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Logistics and Child Health Support Services Project

HMG Ministry of Health Project in cooperation with USAID

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May 12, 2000.

Ms. Catherine Thompson,
Acting Chief, Office of
Health and Family Planning,
USAID/Nepal.

Subject: **Contract: 367-C-00-97-00082-00**
Nepal Logistics and Child Health Support Service Project
Quarterly Report: January 1 – March 31, 2000.

Dear Cathy, *Cathy*

Please find herewith our quarterly report for the period January 1 through March 31, 2000. I would be happy to answer any questions that you might have about this report, and look forward to receiving your feedback.

Yours sincerely,

Penny Dawson

Penny Dawson,
Team Leader,
JSI/Nepal.

cc. Lyndon Brown, JHU CS Fellow, O/HFP, USAID/Nepal.
JSI/Boston
MASS
NTAG

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JSI QUARTERLY PERFORMANCE MONITORING REPORT

PROJECT NAME: LOGISTICS AND CHILD HEALTH SUPPORT SERVICES PROJECT

PROJECT NUMBER: 367-C-00-97-00082-00

REPORTING PERIOD: January 1, 2000 - March 31, 2000

Background:

The Logistics and Child Health Support Services Project began on June 15, 1997 and is scheduled for completion June 14, 2002. The total contract budget is \$11,950,136.

Contract activities will contribute to achieving the Nepal USAID Mission's Strategic Objective Two: reduced fertility and improved maternal and child health, by providing management and logistical support and limited technical assistance to the following:

- Logistics Management of Health Commodities
- National Vitamin A Deficiency Control Program
- National Control of Acute Respiratory Infection Program
- National Control of Diarrheal Disease Program
- National Female Community Health Volunteer Program
- National Traditional Birth Attendant Program
- National Family Planning Program
- Department of Health Services Financial Section

Report Organization:

Each quarterly Performance Monitoring Report is organized by performance objective with major activities during the quarter that contributed toward the performance goal listed under the objective. Any problems, unanticipated events or significant accomplishments are detailed in the discussion section for each objective.

A summary of expenditures, organized by contract LIN numbers, appears at the end of the Report.

Integrated Logistics Management

| EOP Result | Year 3 Milestone | Progress Toward Milestone |
|--|------------------|---------------------------|
| a) LMIS fully functioning in all 75 districts with 80 percent of functioning facilities reporting in a timely and accurate manner. | 70% | 71% |

Major Activities

- Generated, checked and dispatched to all Districts and Regions, District and Regional Logistics Management Information System (LMIS) Feedback Reports (2nd Quarter, NFY 2056/57).
- 2,950 (71%) LMIS Quarterly Reporting Forms entered by New ERA and MASS on behalf of Logistics Management Division (LMD).
- Continued development of a warehouse inventory control computer program for Regional Medical Store (RMS).
- Continued development of Windows-based "platform" for LMIS Unit.
- Prepared Commodity Pipeline Report for February-April 2000 and circulated to donor agencies and concerned Health Services (DHS) Divisions.

Discussion

- New Era declined to accept another no-cost extension of their subcontract for LMIS and the subcontract ended January 31, 2000. Using unexpended funds from the New ERA subcontract a purchase order was issued to MASS to continue LMIS support at a reduced level of staffing until July 16, 2000.
- LMIS activities are continuing with markedly reduced funding. Possibility of including LMIS in the Family Planning Workplan is being explored.
- Implementation of the computerized inventory control system in at least one RMS is planned for the next quarter.

| EOP Result | Year 3 Milestone | Progress Toward Milestone |
|--|------------------|---------------------------|
| b) 70 percent of sample storage facilities at each level meet acceptable storage standards for all MOH products. | 60% | 52% ¹ |

Major Activities

- Regional Health Training Centres (RHTC) conducted Basic Logistics Training (BLT) for 88 newly-recruited PHC, HP, and SHP personnel.
- NHTC/JSI conducted District BLT for District-level store personnel. Forty-six were trained from Central, Western, Mid-Western and Far-Western Regions.
- JSI staff assisted National Health Training Centre (NHTC) in developing training plan and program for FY 2000/2001, targeting 1,801 in logistics.
- JSI staff coordinated with LMD, NHTC and Population and Family Health Project logistics training budget requirement of NRs 4,924,398 (PIU World Bank NRs 4,678,178 and HMG NRs 246,220). This amount will be incorporated into the Redbook for travel cost and stationery.
- As requested by NHTC, conducted logistics TOT for Senior ANM trainers: the Chief and an Assistant Lecturer, Nursing Campus Pokhara and the Matron, a Public Health Nurse and a Sister In-charge, Regional Hospital Pokhara.
- Participated in a curriculum development workshop by Health Institution and Manpower Development Division for Strengthening District Health Service (SDHS) training curricula. A logistics chapter has been incorporated.
- Assisted DDA/SDMD/RPM project in developing logistics training strategy for Siraha and Dhading.
- Provided 8 steel racks, 39 wooden pallets and 3 cupboards to health facilities.
- Deputy Team Leader participated in the International Women's Conference in New Delhi from Feb 27 to March 27, 2000 and presented paper entitled "Health Commodities: A Critical, Overlooked Component of Women's Health".

MASS Support Team (MST) worked with MOH staff to:

- Reorganize stores in Chautara (Sindupalchowk), Gularia (Bardia) and Dang District Hospitals.
- Auction unusable commodities in Chautara (Sindupalchowk) and Gularia (Bardia) Districts.

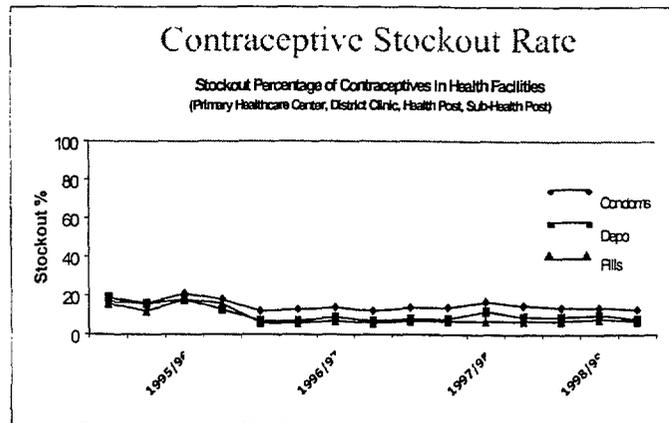
¹ This is a maintaining phase. It has been difficult to maintain the store standard because of transfer of trained personnel and some slackness in maintaining store standard which has led to the reduced % of store standard in the milestone

- Auction of unusable commodities completed in Tehrathum Hospital. NRs 5,500 was received and 300 square feet freed.
- Clean and reorganize LMD Teku Warehouses.

Discussion

- For FY 2000/2001, the following logistics training and supervision activities are planned in collaboration with NHTC, LMD and JSI.
 - ▶ TOT and review meeting on ICP
 - ▶ ICP training for In-charge and store personnel of all Western and Far-Western Regions' health institutions
 - ▶ BLT by region (only non-ICP Districts) for below-District level
 - ▶ Training follow-up and supervision for Central level
 - ▶ Training follow-up and supervision for Regional level
- JSI continues to assist and support MOH health facilities to improve store standard with OJT and demonstration.
- MST will work with MOH to reorganize Dang and Baitadi District Hospital Stores and Teku Warehouses.
- Reorganize District Hospital Stores in Dang, Mid-Western Region; Baitadi, Far-Western Region; and Teku LMD Warehouse.
- MST will continue to clean and reorganize Teku LMD Warehouses and assist in auctioning unusable goods.
- MST will work with MOH staff to auction unusable commodities in the District Hospitals where clean-up has been completed.

| EOP Result | Year 3 Milestone | Progress Toward Milestone |
|---|------------------|--|
| c) Percentage of MOH health institutions reporting stockout for any contraceptive method during the year reduced from 40 percent to 10 percent. | 30% | Condoms 13% Depo 8% Oral Pills 7% |



Major Activities

- Project staff conducted the following logistics supervision and monitoring visits:
 - District Stores--95; RMS/Central warehouse--26; Other facilities: PHCs--17, HPs--62, SHPs--82, RD, RTC and I/NGOs--48. This activity contributes to the accomplishment of all logistics objectives.
- Semi-annual logistics meeting held in Dhangadi, January 5-7, 2000. Discussions included monitoring store standards, LMT supervision strategy, strengthening the process of logistics system institutionalization and increasing HMG logistics improvement ownership/responsibility.
- Evaluation of MOH logistics was conducted by FPLM Evaluation Team with LMT support. Included were visits to District health facilities in all 5 development Regions. Preliminary findings were presented to donors, MOH and partners at a seminar at the Summit Hotel. Evaluation of logistics system has shown good progress in the area of LMIS, training, warehousing and storage, distribution, procurement, forecasting. However for institutionalization and sustainability a need for continuation of donor funding for at least 5-7 years was identified by the FPLM team.
- A briefing was conducted in Nepalgunj for Mid-Western Regional Health Director on logistics activities and OJT for DHO/DPHOs and Storekeepers of restricted Districts of Rolpa, Rukum, Jajarkot and Salyan. LMT provided OJT at JSI Field Office, Nepalgunj, to Mr. Dhoj Bahadur Singh, Kalikot DHO Storekeeper.
- Briefed FPAN Director General and Program Officer, Mid-West Region, Nepalgunj, on FP and logistics programs.
- Project Regional Logistics Management staff activities:

- ▶ Assisted in reorganizing PHC Bankatuwa, Banke District.
 - ▶ Liaisoned with DHOs and RMS Dhangadhi regarding the supply of program items.
 - ▶ Reviewed logistics practices at Nepal Red Cross Society, Doti and Kailali, and Care Nepal Field Office, Bajura.
 - ▶ Attended meetings regarding Sub-NID, ACDP and Health Worker training/workshop organized by DHO Kailali.
 - ▶ An exchange field visit to Eastern Region was organized by JSI Western Region Logistics staff to familiarize the logistics activities in the Districts where ICP has been implemented.
 - ▶ Briefed Western Regional Health Director on logistics and child health activities (JSI CHFO accompanied).
 - ▶ Supervised NID in Biratnagar Municipality and nearby VDC.
 - ▶ Assisted reorganization of Sankhuwasabha, Morang and Panchthar District Stores.
 - ▶ Visited General Welfare Pratisthan, Parsa with Parsa District Storekeeper, provided LMIS report to Pratisthan and conducted OJT.
 - ▶ Logistics Advisor/Field Monitoring and Regional Logistics Advisor/Central Region Field Office accompanied USAID Team of Mr. David Piet, Ms. Anne Peniston, Mr. Bob Miller and Mr. D.R. Shrestha to Transit Warehouse, Pathlaiya and Makwanpur DHO Store.
 - ▶ Met Eastern Regional Directorate and RMS staff in RMS Biratnagar: Dr. M.N. Mishra, R.D; Mr. Ganesh Karki, Account Officer; Mr. Jagadish Jha, Training Assistant; Mr. Narayan Khadka, Family Planning Assistant; and Mr. Bharat Shah Acting Incharge to discuss logistics activities being implemented in the Region. RD and staff were interested and eager to support and observe these activities.
 - ▶ Logistics Advisor/Distribution visited Kavre, Nuwakot and Rasuwa Districts with LSIP Coordinator Mr. M.P. Maskey and Mr. Tilak Paudel, LMD.
 - ▶ Deputy Team Leader and Central Regional Logistics Advisor visited District Public Health Office, Bhaktapur to discuss logistics activities with DPHO Ms. Maya Shrestha and District Storekeeper Mr. Prem Lal Shrestha.
 - ▶ Deputy Team Leader, Logistics Advisor/Field Monitoring and Far-Western Regional Logistics Advisor visited Kailali, Kanchhanpur, Doti and Dadeldhura DHOs and related health facilities to monitor stock situation using LMIS information and supervise store standards.
- Facilitated delivery and movement of the following quantities of contraceptives and program items to various health facilities during routine field visits:

| Items | Quantity | Items | Quantity |
|------------|----------------|------------------|----------------|
| Condoms | 380,000 pieces | Ferrous Sulphate | 64,000 tablets |
| Depo | 32,200 vials | ORS | 8,500 packets |
| Oral Pills | 20,000 cycles | Essential Drugs | 8 cartons |
| Norplant | 250 sets | Vitamin A | 5,000 capsules |

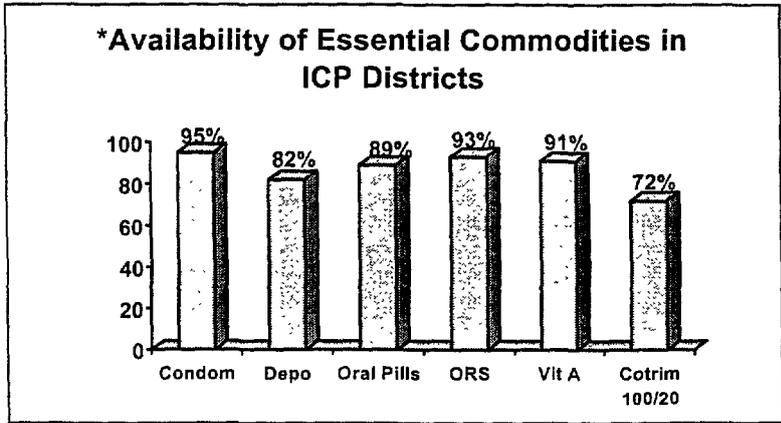
- Organized two distribution team meetings at LMD under the chairmanship of LMD Director to discuss items that could be supplied immediately using private and government vehicles.

- Assisted LMD in managing emergency supply of contraceptives to needy Districts and RMSs.

Discussion

- Auctioning remaining old vehicles and dejunking Teku Warehouse are in progress.
- Final evaluation report from FPLM is expected during coming quarter.

| EOP Result | Year 3 Milestone | Progress Toward Milestone |
|--|------------------|---------------------------|
| d) 60 percent of facilities where inventory control procedures (ICP) have been introduced have adequate stocks of essential commodities. | 60% | Average- 89%* |



Major Activities

- Organized a 4-day ICP TOT in Kathmandu for 14 participants from Eastern Region RTC, RHD, DPHO, and RMS and NHTC, LMD and JSI Regional Field Offices.
- Completed ICP training for staff from all Eastern Region health institutions. Trained 348 In-charges and Storekeepers.
- Recently-implemented ICP in Eastern Region being closely monitored by LMD/JSI.
- Assisted NHTC in developing ICP training strategy for Western and Far-Western Regions. Strategy calls for 6 different training points and 72 estimated batches. Training will be completed in first trimester (July/August through October/November 2000) of NFY 2057/58.

Discussion

- Expansion of ICP is scheduled for Western and Far-Western Regions in the coming fiscal year. Public Sector budget requirement for travel expenses is estimated Rs. 4,160,350 (world Bank Rs. 3,952,332, HMG Rs. 208,018). LMIS form revision to meet ICP requirement has been completed.

National Vitamin A Deficiency Control Program

| EOP Result | Year 3 Milestone | Progress Towards Milestone |
|--|---------------------|----------------------------|
| a) 75 districts participating in Vitamin A capsule distribution and nutrition education activities | 62 Districts | 64 districts |

Major Activities

- The introductory training for new districts was conducted in the following districts for the April round of capsule supplementation. During training, in addition to health personnels representatives from education, agriculture, NGOs/INGOs, and local development were oriented on the program and their roles in supporting the FCHVs during capsule supplementation. Participants were also briefed on the importance of Vitamin A, and how to manage cases requiring treatment with Vitamin A. FCHVs were trained on the importance of Vitamin A, how to conduct nutrition education classes and how to correctly dose children and keep records.

District Level

Rasuwa

Health Post Level

Kathmandu

Nuwakot

Rasuwa

Community Level

Bhaktapur

Kathmandu*

Nuwakot

Rasuwa

**Except Kathmandu municipality*

- Refresher Trainings were conducted in the following Districts. Refresher Training at three levels is conducted six months after the introductory training in "new districts". During this training, major findings of the mini-survey are shared to improve motivation and quality of service.

District Level

Solukhumbu

Okhaldhunga

Udayapur

Taplejung

Pyuthan

Sankhuwasabha

Health Post Level

Solukhumbu

Okhaldhunga

Udayapur

Sankhuwasabha

Pyuthan

Taplejung

Community Level

Solukhumbu

Okhaldhunga

Udayapur

Sankhuwasabha

Pyuthan

Taplejung*

**Taplejung has 3 batches of training: 1 batch was completed in March and other will be completed in April*

Details of the Training Participants:

Introductory Training

| Categories | Kathmandu | Bhaktapur | Nuwakot | Rasuwa | Total |
|--------------|--------------|------------|--------------|------------|--------------|
| Health | 230 | 33 | 175 | 60 | 498 |
| FCHV | 1,081 | 237 | 1,039 | 241 | 2,598 |
| Local Dev. | 512 | 132 | 538 | 197 | 1,379 |
| Adm. | 0 | 0 | 0 | 4 | 4 |
| Ag. | 191 | 56 | 215 | 80 | 542 |
| Ed. | 249 | 0 | 525 | 149 | 923 |
| WDO | 0 | 0 | 1 | 0 | 1 |
| INGO | 144 | 32 | 144 | 87 | 407 |
| TOTAL | 2,407 | 490 | 2,637 | 818 | 6,352 |

Refresher Training

| Categories | Solu | Okhald'ga | Udayapur | Taplejung | Sankh'bha | Pyuthan | Total |
|--------------|--------------|--------------|--------------|-----------|--------------|--------------|--------------|
| Health | 105 | 171 | 177 | 22 | 132 | 149 | 756 |
| FCHV | 305 | 710 | 426 | 0 | 326 | 438 | 2,205 |
| Local Dev. | 366 | 582 | 464 | 5 | 358 | 497 | 2,272 |
| Adm. | 2 | 2 | 2 | 2 | 3 | 3 | 14 |
| Ag. | 122 | 205 | 169 | 4 | 151 | 164 | 815 |
| Ed. | 316 | 411 | 400 | 2 | 366 | 296 | 1,791 |
| WDO | 4 | 8 | 2 | 1 | 4 | 4 | 23 |
| I/NGO | 95 | 127 | 139 | 12 | 124 | 40 | 537 |
| TOTAL | 1,315 | 2,216 | 1,779 | 48 | 1,464 | 1,591 | 8,413 |

- Staff from 17 Different agencies (Australian Embassy, USAID, AusAID, Child Health Division, National Planning Commission, Ministry of Local Development, Ministry of Education, Ministry of Agriculture, NNIPS, Food Research Laboratory, Ministry of Communication, Central Region Health Directorate, Regional Health Training Center, Mid-Western Health Directorate, Eastern Region Health Directorate, JSI, CARITAS/Nepal) observed/supervised training.
- The second Program Coordination Committee (PCC) meeting was held at NTAG. Progress on program activities was reported and future plans discussed. Representatives from the Ministry of Health, Ministry of Finance, Child Health Division, National Planning Commission, AusAID and NTAG were present.
- One-day multi-sectoral meeting dates were finalized and concerned Districts informed.
- One-day multi-sectoral meeting was organized in Khotang.

Discussion

- A proposal for continuation of AusAID Funding to support expansion of Nepal's National Vitamin A Program, was drafted and presented to AusAI D.

| EOP Result | Year 3 Milestone | Progress Towards Milestone |
|--|------------------|----------------------------|
| b) National average of 70 percent of children in target areas 6 – 60 months of age, who have received a Vitamin A capsule during the preceding national capsule distribution day | 70% | 94.5% |

Major Activities

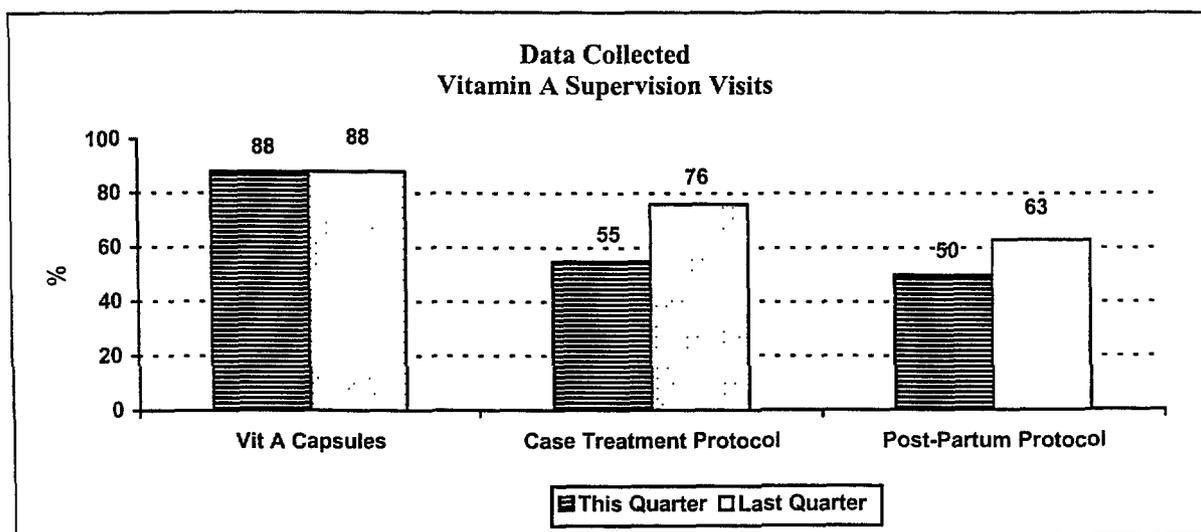
- The data, which had been coded and entered into the computer in the previous quarter, were analyzed using EP-INFO software. The results are:

| Districts | Total Samples | Children Dosed | Percentage Coverage |
|----------------|---------------|----------------|---------------------|
| Bardiya | 175 | 173 | 98.9% |
| Gulmi | 175 | 172 | 98.3% |
| Kailali | 175 | 158 | 90.3% |
| Lamjung | 175 | 175 | 100.0% |
| Morang | 175 | 149 | 85.1% |
| Rupandehi | 175 | 157 | 89.7% |
| Saptari | 175 | 163 | 93.1% |
| Solukhumbu | 175 | 171 | 97.7% |
| Okhaldhunga | 175 | 175 | 100.0% |
| Udayapur | 175 | 173 | 98.9% |
| Tamplejung | 175 | 173 | 98.9% |
| Sankhuwasabha | 175 | 173 | 98.9% |
| Darchula | 175 | 173 | 98.9% |
| Pyuthan | 175 | 161 | 92.0% |
| Dolpa | 175 | 136* | 77.7% |
| Average | | | 94.5%# |

*All residents from five clusters in Upper Dolpa where not home during the survey. Potential children in these five clusters were counted as missed. # Average.

- Data was also analyzed for trends of coverage rates in districts repeated in the mini-surveys. Findings showed consistency in coverage rates.
- Data was interpreted and a draft report of the October 1999 mini-survey was prepared.
- Aggregate datasets (1993-1999) in MS-Access program were developed.
- Yearly Vitamin A capsule coverage rates by Districts were presented graphically and compiled.
- The mini-survey training manual was revised and updated.
- The mini-survey questionnaire in English and Nepali was revised.
- Mini-survey data were compiled into a directory using Epi-Info, dBase and Foxpro programs.

- Updated supervision forms in Nepali and English were given to the NGO Coordinator for distribution to NGOs.
- Checklist for training activities was prepared and distributed to field staff.
- JSI Child Health Field Staff (CHFS) conducted supervisory visits to support Vitamin A activities at 74 health facilities. The availability of Case Treatment and Post-Partum Protocols decreased in Central Region this quarter. The reasons are – Visited Districts where Vitamin A Supplementation implemented at the beginning and most of HF were first time visited. During the visits CHFS supplied where found shortage. The percentage of observed availability of Vitamin A capsules, Case Treatment protocols and Post-Partum Protocols is shown.



- Ninety-four percent of 148 FCHVs interviewed had knowledge of two animal sources of Vitamin A.
- A Report “Empowered Women Save Children’s Lives: A report from Nepal’s National Vitamin A Program” was prepared by a graduate student from the School of Nutrition Science and Policy, TUFTS University, USA, in collaboration with JSI and Nepali Technical Assistance Group (NTAG). Fieldwork, Focus Group Discussions and in-depth interviews were conducted with Female Community Health Volunteers (FCHVs) in the summer of 1999 about their experiences related to involvement in the NVAP. During the quarter the report was finalized. The printing and dissemination of report will be carried out next quarter.
- Ram Shrestha participated in the International Women’s Conference in New Delhi, India from February 27 – March 2, 2000 and presented paper entitled “ Empowered Women Save Children’s Lives”.

| EOP Result | Year 3 Milestone | Progress Towards Milestone |
|---|-------------------------|-----------------------------------|
| c) 75 districts reporting use of Vitamin A case management protocols, including measles case management, through the HMIS | 40 districts | 70 districts |

Major Activities

- Gave orientation on case-treatment and post-partum dosing to all multi-sectoral participants in the Introductory District-Level Orientation Program, Rasuwa District to generate mass awareness. Discussion was also held on how they refer case treatment and post-partum dosing in their working areas.
- Oriented to participants from Kathmandu and Lalitpur Districts at Health Post and community-level training on the importance of treatment and how, why and when to treat cases and dose post-partum women. Ways of disseminating the messages on case treatment and post-partum dosing were explored.
- Collected and reviewed HMIS data on case treatment and post-partum dosing for period December 1999 - March 2000. Reviewed regular reporting from 70 districts.
- Facilitated District-Level Refresher Orientation Program, Sankhuwasabha District and discussed with the multi-sectoral participants how to contribute in case treatment and post-partum dosing.
- Made regular follow-up visits to District Public Health Office, Bhaktapur and Kathmandu to monitor the case treatment and post-partum dosing.
- Composed songs/poems on case treatment and post-partum dosing for mass media advertisement with the consensus of Chief, National Health Education Information and Communication Center. Songs periodically played on FM radio.
- Conducted orientation sessions on National Vitamin A Program focusing on case treatment for staff of Helping Hands, health sector NGO.
- Gave orientation on case treatment and post-partum dosing to 11 Health Clinics/Centers In-charges, Kathmandu Municipality. Emphasis was on treating cases and reporting the same to the District Public Health Office.

Discussion

- The Monthly Reports on case treatment and post-partum received from Patan Hospital for the months of July 1999 to January 2000 were analyzed. Total number of cases treated - 995; number of post-partum dosing - 3,069.

National Control of Acute Respiratory Infection Program

| EOP Result | Year 3 Milestone | Progress Toward Milestone |
|---|------------------|---------------------------|
| a) Fourteen districts will participate in the National Community-based ARI Program. | 10 Districts | 13 Districts |

Major Activities

- Expansion of the Community-Based Integrated Management of Childhood Illnesses (CB-IMCI) Program (first phase training/orientation) was completed in Bardiya District. VHW/MCHW and FCHVs level training and VDC and Mothers Group Orientation (MGO) were completed.

| Training | | | Orientation | |
|----------------|------------|-----------|-------------|---------|
| VHW/MCHW Level | FCHV Level | | VDC Members | Mothers |
| | FCHVs | VHW/MCHWs | | |
| 57 | 819 | 57 | 362 | 10,616 |

- JSI Child Health Central and Field Level Staff monitored 100% VHW/MCHWs and 94% FCHV Level Trainings and 100% VDC Members Orientation.
- During the Mothers Group Orientations in Bardiya, children under 5 years of age with ARI were examined, diagnosed and provided appropriate treatment.

| Total < 5 Children with ARI | Pneumonia Cases Treated | Referred Cases | Provided Home Therapy |
|-----------------------------|-------------------------|----------------|-----------------------|
| 4,049 | 158 | 62 | 3,829 |

- Determined quantity, packed and transported training materials to each training venue in Bardiya, Nawalparasi and Bajura Districts.
- JSI Child Health Staff assisted with the 2-day facilitators meeting in Bardiya in participation for SHPI training. Eight trainees participated.
- JSI Child Health Staff provided technical assistance for conducting the second phase FCHV level training in Nawalparasi. Six hundred eighty-seven FCHVs, 70 VHWs, 16 MCHWs participated.
- JSI Child Health Field Staff provided technical assistance to Community-based ARI/CDD (CBAC) Districts in conducting the following monitoring meetings:

| District | Meetings | Trainees | | | | Facilitators from DHO/HF |
|--------------|-----------------|------------|------------|------------|------------|--------------------------|
| | | FCHV | MCHW | VHW | Total | |
| Rasuwa | VHW/MCHW* | | 11 | 5 | 16 | 11 |
| Bara | VHW/MCHW* | | 87 | 32 | 119 | 108 |
| Rauthat | VHW/MCHW* | | 89 | 35 | 124 | 51 |
| Parsa | VHW/MCHW* | | 76 | 27 | 103 | 73 |
| Chitwan | VHW/MCHW* | | 34 | 29 | 63 | 43 |
| Sunsari | VHW/MCHW* | | 48 | 39 | 87 | 62 |
| Jhapa | VHW/MCHW* | | 48 | 36 | 84 | 55 |
| Chitwan | VHW/MCHW/FCHV** | 281 | 38 | 28 | 347 | 57 |
| Total | | 281 | 431 | 231 | 943 | 460 |

*VHW/MCHW Monitoring Meeting, ** VHW/MCHW/FCHV Review/Monitoring Meeting

- Provided technical assistance to CBAC training for 17 HF staff (AHW/ANM) in Bajura who were unable to participate in initial training.
- Facilitated CB-IMCI training for 20 SHPI/AHW/ANM in Nawalparasi.
- Mr. Kumar Lamichhane participated in Inter-Country Meeting on Child and Adolescent Health and Development from March 9 – 14, 2000 in Bali Indonesia. Participants were from 8 countries – Nepal, Bhutan, Bangladesh, India, Indonesia, Maldives, Myanmar and Thailand. Chief of the Health Section, UNICEF/Nepal and participants from WHO/HQ, SEARO and INGO – MSH, BRAC, CARE, WHO/Nepal, CDD/ARI Section Chief also participated. Mr. Lamichhane gave a presentation on training and orientation of community-based volunteers which included the evolution of ARI/CDD to CB-IMCI. He also discussed working mechanisms, training and orientation, data on pneumonia treatment 1995-1999, comparison of FCHV knowledge and skills between Year 1 and Year 4, orientation to mothers and activities to sustain the program.
- Child Health Review Meeting was held (February 14-18) to review the past six months performance. Representatives from MASS, NTAG and MOH also participated to hear the progress and feedback from CH team.

Discussion

- MASS provided logistical support for VHW/MCHW and FCHV Trainings, Mothers Group Orientations, Review/Monitoring Meetings and Review Refresher Meetings and supported CHD administrative and supervisory staff per the Supplemental Workplan.
- As requested by CDD/ARI Section, MASS photocopied/printed: 1,000 Community-Based Integrated Management of Childhood Illness Manuals for DDC/VDC and Social Workers, 500 Nepali certificates, 100 English certificates for trainees of CB-IMCI Districts and 6 training manuals to be used in CB-IMCI Districts. MASS delivered them to the CDD/ARI Section.

| EOP Result | Year 3 Milestone | Progress Toward Milestone |
|--|------------------|---|
| b) Sixty percent of children 0-60 months of age with pneumonia symptoms will be referred or treated appropriately by FCHVs and VHVs in target Districts. | 60% | 88% Marking third day follow-up 97% Marking consistent age/dose* 89% Marking consistent age/dose and third day follow-up* |

* treated cases only

Major Activities

- JSI's Child Health Field Staff and I/NGO staff conducted monitoring visits in support of the ARI program as follows:

| Interviewers | Level | # of visits |
|--------------|-----------------|-------------|
| JSI | Health Post | 34 |
| | Sub-Health Post | 40 |
| | Community | 237 |
| | Total | 311 |
| I/NGO | Health Post | 5 |
| | Sub-Health Post | 17 |
| | Community | 132 |
| | Total | 154 |
| Total | | 465 |

- The following monitoring reports were received from I/NGO partners:

| I/NGO | Districts | CHWs Interviewed | Interview Time Period |
|--------------|-----------|------------------|-----------------------|
| ADRA | Rasuwa | 26 | January - March |
| PLAN | Bara | 52 | January - March |
| | Rauthat | 54 | January - March |
| Total | | 132 | |

- Summarized results of monitoring visits with CHWs (FCHVs, VHVs, MCHVs):

CHW Pneumonia Symptoms Knowledge and Skill Assessed During CHFS' Supervision:

| District Category | Knew 2 Cut-Off Rates | Counted RR Rate Correctly | Knew 4 or More Danger Signs | Knew Cotrim. Dose for 2 Age Groups | Had Cotrimoxazole |
|--------------------|----------------------|---------------------------|-----------------------------|------------------------------------|-------------------|
| A* (105) | 98% | 97% | 98% | 98% | 79% |
| B** (241) | 88% | 88% | 98% | 95% | 85% |
| C# (23) | 87% | 91% | 96% | 96% | 74% |
| Total (369) | 91% | 91% | 98% | 96% | 83% |

* A Districts - initiated before 1998/99 (Jhapa, Morang, Sunsari, Makwanpur, Parsa, Chitwan)

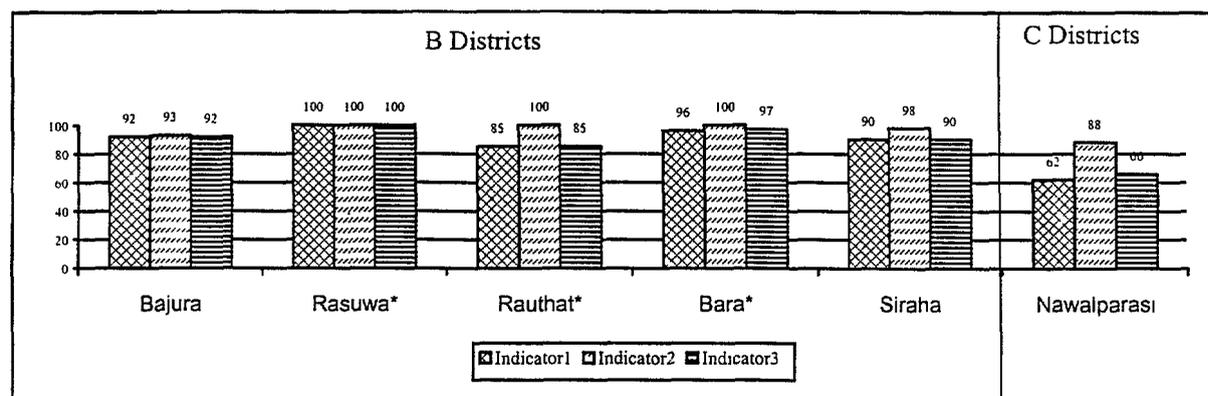
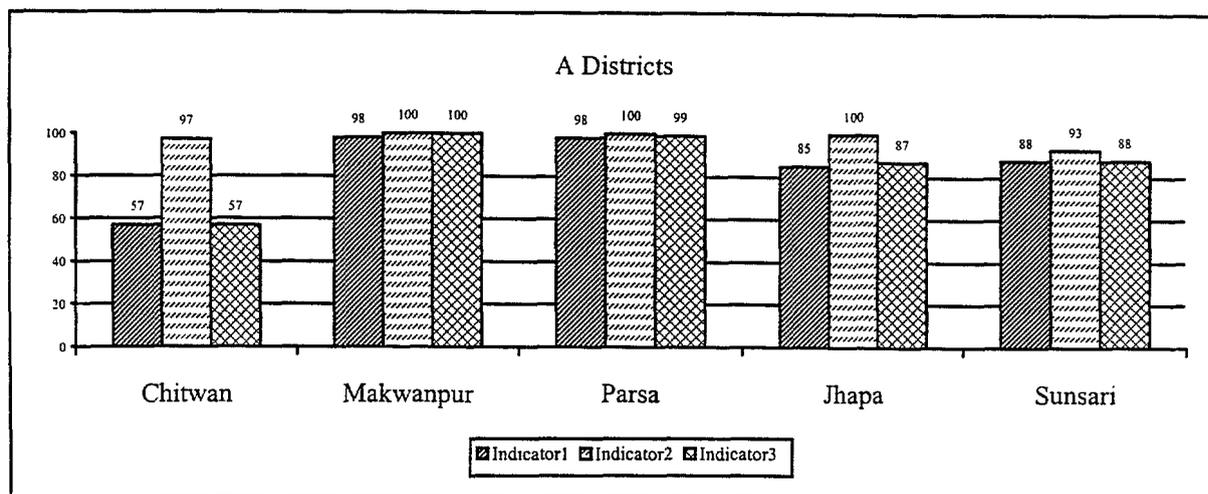
** B Districts - initiated in 1998/99 (Siraha, Rauthat, Bara, Rasuwa, Bajura)

C Districts - initiated 1999/2000 (Nawalparasi, Bardiya)

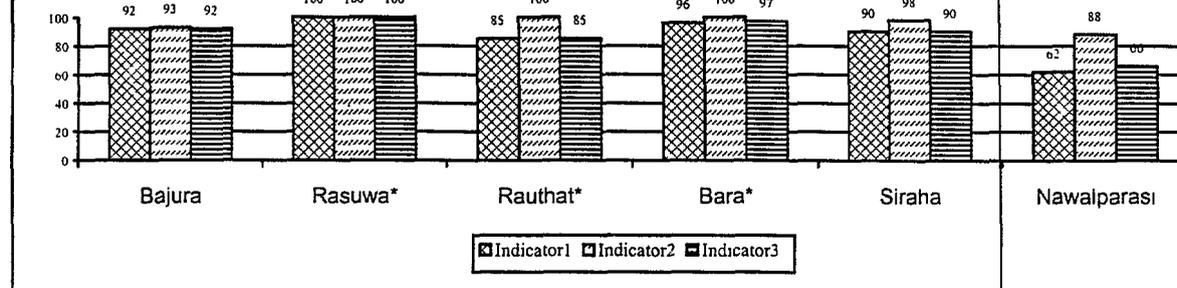
- CHFOs facilitated the distribution of 68,750 cotrimoxazole tablets, 24 timers and 632 other ARI materials to health facilities and CHWs.

Discussion

- During regular monitoring visits, CHFS and I/NGO staff collected treatment data on CHW performance. CHWs followed-up 1,547/1,734 (89%) of the 10 most recently treated cases and 32/54 (59%) of the 10 most recently referred cases for a total follow-up of 1,579/1,788 (88%) treated or referred cases. Their records were correct in 1,689/1,734 (97%) cases showing appropriate cotrimoxazole dose according to age group.
- Comparison of District-wide status of performance indicators (January 1 - March 31, 2000):



C Districts



*Combined results from JSI and I/NGO monitoring reports.

Indicator1 – Marking third-day follow-up

Indicator2 – Marking consistent age/dose (only treated cases).

Indicator3 – Marking consistent age/dose and third-day follow-up (only treated cases).

A Districts – Chitwan, Makwanpur, Sunsari, Morang, Jhapa, Parsa

B Districts – Siraha, Bara, Rauthat, Rasuwa, Bajura

C Districts – Nawalparasi, Bardiya

- Cotrimoxazole tablets availability with CHWs increased from 68% last quarter to 83% this quarter.
- CHFO conducted monitoring visits in Chitwan in the areas where visits were not carried out before. Therefore the indicators 1 and 3 were found low. Refresher training was given on-the-spot to these FCHVs.

National Control of Diarrheal Disease Control Program

| EOP Result | Year 3 Milestone | Progress Toward Milestone |
|---|------------------|---------------------------|
| a) The MOH will distribute at least 1,100,000 ORS packets per year. | 1,100,000 | 1,142,852* |

*Distributed July 15, 1999 - January 15, 2000

Major Activities

- CHFOs conducted supervisory visits to support CDD/ARI/Child Health activities in 15 Districts:

| Level of Visit | # of Visits |
|------------------------|-------------|
| District Health Office | 18 |
| Health Post | 36 |
| Sub-Health Post | 38 |
| VHW/MCHW | 40 |
| FCHV | 184 |
| Total | 308 |

- CHFOs distributed: ORS -- 4,100 packets; blue measuring cups -- 45; ORT corner materials -- 24, oral pills -- 424 cycles; condoms -- 12,555; CDD/ARI Posters (5 types) -- 156 sets; other IEC materials -- 44; other (Vitamin A Treatment Protocols, mother's booklets) -- 102.
- CHFOs monitored the adequacy of storage standards in 23 health facilities.
- As requested by Peace Crops, JSI Eastern Region Child Health Staff facilitated the child health training on CDD, ARI and Vitamin A Deficiency for FCHVs of Jalpa VDC in Khotang District. Participants were 9 Jalpa VDC FCHVs, 2 Public Welfare Society/Nepal health volunteers and 2 Janhit Samaj Sewa/Nepal health volunteers.

Discussion

- Eighty-six percent of the 74 health facilities visited had ORS stock on the day of the visit and 77% (57/74) had ORT corner materials, of which only 58% of the 57 ORT corners were functioning.
- Seventy-seven percent of HFs visited had measuring devices for preparation of ORS. Staff at 100% of the HFs which had measuring devices measured the correct volume of water.
- Fifty-two percent of the 184 FCHVs interviewed had ORS on the day of the visit and 96% were able to demonstrate the correct preparation, including the correct volume of water.

National Female Community Health Volunteer Program

| EOP Result | Year 3 Milestone | Progress Toward Milestone | | | | | | | | | | |
|--|------------------|--|-----|-----|---------|-----|-------|-----|-----------------------|-----|------------------------|-----|
| a) 75 percent of active FCHVs reporting provision of MCH services to their MOH supervisors | 60% | FCHVs reported* distributing following commodities in past one month: <table style="margin-left: 20px;"> <tr> <td>ORS</td> <td style="text-align: right;">55%</td> </tr> <tr> <td>Condoms</td> <td style="text-align: right;">34%</td> </tr> <tr> <td>Pills</td> <td style="text-align: right;">40%</td> </tr> <tr> <td>At least one activity</td> <td style="text-align: right;">69%</td> </tr> <tr> <td>Vitamin A (last round)</td> <td style="text-align: right;">98%</td> </tr> </table> | ORS | 55% | Condoms | 34% | Pills | 40% | At least one activity | 69% | Vitamin A (last round) | 98% |
| ORS | 55% | | | | | | | | | | | |
| Condoms | 34% | | | | | | | | | | | |
| Pills | 40% | | | | | | | | | | | |
| At least one activity | 69% | | | | | | | | | | | |
| Vitamin A (last round) | 98% | | | | | | | | | | | |

*During interviews with JSI CHFS and DHO Staff

Major Activities

- CHFS and DHO staff interviewed and collected information from 148 FCHVs (in NVAP Districts) on their participation during the last round of Vitamin A capsule distribution.
- CHFS and DHO staff interviewed and collected information from 184 FCHVs on the services (ORS, condoms and oral pill distribution) provided. Results are summarized under "Progress Toward Milestone."
- Team Leader participated in the International Women's Conference in New Delhi, India from February 27 – March 2, 2000 and presented paper entitled "Empowering Female Volunteers Through Health Programs".

Activities of the Program Officer/FCHV

- Participated in meetings at NHTC and at FHD to discuss the FCHV Program budget and activities for NFY 2057/58 (FY 2000/2001). UNICEF, UNFPA, USAID, and concerned authorities of NHTC and FHD participated.
- Participated in a meeting at District Health Office, Kathmandu to discuss cooperation and involvement of government and non-government organizations for Sub-NID program.
- Assisted FCHV Section to prepare District-wise distribution lists of FCHV Service Report Forms.
- Assisted FCHV Section to prepare a Plan of Action of the FCHV Program for NFY 2057/058.
- Observed Lapsipedi FCHV Vitamin A training. Participated in the FCHV observation program in Sunsari and Dhankuta Districts. In Jitpur, Balambu and Dhapasi VDCs of Kathmandu District participated in FCHV Refresher Meetings.

Discussion

- The delay in release of UNICEF FCHV budget has hampered FCHV program activities. The twice yearly FCHV Refresher Review Meetings especially could not be conducted in many Districts.

- MASS provided support for exchange visits by 8 groups of FCHVs.

| Region | # of groups | FCHVs Involved | Exchange Visit Venue |
|--------------|-------------|----------------|---------------------------|
| Eastern | 2 | 50 | Makwanpur/Rupandehi |
| Central | 2 | 47 | Kaski/Chitwan |
| Western | 2 | 36 | Dhankuta/Sunsari |
| Mid-Western | 1 | 29 | Kaski |
| Far-Western | 1 | 25 | Kathmandu/Kaski/Rupandehi |
| Total | 8 | 187 | |

- MASS provided support for supervisory visits by two FCHV/FHD staff to 3 Districts.

National Traditional Birth Attendant Program

| EOP Result | Year 3 Milestone | Progress Toward Milestone |
|--|---|---|
| a) Supplemental Workplans for the National Traditional Birth Attendant Program successfully implemented each year. | NFY 2056/57 Workplan completed | No Supplemental Workplan for NFY 2056/57 |

Major Activities

- No Supplementary Workplan for NFY 2056/57.

National Family Planning Program

| EOP Result | Year 3 Milestone | Progress Toward Milestone |
|--|---|---|
| a) Supplemental workplans for the National Family Planning Program Successfully implemented each Year. | NFY 2056/57 Workplan Completed | Supplemental Workplan implementation in progress |

Major Activities

- MASS provided logistical support for the following training activities:

| Activities | Participants |
|---|--------------|
| No-Scalpel Vasectomy | 19 |
| IUD Basic Training | 16 |
| Minilaparotomy | 7 |
| PAC Training | 9 |
| Family Planning Clinical Methods Strengthening IUD/NORPLANT Orientation (new sites) | 773 |
| Norplant Training for Paramedics and Nurses | 18 |
| COFP Counseling Merge Training | 62 |
| On-Site Follow-up of Vasectomy, Minilap, COFP and IP Practices | 2 |
| Total | 906 |

- Under the per-case support to Mission Hospital/NGOs, the following institutions were reimbursed:

| Institutions | Total Reimbursed |
|--|------------------|
| Bahunepati Health Service Implementing Committee | 118 |
| Sunaulo Parivar Nepal/Marie Stopes International Clinics | 1,779 |

- Paid Radio Broadcasting Service (Radio Nepal) and Expert Media for FP jingles aired through Expert Media (advertising agency). Expert Media was also paid for FP jingles aired through Radio Nepal.
- Supplied 31 different supplies/equipment to FHD for the FP Methods Strengthening (IUD/NORPLANT) Orientation.
- Provided per-diem to the FHD Peon sent to DHO Rupandehi to deliver FP camp materials.
- Paid e-mail access at FHD.

Discussion

- Received claims from Radio Nepal and National Advertising and Marketing Pvt. Ltd. for airing FP jingles and promotional spots.
- Per request from FHD, 8,000 fallope rings for 4,000 procedures ordered from Circon Corporation, USA received at MASS through JSI/N, and delivered to FHD/LMD.

- MASS advanced money equivalent to 50% of estimated sterilization cases to 5 selected NGOs (Fertility Care Centre, Family Planning Association of Nepal, BP Koirala Memorial Health Foundation, Sunaulo Parivar Nepal/Marrie Stopes International and Adventist Development and Relief Agency).

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Department of Health Services Financial Section

| EOP Result | Year 3 Milestone | Progress Toward Milestone |
|---|---|-------------------------------|
| a) Statements of expenditure and request for reimbursement report for MOH Redbook support submitted correctly to USAID on time each year beginning in 1998. | NFY 2056/57 statements submitted on time | Procedures established |

Major Activities

MASS:

- Assisted in collecting, preparing and submitting final claim forms for NFY 2055/56. As of 15 February 2000, the percentage claim against the allocated budget was 82%.
- Assisted in reconciliation of claims between USAID and DOHS Fiscal Section records.
- Helped DOHS prepare and submit claims for FP/FHD NFY 2056/57 activities worth NRs 4.5 million.
- Conducted field visits to Siraha, Saptari, Sunsari, Jhapa and Morang Districts to review financial systems. Problems encountered: delay in release of funds; delay in preparation of budget with plan of action; failure to provide Districts combined budgets in a timely manner; and levying of 10% income tax on training allowances, resulting in difficulties implementing programs.

Discussion

During the next three months, MASS will:

- Conduct field visits in consultation with DOHS Fiscal Section to assist in preparing statements of expenditures and determining and resolving accounting problems.
- Follow-up on NFY 2056/57 statements of expenditures for all USAID-supported Workplan activities.

| EOP Result | Year 3 Milestone | Progress Toward Milestone |
|--|---|----------------------------------|
| b) Financial audits and reviews beginning in 1998 reveal no significant problems in tracing financial information and documentation is readily available for the review. | 95% of NFY 2056/57 costs allowable | Preparatory work begun |

Major Activity

- MASS assisted DOHS select auditor for financial review of USAID-supported Workplan and Redbook activities for NFYs 2052/53 and 2053/54.

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**RESULTS OF RECORD* REVIEW FOR PNEUMONIA CASES TREATED OR REFERRED BY
COMMUNITY HEALTH WORKERS (FCHVs/VHWs/MCHWs)**

01/01/2000 to 03/31/2000

| Type of Districts** | # Interviewed | Treated | | | | | | | | | | Referred | | | Treated/ Referred | | |
|---------------------|---------------|-----------------------------------|------------|-------------------------------------|--|------------|---|------------|--------------------------------|------------|--------------------------------------|-----------|-------------------------------------|--------------------------------|-------------------|--------------------------------|------------|
| | | VHW/MCHW/ FCHVs Who Treated Cases | | Total 10 Most Recent Cases Reviewed | Cases Marking with Consistent Age and Dose | | Cases Marking with Consistent Age/Dose and 3rd Day Followup | | Cases Marking 3rd Day Followup | | VHWs/MCHWs/ FCHVs Who Referred Cases | | Total 10 Most Recent Cases Reviewed | Cases Marking 3rd Day Followup | | Cases Marking 3rd Day Followup | |
| | | # | % | # | # | % | # | % | # | % | # | % | # | # | % | # | % |
| A | 105 | 87 | 83% | 682 | 669 | 98% | 611 | 90% | 609 | 89% | 3 | 3% | 13 | 5 | 38% | 614 | 88% |
| B | 241 | 187 | 78% | 944 | 925 | 98% | 869 | 92% | 866 | 92% | 15 | 6% | 27 | 23 | 85% | 889 | 92% |
| C | 23 | 16 | 70% | 108 | 95 | 88% | 71 | 66% | 72 | 67% | 6 | 26% | 14 | 4 | 29% | 76 | 62% |
| Total | 369 | 290 | 79% | 1,734 | 1,689 | 97% | 1,551 | 89% | 1,547 | 89% | 24 | 7% | 54 | 32 | 59% | 1,579 | 88% |

* 10 most recent cases

** A Districts: Jhapa, Morang, Sunsari, Makwanpur, Parsa

B Districts: Siraha, Rasuwa, Bara, Rauthat, Bajura

C Districts: Nawalparasi, Bardiya

Milestone Indicators: Marking 3rd day followup----- **88%**
 Marking consistent age and dose----- **97%**
 Marking consistent age/dose and 3rd day followup----- **89%**

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John Snow Inc./Nepal
Nepal Logistics and Child Health Support Services Project
Contract #367-C-00-97-00082-00
January 1, 2000 - March 31, 2000

| # | SERVICES | TOTAL BUDGETED AMOUNT | EXPENDITURES AS OF Dec 31, 1999 | EXPENDITURES THIS QUARTER (Jan/Feb/Mar) | REMAINING UNEXPENDED BALANCE |
|-----------------------------------|--|-----------------------|---------------------------------|---|------------------------------|
| | Integrated Logistics | \$2,617,390 | \$1,197,150 | \$136,420 | \$1,283,820 |
| | Vitamin A Deficiency Control Program | 3,707,719 | 1,883,202 | 108,417 | 1,716,100 |
| 4 | Respiratory Infection/Diarrheal D. Control Program | 2,248,232 | 942,932 | 111,990 | 1,193,310 |
| | Female Community Health Volunteer Program | 508,984 | 190,592 | 27,876 | 290,516 |
| | Traditional Birth Attendant Program | 343,439 | 95,171 | (363) | 248,631 |
| | Family Planning Program | 1,501,898 | 483,245 | 150,385 | 868,268 |
| | DOH Services Financial Section | 229,317 | 56,147 | 6,446 | 166,724 |
| | Invitational Travel | 122,867 | 34,332 | 970 | 87,565 |
| | Participant Training | | | | |
| | Equipment | 50,500 | 116,331 | 3,673 | (69,503) |
| | Nepal Field Expenditures for March, 2000 | | | 98,737 | |
| | Fixed Fee | 619,790 | 249,955 | 27,729 | 342,105 |
| Total Costs Plus Fixed Fee | | \$11,950,136 | \$5,249,056 | \$672,280 | \$6,028,799 |

Contract Modification No. 2 - Integrate budget of CLINs 300 and 400 into one CLIN 300.

**NEPAL LOGISTICS AND CHILD HEALTH SUPPORT SERVICES PROJECT
CONTRACT #367-C-00-97-00082-00**

OBLIGATION INFORMATION

CONTRACT START DATE : June 15, 1997

CONTRACT END DATE : June 14, 2002

| Period | Contract Modification # | Obligated | Estimated Period |
|--------------------|-------------------------|--------------------|--------------------|
| June 25, 1997 | Original | \$851,961 | October 30, 1997 |
| September 28, 1997 | #1 | 2,000,000 | June 15, 1998 |
| October 16, 1998 | #3 | 2,000,000 | July 31, 1999 |
| June 24, 1999 | #4 | 1,627,200 | March 31, 2000 |
| February 29, 2000 | #5 | 1,189,834 | September 30, 2000 |
| | Total Obligated | \$7,668,995 | |

| | |
|--------------------------------------|--------------------|
| Total Obligated (+) | \$7,668,995 |
| Spent a/o March 31, 2000* (-) | \$5,921,337 |
| Balance | \$1,747,658 |

| Month | Estimated Monthly Expense | Balance of Obligated Funds |
|-----------------|---------------------------|----------------------------|
| April, 2000 | \$250,000 | \$1,497,658 |
| May, 2000 | 250000 | 1,247,658 |
| June, 2000 | 250000 | 997,658 |
| July, 2000 | 250000 | 747,658 |
| August, 2000 | 250000 | 497,658 |
| September, 2000 | 250000 | 247,658 |
| October, 2000 | 250000 | (2,342) |

Note: Contract Modification No.2 - Integrate budget of CLINs 300 and 400 into one CLIN 300.

*including Nepal March, 2000 expenses.

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