000).

During this reporting period, MotherCare has provided short-term technical assistance to 7 countries for a total of 11 technical assistance visits. Breastfeeding assessments have occurred in Bolivia and the Dominican Republic and MotherCare has provided support to a breastfeeding training course in India.

Latin America and the Caribbean

Country: Haiti

Project: Assessment of Maternal Mortality and Perinatal Outcome Study (Research)

Collaborating Center:	Child Health Institute of Haiti (CHI)
Project Director:	Dr. Michael Cayemitte
Project Investigator:	Dr. Debora Barnes, Child Survival Fellow
Period:	November, 1989 - December, 1991

Description and Objectives:

This study is following a national cohort of 11,000 women to identify the numbers and causes of maternal and perinatal mortalities. The purpose of MotherCare's input into this study is to develop social autopsy instruments to determine circumstances surrounding a maternal death. One instrument was designed for interviews with family members and neighbors; the other for interviews with traditional birth attendants.

Status:

The MotherCare subcontract with CHI to support the development of the instrument was scheduled for completion in January, 1991. However, because of internal constraints in collecting the data, the MotherCare subcontract was extended through December, 1991 (extension was approved, May, 1991). Unfortunately the political upheaval in September, 1991, brought all activities to a halt and it is unclear when activities will resume. Prior to the unanticipated and abrupt cessation of activities, approximately 200 infants and 18 maternal verbal autopsies had been collected and analysis of data was projected for August, 1991.

Country:	**Haiti**
Project:	**National Breastfeeding Promotion Strategy**
Collaborating Center:	Ministry of Health
Period:	September, 1991 - September, 1993

Description and Objectives:

Activities under this project include an assessment of breastfeeding practices and the development of a national strategy to initiate policy formulation and program implementation. To that end, MotherCare proposed to assist in the establishment of a National Breastfeeding Committee which would provide technical direction and oversight to all breastfeeding activities in Haiti and which would oversee the development of the workplan, training of key medical personnel, the conduct of research and development of the IEC strategy to promote exclusive breastfeeding.

Status:

MotherCare/Manoff was scheduled to visit Haiti in early October, 1991, to assist in the establishment of a National Breastfeeding Committee and to begin work on the workplan but the political situation has put all technical assistance "on hold."

Country:	**Haiti**
Project:	**Syphilis Control in an Urban Slum in Haiti (Research proposal submitted to MotherCare)**
Collaborating Institution:	The Centers for Development and Health
Project Director:	Dr. Reginald Boulos
Project Investigators	The Johns Hopkins' Consultants

Description and Objectives:

The proposed project would integrate diagnostic and treatment services for maternal syphilis into family planning and prenatal clinics which are already providing services for hundreds of women. The project would also screen and treat partners and monitor pregnancy outcome and would identify and treat infants with congenital syphilis. The proposal components include screening and treatment services, a surveillance system, staff training, and an IEC component.

Status:

The proposal was being reviewed by MotherCare, A.I.D. Washington, the Mission, and an Ethics Review Committee in Haiti (September, 1991) when the political situation brought all activities to a halt.

Country:	**Dominican Republic**
Project:	**Breastfeeding Assessment**

Description and Objectives:

The purpose of this assessment is to identify breastfeeding practices and national priorities to address existing practices regarding early and exclusive breastfeeding; to assist in the development of national strategies to initiate policy formulation and guide program implementation.

Status:

An assessment was conducted in the Dominican Republic in June, 1991, using the **Guide for a Preliminary Country Analysis of Activities and Practices**

Supporting Breastfeeding. The draft report is being reviewed and will be finalized for distribution in early 1992. At that time, follow-up activities will be considered.

Country: **Bolivia**

Project: **Breastfeeding Assessment**

Description and Objectives:

Activities under this project include an assessment of breastfeeding practices and current breastfeeding policies and program activities in Bolivia and to identify ways to strengthen the program and overall breastfeeding strategy.

Status:

An assessment using the **Guide for a Preliminary Country Analysis of Activities and Practices Supporting Breastfeeding** was conducted in September, 1991. The report has been finalized and it being reviewed. The report should be ready for distribution in early 1992. At that time, follow-up activities will be considered.

Asia and Near East

Country: **India**

Project: **Breastfeeding Training**

Description and Objectives:

The Indian Academy of Pediatrics, Bombay, has made breastfeeding a focus area for the next two years. The activities will be launched with a breastfeeding workshop for midwives and senior pediatricians and obstetricians.

Status:

MotherCare sent Helen Armstrong, consultant, to India in December, 1991, to develop aspects of the training curriculum and to participate as a trainer in the workshop for physicians in lactation management. At this point, MotherCare does not anticipate further involvement in the breastfeeding activities in India.

Country: **Philippines**

Project: **MCH/Family Planning**

Description and Objectives:

MotherCare received a request in October, 1991, through USAID, from the Maternal and Child Health Service (MCH) of the Health Department, Manila, to provide a Resident Advisor in the MCH Service. This Advisor would assist the Service in the development of a strategy to integrate family planning into the packet of services routinely offered by MCH Services and would involve such activities as updating standards of operating procedures, developing training protocols, developing a monitoring plan and an evaluation criteria.

Status:

MotherCare is conducting an intense search to identify a qualified and acceptable candidate (October-December, 1991). One candidate has been identified and interviewed by the Ministry and MotherCare is awaiting a response regarding his acceptability. It is hoped that a suitable candidate will be found and posted no later than February, 1992.

Africa

Country:	**Nigeria**
Project:	**State-level Midwifery Training/IEC Intervention/Breastfeeding Formative Research and Strategy Development (proposal)**
Collaborating Center:	Ministry of Health/Nigeria, FHS/PCS
Project Dates:	January, 1992 - September, 1993

Description and Objectives:

MotherCare submitted a final proposal to the Federal Ministry of Health in November, 1991, which focuses on improving maternal and neonatal health and nutritional status through three major strategies - training of midwives, community communications and breastfeeding promotion.

The Nigeria Federal Ministry of Health will identify a northern and a southern state to implement a major state-level midwifery training and IEC program to strengthen services and community-based communications strategies designed to promote safe motherhood. Activities include midwifery training courses for a minimum of 160 midwives from institutions in 2 states, to upgrade their clinical practice in life saving skills; state-specific needs assessments (midwifery needs assessment and IEC assessment); formative research of knowledge, attitudes and behaviors of women and service providers toward maternal health; communication strategy development for the two states and a state-specific IEC campaign to generate demand for and appropriate utilization of maternal services.

Breastfeeding strategies will be formulated through community-based formative research and concept testing at the state level. Research results will be analyzed and ethnic-oriented policies will be drafted through four zonal workshops.

Status:

The proposal is being reviewed by A.I.D./Washington, the Federal Ministry of Health and USAID/Lagos and is pending approval and an agreement for Mission funding. If the project is approved in a timely fashion, activities could start in late January, 1992, or early February: establish a MotherCare office within FHS, revise the workplan, design and begin implementation of needs assessments, and initiate activities for the formative research start-up.

OTHER SHORT-TERM TECHNICAL ASSISTANCE

WHO World Health Assembly

The WHO is planning Technical Discussions in conjunction with the World Health Assembly in May, 1992, with a focus on women's health. Ministers from 135 countries will attend this meeting.

WHO has requested MotherCare to provide technical assistance in the development of various materials which will be use at this conference. To this end, MotherCare will initiate this assistance in January with a consultant who will assist them in the development of the workplan and a women's health atlas.

UNICEF

During this reporting period, MotherCare provided technical assistance to UNICEF through two consultancies - one to Morocco and one to the Regional Conference in Jordan (both consultancies were funded by UNICEF). While the scopes of work were very different in these consultancies, both were focused on incorporating maternal health and nutrition components into programs (one country and the other regional) supported by UNICEF.

C. Applied Research

During this period, applied research activities have been on-going in the long-term demonstration projects, as previously mentioned, under **LONG-TERM DEMONSTRATION PROJECTS** (in Guatemala; Cochabamba, Bolivia; Bangladesh; Indramayu, Indonesia; Tanjungsari, Indonesia and in at least two other studies in Indonesia). In addition, applied research will be on-going through July, 1993, in the Ecuador, Kangaroo Mother Method Study, as described below:

Country:	**Ecuador**
Project:	**Kangaroo Mother Method**
Collaborating Institution:	Isidro Ayora Maternity
Principal Investigator:	Dr. Lenin Leon
Period:	February, 1991 - July, 1993

Description and Objectives:

The purpose of this study is to evaluate the effectiveness (feeding/growth, warmth, efficiency, cost/benefit to the hospital and to the family) of the Kangaroo Mother Method to care for low birth weight infants in the home. MotherCare/The Population Council is providing technical assistance to this study.

Status:

Study questionnaires were developed and reviewed from February through June, 1991. Pretesting and modifications of these questionnaires occurred in July and August, 1991, and data collectors were trained to use the instruments. Supervision and review of the data collection is on-going (began in August, 1991, and will continue over the 15 months of the study). Data bases were completed in September, 1991.

Data covering the first two months of the study showed that: 75 children were born weighing under 2 K; 10 newborns died; 25 were excluded from the study - 16 of whom were twins. These events have influenced the numbers of available infants eligible for the study - i.e. approximately half of the expected number of children under 2 K passed the criteria of eligibility during this time period. Therefore, to make an early correction, several options are being considered. One would be to relax the criteria which excluded all twins, and to henceforth include the first eligible twin where the sibling twin does not survive (this should provide a total increase of about 80 infants over the study period). Another option would extend the enrollment period by three months (it is anticipated that the sample size would increase by about 76 infants) and these infants would then only be followed for 3 months rather than 6 in order to stay within the study time-line.

JOHN SNOW INC.,
MOTHERCARE PROJECT
DPE-5966-Z-00-8083-00

REPORT PERIOD JULY - NOVEMBER 1991

CATEGORY	TOTAL BUDGET AMOUNT (A)	ACTUAL SPENT FR. START UP JUNE 91 27 mos (B)	ACTUAL SPENT FR. JULY 91 TO NOV. 91 5 mos (C)	ACTUAL SPENT FR. START UP TO NOV.91 32 mos (B+C)= D	PROJECTED COST FR. START UP TO MAY. 92 38 mos (E)	TOTAL BUDGET AVAILABLE 16 mos (A-E)
SALARIES	1,231,576	724,967	138,021	862,988	1,075,044	156,532
CONSULTANTS	922,350	104,060	28,422	132,482	161,102	761,248
TRAVEL/TRANS PER DIEM	2,174,529	429,587	185,403	614,990	773,960	1,400,569
ALLOWANCES	169,123	4,419	(372)	4,047	8,182	160,941
FIELD OFFICE SUPPORT	1,607,277	18,673	28,865	47,538	204,845	1,402,432
COMMODITIES/ EQUIPMENT	361,247	107,722	15,166	122,888	143,960	217,287
OTHER DIRECT COSTS	535,865	339,252	118,777	458,029	566,991	(31,126)
OVERHEAD	862,104	507,475	96,614	604,089	752,528	109,576
SUBCONTRACTS	5,138,455	1,348,122	635,327	1,983,449	3,472,211	1,666,244
SUBTOTAL	13,002,526	3,584,277	1,246,223	4,830,500	7,158,823	5,843,703
FEE 4%	520,000	143,371	49,849	193,220	286,353	233,647
TOTAL	13,522,526	3,727,648	1,296,072	5,023,720	7,445,176	6,077,350

INCOME AS OF 11/91
see funding status (PIO/T) 8,519,883

FUND AVAILABLE AS OF 5/92 1,074,707

File name:SUMPROG
12/19/91

APPENDIX 1

27.

JOHN SNOW INC.,
MOTHERCARE PROJECT
DPE-5966-Z-00-8083-00

REPORT PERIOD JULY - NOVEMBER 1991

FUNDING STATUS PIO/T NUMBER	INCOME	COMITTED FR. START UP TO JUN. 1991	%	COMITTED JULY 91 TO NOV. 1991	%	TOTAL COMITTED THRU NOV. 1991	%	BALANCE
S & T/H	A	B		C		B+C=D		A-D
8361248 & A-1	582,000	582,000	100.0	0	0	582,000	100.0	0
9361134	1,037,500	1,037,500	100.0	0	0	1,037,500	100.0	0
9365966-9361134A.1	321,000	321,000	100.0	0	0	321,000	100.0	0
936-5966-0361145	2,250,000	1,387,885	61.7	862115	38.3	2,250,000	100.0	0
0361615	300,000	25,772	8.6	48366	16.1	74,138	24.7	225,862
1361115	2,300,000		0	137737	6.0	137,737	6.0	2,162,263
SUB-TOTAL	6,790,500	3,354,157	49.4	1048218	15.4	4,402,375	64.8	2,388,125
BUY-IN								
8361550	50,000	2,742	5.5	0	0.0	2,742	5.5	47,258
936-5115-9361482	40,783	0	0.0	0	0.0	0	0	40,783
9365115-9361481	100,000	0	0.0	0	0.0	0	0	100,000
521-0206-3-90130	75,000	59,771	79.7	9,820	13.1	69,591	92.8	5,409
520.0000.5-00121A	210,000	140,735	67.0	69,265	33.0	210,000	100.0	0
511-0568-3-00049	300,000	131,643	43.9	82,457	27.5	214,100	71.4	85,900
596-0115350074&A.1	16,582	16,582	100.0	0	0.0	16,582	100.0	0
596-0115380085&A.1	22,018	22,018	100.0	0	0.0	22,018	100.0	0
511-568-10009	300,000	0	0.0	47,840	15.9	47,840	15.9	252,160
9365972.35-1361560	265,000	0	0.0	38,472	14.5	38,472	14.5	226,528
521-0206-10168	75,000	0	0.0	0	0.0	0	0.0	75,000
520-0000.6-3-10066	25,000	0	0.0	0	0.0	0	0.0	25,000
617-0115.00-3-10023	318,673	0	0.0	0	0.0	0	0.0	318,673
SUB-TOTAL	1,798,056	373,491	20.8	247,854	13.7	621,345	34.6	1,176,711
OYB TRANSFER								
9365966.01-1361516	50,000	0	0	0	0	0	0	50,000
9365966.01-1361714	200,000	0	0	0	0	0	0	200,000
SUB-TOTAL	250,000	0	0	0	0	0	0	250,000
GRAND TOTAL	8,838,556	3,727,648	42.2	1,296,072	14.6	5,023,720	56.8	3,814,836

file name:BYIN.PROG
12/19/91

APPENDIX 1

MOTHERCARE SIX MONTHS PROGRESS REPORT

REPORT PERIOD
JUL - NOV 91

PIO/T 936-5966-0361145

FUNDING SOURCE S & T/H

BUY-IN "NO"

AMOUNT $2,250,000.00

ACTIVITY		FUNDING SOURCE	COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING
290		Off. Oper.	U.S.A	87,894.24	9.42	N/A	
291		Contract Admin.	U.S.A	13,410.20	1.65	N/A	
292		Gen. Tech. Del.	U.S.A	74,210.20	7.97	MC; Subcontractors	on-going
293		Meeting/Conf.	U.S.A	13,025.30	1.33	N/A	
294		Wkshp/Seminar	U.S.A	7,457.58	0.27	N/A	
295		ACNM Manual	U.S.A	23,325.86	2.93	ACNM: Marshall	5/90-9/91
297		Anemia Review	U.S.A	3,656.37	0.14	Pop council	on-going
298		Working paper	U.S.A.	17,233.31	0.43	MC	on-going
232		TA/Admin Support	BANGLADESH	26,105.57	1.07	MC; SCF: Bartlett, Kaye Manoff: Wisnard, Pollard	on-going
300	*	INCAP subcontract	GUATEMALA	53,003.63	0.00	MC; INCAP: Schriber	7/90-4/93
301		TA/Admin INCAP	GUATEMALA	2,632.66	0.00	MC; Rodriguez, Church, Schriber ACNM: Goldman	on-going
302		ROCAP/TA INCAP	GUATEMALA	649.77	0.00	MC; Putney	done
371	*	Guat/TAG subcntr	GUATEMALA	984.00	0.00	OBGYN Subcontractor	4/91-10/91
372		TAG mangmt/TA	GUATEMALA	1,656.49	0.00	Bocaletti; ACNM: Goldman	on going
303	*	REGIONALIZ/SUBC.	INDONESIA	41,822.00	0.00	UNPAD: Dr. Alisjahbana, Dr. Thouw	1/91-9/93
305		LBW, TA/Admin	INDONESIA	15,602.53	0.65	MC: Koblinsky; Manoff: Moore,	on-going
306	*	LBW UNPAD/SUBC.	INDONESIA	(28.00)	0.00	UNPAD, Dr. Alisjahbana	3/90-9/91
307		Indramayu TA/Adm	INDONESIA	81,515.02	9.77	MC: Koblinsky; Pop Council: Pop:Sloan, Leon; Manoff: Moore, Pollard, Radelet	on-going
308	*	INDRAMAYU SUBC.	INDONESIA	11,278.20	0.00	Univ. Indonesia: Dr. Utomo	8/15/90-5/92
309		Regionalization	INDONESIA	13,541.56	2.61	MC: Koblinsky; Manoff: Maynard-Tucker	on-going
325		Hope S/T Research	JAMAICA	38.40	0.00	Hope Enterprises, Jamaica	done
210	*	ENFE	BOLIVIA	29.75	0.01	MC; Subcontractor	8/91-7/92
310	*	INQUISIVI/SUBC.	BOLIVIA	17,455.62	0.00	SCF: Slusser; E. Sanchez;	7/90-7/93
311		Inquisivi TA/Adm	BOLIVIA	16,441.88	2.92	MC: Taylor; SCF: Slusser, Manoff; Bartlett, Burns	on-going
312		Cochabmba/TA sup.	BOLIVIA	55,676.72	4.24	MC; Manoff: Favin, Brem, Restrepo; POP: Sloan; Putney	on-going
320		Bolivia field	BOLIVIA	2,447.22	0.00	MC: Howard Grabman, Blanca, Vexina	1/91-9/93
317		Midwifery TA	UGANDA	28,540.41	0.81	MC: Conroy; ACNM: Marshall, Buffington	3/21/91-9/93
326		Kangaroo Research	ECUADOR	36,383.80	6.21	MC; Pop Council: Sloan, Dr. L. Leon	on-going
327	*	KMM SUBCONTRACT	ECUADOR	14,194.97	0.00	Isidro Ayora Mat. Hospital Dr. L. Leon	2/91-7/93
340		ST/Prelim.	HAITI	7,291.34	0.22	CEDPA: Pressman	done
344		ST/Study	INDONESIA	17,411.57	0.86	MC: Koblinsky; Pop Council;	on-going
346		ST/Study	ECUADOR	14,119.56	1.98	MC; Pop Council	done
348		Peru (Prism)	PERU	6,234.00	0.00	Prism	done
350		Prelim.	IVORY COAST	10.15	0.00	MC: Conroy; ACNM; Pope,	done
351		Development	BANGLADESH	5,672.02	0.11	SCF: Slusser	done
353		Development	Guatemala	57.29	0.01	MC: Taylor	done
355		Development	Uganda	351.38	0.04	MC: Conroy; ACNM: Marshall,	done
356		Development	Jordan	580.39	0.06	Kaufman; CEDPA: Pressman	done

APPENDIX 1

MOTHERCARE SIX MONTHS PROGRESS REPORT

REPORT PERIOD
JUL - NOV 91

PIO/T 936-5966-0361145

FUNDING SOURCE S & T/H

BUY-IN "NO"

AMOUNT $2,250,000.00

ACTIVITY		COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING
358	Maternal Me/wshp	U.S.A	559.00	0.00	Krasovec; MC; PAHO; WHO; AID	done
359	India wkshp	India	3,503.71	0.01	Armstrong	done
370	TAG 2 meeting	U.S.A.	62,043.43	2.26	MC; Subcontractor; Consultants	done
381	PNG Development	PNG	17,725.24	1.60	MC: Taylor; CEDPA: Pressman,	done
382	STD Development	U.S.A	5,256.26	0.54	MC: Koblinsky, Conroy	on-going
383	Nigeria Developm.	Nigeria	18,983.72	1.72	MC: Conroy; ACNM: Marshall	on-going
384	NCIH conference	U.S.A	8,259.58	0.74	MC; Subcontractor; Consultants	done
385	Haiti B-in Women	Haiti	(4,270.69)	0.00	To trans. to PIO/T90130	
386	Country Assessmnt	El Salvador	4,962.64	0.65	MC: Taylor, ACNM: Keith	done
	Sub-Total		828,955.85	63.23		
	Fee 4%		33,159.15			
	Total expend		862,115.00	63.23		

file name:PROGRPT/PRO61145
12/20/91

APPENDIX 1

28

MOTHERCARE SIX MONTHS PROGRESS REPORT

REPORT PERIOD
JUL - NOV 91

PIO/T 1361115

FUNDING SOURCE S & T/H

BUY-IN "NO"

AMOUNT $2,300,000.00

ACTIVITY			COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING
290		Off. Oper.	U.S.A	23,690.58	2.28	N/A	
291		Contract Admin.	U.S.A	561.54	0.04	N/A	
292		Gen. Tech. Del.	U.S.A	7,357.82	0.84	MC; Subcontractors,	on-going
293		Meeting/Conf.	U.S.A	1,897.86	0.19	N/A	
294		Wkshp/Seminar	U.S.A	16,952.34	1.40	N/A	
298		Working paper	U.S.A.	7,373.71	0.73	MC	on-going
317		Midwifery TA	U.S.A.	4,788.19	0.01	MC: Conroy; ACNM: Marshall	on-going
357		Tetanus-Workshop	U.S.A.	51.09		MC; Consultants	done
372		TAG MANGMT/TA	U.S.A.	1,980.49	0.14	MC; Consultants; Subcontractor	done
232		TA/Admin Support	BANGLADESH	3,871.68	1.78	MC; SCF; Bartlett	on-going
35[illegible]		Development	BANGLADESH	2,878.85	0.36	SCF: Slusser	done
311		Inquisivi TA/Adm	BOLIVIA	823.72	0.09	MC: Taylor; SCF: Slusser, Manoff; Bartlett	on-going
326		Kangaroo Research	ECUADOR	58.75	0.01	MC; Pop Council: Sloan, Dr. L. Leon	on-going
327	*	KMM SUBCONTRACT	ECUADOR	5,100.00		Isidro Ayora Mat. Hospital Dr. L. Leon	2/91-7/93
301		TA/Admin INCAP	GUATEMALA	5,410.02	0.96	MC; Rodriquez, ACNM: Goldman; Church, Schriber	on-going
340		ST/Prelim.	HAITI	453.06	0.05	CEDPA: Pressman	done
303	*	REGIONALIZ/SUBC.	INDONESIA	10,788.00	0.00	UNPAD: Dr. Alisjahbana, Dr. Thouw	1/91-9/93
304	*	Health Cost Effec	INDONESIA	253.25		MC: Koblinsky; Pop Council: Sloan, Leon; Manoff: Moore, Pollard, Radelet	on-going
307		Indramayu TA/Adm	INDONESIA	2,460.42	0.34	Univ. Indonesia, Dr. Utomo	8/15/90-5/15/92
308	*	INDRAMAYU SUBC.	INDONESIA	2,800.00	0.00	MC: Koblinsky; Manoff: Maynard-Tucker	on-going
309		Regional. TA/Adm	INDONESIA	8,950.03	1.56	MC: Koblinsky, Univ. of Indo: Dr. Utomo, Dr. G. Wiknjosastro	4/14-4/26/91
412		TA/Adm. Supp. BV	INDONESIA	398.48	0.06	Univ. Airlangga: Dr. Sumapow	
344		ST/Study	INDONESIA	12,524.57	0.53	MC: Koblinsky	on-going
383		Nigeria Developm.	NIGERIA	10,108.86	0.80	MC: Conroy; ACNM: Marshall	on-going
381		PNG Development	PNG	566.30	0.06	MC: Taylor; CEDPA: Pressman,	done
355		Development	UGANDA	339.80	0.03	MC: Conroy; ACNM: Marshall,	done
		Sub-Total		132,439.41	12.26		
		Fee 4%		5,297.59			
		Total expend		137,737.00	12.26		

file name:PROGRPT/PRO1361115
12/19/91

APPENDIX 1

MOTHERCARE SIX MONTHS PROGRESS REPORT

REPORT PERIOD
JUL - NOV 91

PIO/T
511-568
10009

FUNDING SOURCE
S & T/H

BUY-IN
"YES"

AMOUNT
$300,000

ACTIVITY		COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING
200	* PROMEFA	BOLIVIA	19,000.00		MC: Taylor, Howard-Grabman; Manoff: McInerney; Subcontractor	5/91 - 4/92
201	* COMBASE	BOLIVIA	7,500.00		same	same
202	* ME.DI.CO.	BOLIVIA	17,000.00		same	same
203	* CPCCM	BOLIVIA	2,500.00		same	same
	Sub-Total		46,000.00	0.00		
	Fee 4%		1,840.00			
	Total expend		47,840.00	0.00		

file name:PROGRPT/PRO10009
12/19/91

APPENDIX 1

MOTHERCARE SIX MONTHS PROGRESS REPORT

REPORT PERIOD
JUL - NOV 91

PIO/T
936-5972.35
1361560

FUNDING SOURCE
S & T/H/AIDS

BUY-IN
"YES"

AMOUNT
$265,000

ACTIVITY		COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING
388	STD Workshop	U.S.A.	36,992.54	1.64	MC: Koblinsky; Consultants; Subcontractors; A.I.D.	11/7 - 11/8/91
	Sub-Total		36,992.54	1.64		
	Fee 4%		1,479.46			
	Total expenditures		38,472.00	1.64		

file name:PROGRPT/PRO361560
12/19/91

APPENDIX 1

MOTHERCARE SIX MONTHS PROGRESS REPORT

REPORT PERIOD
JUL - NOV 91

PIO/T
521-0206-3
90130

FUNDING SOURCE
USAID/HAITI

BUY-IN
"YES"

AMOUNT
$265,000

ACTIVITY		COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING
343	Maternal Mortalit	HAITI	2,877.02	0.38	J. Coreil	done
345	Breast Feeding	HAITI	1,326.57	0.65	MC: Conroy; Haiti; Institute for Child Health	1/22/90 - 12/31/91
385	Women's Group	HAITI	5,238.57	(0.45)	MC: Conroy; CEDPA: Pressman	done
	Sub-Total		9,442.16	0.58		
	Fee 4%		377.84			
	Total expenditures		9,820.00	0.58		

file name:PROGRPT/PRO90130
12/19/91

APPENDIX i

34

MOTHERCARE SIX MONTHS PROGRESS REPORT

REPORT PERIOD
JUL - NOV 91

PIO/T
520-0000.5
00121 & A1

FUNDING SOURCE
USAID/GUATEMALA

BUY-IN
"YES"

AMOUNT
$210,000

ACTIVITY		COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING
300 *	GUATEMALA # 1	GUATEMALA	33,904.13	0.06	MC: INCAP: Schriber	7/90-4/93
301	TA/ADMIN INCAP	GUATEMALA	17,886.68	2.86	MC; Rodriguez, Church, Schriber ACNM: Goldman	on-going
302	ROCAP/TA INCAP	GUATEMALA	3,073.23	0.80	MC; Putney	done
371 *	GUAT/TAB SUBCNTR	GUATEMALA	9,516.00		OBGYN Subcontractor	4/91-10/91
372	TAG MANGMT/TA	GUATEMALA	2,221.59	1.85	Bocaletti; ACNM: Goldman	on-going
	Sub-Total		66,601.63	5.57		
	Fee 4%		2,663.37			
	Total expenditures		69,265.00	5.57		

file name:PROGRPT/PRO00121.WK1
12/19/91

APPENDIX 1

35

MOTHERCARE SIX MONTHS PROGRESS REPORT

REPORT PERIOD
JUL - NOV 91

PIO/T	FUNDING SOURCE	BUY-IN	AMOUNT
511-0568-3	USAID/BOLIVIA	"YES"	$300,000
00049			

ACTIVITY		COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING
200 *	PROMEFA	BOLIVIA	5,871.00	0.00	MC: Taylor, Howard-Grabman; Manoff: Mc Inerney; Subcontractor	5/91-4/92
312	COCHA/DEL,MGMT	BOLIVIA	24,495.90	1.85	MC: Taylor, Howard-Grabman; Manoff: Mc Inerney,	on-going
320	BOL FIELD OFFICE	BOLIVIA	48,919.60	5.04	Brem, Restrepo; Pop Council: Sloan MC: Taylor, Howard-Grabman; Manoff: Mc Inerney,	8/26-9/5 9/12-10/1 10/90-9/93
	Sub-Total		79,286.50	6.89		
	Fee 4%		3,170.50			
	Total expenditures		82,457.00	6.89		

file name:PROGRPT/PRO00049.WK1
12/20/91

APPENDIX 1

MOTHERCARE SIX MONTHS PROGRESS REPORT

REPORT PERIOD
JUL - NOV 91

PIO/T
0361615

FUNDING SOURCE
S & T/H /HSD

BUY-IN
"NO"

AMOUNT
$300,000

ACTIVITY		COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING
296	Breast Feeding	U.S.A.	30,743.59	4.23	MC; Manoff	on-going
387	Breast Feeding	DOMINICAN REPUBLIC	15,761.59	2.15	MC; Manoff	on-going
	Sub-Total		46,505.18	6.38		
	Fee 4%		1,860.82			
	Total expenditures		48,366.00	6.38		

file name:PROGRPT/PRO361615
12/19/91

APPENDIX 1

MotherCare Six Month Progress Report
Long-term Demonstration Projects

June 1, 1991 - December 1, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
1. PROJECT SUPPORT SYSTEM				
A. Complete evaluation framework for demonstration projects				
1. Conduct working group meeting	On-going		Koblinsky	
2. Prepare draft country framework	2/90-2/92	See dates for specific countries	Taylor Conroy	Guatemala completed 2/91 Bolivia (Inquisivi) completed 4/91 Bolivia (Cochabamba) will be completed 9/91 Uganda will be completed 2/92 Indonesia will be completed 2/92
3. Complete internal review	On-going	In progress	Staff, CTO	
4. Finalize framework	2/90-2/92	See above	Taylor	Finalization of framework will vary by country
II. DEVELOP LONG TERM DEMONSTRATION PROJECT				
A. BOLIVIA				
1. Design and manage Bolivia projects				
a. Workplan 12/92-9/93	12/91	12/91	Taylor	Draft workplan completed and prepared for approval to A.I.D.
b. Workplan approved by A.I.D.	1/92		Taylor	
2. SCF/Inquisivi MotherCare Project				
a. Women's group formation and strengthening.	8/90 to end	On-going	SCF	Moore consultancy completed 8/90. Women group meetings on-going.
b. Women's group assessment (auto-diagnostic)		On-going		Will continue in new communities until the end of project.
c. Develop action protocols to respond to most common fatal conditions of newborns and women	11/91	11/91		August Burns prepared draft emergency protocols and algorithms based on protocols.

APPENDIX 11

MotherCare Six Month Progress Report
Long-term Demonstration Projects

June 1, 1991 - December 1, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
d. IEC strategy development and intervention.	12/90 to end	To begin 6/91 and continue to end	SCF/Manoff	Strategy development to start 6/91 and will continue to end of project. Manoff TA planned for 10/91.
e. Training development.	3/91 to end	To begin 11/91 and continue to end	SCF	Training for health staff, TBAs & SCF staff in protocol use.
f. Provide on-going technical assistance to SCF.	On-going	On-going	Howard-Grabman	Mary McInerney, MotherCare Program Associate working in Bolivia in Howard-Grabman's absence until 12/91.
3. Cochabamba Reproductive Health Project				
a. Conduct project activities				
- Develop and conduct qualitative research studies	1/91-5/91	7/91	Manoff/Vexina Local Staff	TA supplied by Manoff Consultants Elder, Favin, Brems. Strategy workshop held Aug. 26, - Sept. 6, 1991.
- Plan and conduct household survey	2/92		Pop Council Local Contractor	Consultancy of Nancy Sloan 9/91.
b. Coordinate technical assistance and monitor implementation of project.	on-going	On-going	Taylor/McInerney/ Daunas	
- Conduct project development workshop	7/91	8/91	Taylor/Manoff Consultants	Conducted 8/91; 30-40 participants reviewed findings of qualitative study and generated recommendations for IEC training and service interventions.
- Develop IEC plan	11/91	11/91	Manoff Consultants	Susan Brems, consultancy 7/91. Sonia Restrepo, consultancy 11/91.
- Develop training courses	11/91-4/92		Project Manager UNIDAD Sanitona NGOs	3-4 minicampaigns and support activities are planned.

APPENDIX 11

MotherCare Six Month Progress Report
Long-term Demonstration Projects

June 1, 1991 - December 1, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
B. GUATEMALA				
1. INCAP Quetzaltenango Maternal and Neonatal Health Project				
a. Conduct Project Activities				
- Conduct Diagnostic Studies			INCAP	Data collection completed on all studies 3/91. All are in the analysis phase.
- Intrapartum/ Neonatal Mortality Study	1/92		INCAP	
- Maternal Mortality Study	1/92		INCAP	Data collection completed 7/91. Analysis completed. Report under preparation.
- Compliance with Referral Study	1/92		INCAP	Data collection in hospital completed. Analysis in progress.
- National Oxytocin Study Report	11/91		INCAP	Data collection completed 9/91. Analysis completed. Report under preparation.
- Develop Data Base for Evaluation.	4/91	4/91	Daulaire Church	Consultancy by Daulaire and Church completed.
- Establish Surveillance System	1/91	On-going		Information network replace with periodic household consensus to detect births and deaths. Workers in the field beginning new data collection 5/91 onwards. Workers were in the field and control and intervention villages had been selected and 50% had been visited by the end of 11/90.
- Develop hospital norms and forms and implement	3/91	6/91	INCAP/Sosa Najarro	Sosa consultancy 1/91. Najarro consultancy completed.
- Develop District norms and forms and implement training of District Health Teams	11/90 4/91	4/91 6/91	INCAP/ACNM	Putney and Beck workshop completed 4/91, norms completed 6/91.

MotherCare Six Month Progress Report
Long-term Demonstration Projects

June 1, 1991 - December 1, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
- Print norms in manual and wallchart form.	2/92		INCAP	
- Develop TBA training curriculum new forms	4/91	7/91	INCAP/ACNM	ACNM consultancy completed 7/91.
- Conduct TOT for TBA trainers	2/92			Start of training 2/92 (TOT).
b. Coordinate technical assistance and monitor implementation of project	On-going	On-going	Taylor/Monterroso Howard-Grabman	Project monitoring visit completed by Taylor 11/90.
c. Project Amendment				To extend length from 32 months to 38 months. To submit 8/91. Delayed. To be finalized by 3/92.
2. Working Group on High Risk Women and Neonates				
a. Complete AID approval process for proposal	11/90	5/91	CTO/USAID	
b. Conduct project activities			OB/GYN Association	
- Start-up	3/91	5/91	OB/GYN Association	
- Conduct workshop #1	5/91	6/91	OB/GYN Association	2 days workshop within organizations participating was held in Antigua Guatemala results were overwhelmingly positive.
- Conduct workshop #2	8/91	11/91	OB/GYN Association	2 follow-up subcommittee meetings planned prior to 2nd workshop. 2nd workshop completed.
- Prepare newsletters				
* Prepare newsletter #1	10/91	10/91	OB/GYN Association	Newsletter #1 completed and distributed 10/91.

APPENDIX 11

June 1, 1991 - December 1, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
* Prepare newsletter #2	1/92			Newsletter #2 scheduled for 1/92.
c. Participate in Regional Safe Motherhood Conference	1/92		Working Group MotherCare	
d. Coordinate technical assistance and monitor implementation of project	On-going	On-going	Taylor/Daunas	
3. Technical assistance to other organizations				
a. APROFAM - Consultancy for development of urban home birth program to be implemented in Guatemala City	1/92		ACNM	Consultancy for Neil planned.
4. Maternal Mortality Study - Guatemala City & Department				
a. Award subcontract	11/91	11/91	Taylor	Subcontract completed 12/91.
b. Data collection	1/92	11/91	APROFAM/ Medina	
c. Workshops District	2/92	11/91	APROFAM/ Medina	
d. Final report	3/92		APROFAM/ Medina	Draft report received 12/91. Final report anticipated 1/92.
C. UGANDA				
Midwifery Training Project				
a. Prepare country agreement	11/90	6/91	MotherCare, Conroy	Agreement signed by MOH & JSI.
b. Staff				
• Resident advisor arrived in Uganda	10/91	11/91	ACNM	Sandy Buffington arrived in Uganda to initiate project 11/91.

APPENDIX 11

MotherCare Six Month Progress Report
Long-term Demonstration Projects

June 1, 1991 - December 1, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
• Midwife counterpart identified and hired	10/91	11/91	ACNM/MOH	Anne Otto, Ugandan Midwife, was identified by Dr. Ebanyat, ADMS and agreed upon by Buffington as Midwife to be assigned to project.
• Office Admin & Secretary	1/92		ACNM/Buffington	Administrative Office and Secretary may be hired jointly by MotherCare/ACNM and SEATS/ACNM
c. Conduct Project Start-Up Activities	2/92		ACNM/Marshall Buffington	ACNM visit to Uganda 8/91. Project start-up activities begun 11/91.
• Establish office	1/92			
• Project vehicle ordered	1/92		ACNM/USAID	
• Office furnishings, including computer, requested	1/92		ACNM/Buffington	Purchase of computer approved by Contracts Office 12/91.
• Midwifery Training sites selected and inventory begun	1/92	12/91	ACNM/Buffington	Training sites selected at Jinja (government) and St. Francis Hospital, Nsambya (non-government) TOT for Master Trainers will be held at Jinja end of 1992.
• Practical experience at Ugandan maternity center	12/91		ACNM-Buffington	Buffington and Otto will work at Mpegi Maternity for a "first hand look" at midwifery performance, constraints to practice, etc.
• Project advisory meeting	1/92		ACNM/Buffington	The Advisory Committee is made up of select midwives, obstetricians, MCH/FP specialists and are the working group who will provide direction and oversight to the project. They will meet on a quarterly basis.
• Project Work Plan finalized for Year 1	1/92		ACNM-Buffington Proj. Adv. Comm	Advisory Committee to review Annual Work Plan.

APPENDIX 11

MotherCare Six Month Progress Report
Long-term Demonstration Projects

June 1, 1991 - December 1, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
D. INDONESIA				
1. Low Birth Weight Study - University of Padjadjaran				
a. Conduct project activities				
• Data collection in 7 sites	5/91	5/91	U. of Padjadjaran	
• Workshop with principal investigators from 7 sites	5/18/91	5/18/91	U. of Padjadjaran	Preliminary findings presented to central government public health officials.
• Process and analyze data	9/91		U. of Padjadjaran	
• Produce final report	2/92		U. of Padjadjaran	Final report will summarize findings of seven sites.
2. Regionalization Project - University of Padjadjaran				
a. Conduct project activities start-up	12/90 to end	Start-up 2/91	U. of Padjadjaran	
b. Coordinate technical assistance and monitor implementation of project	On-going		MotherCare, Koblinsky, Helveston	Financial assessment conducted by Vongkitbuncha 11/90; audit contracted 1/91.
c. Coordinate audit to establish overhead rate	3/91	5/91	Vongkitbuncha	Overhead rate established.
d. Set up and meet with Advisory and executive committee	6/91	6/91	U. of Padjadjaran	
e. Select control area	6/91	6/91	U. of Padjadjaran	
f. Develop screening tools	12/91		U. of Padjadjaran	In progress.
g. Develop and equip maternity huts	9/91		U. of Padjadjaran	Three out of 10 huts are equipped.
h. Train TBAs	9-10/91	9/91	U. of Padjadjaran	Training completed.

APPENDIX 11

MotherCare Six Month Progress Report
Long-term Demonstration Projects

June 1, 1991 - December 1, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
i. Assess training needs of services	10-11/91	11/91	U. of Padjadjaran	
j. Develop/adapt guidelines for screening, management, referral of obstetric/neonatal cases, and services information system	11/91-2/92		U. of Padjadjaran	In progress.
k. Develop training modules for hospital-health center staff	11-12/91		U. of Padjadjaran	In progress.
l. Train health staff at all levels	12/91-2/92		U. of Padjadjaran	
m. Conduct formative research	1/92		U. of Padjadjaran	
n. Develop communications strategy	2/92		U. of Padjadjaran	
o. Implement interventions Monitoring and evaluation	2/92 On-going		U. of Padjadjaran	
3. Indramayu Improved Iron-Folate Distribution Study (Research)				
a. Develop and carry out formative research	4-5/91	5/91	Manoff	Mona Moore provided technical assistance.
b. Develop communication strategy	8/91	8/91	Manoff	Richard Pollard provided technical assistance.
c. Develop communication materials and implement intervention	1/92		Manoff	Carrie Hessler-Radalet to provide assistance.
d. Data collection				
• Completed	5/92			1/91-5/92. Enter data, check & correct for false values.
4. Slow-release Iron Capsule in Pregnant and Non-pregnant Women (Research)			Aulangga University	
a. Proposal to Contracts Office	1/92			

APPENDIX 11

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
5. Bacterial Vaginosis (Research)				
a. Proposal approved by Contracts Office	12/91	12/91	CCS/ Univ. of Indonesia	
b. Project start-up	1/92			
6. Maternal and Perinatal Mortality Reduction Project (Research)			Koblinsky/ Aulangga Univ.	
a. Proposal approval by Contracts Office	1/92			
7. Cost-effectiveness Study			Koblinsky & Western Consortium Consultants	
a. Project Activities				
• Phase I	3/92			During Phase I, which started in Dec., '91, tools will be developed by which to measure the cost of the Regionalization and Surabaya projects.
III. OTHER DEMONSTRATION PROJECTS				
A. BANGLADESH				
1. Develop and approve field project	8/90	5/91	SCF	
2. Project Start-Up	8/91			

APPENDIX 11

46

MotherCare Six Month Progress Report
Long-term Demonstration Projects

June 1, 1991 - December 1, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
3. Diagnostic Studies Retrospective Care Study	9/91	7/91	BFO/MC Marge Koblinsky	Al Bartlett TA assisted by SCF/Katherine Kaye, BFO staff - trained BFO staff in development of methods and instruments, verbal autopsy and process diagnosis.
4. Analysis of Research	10/91	10/91		Workshop held in Dhaka with SCF to analyze research and develop IEC and case management intervention.
5. Implementation of IEC interventions	2/92		SCF/Manoff	

APPENDIX 11

MotherCare Six Month Progress Report
Short-term Projects

June 1, 1991 - December 1, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
A. PAPUA NEW GUINEA				
1. Conduct county assessment and project development mission.	5/91		Pat Taylor Debra Keith (ACNM)	
2. Distribute recommendations for AID, USAID action.	7/91			Recommendations under review by MotherCare AID/W, USAID, etc.
3. Develop projects/studies of funding available.	9-12/91			
4. Implement	3/92 onwards			
B. PHILIPPINES				
1. Field consultant to work with MOH, MCH Services.	12/91-9/93			MotherCare conducting search to identify and field candidate to work with MCH Service, Dept. of Health to integrate family planning into packet of routine maternal services.
C. EL SALVADOR				
1. Conduct country assessment and project planning mission.	4/91		Pat Taylor Willa Pressman (CEDPA)	
2. Distribute recommendations for USAID & AID action.	7/91			Recommendations under review.
3. Process buy-in for assistance.				
4. Technical Assistance and Training Project start-up.	11/91 onward			

APPENDIX 11

MotherCare Six Month Progress Report
Short-term Projects

June 1, 1991 - December 1, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
D. HAITI				
1. A Maternal Mortality and Perinatal Outcome Study	12/91	On hold	MotherCare C. Conroy	Extension of subcontract was approved 5/91 (completion date moved from 1/91 to 12/91. As of 9/91, political constraints have caused abrupt cessation of all activities in Haiti.
2. National Breastfeeding Strategy	9/93	On hold	MotherCare/Manoff	MotherCare/Manoff Team (C. Conroy & G. Berggren) visited Haiti 4/91 and proposed strategy components. Return MotherCare/ Manoff (Griffiths, Berggren) visit scheduled 9/91 to identify and appoint committee members and to develop annual workplan. However, this visit was canceled due to political situation.
3. Syphilis Control in an Urban Slum in Haiti.	9/93	On hold	MotherCare/ John Hopkins	Proposal was under review, but political situation put a halt to all planning for future activities.
E. NIGERIA				
1. Conduct Preliminary Country Assessment	5/91	6/91	MotherCare Conroy	As result of this visit, MotherCare prepared draft proposal for package of technical assistance. MotherCare anticipates return visit in 9/91 to finalize proposal and priorities.
2. Proposal re-drafted and submitted to USAID and MOH.		11/91		
3. USAID & MOH Approval of Proposal	1/92			
4. Project Start-Up Activities	2/92			MotherCare office will be housed within FHS and project staff will be headed by Nigerian Project Coordinator.

APPENDIX 11

Short-term Projects

June 1, 1991 - December 1, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
F. BREASTFEEDING				
1. Situational Analysis			Manoff	
a. Dominican Republic			Manoff	
• Assessment	6/91	6/91		
• Final Report	1/92			
b. Bolivia			Manoff	
• Assessment	9/91	9/91		
• Final Report	1/92			
c. Ghana				
• Assessment	1/92			
2. Breastfeeding Training				
a. India	12/91	12/91	Indian Academy of Pediatrics MotherCare	Helen Armstrong, MotherCare consultant, provided training assistance in lactation management for physicians under the Indian Academy of Pediatrics, Bombay.
b. Uganda	3/92 and on		Mulago MotherCare	Proposal for training midwives in lactation management to be submitted by Dr. Mukasa to MotherCare.
G. CENTRAL LEVEL SHORT TERM TECH. ASSISTANCE				
1. Consultant to WHO World Assembly	1/92 onwards		MotherCare	Request 11/91 by WHO World Health Assembly for consultant to assist in development of workplan and materials to be used at World Health Assembly Conference in 5/92 (Focus on Women's Health). Vicki Hammer identified and will provide 3 week consultancy in Jan., '92.

APPENDIX 11

53

MotherCare Six Month Progress Report
Short-term Projects

June 1, 1991 - December 1, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
2. World Bank Guidelines	1/92		MotherCare	MotherCare/The World Bank conducted a week-long workshop as the first step in the development of Guidelines for Safe Motherhood to be used by program officers.
3. UNICEF - Safe Motherhood Guidelines	11/91	11/91	MotherCare UNICEF	Pat Taylor attended UNICEF workshop in Jordan to assist in integrating maternal health into UNICEF agenda in the region.

APPENDIX 11

Research

June 1, 1991 - December 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
ECUADOR - Assignment				
1. Kangaroo MotherCare Method				
a. Analytic Plan - preliminary	3/91	4/91		For monitoring cross-sectional & long-term & longitudinal uni., bi & multivariate analysis.
b. Study Questionnaires			Pop. Council	
- develop	3/91	4/91		For newborn exam, initial interviews (Hx, SES), predischarge household visit form, follow-up interviews & exams, cost assessment indices.
- review	5,7/91	5/91	Nancy Sloan	
- pretest	6/91	8/91		
- modify & produced	7/91	8/91		
c. Study Manuals				
- develop	4/91	5/91		For training mothers in KMM and care of LBW newborns and for hospital/clinic personnel (standardization of physical, anthropometric measurement, interviewing & home visits).
- review	4/91	5/91		
- pretest	5/91	8/91		
- modify & produced	7/91	8/91		
d. Training				
- develop	5/91	5/91	MIA/Pinto	For trainers, study staff, attending physicians, nurses & social workers, interviewers, data entry clerk, refresher training, care of LBW & KMM.
- modify & reproduced	7/91	8/91		

MotherCare Six Month Progress Report
Research

June 1, 1991 - December 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
e. Data base	6/91	9/91	Pop. Council	Dbase structure, entry screen, etc. (5-6/91)
f. Study enrollment - begun 8/91		On-going	MIA Staff/ L. Pinto	Conduct initial interviews, data abstraction, pre-discharge household visits (8/91-10/92)
g. Follow-Up - begin 9/91	4/93	On-going	MIA Staff/ L. Pinto	Conduct follow-up interviews and physicals (9/91-4/93)

APPENDIX 11

MotherCare™

DEMONSTRATION PROJECTS

GOAL: **The MotherCare Project aims to improve pregnancy outcomes through a household- and community-based approach.**

One mode of operation is to develop **demonstration projects** in a maximum of five countries. The goal is the development of a national or regional capability and commitment to develop and sustain a program of maternal and neonatal health care.

SETTINGS AND PROJECTS:

Setting A: Where there is no doctor, nurse, or midwife readily accessible, and no tradition of a local birth attendant, deliveries are performed by relatives, including the husband in some cultures. Few, if any, medical facilities exist in the district, and those that do, lack the capability (e.g., skills, equipment, and supplies) to respond to emergencies or to perform routine tasks, such as prenatal care, effectively. Reaching services that do exist may be made difficult by lack of transport, geographical barriers, traditions, language, ethnicity or by the negative impression of the available services. Linkages between any service providers may be non-functional, derailing efforts for referral. Women, considered least and last, are isolated and powerless: this strongly influences their nutritional and health status, their use of services, and results in high fertility and an excess of birth-related deaths. Families and communities are also relatively isolated and lack knowledge about reproduction. We estimate that in the rural areas of the Andean countries as well as countries in South Asia, this is the normal setting for delivery affecting 80-90% of the women who are pregnant each year.

Projects: Bangladesh - Save the Children
Bolivia (rural) - Save the Children
Papua New Guinea (assessment)

Possible Interventions:

- Create awareness at policy level of need for appropriate services and increased communication with women and families about the dangers during pregnancy, labor and delivery, and in the postpartum period.
- Implement surveillance for maternal, perinatal and neonatal deaths.
- Implement studies of maternal, perinatal and neonatal deaths.

JSI John Snow, Incorporated, 1100 Wilson Boulevard, 9th Floor, Arlington, Virginia 22209
Tel. (703) 528-7474 • Fax (703) 528-7480 • Telex 272896 JSIWUR

54

- Increase family planning services to reduce unwanted pregnancies.
- Upgrade primary care for enhanced prenatal care and first aid and referral for obstetrical and neonatal emergencies.
- Develop a system for "maternity waiting" close to a hospital for women with danger signs during pregnancy.
- Educate women and families regarding recognition of and response to danger signs during pregnancy, delivery and in the postpartum period.
- Educate mothers and families regarding healthy practices during pregnancy, delivery and in the postpartum period, specifically regarding nutrition, hygienic delivery, and care of the newborn.
- Provide safe delivery kits, home-based mother's records, and iron-folate tablets to women.

55

Setting B: Although a public program typically exists to manage maternal and neonatal care in the districts of rural areas, it is little used. Most deliveries are performed by TBAs, either trained or untrained. Yet the health system does reach the rural people with other services and is acceptable, for example, for immunizations for children. When maternal services are sought, their ability and resources to manage emergency cases are limited. Routine care for normal pregnancies and deliveries can be managed although screening and referral remains ineffectual. Dangers during pregnancy, labor and delivery, and the postpartum period, are not well understood at the family, community, or even at the provider level. As a result, birth-related mortality, either of women or their offspring, remains relatively high.

Projects: Indonesia - Tanjungsari, University of Padjadjaran
Guatemala - Quetzaltenango, INCAP
El Salvador (rural)

Possible Interventions:

- Interventions in A, plus:
- Establish norms and standards to guide obstetrical and neonatal care based on a case management approach.
- Train all levels of workers, including TBAs, in essential (routine and emergency) obstetrical and neonatal care.
- Upgrade equipment to manage emergency cases.
- Develop maternity outreach through maternity huts for normal births.
- Enhance the referral system through improving linkages and relationships between levels of services, transportation, and communications between providers in the referral network.
- Establish provider task groups to review mortality cases.

56

Setting C: Public and private services are available for maternal and neonatal care in periurban and urban areas but little used: deliveries continue to be performed at home by TBAs, either trained or untrained, or in some countries, by family members. Unlike Setting B where all facilities are within one organization, those within Setting C may or may not have working relationships, making a referral system difficult to organize. Quality of maternal care, either routine or emergency, is poor. The low use of services is not only a reflection of this poor quality of care. It may also be due to the cost of care and the lack of awareness of danger signs among women and their families, despite greater exposure to and understanding of health messages overall. Family planning services are emerging but not highly used. Many women, especially those who are young and unmarried, resort to unsafe abortion. As a consequence, birth-related mortality remains relatively high, both for women and infants.

Project: Bolivia (urban) - Cochabamba
Nigeria
Uganda - Ministry of Health

Possible Interventions:

- Interventions in A and B, plus:
- Financing strategies to link providers and encourage quality of care.
- Enhance the quality and outreach of family planning services.

Setting D: In relatively urban settings, women may not have a high level of education but have access to information and are typically mobile. Public and private services are widely available for maternal and neonatal care and, unlike setting C, are the venue of choice for delivery. Women perceive the hospital as the safest setting for delivery, and despite the presence of lower level cadres (GPs or midwives), a high proportion of women (75-80%) select to delivery in hospitals. The remaining women deliver at home assisted by TBAs, relatives, or deliver alone. However, contrary to women's beliefs, medical facilities, which have become over-stretched by the demand, fail to provide high quality, supportive care for uncomplicated deliveries as well as for emergency care. Furthermore, prenatal screening is poorly linked to action and referral is generally weak. The failure to provide adequate maternal and neonatal care is due to poor training, negative provider attitudes, lack of problem-solving approaches, and an absence of job descriptions, norms and standardized protocols. Options for changing the venue of and/or person attending the routine delivery are strongly tied to policy and to organization of health services.

Project: Jamaica

Possible Interventions:

- Interventions in A, B, and C, plus:
- Upgrade prenatal care and improve screening, treatment, and referral skills and practice.
- Shift low risk deliveries to the lowest possible level (health center, clinics) with appropriately trained personnel (GPs, midwives, TBAs) through social marketing and provider coordination.

MOTHERCARE PROJECT
DEMONSTRATION PROJECTS

Diagnosis/Interventions	Setting A		Setting B		Setting C		Setting D	Indicators
	Bolivia Inquisivi	Bangladesh	Indonesia Bandung	Guatemala (rural)	Uganda	Bolivia Cochabamba	Jamaica	
1. Diagnose the Problem								
- Determine:								
• Health Priorities	X	X	X	X		X		
• Gaps in Services	X	X	X	X		X		
• Community Awareness	X	X	X	X		X	X	
- Develop Diagnostic Tools	X	X	X	X	X	X	X	
2. Enhance Community Awareness								Knowledge of Services Compliance with Advice (e.g., referral, iron-folate use) Knowledge of Danger Signs Coverage Frequency of Use Month Initiate Care
- Strengthen Support Networks:								
• Women's Groups	X							
• Community Health Workers	X					X		
• Pregnancy Monitors								
- Implement Communications Strategy:								
• Healthy Behaviors	X	X						
• Recognition of Danger Signs	X	X	X	X		X		
• Use of Services	X		X	X		X		
3. Enhance Services								Maternal/Perinatal Audits Knowledge of Skills (performance vs. norms) Appropriate Referral Appropriate Treatment upon Referral (e.g., complication in hospital) Delays in Receiving Appropriate Service
- Develop Norms/Standards			X	X	X			
- Train Providers - Essential OB/Neonatal Care:								
• Community TBAs	X		X	X				
• Health Post/Center/Clinic Midwives Nurses MDs District Medical Officer	X		X	X	X	X		
• Hospital Medical Staff			X	X	X			
- Train Supervisors			X	X	X			

APPENDIX 1

MOTHERCARE PROJECT
DEMONSTRATION PROJECTS

Diagnosis/Interventions	Setting A		Setting B		Setting C		Setting D	Indicators
	Bolivia Inquisivi	Bangladesh	Indonesia Bandung	Guatemala (rural)	Uganda	Bolivia Cochabamba	Jamaica	
4. Upgrade and Maintain Facilities, Equipment and Logistics System								
- Restocking Equipment, Supplies			X		X	X		Supplies Available Equipment Functional
- Maternity Huts			X					Establish Maternity Huts
5. Enhance Referral System								
- System of Meetings			X	X				Appropriate Use of Referral Time in Reaching Referral Site
- Communications			X					Time Between Arrival and Treatment at Referral Site
- Transport			X					
- Financing Scheme						X		
6. Monitor and Evaluate								
- Longitudinal Record Keeping/Reporting	X	X	X					Mortality Reduction (PMR) Morbidity Reduction (LBW) Complication Rates
- Surveys				X		X		Case/Fatality Rate by Complication
- Sentinel Sites						?		
- Perinatal/Maternal Audits/Committees	X	X	X	X	X	X		

APPENDIX 1

HEALTH/SERVICE STATISTICS

	SETTING A		SETTING B		SETTING C		SETTING D
	Bolivia (rural)	Bangladesh	Guatemala (rural)	Indonesia (rural)	Bolivia (periurban)	Uganda	Jamaica
Total Fertility Rate	6.4	5.5	4.8	3.3	4.0	6.0	2.5
MMR (per 100,000 live births)	1400	600	300	450	480	265 (hospital data)	110
PMR (per 1000 live births)	103	77	62	46	NA	NA	28
Family Planning Use (%)	5	25	11	48	18	6	
Prenatal Care Use (%)	29	12	14	26	63	76	
Tetanus Toxoid (2)	20	37	18	41	20	NA	
Delivery by Trained Personnel (%)			26				
Institutional Devliveries (%)	23	2 (est)	18	5 (est)	63	36	
Female Secondary School Enrollment (%) (national)	35	11	16	33	35	9	
Urban Population (%)		13	40	26	49	9	75-80
Project Target Population	19,000	23,000	133,000	80,000	403,000	National	

APPENDIX 1

OTHER MOTHERCARE PROJECTS AND ACTIVITIES ONGOING AND PLANNED

1. **Determine effectiveness of specific interventions or delivery systems for an intervention.**

   - Prenatal Care

     STDs - Control of Maternal Syphilis
     Long-Acting Iron Tablets
     Iron-Folate Alternative Distribution System - Indonesia

   - Care of Low Birth Weight Infants

     Kangaroo Mother Method for Managing Low Birth Weight Infants - Ecuador

2. **Determine resistance and motivating factors affecting healthy behaviors.**

   - Use of Birth and Prenatal Services - Jamaica
   - Maternal Nutritional Practices - Bangladesh
   - Cost Study as Component of Demand - Bolivia
   - Qualitative Study of Reproductive Health Beliefs and Practices - Bolivia
   - Maternal Health Needs Assessments by Women's Groups - Bolivia

3. **Develop diagnostic tools.**

   - Maternal Morbidity - Indonesia

     Longitudinal Surveillance - Indonesia

   - Breastfeeding Situational Analysis - Dominican Republic, Bolivia, Guatemala, two African Countries
   - Maternal Anthropometry Workshop
   - Case Control and Case Review Methodologies for Perinatal/Maternal Mortality - Bangladesh, Bolivia, Guatemala

4. **Enhance quality of care.**

   - Peer Evaluation Methodology - Peru
   - Life-Saving Skills Manual for Midwives - Uganda
   - Manual on Interventions to Improve Maternal and Neonatal Health and Nutrition

5. Advocate for improved maternal and neonatal health and nutrition.

- Quarterly Newsletter - MotherCare Matters
- Document Successful Maternal Care Programs - Grenada
- National Reproductive Health Subcommittee on Service Delivery - Bolivia
- Guatemala Technical Working Group on High Risk Women and Neonates

WORKING PAPER SERIES & BOOKS, MANUALS, GUIDES

Working Paper Series
1990-1991

- Eliminating Neonatal Tetanus: An Annotated Bibliography
  Working Paper 1
  January, 1990
  Connie Keedle

- Behavioral Determinants of Maternal Health Care Choices in Developing Countries
  Working Paper 2
  November, 1990
  Mona Moore

- Early Infant Feeding in Haiti: A Synopsis and a Proposal
  Working Paper 3
  October, 1990
  Maria D. Alvarez

- Interventions to Improve Maternal and Neonatal Health and Nutrition
  Working Paper 4
  December, 1990
  Niki George

- Qualitative Assessment of Attitudes Affecting Childbirth Choices of Jamaican Women
  Working Paper 5
  December, 1990
  Maxine Wedderburn
  Mona Moore

- A Case Study of Maternity Care in Grenada
  Working Paper 6
  October, 1990
  Virginia Hight Laukaran
  Adity Bhattacharyya

- The Prevalence of Anemia in Developing Countries, 1979-1989
  An Annotated Bibliography
  Working Paper 7A
  February, 1991
  Elizabeth A. Jordan
  Nancy L. Sloan

- Prevalence of Maternal Anemia in Developing Countries
  Working Paper 7B
  June, 1991
  Nancy L. Sloan
  Beth Bowels
  (not yet available)

- Notes on An Appropriate Approach to Safe Motherhood
  June, 1991
  Working Paper 8
  USAID/Jakarta

BOOKS, MANUALS, GUIDES

1990-1991

- Maternal Nutrition and Pregnancy Outcome: Anthropometric Assessment.
  PAHO 1990
  Mary Ann Anderson
  Katherine Krasovec

CONFERENCES/WORKSHOPS

- WHO Interested Parties Meeting, London School of Hygiene and Tropical Medicine, Institute for Child Health
  June 18-23, 1989
  Marjorie A. Koblinsky

- Maternal and Child Health Projects in India, NCIH Annual Conference
  June 21, 1989
  Usha Shah

- WHO Workshop on Prevention of Tetanus of the Newborn, Geneva
  June 26-28, 1989
  Gretchen Berggren

- Post-Congress Consultation on Asphyxia and Thermal Control in Newborns, International Children's Center, Paris
  July 29-31, 1989
  Sharon Guild, M.D.

- Safe Motherhood Initiative: Technical Working Group on Measurement of Reproductive Morbidity, WHO, Geneva
  August 30-September 1, 1989
  Marjorie A. Koblinsky

- Intercountry Workshop of Safe Motherhood Initiative: Recent Developments and Key Issues, WHO/SEARO, New Delhi
  November 6-10, 1989
  Zahidul Huque

- A Meeting with Mrs. Marie Goubran, Executive Secretary, International Confederation of Midwives, London, England
  December 14, 1989
  Cindy Kaufman

- Mortalité Maternelle: Les Sages-Femmes se Mobilisent
  Rapport d'un atelier sur "Renforcement des services nationaux de sage-femme"
  January 12-19, 1990
  Ouagodougou, Burkina Faso

- Report on the First African Regional Conference on Women and Health
  January, 1990
  Naomi Baumslag

- Reaching Women
  January 5, 1990
  Carol A. Carp

- Neonatal Tetanus Elimination: Issues and Future Directions
  Meeting Proceedings
  REACH/MotherCare with USAID
  Alexandria, VA
  January 9-11, 1990

- Maternal Anthropometry for Prediction of Pregnancy Outcomes
  April 23-25, 1990

- ACC/SCN Workshop on Iron Deficiency Control Programmes
  A Brief Summary of MotherCare Staff Participation and Workshop Proceedings
  Dublin, Ireland
  June 6-8, 1990
  K. Mona Moore

- Japan Trip Report: ICM/WHO/UNICEF Pre-Congress Workshop and Triennial Congress of the International Confederation of Midwives
  October 1-12, 1990
  Margaret Marshall

- Philippines Trip Report: Sixth International Women and Health Meeting
  November 2-13, 1990
  Willa Pressman
  (also listed under Trip Reports)

- Zambia 7th Regional Conference of African Union of Veneral Disease and Trepnematoses
  March, 1991
  Marjorie A. Koblinsky

- STD Workshop
  Centers for Disease Control, Atlanta
  July 23-25, 1991
  Marjorie A. Koblinsky

- ARI Conference
  July 31, 1991
  Marjorie A. Koblinsky

- FIGO/WHO/WORLD BANK/MCI Pre-Congress Workshop, Singapore
  IV National Congress of the Indonesian Association for Perinatology PERINASIA Congress, Indonesia and
  XIII World Congress of Gynecology and Obstetrics, 1991 (FIGO), Singapore
  September 5 - 20, 1991
  Margaret Marshall

- The World Bank Safe Motherhood Guidelines Working Group
  Washington, D.C.
  November 18-22, 1991
  hosted by the World Bank and MotherCare

- UNICEF Guidelines Workshop for Safe Motherhood
  Jordan
  November 11-15, 1991
  Pat Taylor

- The STD Workshop
  Women, Infants and STDs: Opportunities for Action
  Washington, D.C.
  November 7-8, 1991
  hosted by A.I.D. and MotherCare

- The National Council of International Health Conference on Maternal Health
  June 1991
  MotherCare Staff

- MotherCare Technical Advisory Group meeting
  June 22 - July 2, 1991
  MotherCare Staff

- Workshop on Safe Motherhood Programs
  MotherCare Proposal to SIDA
  August, 1991

TRIP REPORTS AND PROJECT REPORTS

TRIP REPORTS

Africa

Côte d'Ivoire

- Côte d'Ivoire Trip Report
  July 30-August 9, 1990
  Colleen Conroy
  Charlene Pope
  Raynald Pierre-Louis

Kenya

- Kenya Trip Report: Project Development
  September 6-7, 1990
  Willa Pressman

Nigeria

- Nigeria Trip Report
  April 22 - May 10, 1991
  Colleen Conroy
  Peg Marshall

Uganda

- Uganda Trip Report
  December 1-19, 1989
  Colleen Conroy
  Cindy Kaufman
  Charlotte Neumann

- Uganda Trip Report: Project Development
  August 11-September 5, 1990
  Willa Pressman

- Uganda Trip Report
  May 26-June 12, 1991
  Colleen Conroy

- Trip Report, Uganda: Improved Maternal and Neonatal Care Through Upgrading Nurse-Midwife Skills and Services
  August 19 - September 6, 1991
  Margaret Marshall
  S. Buffington

Asia and the Near East

Bangladesh

- Bangladesh Trip Report
  October 10-17, 1989
  Marjorie A. Koblinsky
  Zahidul Huque

- MotherCare Trip Report
  Save The Children
  Bangladesh Field Office, Dhaka
  July 9-25, 1991
  Katherine Kaye

- Trip Report
  Save The Children, Bangladesh
  July 13-29, 1991
  Dr. Alfred Bartlett

- Trip Report
  MotherCare/Save the Children Bangladesh Project
  October 18 - November 7, 1991
  Katherine Kaye

India

- Trip Report
  September 24 - October 4, 1989
  Mary Ann Anderson

Indonesia

- Indonesia Trip Report #1
  October 1-9, 1989
  Marjorie A. Koblinsky

- Technical Assistance to the University of Indonesia Child Survival Institute: The Indramayu Project MotherCare Initiative
  October 1-9, 1989
  James F. Phillips

- Indonesia Trip Report #2
  January 17-February 8, 1990
  Marjorie A. Koblinsky

- Indonesia Trip Report #3
  June 21-July 7, 1990
  Marjorie A. Koblinsky

- Indonesia Trip Report #4
  October 7-21, 1990
  Marjorie A. Koblinsky

- Indonesia Trip Report
  Development of the Social Marketing Component of a Project to Alleviate Maternal Anaemia in Indramayu. Review of Possible Social Marketing Activities in the Perinatal Regionalization Network Project in Tanjungsari, January 9-31, 1991
  Mona Moore

- Indonesia Trip Report
  March 28-April 6, 1991
  Nancy L. Sloan & David Leon

- Development of the Social Marketing Component of a Perinatal Regionalization Project in Tanjungsari: West Java
  May 20-27, 1991
  Mona Moore

- A Qualitative Investigation of Factors Influencing Use of Iron Folate Tablets by Pregnant Women in West Java: A Summary of Findings
  May, 1991
  Mona Moore

- Improved Iron Folate Distribution to Alleviate Maternal Anemia, Indramayu, West Java: Analysis of the Qualitative Research Results and Preparation of the Research Report.
  April 22 - May 18, 1991
  Mona Moore

- Indonesia Trip Report
  October 7-13, 1990
  Mary Ann Anderson

- Trip Report
  Preparing the Communications Plan: Improved Iron-Folate Distribution to Alleviate Maternal Anemia in Two Sub-districts of Indramayu Regency, West Java, Indonesia
  July, 1991
  Richard Pollard

- Indonesia Trip Report
  September 17 - October 2, 1991
  Marjorie A. Koblinsky

- Trip Report
  Research Plan and Research Instruments
  Perinatal Regionalization Project in Tanjungsari, West Java
  September 23 - October 12, 1991
  Gisele Maynard-Tucker

- Trip Report
  Indramayu Communication Strategy
  September 16 - October 12, 1991
  Caroline Hessler

- Trip Report
  Indramayu Social Marketing
  September 16 - October 5, 1991
  Richard Pollard

Jordan

- Jordan Country Assessment
  November 28-December 18, 1989
  Patricia Taylor
  Oona Campbell
  Mona Moore
  Janet Tognetti
  Salwa Bitar

- Jordan Trip Report
  March 4-15, 1990
  Wilma H. Lynn

Papua New Guinea

- Papua New Guinea: MotherCare Country Assessment
  May 5-21, 1991
  Patricia Taylor, Willa Pressman,
  Marsha Dupar, and Pamina Gorbasch

Philippines

- Philippines Trip Report: Sixth International Women and Health Meeting
  November 2-13, 1990
  Willa Pressman
  (also listed under Workshops)

Thailand

- Thailand Trip Report
  May 14-23, 1990
  Sally A. Tom
  Audrey J. Naylor
  Janet Tognetti

Latin America and the Caribbean

Bolivia

- La Paz, Bolivia Preliminary Assessment Report
  June 1-8, 1989
  Marjorie A. Koblinsky
  Patricia Taylor

- Bolivia Trip Report
  October 28-November 9, 1989
  Lisa Howard-Grabman
  Pamela J. Putney
  Marcia E. Sell

- Bolivia Trip Report #3
  February 18-March 1, 1990
  Patricia Taylor
  Lisa Howard-Grabman

- Assessment Report and Proposal for MotherCare Project in Cochabamba, Bolivia
  Trip Report #4
  July 9-17, 1990
  Lisa Howard-Grabman
  Dr. Alfredo Guzman
  Dr. Pedro Rosso
  Patricia Taylor
  Melody Trott
  (also listed under Proposals)

- Trip Report: Breastfeeding in Bolivia
  August 5 - 23, 1991
  Mary Ruth Horner

Inquisivi - Bolivia

- Inquisivi, Bolivia Trip Report #1
  August 17-September 1, 1990
  Mona Moore

- Inquisivi, Bolivia Technical Report
  September 24-October 6, 1990
  Al Bartlett

- Inquisivi, Bolivia Trip Report # 3
  Development of the Detailed Implementation Plan
  For the Save The Children MotherCare Project Called "Warmi"
  April 19 - May 9, 1991
  Wendy Slusser

- Inquisivi, Bolivia Technical Report # 2
  March 23 - April 3, 1991
  Alfred Bartlett

- Inquisivi, Bolivia Trip Report # 4
  Protocol Development for Save the Children/Inquisivi
  "Warmi Project."
  November 7 - 23, 1991
  A. August Burns

Cochabamba, Bolivia

- Cochabamba, Bolivia Trip Report # 1
  January 18-February 2, 1991
  John Elder (not for distribution)

- Cochabamba Bolivia Trip Report # 2
  January 18-February 14, 1991
  Pamela J. Putney

- Cochabamba Bolivia Trip Report # 3
  March 17-20, 1991
  Mike Favin

- Study of the Costs and Cost-Recovery Alternatives
  for Maternal and Neonatal Care Services at the Hospital
  German, Urquidi, Cochabamba, Bolivia
  Phase One Report
  November, 1990
  Larry Day
  Gerry Rosenthal

- Maternity Services in Cochabamba, Bolivia
  Costs, Cost-Recovery, and Changing Markets
  (Report of a Field Study)
  April 25-27, 1991
  Gerald Rosenthal
  Allison Percy

- Cochabamba Trip Report #4
  A Qualitative Assessment of Maternal and
  Neonatal Health Problems and Resources,
  May 29 - June 15, 1991
  Susan Brems

- Cochabamba, Bolivia: Strategy Development Workshops
  and Proposed Communications Plan
  August 26 - September 6, 1991
  Sonia Restrepo Estrada

- Trip Report: Cochabamba, Bolivia
  Transition From Qualitative Research to Program
  September 5, 1991
  Susan Brems

- Design of the Baseline Study for Cochabamba, Bolivia Project
  September 14 - 27, 1991
  Nancy Sloan

Chilé

- Chilé Trip Report
  July 9-19, 1990
  Marcia Griffiths

Dominican Republic

- Trip Report
  Dominican Republic
  Breastfeeding Assessment, Review of Health Services
  June 23 - July 7, 1991
  Dr. Argentina de Chavez

Ecuador

- Maternal and Neonatal Health and Nutrition: Ecuador
  Trip Report #1
  January, 1989
  Marjorie A. Koblinsky

- Ecuador Trip Report #2
  March 12-23, 1990
  Claudio Stern
  Nancy L. Sloan

- Ecuador Trip Report #3
  October 7-20, 1990
  Nancy L. Sloan
  Claudio Stern
  Michael del Aguila

- Ecuador Trip Report #4
  April 17-26, 1991
  Nancy L. Sloan
  Kathryn Tolbert

- Ecuador Trip Report #5
  August 2 - 9, 1991
  Carlos Loo

El Salvador

- MotherCare Country Assessment: El Salvador
  April 15-26, 1991
  Patricia Taylor
  Debra Keith

Guatemala

- Trip Report: Initial Site Visit to Guatemala
  October 10-17, 1989
  Patricia Taylor

- Trip Report: Guatemala
  January 15-26, 1990
  Patricia Taylor

- Guatemala Trip Report #3-A
  August 27-September 6, 1990
  Nils M.P. Daulaire

- Guatemala Trip Report #3-B
  August 27-September 6, 1990
  Marcia Monterroso

- Guatemala Trip Report #4
  October 22-November 9, 1990
  Pamela J. Putney

- Guatemala Trip Report #5
  November 4-17, 1990
  Patricia Taylor

- Guatemala Technical Report
  January 13-18, 1991
  Roberto Sosa

- Guatemala Trip Report # 6
  March 6-23, 1991
  Diana R. Beck
  Pamela J. Putney

- Guatemala Trip Report # 7
  April 1-17, 1991
  Nils M.P. Daulaire

- Guatemala Trip Report
  September 30 - October 5, 1990
  Mary Ann Anderson

- Guatemala Trip Report #8
  May 1-17, 1991
  Marcia Monterroso

- Guatemala - INCAP Quetzaltenango Maternal and Neonatal Health Project
  July 25 - August 24, 1991
  Susan Colgate Goldman

- Trip Report: Participation in II Workshop on Maternal, Perinatal and Neonatal Health
  November 10 - 16, 1991
  Jose Malbio Rolim

Haiti

- Haiti Preliminary Site Visit
  May 30-June 3, 1989
  Colleen Conroy
  Debbie Kreutzer

- Assessment of Maternal Mortality and Perinatal Outcomes Study: Haiti
  November 26-December 10, 1989
  Jeannine Coreil

- Haiti Trip Report
  May 13-20, 1990
  Jeannine Coreil

- Haiti Trip Report
  September 18-October 5, 1990
  Maria D. Alvarez

-- Haiti Trip Report: Project Development
  December 27-28, 1990
  Willa Pressman

- Haiti Trip Report: A Plan to Promote Breastfeeding in Haiti "Mothers Milk is Best Milk"
  April 7-15, 1991
  Gretchen Berggren
  Colleen Conroy

- Haiti Trip Report:
  Assessment Report on Women's Group and NGO Activity in Maternal and Neonatal Health
  April 1-12, 1991
  Willa Pressman

- Haiti Trip Report:
  Maternal Mortality and Perinatal Outcomes in Haiti
  August 12 - 19, 1991
  Jeannine Coreil

Jamaica

- Jamaica Trip Report
  September 24-29, 1989
  Colleen Conroy
  Mona Moore
  Usha Shah

- Design of a Study to Investigate Beliefs and Perceptions of Jamaican Women that Influence their Utilization of Childbirth Services.
  November 7-17, 1989
  Mona Moore
  Elaine Maran

- Jamaica Technical Assistance Visit
  January 15-February 16, 1990
  Mona Moore

Peru

- Trip Report: Preliminary Site Visit, Lima, Peru
  August 29-September 1, 1989
  Patricia Taylor

PROJECT REPORTS

- Maternal and Neonatal Health and Nutrition in India
  March 1-31, 1989
  Usha Shah

- Evaluating the Quality of Prenatal Care
  September 12, 1989
  Zahidul Huque

- Development of Instruments for the Systems Assessment of Maternal Health Services in the Peru Ministry of Health (PMOH) and Macroanalysis of Current PMOH Maternal Health Services in the Cono Sur of Lima, Peru.
  The PRISM Group
  1990
  Donna Stultz
  Marcia Luz Zanoni
  William M. Spira

- Manual for Completing the CMI Community Members Interview
  The PRISM Group
  1990
  Donna Stultz
  Marcia Luz Zaanoni
  William M. Spira

- Assessment of Technology Needs at the First Level of Referral
  PATH
  March, 1990

- Recommendations to the MotherCare Project Concerning Components of Prenatal, Intrapartum and Postnatal Care and Focus Areas
  March 10, 1990
  Aida Lo

- Mother's Clubs for Health Promotion: A Brief Review of Program Experience and Lessons Learned
  May, 1990
  Mona Moore
  (also in Spanish)

- Peru Country Study: Management Assessment of Primary Health Care Services in the Peru Ministry of Health: 1990 National Assessment
  The PRISM Group

- Community Level Maternal and Neonatal Health Information and the Collaboration of MotherCare with Local and Women's Organizations in Africa
  December, 1990
  Belkis Giorgis

- Save The Children/MotherCare
  Bolivia "Warmi" Program Detailed Implementation Plan
  July 15, 1990 - July 15, 1993
  May 1991
  Save the Children

- UNICEF/Government of Morocco. Plan of Operation. Maternal Health Care, 1992-1996
  June 17 - July 5, 1991
  Victoria Hammer-Wylis

APPENDIX 5

INTERNAL REPORTS

Annual Workplans

- MotherCare Project Annual Workplan
  June 1, 1989-May 31, 1990

- MotherCare Project Annual Workplan
  Year 2
  June 1, 1990-May 31, 1991

- MotherCare Project Annual Workplan
  Year 3
  June 1, 1991-May 31, 1992

Six Month Progress Reports

- MotherCare Six Month Progress Report
  May 1989-November 1989

- MotherCare Second Six Month Progress Report
  November 1989-May 1990

- MotherCare Third Six Month Progress Report
  June 1, 1990-November 30, 1991

- Fourth Six Month Progress Report
  November 30, 1990-May 31, 1991

- Fifth Six Month Progress Report
  June 1, 1991-December 31, 1991

Technical Advisory Group Meeting Reports

- Technical Advisory Group Meeting, Arlington, VA
  March 6-7, 1990

- Technical Advisory Group Meeting Report
  March 6-7, 1990

- Advisory Subcommittee Meeting:
  A Summary of Recommendations and My Impressions
  April 30-May 2, 1990
  Marjorie Koblinsky