

PDHAF 254

ISN-34696

9320000/53

RTI 21U-1920

October 1981

SEMI-ANNUAL REPORT: YEAR 2

1 April 1981 - 30 September 1981

INTEGRATED POPULATION-DEVELOPMENT PLANNING
Project Number AID/DSPE-C-0062

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Submitted to:

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A. Introduction

The Integrated Population and Development Planning Program (IPDP) is a USAID centrally funded project designed to assist planners in developing countries to make fuller and more effective use of demographic data in development planning and to increase their awareness of the development problems associated with rapid population growth. IPDP is a collaborative effort between the Research Triangle Institute, the prime contractor, and three subcontractors--the University of North Carolina at Chapel Hill, The Johns Hopkins University, and The Futures Group. It has been funded for a period of five years (beginning October, 1979) and is expected to carry out activities in approximately 20 countries of Africa, Asia, and the Middle East.

The actual mix of IPDP activities in each country is determined according to host country needs, as articulated by planners and USAID Missions. Potential IPDP activities include: (1) financial and technical support for research studies; (2) technical assistance to planning units and AID Missions; (3) training; and (4) conferences, seminars, and workshops. Research studies are carried out under IPDP either directly by planning units or by research organizations having established links to planners. Technical assistance is furnished directly by RTI or by one of its collaborating institutions to host-country planning units and statistical agencies, to USAID Missions and, when requested, to researchers. IPDP training can be long-term or short-term, depending on the needs of individual countries. IPDP training is usually in the fields of economics, demography and computer methods and is typically provided to staff of planning units or research organizations in conjunction with other IPDP activities. Short-term training is provided through attendance at special courses available at various universities and regional training institutions, through seminars, workshops, and conferences sponsored by IPDP, and through combined research/training visits to RTI or to one of its collaborating institutions.

B. Summary of Progress During the Past Six Months

The six-month reporting period ending September 30, 1981, has witnessed significant progress in starting up research projects and in carrying out technical assistance and training activities in a number of countries. To date, IPDP has either initiated or carried out work in the following twenty countries: Senegal, Mauritania, Liberia, Togo, Ghana, Upper Volta, Nigeria, Botswana, Zimbabwe, Rwanda, Tanzania, Sudan, Somalia, Egypt, Jordan, Turkey, Sri Lanka, Nepal, Thailand, and the Philippines. In addition, during the current reporting period, IPDP became established at RTI as an independent administrative unit, adding two more professionals to its regular staff of eight professionals and two support staff.

Research Studies

At this writing a total of thirty-three Research Proposals have been received by RTI, eight more than at the time of the previous semiannual report. Of these, one has been completed, three are fully underway and another six have been approved by RTI and AID and will be underway as soon as subcontracting formalities are completed. Fourteen proposals are currently under review and another nine have been rejected and will not be considered further.

Considerable travel was undertaken by IPDP staff during the past six months to work on proposal development.

Dr. Knowles traveled to Sri Lanka and to the Philippines in late June/early July for this purpose. In Sri Lanka he worked with the Population Division, Ministry of Plan Implementation, on two research proposals, one involving an economic evaluation of Sri Lanka's family planning program (Sri Lanka-2) and the other involving a study of the impact of the Mahaweli Settlement Scheme on fertility and mortality in one resettled region (Area H) and the implications of the projected population growth in that region on the chances of attaining the objectives of the Mahaweli Scheme (Sri Lanka-3). These proposals were reviewed and approved by AID Washington in September and subcontracts have been sent to Sri Lanka for GSL and AID Colombo approval.

While in the Philippines, Dr. Knowles discussed a proposal for a collaborative research study between Dr. Vic Paqueo of the University of

the Philippines and faculty of the Carolina Population Center (Philippines-1) with AID/Manila and staff of the National Economic Development Authority (NEDA). This proposal was subsequently strongly endorsed both by the Mission and NEDA and is scheduled for a technical review by AID/Washington during the month of October.

In September Dr. Knowles also met in Lome with investigators from Upper Volta to discuss revisions to two research proposals that had been developed initially by Karen Allen (Upper Volta-1, Upper Volta-2). Additional information on data availability and methodology were needed before these proposals could be submitted to AID Washington for technical review. It is expected that the revised proposals will be ready for AID technical review in November.

During May, Karen Allen visited Botswana to assist in developing a research study to be carried out by the Department of Nursing Education at the University of Botswana (Botswana-1). The proposed study should serve as a pilot project for a more comprehensive research program. It incorporates a small survey to gather and analyze data on attitudes towards fertility and provides training for nursing students who will carry out all phases of the research. In addition it involves The National Institute of Research and the Ministry of Health in order to insure wide dissemination and direct use of the research results. Thus, the entire project should help to build a constituency for population and development concerns in Botswana where family planning is a sensitive political issue. The proposal resulting from Ms. Allen's visit was approved by AID/Washington in early summer and a draft subcontract has been issued to the University of Botswana.

Ms. Allen also visited Burundi during this reporting period. The purpose of this visit was to discuss possible IPDP activities in Burundi and, in particular, to investigate opportunities and demand for activities to follow up the scheduled RAPID presentations. Both Mission and Burundi personnel were briefed on IPDP programs and objectives, following which attention centered upon possible persons and modalities for training related to the use of the Apple II computer to be left in Burundi after the RAPID presentations.

Karen Allen's trip to Rwanda (Kigali and Butare) in late April/early May had two purposes: 1) to work with two researchers who had submitted research proposals to IPDP (Rwanda-1, Rwanda-2); and 2) to discuss IPDP

activities in Rwanda with AID staff and with Rwandan government personnel in the National Office of Population (ONAPO) and in the Ministry of Planning. Ms. Allen returned with revised versions of both proposals, as well as with a request that IPDP send a French-speaking professor to the National University of Rwanda to teach a two-week seminar in social science research methodology. The Director-General of the Statistical Division of the Ministry of Planning asked to be invited to the next IPDP seminar. Both he and the Chief Demographer at ONAPO expressed a general interest in IPDP and thought that IPDP assistance could be useful to several demographic study projects that are still in the "drawing board" stage.

In May Dr. Elizabeth Heilman visited the Sudan to explore possible interest on the part of the Sudanese governmental and academic organizations in collaborating with IPDP. Following up this visit and at the request of AID/Khartoum, Dr. Heilman returned in September with Dr. Ismail Sirageldin of The Johns Hopkins University to develop a research proposal on migration in collaboration with the Economic and Social Research Council (ESRC), one of the main policy research bodies for the Government of Sudan. As a subject of great concern to the Sudanese government, the complex issue of migration, both external and internal, has strongly affected Sudan's socio-economic development. The draft proposal will be completed at RTI and JHU and will be submitted to AID/Washington in November.

During her visit to Egypt in May, Dr. Heilman contacted members of the Population and Family Planning Board who are involved with the Egypt-1 project, which analyzes 1979 Egyptian Fertility Survey data to determine the impact of Egypt's Population Development Project (PDP) on rural fertility. She also spoke with investigators at the International Islamic Center for Population Studies and Research, El-Azhar University who had presented a draft proposal to IPDP (Egypt-2).

Significant efforts were also made during the current reporting period to monitor and assist with research projects already underway. Work was completed on Egypt-1, and arrangements have been made with Duke University Press to publish the study as a book during the coming six months. AID/Cairo has shown great interest in the book and has agreed to purchase 600 copies. The work on Egypt-1 has been ably assisted by IPDP consultant Professor Allen Kelley of Duke University.

In April IPDP consultant Professor Warren Robinson of the Pennsylvania State University met with Nepal-1 principal investigators, M. Pandey and S. Sharma, for two days in Bombay, India, to discuss progress to date and the methodological approach to be used in the study. IPDP has since received two interim progress reports and a 66-page description of the analytical models to be used in Nepal-1, which consists of a benefit-cost study of Nepal's Family Planning Program.

In September, Dr. Heilman visited Somalia to monitor progress on Somalia-1 and to identify other possible IPDP activities in that country. Somalia-1 will examine the impact of settlement on the fertility and mortality of nomads. The study is being carried out under a subcontract between RTI and the Carolina Population Center and will build on earlier POPLABS work in that country. Although the project's start-up was delayed by about three months, both Dr. Heilman's visit and discussions held at POPLABS confirm that the work is proceeding satisfactorily.

The summary table below lists the current status of IPDP research proposals. A more detailed list of IPDP Research Proposals, giving Title, Principal Investigator, and other relevant data is given in Table 1.

SUMMARY PROPOSAL STATUS

Completed

Egypt-1

Underway

Nepal-1, Senegal-1, Somalia-1.

Approved

Botswana-1, Nigeria-1, Jordan-1, Senegal-4, Sri Lanka-2, Sri Lanka-3.

Pending

Egypt-2, Egypt-3, Egypt-4, Egypt-5, Ghana-2, Nigeria-2, Philippines-1, Rwanda-2, Senegal-2, Senegal-3, Turkey-1, Turkey-2, Upper Volta-1, Upper Volta-2.

Rejected

Ghana-1, India-1, Kenya-1, Rwanda-1, Sri Lanka-1, Syria-1, Tanzania-1, Tanzania-2, Thailand-1.

Table 1.

IPDP Proposals

Botswana-1

Title: Attitudes toward Family Size and Family Planning
Host Inst.: Univ. of Botswana, Dept. of Nursing Education
Researcher: Karuhije, Harriet
Status: Approved
Budget: \$14,545
Date Rec'd.: 81-05-XX
Period: 81-08-01 to 81-12-31 (5 months)

Egypt-1

Title: Evaluation of the Impact of Rural Development Program Interventions on Fertility
Host Inst.: Population and Family Planning Board
Researcher: Khorazaty, E.
Status: Completed
Budget: \$50,125
Date Rec'd.: 80-07-25
Period: 80-04-15 to 81-01-15 (9 months)

Egypt-2

Title: Effect of Population Growth on the Planning of Education and Health Services in Egypt
Host Inst.: Int. Islamic Center for Population Studies and Research, Al-Azhar University
Researcher: Sarhan, A.E.
Status: Revised proposal received
Budget: \$61,000p
Date Rec'd.: 80-12-03
Period: NA

Egypt-3

Title: Study of Contraceptive Discontinuance Reasons and Rates
Host Inst.: Cairo University
Researcher: Sarhan/Mustafa
Status: Revisions pending
Budget: \$47,000p
Date Rec'd.: 81-05-26
Period: NA'

p - proposed

NA - not available/not applicable

IPDP Proposals

Egypt-4

Title: Women's Employment and Fertility in a Rural-Industrial Society in Egypt
Host Inst.: Cairo University
Researcher: Sarhan/Mustafa
Status: Revisions pending
Budget: \$41,600p
Date Rec'd.: 81-05-26
Period: NA

Egypt-5

Title: Fertility Attitudes Among Newly-Wed Couples in Egypt
Host Inst.: Cairo University
Researcher: Sarhan & Mustafa
Status: Revisions pending
Budget: \$23,000p
Date Rec'd.: 81-05-26
Period: NA

Ghana-1

Title: Labor Underutilization in Ghana: The Case of the Eastern Region
Host Inst.: Carolina Population Center
Researcher: Twum-Baah, K.
Status: Rejected (RTI)
Budget: \$19,000p
Date Rec'd.: 80-08-18
Period: (12 months)

Ghana-2

Title: Regional Patterns of Employment and Labor Force Participation in Ghana
Host Inst.: Ministry of Finance and Economics
Researcher: Kwame/Boadih
Status: Initial development
Budget: \$118,618p
Date Rec'd.: 80-10-03
Period: (27 months)

IPDP Proposals

India-1

Title: Demographic Impact of Some Developmental Activities
Host Inst.: Population Institute, Lucknow
Researcher: Talwar, P.
Status: Rejected (RTI)
Budget: \$NA
Date Rec'd.: 80-08-08
Period: NA

Jordan-1

Title: Ecological Analysis of Contraceptive Prevalence in Jordan
Host Inst.: Jordan, Department of Statistics (CPC)
Researcher: Nawar, Abu
Status: Approved
Budget: \$49,837
Date Rec'd.: 81-04-17
Period: (12 months)

Kenya-1

Title: The Impact of Population Growth on Universal Primary Education in Kenya
Host Inst.: Population Studies and Research Institute, University of Nairobi
Researcher: Oucho & Ottieno
Status: Rejected (USAID)
Budget: \$40,365p
Date Rec'd.: 80-09-12
Period: (18 months)

Nepal-1

Title: Cost-Benefit Study of Fertility Decline in Nepal
Host Inst.: Integrated Development Systems, Ltd.
Researcher: Panday, D.
Status: Underway
Budget: \$34,160
Date Rec'd.: 80-07-30
Period: 81-04-01 to 82-03-31 (12 months)

IPDP Proposals

Nigeria-1

Title: Population, Employment and Living Conditions in Rapidly Growing Urban Areas
Host Inst.: University of Benin
Researcher: Sada, P.
Status: Approved
Budget: \$23,802p
Date Rec'd.: 80-11-26
Period: (12 months)

Nigeria-2

Title: Population distribution, provisions of health and education reviews in Nigeria
Host Inst.: University of Ife, Dept. of Demography and Social Statistics
Researcher: Adepoju
Status: Revisions pending
Budget: \$31,422p
Date Rec'd.: 81-07-14
Period: NA

Philippines-1

Title: Study of Contraceptive Practice, Completed Fertility and Their Determinants in the Philippines
Host Inst.: University of Philippines
Researcher: Paqueo, V.
Status: AID/Tech Review Pending
Budget: \$42,205
Date Rec'd.: 80-03-XX
Period: (24 months)

Rwanda-1

Title: Socio-psychological Behavior of the Rwandan, Relative to the Demographic Situation of Rwanda
Host Inst.: Institut Paedagogique Nationale
Researcher: Ndengejeho, P.
Status: Rejected (AID/W)
Budget: \$12,500
Date Rec'd.: 80-09-08
Period: (6 months)

IPDP Proposals

Rwanda-2

Title: Population and Rural Development in Rwanda
Host Inst.: Dept. des Sciences Sociales, U. Nationale du Rwanda
Researcher: Twagiramutara, P.
Status: Initial Development
Budget: \$11,766p
Date Rec'd.: 80-10-30
Period: NA

Senegal-1

Title: Demographic Growth and the Shift of Agricultural Labor to the Informal Sector
Host Inst.: Bureau National du Recensement
Researcher: N'Diaye, N.
Status: Underway
Budget: \$13,239
Date Rec'd.: 80-09-15
Period: 81-07-15 to 82-05-15 (10 months)

Senegal-2

Title: Migration and Employment in the Terres Neuves Project Area
Host Inst.: National Commission on Population
Researcher: Diop, A.K.
Status: Revisions pending
Budget: \$ 4,891p
Date Rec'd.: 81-01-29
Period: (6 months)

Senegal-3

Title: Spatial Analysis of Population Data for Land Use Planning.
Host Inst.: Min. de l'Urbanisme, de l'Habitat et de l'Environnement
Researcher: Thiam, M.
Status: Initial development
Budget: \$47,974p
Date Rec'd.: 80-09-XX
Period: NA

IPDP Proposals

Senegal-4

Title: Study of International Migration in Upper Senegal
Host Inst.: CREA, University of Dakar
Researcher: Cisse, Boubou
Status: Approved
Budget: \$1,575
Date Rec'd.: 81-05-15
Period: NA

Somalia-1

Title: Demographic and Socio-economic Implications of Settlement Schemes for Nomads in Somalia
Host Inst.: Settlement Development Agency, (CPC)
Researcher: Director General, SDA
Status: Underway
Budget: \$86,547
Date Rec'd.: 80-06-25
Period: 81-04-22 to 82-10-21 (18 months)

Sri Lanka-1

Title: Regional Pop. Projection Model for Sri Lanka with Applications to Education and Health Care
Host Inst.: Demographic Unit, University of Colombo
Researcher: Abeysekera, D.
Status: Rejected (RTI)
Budget: \$NA
Date Rec'd.: 80-04-15
Period: (16 months)

Sri Lanka-2

Title: Cost Effectiveness of Sri Lanka's Sterilization Program
Host Inst.: Ministry of Plan Implementation
Researcher: Wijegunasekera, D.
Status: Approved
Budget: \$6,730
Date Rec'd.: 80-06-15
Period: 81-09-01 to 82-09-30 (13 months)

IPDP Proposals

Sri Lanka-3

Title: Population Growth and Future Living Conditions in the Mahaweli Diversion Area
Host Inst.: Ministry of Plan Implementation
Researcher: Wijegunasekera, D.
Status: Approved
Budget: \$12,612
Date Rec'd.: 80-06-15
Period: 81-09-01 to 82-10-31 (14 months)

Syria-1

Title: Impact of Demographic Variables on Savings
Host Inst.: Population Studies Center; University of Aleppo
Researcher: Al-Ashkar, A.
Status: Rejected (RTI)
Budget: \$40,000p
Date Rec'd.: 80-09-XX
Period: NA

Tanzania-1

Title: Impact of Absenteeism and Labor Turnover on Production Costs in Tanzanian Industries
Host Inst.: Department of Sociology, University of Dar es Salaam
Researcher: Musoke, I.
Status: Rejected (RTI)
Budget: \$NA
Date Rec'd.: 80-05-09
Period: NA

Tanzania-2

Title: Agrarian Structures, Land-use and Pop. Growth: Effects of Pop. Growth on Food Growth
Host Inst.: Department of Sociology, University of Dar es Salaam
Researcher: Nindi, B.
Status: Rejected (RTI)
Budget: \$NA
Date Rec'd.: 80-05-10
Period: NA

IPDP Proposals

Thailand-1

Title: Demographic Impact of Rural Development Related to an Irrigation Project
Host Inst.: Institute for Population and Social Research, Mahidol University
Researcher: Prasartkul, P.
Status: Rejected (USAID Mission)
Budget: \$NA
Date Rec'd.: 80-08-08
Period: NA

Turkey-1

Title: Migration and Agricultural Employment Patterns in Selected Rural Areas
Host Inst.: Institute for Population Studies, Hacettepe University
Researcher: Uner, S.
Status: Initial Development
Budget: \$NA
Date Rec'd.: 80-06-XX
Period: NA

Turkey-2

Title: Adolescent Reproduction in Turkey
Host Inst.: Hacettepe Institute of Population Studies
Researcher: Toros, Aykut
Status: Initial development
Budget: \$22,600p
Date Rec'd.: 81-08-15
Period: NA (11 months)

Upper Volta-1

Title: Determinants of Rural-Urban Migration in Upper Volta
Host Inst.: Institut National de la Statistique et de la Demographie
Researcher: Dakuyo, Mathias
Status: Revisions pending
Budget: \$14,630p
Date Rec'd.: 81-01-05
Period: NA (12 months)

IPDP Proposals

Upper Volta-2

Title: The Impact of the AVV Resettlement Scheme on Income, Demog. Factors, Health and Education
Host Inst.: Institut National de la Statistique et de la Demographie
Researcher: Zoungrana, M.F.
Status: Revisions pending
Budget: \$21,300p
Date Rec'd.: 81-01-05
Period: (13 months)

Technical Assistance

During the second half of Year 2, IPDP has furnished technical assistance in Thailand, Tanzania, Sudan, Nepal, and Mauritania.

RTI/IPDP economist Dennis Chao first visited Thailand for six days in April. At that time he reached agreement with the Thai Ministry of Public Health and USAID/Bangkok on the objectives of a benefit-cost analysis of the National Family Planning Program of Thailand. He collected the necessary data from existing sources and agreed to complete the study by July. During his return visit in late July, Dr. Chao was accompanied by Mr. Edward W. Abel of The Futures Group, which collaborated with RTI on this activity. The results of their analyses were presented in the form of both a written report and a computer-assisted presentation. The computer, an Apple II model, was left in Thailand for further use by the Ministry of Public Health. Four Thai Health Ministry staff were trained in the use of the micro-computer and became a part of the presentation team.

Overall, presentations were made to about 120 persons, including policy makers, researchers, government officers, private family planning workers, college professors, representatives of foreign donors, and specialists from international organizations. Most of the major population-related institutions in Bangkok now have an adequate knowledge of the content of the study. As a result of the interest aroused by this study, plans are underway for a second phase to be carried out by Thai nationals; a research proposal from them is expected in the Fall of 1981.

RTI population economist Karen Allen went to Tanzania for two and one-half weeks in late August/early September to start work on and collect data for a planning model to be used at the regional and district levels. These objectives were accomplished. By early 1982 the model will have been programmed for a micro- or mini-computer after which time it will be delivered to Tanzania during a field visit in which Tanzanians will be trained to use it. The model will provide demographic projections for each district in the Arusha region integrated with seven sector models (agriculture, livestock, health, etc.) and will be used by the regional development directorate, district planning officers, and by regional representatives of national government ministries (e.g. Manpower Planning, Development Planning). In addition, four to five Tanzanians will come to RTI during Spring 1982 for training in computer programming and to work at RTI on various aspects of

the model. Finally, Allen discussed other possible IPDP projects during her visit. These may lead to IPDP sponsorship of seminars on population, some population geography research, and small-scale population surveys to collect basic demographic data.

As requested by the Department of Statistics (DOS), Ministry of Planning, Dr. Ellen Fried, RTI population sociologist, visited the Sudan (September 12-26, 1981) to assist in preparing a monograph based on the 1978 Sudan Fertility Survey. In meetings at World Fertility Survey en route to the Sudan, she learned the status of the analysis of the SFS data and of the First Country Report. While in the Sudan, she was informed that the DOS would like to use the SFS to produce a series of monographs, each focusing on a separate policy area relevant to the GOS. Current shortages of staff and computer services, caused in part by preparations for the 1982 census, led the DOS to request that IPDP staff prepare the first of these monographs. In discussions during the first week of Fried's stay, the DOS indicated that this monograph should deal with housing conditions and consumer durables. While in the Sudan, Fried prepared an outline, an analysis plan and detailed programming instructions for the monograph. Major comparative groups will be regions, rural vs. urban locations, educational levels of household heads and sizes of households. It is expected that the computer work will be carried out in London by WFS programmers, with Fried writing the monograph when the analysis results are available, probably in December, 1981.

As requested by AID/Nepal, RTI technical assistance to process and analyze data from a Nepalese household survey (the RAPT Survey) continued during this reporting period. Work to establish the nature and correspondence of data available on various magnetic tapes proceeded laboriously and with much effort because of the lack of documentation to describe the various data sets. The objectives had been to establish the quality and reliability of the data and to replicate an analysis of socioeconomic variables in relation to levels of family expenditures. Because of the difficulties in characterizing the data, no analyses have as yet been performed. Estimates of the level of effort required to complete the preparation of the data for analysis have been made and a decision as to whether to continue the work is pending.

Dr. Scott Moreland of RTI completed a first version of a long-run human resources planning simulation model for the Mauritanian Ministry of Planning. This was delivered and presented to representatives of the Ministry in September by Dr. James Knowles. It was agreed that RTI would make extensive revisions to the preliminary version, incorporating data from the newly-available RAMS project reports. Further structural development of the model will include more sophisticated submodels of health, education, employment and income distribution. In addition, further work on the economic submodel, which is based on a macro-economic model developed by Mr. Assane Diop (Ministry of Planning) and Professor André Martens (University of Montreal), will be coordinated with Professor Martens. During October, Dr. Moreland will work on the education submodel and will travel to Montreal to collaborate with Martens and Mr. Souleymane Sow (Ministry of Planning), who has been identified to work with RTI on this model. A follow-up trip to Mauritania by Dr. Moreland is scheduled for December, during which time he will work with the Ministry of Planning to produce simulations for incorporation into Mauritania's next five-year plan.

Training

In April, Karen Allen visited both Kenya and the Ivory Coast to instruct participants at two AID-sponsored Population Training Conferences for AID and contractor personnel from East, South, and West Africa. In this role she refined and demonstrated certain RAPID programs for these presentations.

As planned, Dr. Oztas Ayhan, a statistician working at the Hacettepe Institute of Population Studies (Ankara, Turkey) attended a two-month summer course on survey research techniques at the University of Michigan from late June until late August.

Also as scheduled, IPDP arranged for the attendance of Dr. A. M. N'Diaye, Director of the Organization for Research on African Food and Nutrition (ORANA) at the Twelfth International Congress on Nutrition for one week during August as well as for his visit to RTI, UNC and to The Johns Hopkins University in Baltimore.

In early September Mr. R. Muranganwi, statistician, Central Statistics Office and Miss M. Mwalo, research officer, Ministry of Manpower Planning and Development of Zimbabwe arrived in the United States to attend a three-month course in Population and Development Planning at the University of Michigan, Ann Arbor.

IPDP also assisted with training arrangements at the University of Montreal for Mr. Sadio Traore from the Directorate of Statistics, Mauritania. Although all of the necessary arrangements were made for Mr. Traore to begin a three-year degree program in economics and demography under IPDP sponsorship, UNFPA funding originally intended to support this training became available at the last minute and was therefore used in place of IPDP funding.

RTI also held discussions with the University of Pennsylvania about the possibility of using IPDP funds to support computer training for graduate students in demography from developing (mostly African) countries. These discussions led to the preparation of a proposal from the University, which was forwarded by RTI to AID Washington for consideration. No decision has yet been made on this possible use of IPDP training funds.

Conferences and Seminars

No conferences or seminars were held during the past six months, but extensive preparations were made for the Fall Seminar, which will take place in October. Dr. Ellen Fried of RTI is organizing the second IPDP Fall Seminar, which will be held October 18-29 in Baltimore in collaboration with the Department of Population Dynamics, The Johns Hopkins University. This seminar will essentially repeat the presentation of the curriculum at the previous seminar but for a completely new group of about 35 senior-level planners from developing countries. This year a number of planners from Latin America have been invited as well as groups from Africa, the Near East, and Asia. Faculty for this year's seminar will come from The Johns Hopkins University, RTI, the World Bank and from several other academic institutions and international organizations. Planning for this seminar has been underway since April and invitations were sent out at the end of June.

The workshop for Francophone participants on the use of micro-computers in planning units, which had been considered for August was not developed and implemented during this period, but may be considered for the future. Similarly, the proposed conference for Francophone African planners and researchers (originally scheduled for January, 1982) is still under consideration and will be discussed with staff from the IPDP African Field Office when they return to the United States to participate in the Fall

Seminar. Both of these planned activities, which were to be held in Lome, were postponed due to the serious illness of Didi Bamezon-Toulan, the IPDP African Regional Office Administrator.

Two seminars on the effects of migration in two regions of Upper Volta are scheduled to be held under IPDP sponsorship in November.

In conjunction with the planned publication of a book on the evaluation of the impact of rural development program interventions on fertility in Egypt (Egypt-1) plans are now being considered for holding a conference to present and discuss the results of this project in Cairo, perhaps in April or May of 1982.

As a result of visits by Dr. Chao and Dr. Knowles to Bangkok, RTI received a proposal from the Economics Faculty, Chulalongkorn University to sponsor a one-day conference on population economics research in Thailand. This proposal has already been approved by AID Washington and AID Bangkok and a subcontract is currently being prepared to provide funding for this activity.

In September, IPDP discussed with Mr. William Bair (REDSO/WA) the possibility of holding a regional seminar in West Africa on migration. This seminar, tentatively scheduled for Spring 1982, would be coordinated with an African institution and IPDP's Lome office.

C. Project Management

During the most recent six months, effort continued to develop and support the African Regional Office in Lome, Togo. The Office Administrator, Ms. Bamezon-Toulan, arranged for office furniture and guards, established bank accounts, and developed relations with commercial and governmental agencies so that the office can function effectively within the framework of Togolese institutions.

Mr. Hal Minis of RTI visited Lome for ten days in late June/early July in order to continue RTI liaison and worked particularly with the Office's Director, Dr. Peter Segbor. Mr. Minis and Dr. Segbor collaborated on an IPDP strategy for assistance in Togo. During the remainder of the summer Dr. Segbor inventoried ongoing population and population planning activities in Togo with the aim of suggesting the role that IPDP might play in that country by providing technical assistance for a multi-year population planning strategy.

During this period two additional staff joined the IPDP project: Dr. Scott Moreland, a population economist who will serve as Deputy Director of the Project and Dr. Elizabeth Heilman, a Near East specialist who will be IPDP's Regional Coordinator for that area as well as for Asia. In addition Mr. Hong Sik Ahn, a graduate student at the University of North Carolina, worked at RTI/IPDP during the summer to provide computer programming assistance in developing various models, such as those for Thailand and Mauritania.

An additional machine-readable file has been created to track the status of subcontracts and the reports and payments that are scheduled for each one. Administrative activity has continued to refine the budget reporting system and to reconcile some accounts dating from early stages of the project. A manual outlining administrative procedures related to implementing research subcontracts has been prepared for distribution to host country principal investigators so that they can carry out those procedures with a minimum of effort.

D. Subcontractor Activities

Active collaboration continued during the past six months between IPDP and its subcontractors: The Futures Group, The Carolina Population Center of the University of North Carolina at Chapel Hill, and the Department of Population Dynamics of The Johns Hopkins University.

The Futures Group completed its assistance for the computer-assisted presentation on the Sectoral Planning Implications of Rapid Population Growth in Zimbabwe at the beginning of April. Thereafter, until early August, The Futures Group supplied both computer programming and assistance in the field related to the computer-assisted presentation for Thailand on the socioeconomic implications of varying levels of support for the Family Planning Program. The Futures Group also continued its technical assistance work in Jordan with the National Planning Commission.

At The Johns Hopkins University, Dr. Sirageldin worked closely with Dr. Ellen Fried of RTI in developing the curriculum and in identifying faculty for the second IPDP Fall Seminar during this reporting period. Dr. Sirageldin also joined with RTI staff in visiting the Sudan to develop a research proposal on the impact of international migration on fertility, urbanization, and development; this task is scheduled for completion by November.

At the University of North Carolina, the task order for coordinating the research study in Somalia (Somalia-1) was started in April. Also work recommenced on developing country briefing material for IPDP travelers. A new task order was started for a research study in Jordan on the determinants of contraceptive prevalence (Jordan-1). Discussions continued with RTI over a proposed research study in the Philippines (Philippines-1).

E. Country-by-Country Summary of IPDP Activities
from Project Inception to Date

AFRICA

Botswana

Project Development

Visit of K. Allen (5/11/81-5/16/81)

Research Studies

Research study on knowledge, attitudes and practices of family planning to be carried out by the Department of Nursing Education at the University at Botswana. Subcontract sent for signing (7/81).

Technical Assistance

None to date.

Training

None to date.

Conferences and Seminars

None to date, but presentations of the results of the above research project is anticipated during the coming six months.

Future Work

Didi Bamezon to monitor the sub-contract and explore possibilities for additional IPDP activities during next six months.

Burundi

Project Development

Visit of K. Allen (4/21/81 - 4/27/81) found little prospect for research projects, but some for training.

Research Studies

None to date.

Technical Assistance

None to date.

Training

Ms. Allen offered several possibilities for training Burundi Nationals to use the Apple micro-computer including one that would involve a visit by the trainee to The Futures Group in the United States under IPDP sponsorship. As of this writing no specific proposal has evolved.

Conferences and Seminars

None to date.

Future Work

No plans at present. Mr. Rawamo Athanase of Ministry of Interior to attend Fall Seminar. Possible follow-up visit by Dr. Segbor during next six months.

Ghana

Project Development

Visits of A. S. David (11/22/79 - 11/25/79) and J. McCullough (11/1/80 - 11/13/80). Visit of E. Boadih (see below) to RTI (9/27/80 - 10/4/80).

Research Studies

Two research studies have been proposed. One of these proposals (Ghana-1) was ultimately rejected due to failure to establish necessary links to planners. The other (Ghana-2) was developed by a staff member of the Ministry of Planning (E. Boadih), who participated in both the Lome Conference and the Fall Seminar and who remained for one week at RTI after the Fall Seminar to develop the proposal at the request of AID/Accra. AID/Accra has not approved travel to finalize the proposal.

Technical Assistance

Ghana-2 involves substantial technical assistance inputs from RTI.

Training

Ghana-2 envisions one year of training for two staff members of the Ministry of Planning at an as yet undesignated university.

Conferences and Seminars

None to date.

Future Work

No further plans unless AID Mission changes its position.

Liberia

Project Development

Visit of A. S. David (11/26/79 - 11/27/79).

Research Studies

None to date.

Technical Assistance

None to date.

Training

Dr. S. M. Getaweh, University of Liberia, participated in the Lome Conference (6/9/80 - 6/12/80).

Conferences and Seminars

IPDP provided partial funding for an African regional conference (6/23/80 - 6/27/80) on The Role of Population Characteristics in the Development Strategy at the University of Liberia (Monrovia).

Future Work

Didi Bamezon-Toulan (RTI/IPDP/Lome) to visit Liberia in the next six months to develop additional project activities. Mrs. Arabella Greaves of Ministry of Health and Social Welfare and Mr. Abel Massalee of Ministry of Planning and Economic Affairs to attend Fall Seminar.

Mauritania

Project Development

Visits of J. Knowles (6/3/80 - 6/4/80, 6/24/80 - 6/26/80). Visits of J. Tomaro (10/4/80 - 10/10/80) and K. Allen (10/30/80 - 11/19/80) were requested by the USAID Mission, to develop specific projects.

Research Studies

None to date.

Technical Assistance

Visits of J. Tomaro and K. Allen. During her visit K. Allen showed RAPID to USAID Mission and Embassy staff. J. Knowles (9/13/81 - 9/19/81) delivered the preliminary version of a long-run human resources planning simulation model to the Ministry of Planning and discussed further development of the model.

Training

None to date. IPDP planning to provide up to three years of training in economics and demography to staff of Ministry of Planning.

Conferences and Seminars

None to date, but conference on model planned for December, 1982.

Future Work

Dr. Scott Moreland to visit Mauritania (12/81) to produce simulation runs for next five-year plan. Mr. Souleymane Sow from the Ministry of Planning to attend Fall Seminar and receive training at RTI (2/82). Conference on model planned for 12/82.

Nigeria

Project Development

Visit of Dr. P. Sada, University of Benin, to RTI (10/80 - 12/80) under Fullbright grant was used partially for project development.

Visit of D. Bamezon-Toulan (9/28/81-10/2/81).

Research Studies

Nigeria-1 has been approved by AID/Washington and Mission; a procedure for implementating the project is now being negotiated. Preliminary proposal for Nigeria-2 received (7/81); RTI has requested revisions by the principal investigator, Dr. Aderanti Adepoju of the University of Ife.

Technical Assistance

None to date.

Training

None to date.

Conferences and Seminars

None to date.

Future Work

Follow-up visit by RTI staff member for project development purposes expected during next six months. Mr. Joseph Olomajeye of the Ministry of National Planning to attend Fall Seminar 10/81.

Rwanda

Project Development

Visit of A. S. David (1/19/79 - 1/26/79). Visit of K. Allen (4/30/81-5/10/81).

Research Studies

Two proposals from academic researchers have been received. One has been rejected (Rwanda-1). RTI has requested and received additional information for the other proposal (Rwanda-2); AID review is expected in October.

Technical Assistance

None to date.

Training

IPDP sent one Rwandan official, Mr. T. Bizimungu, to Dakar for a training course on Mapping for Population and Housing Censuses (2/4/80 - 2/22/80). Participants to the Lome Conference (6/9/80 - 6/12/80) included A. Nyagatare, Chef de la Section "Etudes Sociales" du Bureau National d'Etudes de Projets (BUNEP) and C. Boneza, Demographer, Secretariat Permanent du Conseil Scientifique Consultatif pour les Problemes Socio-demographiques, Ministere des Affaires Sociales et du Mouvement Cooperatif. Dr. Suzanne Saulniers, a French-speaking sociologist, has been identified to teach a research methods seminar at the University of Rwanda for 2-3 weeks during the coming academic year (1981-82).

Conferences and Seminars

None to date.

Future Work

Additional training of Rwandans is anticipated under IPDP but the GOR priority in April 1981 was to achieve good utilization of the Apple II computer left in Rwanda after the RAPID presentations. Mr. Ephrem Twagirayezu of Ministry of Plan to attend Fall Seminar (10/81).

Senegal

Project Development

Visits of A. S. David (11/28/79 - 11/29/79) and J. Knowles (4/2/80 - 4/3/80) devoted entirely to project development. Subsequent visits (see below) of J. Griffith, J. Knowles, H. Minis and R. Ray also used partially for project development.

Research Studies

Project with the Bureau National du Recensement (BNR) to process and analyze 1979 Labor Force Survey data (Senegal-1) is currently under way. One additional proposal (Senegal-4) is at the contract stage. Two other proposals (Senegal-2, Senegal-3) have been tabled.

Technical Assistance

Attendance of RTI demographer J. Griffith at Senegambia Migration Conference (6/1/80 - 6/12/80) at request of USAID Mission. Participation of J. Tomaro (RTI) in USAID Mission's Joint Assessment of USAID Projects (9/14/80 - 10/4/80). Participation of J. Tomaro (1/26/81 - 3/6/81), J. Knowles (2/15/81 - 2/28/81), and RTI consultant J. LeComte (2/14/81 - 3/7/81) in the preparation of a multi-year strategy for USAID population assistance to Senegal. This report was distributed by the Mission in August 1981. RTI regional planners R. Ray (10/12/80 - 10/17/80) and H. Minis (10/13/80 - 10/17/80, 2/23/81 - 2/24/81) assisted Amenagement du Territoire with computer mapping techniques. RTI computer specialist M. Kalt assisted Mr. A. K. Diop, Executive Secretary of CONAPOP, in the analysis of survey data collected from the Terres Neuves Settlement Scheme (2/22/81 - 2/27/81).

Training

M. Ndoye (Ministere du Plan et de la Cooperation) and A. K. Diop (Secretaire Executif of CONAPOP) participated in the Lome Conference (6/9/80 - 6/12/80). A. K. Diop also attended the Fall Seminar (9/13/80 - 9/26/80). Visit of A. M. N'Diaye (7/31/81-8/12/81, 8/16/81-8/23/81 and 8/29/81 - 9/1/81) enabled him to attend the 12th International Nutrition Congress in San Diego as well as to meet with professionals at The Johns Hopkins University and at RTI and UNC.

Conferences and Seminars

None to date.

Future Work

Additional research proposals will be developed. Institutions likely to collaborate in such studies include BNR, ENEA, and ORANA. Further training and technical assistance may be provided by RTI to BNR, CONAPOP, and Amenagement du Territoire. An RTI staff member will visit Senegal to coordinate existing activities and to develop additional project work during next six months. Monsieur Faye of Ministry of Plan to attend Fall Seminar (10/81).

Somalia

Project Development

Visit of UNC demographer M. Nizamuddin (4/20/80 - 4/23/80. Visit of E. Heilman (9/27/81-10/2/81).

Research Studies

Work has begun on Somalia-1, which is to be carried out by UNC on a subcontract to RTI.

Technical Assistance

Somalia-1 involves technical assistance by UNC/POPLABS staff in survey design and data processing.

Training

H. E. Fahie, Director General, Ministry of Planning, and Awes Scek, Director of Statistics, attended the Fall Seminar (9/13/80 - 9/26/80). Somalia-1 will provide short-term training for two Somalis at UNC in data processing from May - July, 1982.

Conferences and Seminars

None to date.

Future Work

Dr. Haji Hussein Bod, Director General of Settlement Development Agency, and Mr. Aweys Haji Yusuf of Ministry of National Planning to attend 1981 Fall Seminar. Possibility of setting up a short-term training program in sampling for staff members in Central Department of Statistics within MONP who will carry out 1985 Census.

Sudan

Project Development

Visits of E. Heilman (5/16/81-5/22/81, 9/11/81-9/25/81) and visit of I. Sirageldin (9/15/81-9/21/81) to develop research proposal on migration with the Sudanese Economic and Social Research Council.

Research Studies

None to date.

Technical Assistance

Visit of E. Fried (9/11/81-9/25/81) to prepare summary monograph on the 1968 Sudan Fertility Survey (a part of World Fertility Survey).

Training

Mr. A. I. El-Iman, Director of Loans and Technical Assistance Division, Ministry of National Planning, and Mr. A. M. Lutfi, Bureau of Statistics, Ministry of National Planning, attended the Fall Seminar (9/13/80 - 9/26/80).

Conferences and Seminars

None to date.

Future Work

Dr. Omar El-Tay, Director of Department of Statistics within the MONP, and Mr. Seif El-Din Mutweli, Inspector of the Manpower Administration, within the MONP to attend Fall Seminar. Proposals from ESRC to be developed and submitted to AID for technical review.

Tanzania

Project Development

Visits of A. S. David (1/11/80 - 1/19/80) and L. MacGillivray (2/24/80 - 3/7/80). Visit of K. Allen (8/20/81-9/7/81) to initiate follow-up of RAPID presentations; possibilities were developed for population seminars, population geography research, and small-scale population surveys.

Research Studies

Two studies have been proposed by Tanzanian researchers. One (Tanzania-1) was not considered relevant to IPDP by RTI and the other (Tanzania-2) was not sufficiently detailed to permit technical evaluation.

Technical Assistance

Karen Allen (see above) established design of and collected data for a multi-sector, district-level economic-demographic model. The first draft of a Regional Planning Model for Arusha (RPMA) is now being prepared and programmed at RTI, using an Apple II computer.

Training

Participants in the Lome Conference (6/9/80 - 6/12/80) included A. H. Mkini, Manpower Planning Division, Ministry of Manpower Development and I. Sembajwe, Demographer, BRALUP, University of Dar-es-Salaam. H. Kolimba, Principal Secretary, Office of the Prime Minister, N. Shimwela, Commissioner of Macro-Economic Planning, Ministry of Planning and Economic Affairs, and A. K. Makembe, Office of the Prime Minister, attended the Fall Seminar (9/13/80 - 9/26/80).

Conferences and Seminars

None to date.

Future Work

Within the next six months, it is anticipated that someone from RTI will bring the RPMA to Tanzania, where a series of workshops will be held to get planners' inputs into the model, instruct planners in the use of the model, and initiate a regular system of updating the database and generating reports to be used in the planning process. Also in the first half of 1982, four to five Tanzanians are expected to come to RTI (two sponsored by IPDP, two or three by USAID/Tanzania) to learn demographic-economic modelling and computer programming.

Togo

Project Development

African Regional Office of IPDP opened in Lome (4/81). Staff of Lome Office expected to play leading role in developing project activities in Togo. Previous visits of A. S. David (11/18/79 - 11/21/79), J. Knowles (6/7/80 - 6/14/80, 12/14/80 - 12/19/80, 9/20/81-9/27/81) and H. Minis (9/26/80 - 10/6/80, 2/9/81 - 2/20/81, and 6/25/81-7/5/81) were utilized for either the Lome Conference or to make preparations for the Lome Office.

Research Studies

None to date.

Technical Assistance

None to date.

Training

None to date.

Conferences and Seminars

A four-day Conference consisting of planners and researchers from ten African countries was held in Lome (6/9/80 - 6/12/80). Several Togolese participated in the Conference.

Future Work

It is anticipated that IPDP research studies and training activities will be developed during the next six months. A workshop for Francophone African researchers is planned for early 1982. Mr. Sossah Kounoutchko, Director General of the National Institute of Scientific Research, to attend 1981 Fall Seminar.

Upper Volta

Project Development

Visit of K. Allen (12/8/80 - 12/20/80) was requested by USAID Mission to develop specific projects. S. Coulibaly visited AID/Washington and RTI (9/81); he will prepare a proposal to evaluate the economic and demographic impacts of the new, 10-year comprehensive health plan for Upper Volta. Mr. Dakuyo and Mr. Cissé of INSD visited Lome (9/23/81 - 9/25/81) to discuss and revise proposals with Drs. Knowles and Segbor.

Research Studies

Two research studies proposed (Upper Volta-1 and Upper Volta-2): both involve staff of the Institut National de la Statistique et de la Demographie (INSD). These proposals will be submitted for AID technical review during November.

Technical Assistance

K. Allen's visit (see above).

Training

Both proposed research studies involve two months of training in the U.S. for the principal investigators.

Conferences and Seminars

Seminars are planned for two regions of Upper Volta in November with IPDP funding. The two seminars will be held for local leaders to discuss the effects of migration in each region. These seminars will be sponsored by INSD.

Future Work

It is expected that Upper Volta-1 and Upper Volta-2 will start up during the next six months.

Zimbabwe

Project Development

Visit of J. Tomaro (1/16/81 - 1/23/81)

Research Studies

None to date.

Technical Assistance

Computer presentation on the sectoral implications of Zimbabwe's rapid population growth and migration requested by the Ministry of Planning and the USAID Mission for Zimcord meetings (3/23/81 - 3/27/81).

Travel of Futures Group economist J. Bye (3/23/81 - 3/27/81) and RTI consultant A. Kelley (3/20/81 - 3/27/81) to make presentations.

Training

R. Muranganwi of the Central Statistics Office and M. Mwalo of the Ministry of Manpower Planning and Development arrived in September (9/4/81 - 12/81) to attend a Population and Development Planning course at the University of Michigan.

Conferences and Seminars

None to date.

Future Work

Technical assistance and training expected to be the main thrust of IPDP activities. R. Muranganwi and M. Mwalo to visit RTI to plan work on a monograph on population and development in Zimbabwe (12/81). Mr. Gibson Mandishona, Director of the Central Bureau of Statistics, to attend Fall Seminar (10/81).

NEAR EAST

Egypt

Project Development

Visit of J. McCullough (3/13/81 - 3/17/81, 3/21/81 - 3/23/81) and E. Heilman (5/22/81-5/25/81).

Research Studies

Work on Egypt-1 completed with plans underway for its publication by Duke University Press in 1982. Project involves analysis of 1979 Egyptian Rural Fertility Survey data. Four additional research proposals (Egypt-2, -5) have been received; decisions on them await revisions requested by RTI and AID/Washington.

Technical Assistance

Visit of A. Kelley (11/14/80 - 11/17/80) to assist with work on Egypt-1.

Training

Drs. Khorazaty (7/15/80 - 10/3/80) and Khalifa (7/15/80 - 8/31/80), Egypt-1 principal investigators, worked at RTI.

Conferences and Seminars

A conference on the results of Egypt-1 is being considered for the Spring of 1982.

Future Work

Additional visits by RTI and JHU staff expected for further project development activities during the next six months.

Jordan

Project Development

Visits of J. Knowles (11/10/80 - 11/11/80) and M. Nizamuddin (12/17/80 - 12/19/80). Visit of Dr. B. Shrydeh, Director of Statistics, to RTI to discuss project development.

Research Studies

Jordan-1 involves research on contraceptive prevalence in Jordan by staff of the Department of Statistics in collaboration with Dr. Nizamuddin of UNC who will reside in Jordan during the 1981-82 academic year. It will be carried out under a subcontract between RTI and UNC.

Technical Assistance

Futures Group has provided technical assistance under IPDP to the National Planning Council for RAPID follow-on activities. Visits of John Stover (5/23/80 - 5/30/80, 8/15/80 - 8/20/80) and Jonathan Bye (5/23/80 - 5/30/80). IPDP will provide SPSS package to University of Jordan for the recently-acquired IBM 4341. Dr. Nizamuddin will assist in training Jordanian researchers in the use of SPSS.

Training

Dr. Yasser Sara, Economist, National Planning Council, attended the Fall Seminar (9/13/80 - 9/26/80). Naziel Masrweh of the National Planning Council visited the Futures Group (7/81) to receive training on the Apple II computer. Jordan-1 provides short-term training for two Jordanians in data processing and for two more Jordanians in demographic analysis, all at UNC.

Conferences and Seminars

None to date.

Future Work

It is expected that Dr. Heilman will visit Jordan during the next six months to develop an integrated program of activities in Jordan. Dr. Yasser Sara expected to visit the Futures Group (12/81) to receive additional training on the Apple II computer.

Turkey

Project Development

Visit of A. S. David (4/7/80 - 4/10/80). J. Knowles attended the Turkish Fertility Survey Conference (11/6/80 - 11/7/80).

Research Studies

Turkey-1, a proposal concerning research on adolescent reproduction in Turkey, was received in August and is under review.

Technical Assistance

None to date.

Training

H. Ayhan, Statistician, Hacettepe Institute of Population Studies (Ankara) attended University of Michigan's Summer Course on Survey Techniques (6/25/81 - 8/25/81).

Conferences and Seminars

None to date.

Future Work

One or two research studies with Hacettepe University are expected to develop in the next six months. A visit by Dr. Knowles for project development purposes is expected during the next six months. Mr. Tuncer Kocaman and Mr. Kutlu Savas, both of the State Planning Organization to attend 1981 Fall Seminar.

ASIA

Nepal

Project Development

Visit of A. S. David (4/12/80 - 4/23/80)

Research Studies

Work is underway on Nepal-1, a study by Integrated Development Systems, Ltd. of the benefits and costs of fertility reduction.

Technical Assistance

IPDP consultant Dr. W. Robinson (4/17/81 - 4/18/81), M. Pandey and S. Sharma (4/15/81 - 4/21/81) met in Bombay to discuss technical approach to Nepal-1. Evaluation and analysis of Rapati Region survey data being carried out by RTI at the request of USAID Mission. IPDP funds also provided, at USAID Mission request, for translation and printing of RAPID presentation booklets into Nepalese.

Training

Attendance of V. Malla and B. Mulepati, two Nepalese Government officials, at the World Fertility Survey Conference in London (7/6/80 - 7/13/80). Dr. P. Lohani, Director IDS and Member, National Development Council, and L. K. Devkota, Under Secretary, Population Commission, National Planning Commission Secretariat, attended the Fall Seminar (9/13/80 - 9/26/80).

Conferences and Seminars

None to date.

Future Work

Visit of Dr. Chao for project monitoring purposes expected during next six months. Mr. Mohan Bahadur Thapa of National Population Commission to attend Fall Seminar (10/81).

Philippines

Project Development

Visits to V. Paqueo (see below) to UNC (9/23/80 - 9/26/80). Visit of J. Knowles (7/5/81-7/9/81) to discuss Philippines-1 with AID mission and NEDA staff.

Research Studies

Philippines-1 has been endorsed by AID Mission and NEDA and is ready for AID technical review.

Technical Assistance

None to date, but some assistance in computer programming and econometric modeling expected from UNC under Philippines-1.

Training

Dr. W. Nuqui, Director, Economic Planning and Research Staff, National Economic and Development Authority (NEDA), attended the Fall Seminar (9/13/80 - 9/26/80).

Conferences and Seminars

None to date.

Future Work

IPDP may be called upon to follow up RAPID presentations or possibly to support studies that might be sought by the National Economic and Development Authority. Dr. Jose Lawas of National Economic Development Authority (NEDA) and Mr. Benjamin Leong, Regional Director, NEDA, to attend Fall Seminar.

Sri Lanka

Project Development

Visit of A. S. David (4/23/80 - 4/25/80). Visit of J. Knowles (6/22/81 - 7/1/81).

Research Studies

Two proposals (Sri Lanka-2 and Sri Lanka-3) under development with the Ministry of Plan Implementation have been approved by AID/W. Both have received the preliminary support of the USAID Mission. Subcontracts have been prepared and sent to Sri Lanka for final AID and GSL approval.

Technical Assistance

None to date.

Training

None to date.

Conferences and Seminars

None to date.

Future Work

Technical assistance to be provided by RTI in conjunction with Sri Lanka-2 and Sri Lanka-3. Mr. Wijegunasekera, Director, Population Division (MOPI), to attend Fall Seminar (10/81).

Thailand

Project Development

Visit of J. Knowles (7/1/81-7/5/81).

Research Studies

Thailand-1 received a favorable preliminary USAID technical review but USAID Mission was not interested in the study.

Technical Assistance

As a result of visits of D. Chao (4/19/81 - 4/25/81 and 7/24/81 - 8/2/81) and E. Abel (FG) (7/24/81 - 8/8/81) RTI and Futures Group developed a computer-assisted presentation showing the benefits and costs of the Thai Family Planning Program.

Training

Training was provided to Ministry of Public Health staff in use of the model during visit by E. Abel and D. Chao.

Conferences and Seminars

None to date.

Future Work

One-day conference on population economics scheduled for 12/82.

Proposal for Thai follow-up work on benefit-cost analysis expected during next six months from the Department of Economics, Chulalongkorn University. Dr. Chao is expected to visit Thailand during the next six months to complete this proposal.

F. Proposed Travel

Table 2 contains a list of all international travel projected to take place under IPDP during the next six-month reporting period (October 1, 1981 - March 31, 1982). The information in Table 2 is tentative; in some cases trips, dates, and travelers may need to be changed due to presently unforeseen circumstances.

Table 2. Proposed Travel

Name	City, Country	ETA	ETD
Moreland, Scott	Montreal, Canada	81-10-13	81-10-14
Athanase, Rwamo (BURUNDI)	Baltimore, U.S.A.	81-10-15	81-11-01
Fouad, Lahlou (MOROCCO)	Baltimore, U.S.A.	81-10-15	81-10-30
Twagirayezu, Ephrem (RWANDA)	Baltimore, U.S.A.	81-10-15	81-10-31
Ali, Muhammed (BANGLADESH)	Baltimore, U.S.A.	81-10-16	81-10-30
Faye, Abdul Qadir (SENEGAL)	Baltimore, U.S.A.	81-10-16	81-11-01
Mandishona, G. (ZIMBABWE)	Baltimore, U.S.A.	81-10-16	81-10-24
Aplicano, Rodolfo (HONDURAS)	Baltimore, U.S.A.	81-10-17	81-10-30
Bamezon-Toulan, Didi	Baltimore, U.S.A.	81-10-17	81-10-31
Bod, Haji Hussein (SOMALIA)	Baltimore, U.S.A.	81-10-17	81-10-31
Cespedes, Yolanda (PERU)	Baltimore, U.S.A.	81-10-17	81-10-30
Da Costa, Ambrose (JAMAICA)	Baltimore, U.S.A.	81-10-17	81-10-30
de Faria, Lais Cococi (BRAZIL)	Baltimore, U.S.A.	81-10-17	81-11-01
Diallo, Balla (MALI)	Baltimore, U.S.A.	81-10-17	81-11-01
El-Tay, Omar (SUDAN)	Baltimore, U.S.A.	81-10-17	81-10-30
Greaves, Arabella (LIBERIA)	Baltimore, U.S.A.	81-10-17	81-10-30
Izurieta, Anna del C. (ECUADOR)	Baltimore, U.S.A.	81-10-17	81-10-31
Lawas, Jose (PHILIPPINES)	Baltimore, U.S.A.	81-10-17	81-10-30
Leong, Benjamin (PHILIPPINES)	Baltimore, U.S.A.	81-10-17	81-11-01
Massalee, Abel (LIBERIA)	Baltimore, U.S.A.	81-10-17	81-10-30
Murray, Lorna (JAMAICA)	Baltimore, U.S.A.	81-10-17	81-10-30
Mutwali, Seif El-din (SUDAN)	Baltimore, U.S.A.	81-10-17	81-10-30
Ngallaba, S. A. M. (TANZANIA)	Baltimore, U.S.A.	81-10-17	81-11-01
Olomajeye, Joseph O. (NIGERIA)	Baltimore, U.S.A.	81-10-17	81-10-30
Segbor, Peter	Baltimore, U.S.A.	81-10-17	81-10-31
Sossah, Kounoutcho (TOGO)	Baltimore, U.S.A.	81-10-17	81-10-31
Sylvain, Herve (HAITI)	Baltimore, U.S.A.	81-10-17	81-10-30
Wongbuddha, C. (THAILAND)	Baltimore, U.S.A.	81-10-17	81-10-30
Yusuf, Aweys Haji (SOMALIA)	Baltimore, U.S.A.	81-10-17	81-10-31
de Valdez, G. F. B. (PERU)	Baltimore, U.S.A.	81-10-18	81-10-30
Kocaman, Tuncer (TURKEY)	Baltimore, U.S.A.	81-10-18	81-10-30
Salazar, Abel (HONDURAS)	Baltimore, U.S.A.	81-10-18	81-10-30
Savas, Kutlu (TURKEY)	Baltimore, U.S.A.	81-10-18	81-10-30
Sow, Souleymane (MAURITANIA)	Baltimore, U.S.A.	81-10-18	81-10-30
Thapa, Mohan Bahadur (NEPAL)	Baltimore, U.S.A.	81-10-18	81-10-30
Wijegoonasekera, D. (SRI LANKA)	Baltimore, U.S.A.	81-10-18	81-10-29
Daramola, Oludaisi (Nigeria)	Baltimore, U.S.A.	81-10-19	81-10-30
Dramola, Oludaisi (NIGERIA)	Baltimore, U.S.A.	81-10-19	81-10-30
Bamezon-Toulan, D.	Chapel Hill, U.S.A.	81-10-31	81-11-11
Segbor, Peter	Chapel Hill, U.S.A.	81-10-31	81-11-03
Heilman, Elizabeth	Cairo, Egypt	81-12-XX	81-12-XX
Heilman, Elizabeth	Amman, Jordan	81-12-XX	81-12-XX
Moreland, Scott	Nouakchott, Mauritania	81-12-XX	81-12-XX
Ragsdale, Tod	Mogadishu, Somalia	81-12-XX	82-01-XX
Bamezon-Toulan, Didi	Abidjan, Ivory Coast	81-12-01	81-12-05
Segbor, Peter	Abidjan, Ivory Coast	81-12-03	81-12-04
Allen, Karen	Dar-es-Salaam, Tanzania	82-01-XX	82-01-XX
Bamezon-Toulan, Didi	Gaborone, Botswana	82-01-XX	82-01-XX
Bamezon-Toulan, Didi	Monrovia, Liberia	82-01-XX	82-01-XX
Chao, Dennis	Kathmandu, Nepal	82-01-XX	82-01-XX

Table 2. Proposed Travel (continued)

Name	City, Country	ETA	ETD
Chao, Dennis	Colombo, Sri Lanka	82-01-XX	82-01-XX
Chao, Dennis	Bangkok, Thailand	82-01-XX	82-01-XX
Minis, Hal	Lome, Togo	82-01-XX	82-01-XX
Saulniers, Suzanne	Butare, Rwanda	82-01-XX	82-01-XX
Segbor, Peter	Dakar, Senegal	82-01-XX	82-01-XX
Segbor, Peter	Ouagadougou, Upper Volta	82-01-XX	82-01-XX
Trainee-1 (Jordan)	Chapel Hill, U.S.A.	82-01-XX	82-01-XX
Trainee-2 (Jordan)	Chapel Hill, U.S.A.	82-01-XX	82-01-XX
Segbor, Peter	Bujumbura, Burundi	82-02-XX	82-02-XX
Segbor, Peter	Kigali, Rwanda	82-02-XX	82-02-XX
Sow, Souleymanne (Mauritania)	Chapel Hill, U.S.A.	82-02-XX	82-02-XX
Mbunda, William (Tanzania)	Chapel Hill, U.S.A.	82-03-XX	82-03-XX
Tenende, Mr. (Tanzania)	Chapel Hill, U.S.A.	82-03-XX	82-03-XX

G. Contract Expenditures and Projections

Contract expenditures during this reporting period (4/1/81-9/30/81) increased to \$585,833 compared to \$489,335 during the previous reporting period (10/1/80-3/31/81). As can be seen from Table 3, contract expenditures have increased steadily over the life of the project. Despite this acceleration, expenditures during the past six months were \$122,726 under what was projected in the previous Progress Report (due to the fact that this year's Fall Seminar will be held in October rather than September, as anticipated); while total contract expenditures during the first 24 months of the project are only 78 percent of levels budgeted in the contract (Table 4).

Table 3 shows a marked increase in direct labor costs during this reporting period as compared to the preceding one (\$152,067 versus \$105,000). This reflects the continued orientation of the project toward providing labor-intensive technical assistance with somewhat reduced emphasis on training and financial support for research studies. During this reporting period, for example, \$40,278 was spent on direct labor to provide technical assistance in Senegal, Sudan, Mauritania, Tanzania, Nepal and Thailand.

Expenditures for consulting services also increased steeply during this reporting period (from \$9,711 to \$22,101). This increase reflected use of consultants in connection with technical assistance activities in Senegal, Mauritania, and Zimbabwe (in the case of Senegal and Zimbabwe the work was actually performed during the previous reporting period) and to provide support for ongoing research studies in Egypt and Nepal (Egypt-1, Nepal-1).

Expenditures on subcontracts decreased significantly during this reporting period (from \$133,986 to \$87,606). Expenditures on host country subcontracts remained low, despite the fact that a number of subcontracts have already been signed (Egypt-1, Somalia-1, Senegal-1, Nepal-1). However, expenditures on host-country subcontracts are expected to rise sharply in the next reporting period. The observed decline in expenditures on subcontracts with collaborating institutions (UNC, JHU, The Futures Group) partly reflects a greater reliance on full-time RTI/IPDP office staff for project work as compared to the first 18 months of the contract when subcontractor staff assisted with much routine project work.

Table 3. CONTRACT EXPENDITURES BY SIX MONTH REPORTING PERIODS
October 1, 1979 - September 30, 1981

Expenditure Category	ACTUAL EXPENDITURES			
	October 1, 1979- March 31, 1980	April 1, 1980- September 30, 1980	October 1, 1980- March 31, 1981	April 1, 1981- September 30, 1981
Direct Labor	50,271	79,160	105,000	152,068
On-site	47,867	70,451	104,452	147,969
Off-site	2,404	8,709	548	4,099
Indirect Technical Expense	41,144	61,538	88,889	137,856
On-site	40,687	59,883	88,785	137,078
Off-site	457	1,655	104	778
Consultants	700	4,400	9,711	22,101
Travel and Allowances	13,078	90,866	68,536	78,347
Other Direct Costs	2,891	39,818	30,087	39,252
Subcontracts	2,426	32,143	133,986	87,606
U.S. Collaborators	2,426	32,143	133,986	81,724
Host Country	0	0	0	5,882
Subtotal	110,478	307,974	436,209	517,230
OMASE	9,943	27,718	32,054	43,376
Total Expenditures	120,422	335,691	468,263	560,606
Fixed fee	5,419	15,106	21,072	25,227
TOTAL COST	125,840	350,798	489,335	585,833

Table 4. TOTAL CONTRACT EXPENDITURES COMPARED TO
BUDGETED EXPENDITURES
October 1, 1979 - September 30, 1981 (24 months)

Expenditure Category	Actual (\$)	Budgeted(\$)	Actual as Percent of Budgeted (%)
Direct Labor	386,499	309,059	125.1
On-site	370,739	264,412	140.2
Off-site	15,760	44,647	35.3
Indirect Technical Expense	329,427	233,234	141.2
On-site	326,433	224,751	145.2
Off-site	2,994	8,483	35.3
Consultants	36,912	26,460	139.5
Travel and Allowances	250,847	193,366	129.7
Other Direct Costs	112,048	58,559	191.3
Subcontracts	256,161	940,220	27.2
U.S. Collaborators	250,279	240,220	104.2
Host Country	5,882	700,000	0.1
Subtotal	1,371,894	1,760,898	77.9
OMASE	113,091	154,861	73.0
Total Expenditures	1,484,985	1,915,759	77.5
Fixed Fee	66,824	86,209	77.5
Total Cost	1,551,809	2,001,968	77.5

Table 5 contains projections of contract expenditures during the coming 6 months compared to budgeted levels from the contract. As can be seen from these projections, which are based on scheduled costs of carrying out some 40 separately budgeted activities, contract expenditures are expected to rise steeply during the coming six months (from \$585,838 during the current reporting period to \$1,083,211 during the next reporting period). The steep projected increases reflect substantial expenditures on this year's Fall Seminar (to be held in October, 1981) and sharp increases in payments to be made under subcontracts already signed or expected to be signed in coming months (involving research studies to be carried out in Senegal, Upper Volta, Botswana, Somalia, Jordan, Nepal, and Sri Lanka). The projected expenditures in Table 5 may well be on the high side, since they assume that all future activities will take place as scheduled.

Table 5. PROJECTED CONTRACT EXPENDITURES
 October 1, 1981 - September 30, 1982 (12 months)

Expenditure Category	Projected 10/1/81-3/31/82	Budgeted 10/1/81-3/31/82
Direct Labor	170,986	82,656
On-site	163,961	68,436
Off-site	7,025	14,220
Indirect Technical Expense	148,900	60,872
On-site	147,565	58,170
Off-site	1,335	2,702
Consultants	17,359	4,410
Travel and Allowances	232,019	53,323
Other Direct Costs	90,968	16,940
Subcontracts	290,746	267,650
U.S. Collaborators	182,996	67,650
Host Country	107,750	200,000
Subtotal	950,978	485,850
OMASE	85,588	42,138
Total Expenditures	1,036,566	527,988
Fixed Fee	46,645	23,760
Total Cost	1,083,211	551,748