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1 October 1981 - 31 March 1982

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's main goal is to integrate population policy into development planning so that planners are able to reinforce family planning initiatives by communicating a thorough understanding of the development implications of rapid population growth to policymakers. 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. The type of activities undertaken by IPDP are also influenced by the degree to which given countries are aware of their population problem and have taken steps to deal with it. 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 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 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 March 31, 1982, has witnessed considerable progress in carrying out activities in each of four major areas: (1) technical assistance; (2) research studies; (3) training; and (4) conferences and seminars. By far the largest and most significant activity carried out during the current reporting period was IPDP's second Fall Seminar, which brought together 34 senior planners from 25 countries to Baltimore for a two-week intensive course in the use of population data in development planning. This Seminar provided IPDP with a nearly ideal opportunity to reach its target audience with an impressive array of authorities on various population/development issues, the overall effect of which was to impress upon the participants the degree to which population is a major factor in development.

During the current reporting period, the Project's emphasis was clearly on successfully carrying out previously planned activities rather than on project development. Moreover, where new activities were developed every attempt was made to build on past activities in such a way as to maximize IPDP's total impact on the development of effective population policy in each target country. Toward this end of developing a cohesive set of integrated activities in each country, IPDP staff drafted Country Strategy Papers for the following ten countries: Mauritania, Togo, Upper Volta, Rwanda, Botswana, Tanzania, Sudan, Zimbabwe, Turkey, and Thailand. Additional such papers are being prepared for Senegal, Nigeria, Somalia, Liberia, Egypt, Jordan, Sri Lanka, and Nepal.

B.1 Technical Assistance

During the past six months, IPDP has furnished technical assistance to USAID Missions and/or host-country officials in the following fourteen countries: Mali, Mauritania, Morocco, Honduras, Botswana, Rwanda, Ivory Coast, Tanzania, Turkey, Tunisia, Jordan, Sudan, Thailand, and the Philippines.

Mali

At the request of REDSO/WA and AID/Bamako, RTI population/health planner, Dr. John Tomaro visited Bamako for two weeks in December to review the population content of the Regional Development Strategy Statement prepared by the Sahel Development Planning Team and prepared a multi-year regional population strategy for the Sahel in collaboration with Dr. Peter Knebel (USAID/SDPT) and Mr. Bill Bair (REDSO/WA).

Mauritania

As planned, Dr. Scott Moreland completed work on a human resources planning model for the Mauritanian Ministry of Plan. As requested by AID/ Nouakchott, he travelled to Montreal in October to coordinate modeling efforts with Professor Andre Martens (University of Montreal) and Mr. Souleymane Sow (Mauritanian Ministry of Plan), who were working on a medium-term macro-economic projection model. This model was subsequently incorporated into the human resources planning model.

In February, Dr. Moreland visited Mauritania for five days to deliver the current version of the planning model and to discuss further model development and training in the use of the model. The revised version of the model was well received by both the Ministry and the Mission. The Ministry was anxious to see further RTI-University of Montreal coordination and to have the model implemented on a micro-computer.

During his visit to Mauritania, Dr. Moreland delivered Karen Allen's demographic profile of Mauritania to the Mission, and they requested that IPDP have the paper translated into French for GIRM distribution.

Morocco

En route to Mauritania, Dr. Moreland visited Morocco to explore possibilities for IPDP activities in that country. During his visit he was asked by AID/Rabat to make a RAPID presentation to staff of the Government's National Institute of Statistics and Applied Economics (INSEA) in connection with the presentation to them by AID/Rabat of an Apple II computer. This was the first RAPID

presentation to be made in Morocco outside the Ministry of Health, and it was well received by staff of INSEA. It may result in IPDP being requested to develop and present a short course on demography at INSEA.

Honduras

At the request of the Honduran Ministry of Plan and USAID/Tegucigalpa, IPDP sent Dr. James McCarthy, a demographer from the Johns Hopkins University, to Honduras for two weeks in late February/early March on a needs assessment mission to analyze available demographic data and, in collaboration with the Mission and Ministry of Plan, to write a report on how these data could be most effectively used.

Botswana

At the request of AID/Gabarone and the University College of Botswana, Karen Allen went to Botswana for three weeks to assist in the development of a proposal for a broader second phase KAP study to follow-up the IPDP research study currently underway (Botswana-1). During her stay, Ms. Allen also provided technical assistance to University researchers in connection with Botswana-1 (See earlier discussion under Research Studies).

Rwanda

On her return from Botswana, and at the request of the Ministry of Plan, Ms. Allen stopped off in Kigali for two days to discuss the Ministry's request for RTI assistance in identifying, developing and providing training in the use of appropriate software for their Apple II computer. Ms. Allen also discussed possible IPDP assistance with staff of Rwanda's National Population Commission. Upon Ms. Allen's return, plans were made to provide several weeks of training at RTI in the use of the Apple computer to a Ministry of Plan staff member already in the U.S.

Ivory Coast

At the request of REDSO/WA, Ms. Didi Bamezon-Toulou spent three days in Abidjan in December reviewing the status of population policy in the Ivory Coast together with Dr. Darlene Bisson (Assistant Population Officer, REDSO/WA). IPDP Regional Office Director, Dr. Peter Segbor, also visited Abidjan (in January) to discuss plans with REDSO/WA for a possible seminar on the causes and consequences of migration in West Africa.

Tanzania

Dr. Moreland and Ms. Allen continued work on the Arusha Region economic-demographic planning model which began with Ms. Allen's trip to Tanzania in September, 1981. The model is presently being programmed on an Apple II.

Work on the model is being shared between RTI and The Futures Group. RTI has arranged for training for three Tanzanian Government officials in computer programming (a six-week course at the Control Data Institute) and in modeling (a three-week course at RTI), in connection with the development of the Arusha planning model. During their training at RTI it is planned that the three (who are currently undergoing training at CDI) will work with Moreland and Allen to finalize the model, which they will then take back with them to Tanzania for presentations at the national and regional levels.

Turkey

At the invitation of the State Planning Organization, Dr. James Knowles, spent two days in Ankara in March making plans for a two-week seminar on the use of micro-computers in planning. Dr. Knowles and an RTI computer specialist plan to return to Ankara to present the Seminar to staff of SPO during the last two weeks of May. During his stay in Ankara, Dr. Knowles also discussed with SPO plans to send three staff members to the University of Michigan to attend a one-semester course on population in development planning during the 1982 Fall Semester.

Tunisia

At the request of Dr. Lenni Kangas (AID/NE/TECH/HPN), Dr. James Knowles, IPDP Director, visited Tunis for two days in March en route to Turkey to review procedures used to establish targets for Tunisia's Family Planning Program and to explore possibilities for IPDP activities with the Ministry of Planning. As the result of Dr. Knowles' visit, RTI may be requested to provide training to Department of Statistics personnel in the use of SAS (a statistical software package) and to provide assistance to staff of the Ali Bach Hamba Institute (Ministry of Plan) in economic-demographic modeling.

Jordan

IPDP arranged and paid for the installation of the SPSS statistical software package at the University of Jordan Computer Center, after making arrangements for the Department of Statistics to have free access to the package for its own work. Arrangements were made with Dr. Nizamuddin, the principal investigator on Jordan-1 (and a UNC/CPC employee on leave in Jordan), to assist the Jordanians in the installation and use of SPSS in return for his use of the package in his own work. The Computer Center has had problems getting SPSS to run; and this has necessitated RTI acting as an intermediary between SPSS and the University of Jordan to resolve these problems (which unfortunately are not yet resolved).

During this same reporting period, The Futures Group has continued providing technical assistance (under subcontract to RTI) to the National Planning Council in the form of follow-up work to their earlier RAPID presentations. During the past six months, this work has consisted largely of assisting NPC in obtaining additional software (other than RAPID) for its Apple II computer and in providing training to NPC staff in the use of this software and of the Apple II in general.

Sudan

RTI Sociologist/Demographer Dr. Ellen Fried made arrangements with WFS, London, to produce the necessary tables to produce a monograph on housing and consumer durables based on data from the 1978 Sudan Fertility Survey. This monograph was requested by the Sudan Department of Statistics during Dr. Fried's trip to Khartoum in September, and its preparation has been endorsed by AID/Khartoum. It is planned that the monograph will be the first of several to be published by the Department of Statistics based on data from the 1978 Fertility Survey. Dr. Fried's monograph is expected to be completed by the end of May. Among the various population policy-related research questions to be examined in the monograph are whether there is a negative relationship between the ownership of consumer durables and fertility and whether there is a positive correlation between fertility and crowded living conditions.

Thailand

At the request of AID/Bangkok, Dr. Dennis Chao made several revisions to the model he and others (including staff of The Futures Group) developed to measure the benefits and costs of the Thai Family Planning Program. Dr. Chao's revisions included adding the capability to determine how much program expenditure is required to achieve a particular fertility target as well as the capability to calculate marginal benefit-cost ratios for planned increments to existing levels of program expenditures. Dr. Chao visited Bangkok in March to present the revised model to AID/Bangkok and Government of Thailand officials as well as to work on revisions to a research proposal for follow-up work on the model (Thailand-2, discussed earlier under Research Studies) and attend an IPDP-sponsored Conference on Population Economics (discussed below). A paper based on the revised Thai model will be presented at the Annual Meetings of the Population Association of America in late April.

Philippines

At the request of the National Economic Development Authority (NEDA) and AID/Manila, IPDP paid the additional travel costs for three UNC/CPC faculty members to stay on for an extra two days in Manila in December to work with NEDA on a proposal to develop, install and provide training in the use of statistical software packages for use in population economics research. The proposed technical assistance and training project provides for eight one-day training seminars to be held for NEDA and university researchers (including researchers from two regional universities--Xavier and San Carlos Universities) to familiarize them with the software. The proposal has been approved and the work is scheduled to be carried out this summer.

B.2 Research Studies

During the past six months, IPDP has received eight more host-country proposals for research studies and/or host-country seminars, bringing the total number of host-country proposals received to forty-two. The eight most recently submitted proposals were received from the following countries (with the number of proposals received in parentheses): Bangladesh (1); Ivory Coast (1); Liberia (1); Sudan (1); Thailand (1); and Togo (3). Of the forty-two proposals received to date, two have been completed, six are fully underway, and another six have been approved both by RTI and by AID and require only that subcontracts be prepared and/or signed or that the work be carried out at RTI (requiring no subcontract). Seven proposals are at varying stages of development, while four have been postponed at the request of the researcher and seventeen have been rejected at some stage of the review process, either by RTI, AID/W or by an AID Mission. The current status of all host-country proposals received to date by IPDP is summarized in Table 1 (see pages 12-23).

Several trips were undertaken by IPDP staff during the past six months to work on proposal development and/or revisions, to monitor and assist with research projects already underway, and to finalize country strategies. At the request of REDSO/WA, Ms. Didi Bamezon-Toulan, Administrator of IPDP's Lome Office, traveled to Abidjan for two days in December to review the population policy and research situation in the Ivory Coast. During this visit, Ms. Bamezon-Toulan had discussions at CIRES (Ivory Coast Center for Economic and Social Research) about possible collaboration with RTI. Following these discussions, CIRES submitted a preliminary proposal to study the home areas of rural emigrants (Ivory Coast-1); and it is expected that another proposal from CIRES dealing with infant mortality will be submitted soon.

In February, Dr. Scott Moreland, IPDP Deputy Director, visited Rabat for one week to explore possible IPDP activities in Morocco. During discussions at the Ministry of Plan and at the National Institute of Statistics and Applied Economics, interest was expressed in IPDP support in the following areas: training and technical assistance in modeling; studying the manpower/human resources requirements for Morocco over the next 15-20 years; and analyzing rural-urban migration. A research proposal from the Ministry of Plan is anticipated.

UNC Research Associate Dr. Tod Ragsdale visited Somalia in January to review progress on Somalia-1. On the same trip Dr. Ragsdale also visited Jordan to meet with Dr. Nizamuddin, the principal investigator on Somalia-1 (and Jordan-1) who is currently on leave with UNFPA in Jordan. Somalia-1 examines the impact of nomad settlement on fertility and mortality and is being carried out under a subcontract between RTI and the Carolina Population Center (CPC). During his stay in Somalia, Dr. Ragsdale worked closely with Somali officials to develop the sampling frame and survey instruments for the planned survey of resettled nomads.

In late February Dr. Elizabeth Heilman visited the Sudan to have follow-up discussions with USAID/Khartoum and with the Economic and Social Research Council (ESRC) concerning the research proposal on migration (Sudan-1) which had been drafted during the September, 1981 visit of Dr. Ismail Sirageldin of The Johns Hopkins University (JHU) and Dr. Heilman. Revisions suggested by both the Mission and by the ESRC were incorporated into the proposal. The revised proposal was submitted to AID/W for review and was subsequently approved.

While in the Sudan Dr. Heilman also discussed other possible IPDP activities, especially the possibility of developing a study on infant mortality. The Mission regards this as a top priority project and it is anticipated that a proposal on the socioeconomic determinants of infant and child mortality will be submitted to IPDP by the ESRC. The Mission was also interested in possible IPDP follow-up activities to RAPID in the Sudan.

Passing through Cairo en route to Amman, Dr. Heilman discussed with Ms. Laura Slobey of AID/Cairo the research proposal "Effect of Population Growth on the Planning of Educational and Health Services in Egypt" (Egypt-2) submitted by Dr. A. E. Sarhan of the Department of Biostatistics at Cairo University. They discussed the suggestion of Dr. Lenni Kangas (AID/NE/TECH/HPN) to have the proposal focus on implications of population growth for education on a regional basis. It was decided that since Dr. Kangas would soon be arriving in Cairo as part of an assessment team to look at the Mission's programs in Egypt and to assess the role of individual projects, it would be appropriate to have Dr. Kangas consider Egypt-2.

Dr. Heilman also distributed copies of Population and Development in Rural Egypt, which is the soon-to-be-published book on Egyptian rural fertility based on Egypt-1, and discussed a draft proposal for a seminar to be held in Egypt to disseminate the results of Egypt-1 as well as those of several other recently completed studies of fertility and contraceptive use in Egypt.

Following up on a November, 1980 visit to Amman by Dr. James Knowles, Dr. Heilman also visited Jordan for one week in March to review ongoing IPDP activities in Jordan and to discuss with Dr. Nizamuddin (CPC) progress on the research project "An Ecological Analysis of Contraceptive Prevalence in Jordan" (Jordan-1) which is being carried out under a subcontract between RTI and CPC. Dr. Heilman explored with Mission and Jordanian officials other possible IPDP activities to supplement and coordinate with Jordan-1, including possible training of Department of Statistics staff in the use of SPSS and similar computer software.

At the request of AID/Gabarone, RTI population economist Karen Allen went to Botswana for three weeks in March to provide assistance in preparing a proposal for the second stage of a research study on attitudes towards family size and family planning being carried out by the Department of Nursing Education at the University of Botswana (Botswana-1). During her visit, Ms. Allen also provided technical assistance in processing and analyzing the data collected under Botswana-1. Results of the first phase of the project, scheduled to be completed in June, will be presented at a conference in Gabarone. It is planned that Ms. Didi Bamezon-Toulan, Administrator of RTI's Regional Office in Lome, will attend the Conference and help implement the beginning of the second phase of work.

In February, Mr. N'Diappe N'Diaye, Statistician with the National Census Bureau of Senegal (BNR) and principal researcher on Senegal-1, visited RTI for two weeks to work with Dr. Knowles in analyzing data from the 1979 National Labor Force Survey. Mr. N'Diaye and Dr. Knowles used SAS to analyze data on approximately 20,000 adult urban residents in an effort to learn more about the process by which migrant labor is absorbed into the urban work force. They also carried out a multivariate analysis of the determinants of fertility (surviving children) among urban women.

During his two-day visit to Ankara in March, Dr. Knowles discussed with Dr. Aykut Toros revisions to his research proposal on adolescent fertility (Turkey-1). A revised version of the proposal has arrived at RTI and has been forwarded to AID/W for review. It is expected that the project, if approved, will commence in August.

RTI economist Dr. Dennis Chao visited Bangkok for two weeks in March to assist in revising a research proposal on a Cost-Benefit study of Thailand's National Family Planning Program (Thailand-2) with the Faculty of Economics, and to attend the Conference on Research in Population Economics (Thailand-3) at Chulalongkorn University (see discussion under Conferences and Seminars below).

SUMMARY PROPOSAL STATUS

Completed (2)

Egypt-1, Thailand-3

Funded (6)

Botswana-1, Jordan-1, Nepal-1, Senegal-1, Somalia-1, Sri Lanka-2

Approved (6)

Nigeria-1, Senegal-3, Upper Volta-1, Upper Volta-2, Upper Volta-3, Sudan-1

Under Development (7)

Liberia-1, Nigeria-2, Thailand-2, Turkey-2, Togo-1, Togo-2, Togo-3

Postponed (4)

Turkey-1, Senegal-2, Rwanda-2, Sri-Lanka-3

Rejected (17)

Bangladesh-1, Egypt-2, Egypt-3, Egypt-4, Egypt-5, Ghana-1, Ghana-2,
India-1, Ivory Coast-1, Kenya-1, Philippines-1, Rwanda-1, Sri Lanka-1, Syria-1,
Tanzania-1, Tanzania-2, Thailand-1

Table 1. IPDP Proposals

Bangladesh-1

Title: The Demographic Impact of the Companiganj Health Project
Host Inst.: Christian Commission for Development in Bangladesh (CPC)
Researcher: Chowdhury, S.
Status: Rejected
Budget: \$47,174
Date Rec'd.: 82-01-31
Dates: 82-09-01 to 84-02-29
Duration: 18

Botswana-1

Title: Attitudes toward Family Size and Family Planning
Host Inst.: Univ. of Botswana, Dept. of Nursing Education
Researcher: Kupe, Serara
Status: Funded
Budget: \$14,545
Date Rec'd.: 81-05-XX
Dates: 81-08-01 to 82-08-31
Duration: 13

Egypt-1

Title: Evaluation of Impact of Rural Development Program Interventions on Fertility
Host Inst.: Population and Family Planning Board
Researcher: Khorazaty/Khalifa/Kelly
Status: Completed (book based on study to be published by Duke University Press)
Budget: \$13,165
Date Rec'd.: 80-07-25
Dates: 80-04-15 to 81-01-15
Duration: 9

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: Rejected
Budget: \$61,000p
Date Rec'd.: 81-03-01
Dates: NA to NA
Duration: 24

IPDP Proposals

Egypt-3

Title: Study of Contraceptive Discontinuance Reasons and Rates
Host Inst.: Cairo University
Researcher: Sarhan/Mustafa
Status: Rejected (preliminary proposal)
Budget: \$47,000p
Date Rec'd.: 81-05-26
Dates: NA to NA
Duration: 30

Egypt-4

Title: Women's Employment and Fertility in a Rural-Industrial Society in Egypt
Host Inst.: Cairo University
Researcher: Sarhan/Mustafa
Status: Rejected (preliminary proposal)
Budget: \$41,600p
Date Rec'd.: 81-05-26
Dates: NA to NA
Duration: 12

Egypt-5

Title: Fertility Attitudes Among Newly-Wed Couples in Egypt
Host Inst.: Cairo University
Researcher: Sarhan & Mustafa
Status: Rejected (preliminary proposal)
Budget: \$23,000p
Date Rec'd.: 81-05-26
Dates: NA to NA
Duration: 12

Ghana-1

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

IPDP Proposals

Ghana-2

Title: Regional Patterns of Employment and Labor Force Participation in Ghana
Host Inst.: Ministry of Finance and Economics
Researcher: Kwame/Boadih
Status: Rejected
Budget: \$118,618p
Date Rec'd.: 80-10-03
Dates: NA to NA
Duration: 27

India-1

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

Ivory Coast-1

Title: Study of Rural Emigrant Home Areas in the Ivory Coast
Host Inst.: CIRES
Researcher: Aka, D.
Status: Rejected (preliminary proposal)
Budget: \$30,000p
Date Rec'd.: 82-01-15
Dates: NA to NA
Duration: NA

Jordan-1

Title: Ecological Analysis of Contraceptive Prevalence in Jordan
Host Inst.: Jordan, Department of Statistics (CPC)
Researcher: Shrydeh, Borhan
Status: Funded
Budget: \$45,443
Date Rec'd.: 81-04-17
Dates: 81-10-15 to 82-10-14
Duration: 12

IPDP Proposals

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
Budget: \$40,365p
Date Rec'd.: 80-09-12
Dates: NA to NA
Duration: 18

Liberia-1

Title: Male Part. in Fertility Regulation in Liberia and Sierra Leone: Res. and Pol. Imp.
Host Inst.: Demographic Unit, University of Liberia
Researcher: Getaweh/Campbell
Status: Revisions pending
Budget: \$33,450p
Date Rec'd.: 82-01-15
Dates: NA to NA
Duration: 18

Nepal-1

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

Nigeria-1

Title: Population, Employment and Living Conditions in Rapidly Growing Urban Areas
Host Inst.: University of Benin
Researcher: Sada, P.
Status: Funded (researcher plans to do work at RTI)
Budget: \$23,802p
Date Rec'd.: 80-11-26
Dates: NA to NA
Duration: 12

IPDP Proposals

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
Dates: NA to NA
Duration: 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: Rejected
Budget: \$79,337
Date Rec'd.: 80-03-XX
Dates: NA to NA
Duration: 24

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
Budget: \$12,500p
Date Rec'd.: 80-09-08
Dates: NA to NA
Duration: 6

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 (postponed at request of researcher)
Budget: \$11,766p
Date Rec'd.: 80-10-30
Dates: NA to NA
Duration: NA

IPDP Proposals

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: Funded
Budget: \$11,720
Date Rec'd.: 80-09-15
Dates: 81-07-15 to 82-05-15
Duration: 10

Senegal-2

Title: Migration and Employment in the Terres Neuves Project Area
Host Inst.: National Commission on Population (CONAPO)
Researcher: Diop, A.K.
Status: Revisions pending (postponed due to researcher's employment outside Senegal)
Budget: \$ 4,891p
Date Rec'd.: 81-01-29
Dates: NA to NA
Duration: 6

Senegal- 3

Title: Study of International Migration in Upper Senegal
Host Inst.: CREA, University of Dakar
Researcher: Cisse, Boubou
Status: Funded (researcher plans to do work at RTI)
Budget: \$1,575
Date Rec'd.: 81-05-15
Dates: NA to NA
Duration: 3

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: Funded
Budget: \$86,547
Date Rec'd.: 80-06-25
Dates: 81-04-22 to 82-10-21
Duration: 18

IPDP Proposals

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
Budget: \$NA
Date Rec'd.: 80-04-15
Dates: to
Duration: 16

Sri Lanka-2

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

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 by AID/W; Mission review pending (postponed one year at request of researcher)
Budget: \$12,612
Date Rec'd.: 80-06-15
Dates: 82-09-01 to 83-10-31
Duration: 14

Sudan-1

Title: The Impact of Emigration on Public Sector Productivity
Host Inst.: Economic and Social Research Council (JHU)
Researcher: Mirghani, M.
Status: Approved (JHU Task Order under preparation)
Budget: \$76,023
Date Rec'd.: 81-10-01
Dates: 82-06-01 to 84-04-30
Duration: 23

IPDP Proposals

Syria-1

Title: Impact of Demographic Variables on Savings
Host Inst.: Population Studies Center; University of Aleppo
Researcher: Al-Ashkar, A.
Status: Rejected (preliminary proposal)
Budget: \$40,000p
Date Rec'd.: 80-09-XX
Dates: to
Duration: 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 (preliminary proposal)
Budget: \$NA
Date Rec'd.: 80-05-09
Dates: NA to NA
Duration: 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 (preliminary proposal)
Budget: \$NA
Date Rec'd.: 80-05-10
Dates: NA to NA
Duration: NA

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 (preliminary proposal)
Budget: \$NA
Date Rec'd.: 80-08-08
Dates: to
Duration: NA

IPDP Proposals

Thailand-2

Title: A Follow-Up Study on Returns to Pub. Investment in Thai Nat. Fam. Plan. Program
Host Inst.: Chulalongkorn University
Researcher: Thienchay/Rachwniwan
Status: Approved by AID/W; Mission review pending
Budget: \$19,040
Date Rec'd.: 81-12-01
Dates: 82-04-01 to 83-03-31
Duration: 12

Thailand-3

Title: Conference on Research in Population Economics
Host Inst.: Faculty of Economics, Chulalongkorn University
Researcher: Thienchay, K.
Status: Completed
Budget: \$2,604
Date Rec'd.: 81-07-01
Dates: 81-12-01 to 82-04-15
Duration: 4.5

Togo-1

Title: Impact of Exodus of Adolescents and Women on Ag. Production in Center- and South-East Togo
Host Inst.: National Institute of Scientific Research
Researcher: Sossah, K.
Status: Initial Development
Budget: \$12,000p
Date Rec'd.: 81-10-31
Dates: NA to NA
Duration: 16

Togo-2

Title: The Role and Importance of Togolese Women in Ag. and Trade
Host Inst.: National Institute of Scientific Research
Researcher: Sossah, K.
Status: Initial Development
Budget: \$14,700p
Date Rec'd.: 81-10-31
Dates: NA to NA
Duration: 12

IPDP Proposals

Togo-3

Title: Population Distribution in Relation to Health and Education Services
Host Inst.: ESTEG, Universite de Benin
Researcher: Agbodan/Komlawi
Status: Initial Development
Budget: \$12,000p
Date Rec'd.: 81-11-15
Dates: 82-04-31 to 82-03-31
Duration: 12

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 (postponed at request of researcher)
Budget: \$NA
Date Rec'd.: 80-06-15
Dates: to
Duration: NA

Turkey-2

Title: Adolescent Reproduction in Turkey
Host Inst.: Hacettepe Institute of Population Studies
Researcher: Toros, A.
Status: Revisions pending
Budget: \$22,600p
Date Rec'd.: 81-08-15
Dates: NA to NA
Duration: 11

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: Approved (Subcontract sent for signing)
Budget: \$14,630p
Date Rec'd.: 81-01-05
Dates: to
Duration: 12

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: Approved (subcontract sent for signing)
Budget: \$21,300p
Date Rec'd.: 81-01-05
Dates: to
Duration: 12

Upper Volta-3

Title: Regional Seminars on the Impact of Migration
Host Inst.: Institut National de la Statistique et de la Demographie
Researcher: Coulibaly, S.
Status: Approved (Subcontract sent for signing)
Budget: \$23,245
Date Rec'd.: 81-01-05
Dates: 82-04-01 to 82-10-31
Duration: 7

B.3 Training

In December Mr. R. Mukanganwi, Statistician, Central Statistics Office and Ms. Margaret Mwalo, Research Officer, Ministry of Manpower Planning and Development, of Zimbabwe completed a three-month course in Population and Development Planning at the University of Michigan, Ann Arbor. Toward the end of their stay, Mr. Mukanganwi and Ms. Mwalo paid short visits to RTI, to discuss possible future collaboration with IPDP, and to Washington, DC, to receive some training on RAPID and to meet with USAID/CTO Dr. Sara Seims. A follow-up visit by an RTI staff member to pursue further activities in Zimbabwe is scheduled for Summer 1982.

The training component of Jordan-1 provides for short-term training for two Jordanians in data processing and for one Jordanian in demographic analysis at the University of North Carolina, Chapel Hill. As part of these plans, Mr. Fathi Al-Nsur and Mr. Hakim Yousef of the Department of Statistics arrived at UNC in January for a twelve-week training course on the use of SPSS to analyze the Jordan Fertility Survey. The third Jordanian trainee is expected to arrive at UNC in May, 1983.

As requested by AID/Nepal and by the National Population Commission (POPCOM), Mr. B. R. Bhattarai, a staff member of POPCOM, arrived in March for training in micro-computer programming. Mr. Bhattarai will spend five weeks at Control Data Institute in Arlington, Virginia, receiving training in the fundamentals of computer programming and in BASIC language programming and will then spend two weeks at RTI working with an Apple II computer and gaining familiarity with existing software.

In January, IPDP sent Dr. Suzanne Saulniers, a sociologist from Huston-Tillotson College, to Butare, Rwanda to teach a three-week course on research methodology (in French) at the National University of Rwanda. Such a course had been requested by University faculty during Karen Allen's earlier visit (May, 1981), and it was decided that IPDP should provide such training after several frustrating attempts to develop acceptable research proposals with potential Rwandan collaborators. The course was well received by both the University and AID/Kigali, and IPDP has been requested to present a similar course next year.

B.4 Conferences and Seminars

Fall Seminar

IPDP's second Fall Seminar took place during this reporting period (October 18-28) in Baltimore, Maryland. It was sponsored jointly by RTI and the Johns Hopkins University's Department of Population Dynamics. In all respects a success, it brought together 34 senior planners from 25 developing countries. A brief report on the Fall Seminar is provided as an Appendix to this report.

It is important to point out that both Fall Seminars have been an integral part of the IPDP Project. In many cases, host-country participants were already collaborating with IPDP in on-going activities. During the last Fall Seminar, for example, this was true of participants from Mauritania (Mr. Sow), Sudan (Mr. El-Tay), Somalia (Mr. Bod), Sri Lanka (Mr. Wijegunasekera), and Zimbabwe (Mr. Mandishona). Perhaps of even greater significance, the second Fall Seminar (as did the first) led almost immediately to requests for assistance or proposals from either participants themselves or from organizations they represented. This was the case in the following countries: Togo (Mr. Sossah submitted two research proposals to IPDP almost immediately after the Seminar); Honduras (a request for technical assistance was received from Mr. Salazar almost immediately after the Seminar); Haiti (IPDP has been asked to assist Mr. Hervain's Ministry in the planning and development of an economic-demographic simulation model); Nepal (IPDP received a request soon after the Seminar to provide training in the use of an Apple computer to another staff member of Mr. Thapa's organization); Rwanda (Mr. Twagirayezu requested assistance from IPDP in identifying suitable software and additional hardware for an Apple computer, as well as providing training in their use); and Turkey (a seminar on the use of micro-computers in planning was requested by Mr. Savas on behalf of SPO). Additional such requests are anticipated from Fall Seminar participants in coming months.

Migration Seminar

As a follow-up to meetings between IPDP and REDSO/WA staff in September and December, Lome Office Director Dr. Peter Segbor travelled to Abidjan in January to discuss the possibility of holding a regional conference in West Africa on migration. It was hoped that the conference would be organized for Spring 1982 by CIRES (Centre Ivoirien de Recherche Scientifique in Abidjan)

with IPDP Lome Office support. However, following discussions at CIRES it was decided to postpone the conference until 1983 due to CIRES' heavy work schedule for the remainder of 1982.

Thailand

On March 6, Dr. Dennis Chao attended an IPDP-sponsored one-day conference on Research in Population Economics in Thailand (Thailand-3). This conference, which was planned during earlier visits by Drs. Chao and Knowles to Bangkok, was organized by the Economics Faculty, Chulalongkorn University, and included over one hundred researchers and Government officials, as well as several representatives of international donor agencies. A report on the conference has already been received.

Turkey--SPO Seminar

At the invitation of Mr. Kutlu Savas, Assistant Undersecretary and Head, Social Planning Section, State Planning Organization (SPO), Dr. Knowles visited Ankara to discuss plans for IPDP to hold a seminar for SPO staff on the use of micro-computers in planning units. As a result of this visit, a two-week micro-computer seminar is planned in Ankara for the end of May.

Egypt-1 Seminar

A draft proposal for a two-day seminar in Egypt entitled "Population Research and Socioeconomic Policy in Egypt" is currently under consideration by AID/Cairo and the Egyptian Population and Family Planning Board. The purpose of the seminar, tentatively planned for October, is to present and discuss the results of the project "The Impact of Rural Development Program Interventions on Fertility in Egypt" (Egypt-1) as well as the results of several other recently completed studies of Egyptian fertility and contraceptive use.

Botswana Seminar

A conference to present the results of the research study, "Attitudes toward Family Size and Family Planning" (Botswana-1) is scheduled for June in Gabarone. It is currently planned for Ms. Didi Bamezon-Toulan, to attend this conference.

Upper Volta Migration Seminars

A subcontract under which two regional seminars on migration were to have been held this spring in Upper Volta was sent out to the Ministry of Plan (INSD) more than six months ago. Despite repeated inquiries by IPDP the subcontract has yet to be signed. The Mission blames the current political

climate for the delay (Upper Volta has experienced a major political change since the proposal was initially developed). Current plans are to have Dr. Peter Segbor visit Ouagadougou from Lome in June to expedite the signing of this subcontract (Upper Volta-3) as well as those for two recently approved research studies (Upper Volta-1, Upper Volta-2).

Togo Conference

Plans have been made by IPDP's Regional Office in Lome to sponsor a week-long conference on Population in Development Planning in cooperation with the National Scientific Research Institute. The Conference would bring Government planners and researchers together for a comprehensive review of existing population/development research in Togo, to assess the degree to which this research has been integrated into planning, and to set priorities for future research and planning in the area of population and development. The Conference was tentatively scheduled for late May, but it appears that it will now be postponed until late Summer or early Fall (although it will have to be re-scheduled in such a way as not to conflict with the Battelle Conference, which is also planned for the Fall of 1982).

C. Project Management

During the past six months, the RTI/IPDP African Regional Office in Lome, Togo has been functioning normally and has begun to assume a greater role within the Project. The Office is now fully staffed and furnished and has received all necessary clearances from the Government of Togo. It is planned that Dr. Knowles will sign the Accord du Siege with the Government of Togo during his projected visit to Lome in early June (see Proposed Travel below). The relationship of the IPDP Lome Office to AID/Lome has also been clarified. In September, when Drs. Seims and Knowles visited Lome, AID/Lome requested that the IPDP Office function as an informal clearing-house for population information in Togo and that Ms. Bamezon-Toulan brief and arrange appointments for official visitors. Ms. Bamezon-Toulan was also asked to provide the mission with quarterly reports on the status of population activities in Togo. Since that time, however, AID/Lome has received additional staff; and it will no longer be necessary for the IPDP Office to carry out the above functions on behalf of the Mission.

During the past six months the Lome Office staff has been active in establishing the administrative framework necessary to enable the Lome Office to function as an integral part of the Project. This has not been an easy task. Although postal service and telecommunications are better in Togo than in most other West African countries, they still present obstacles from time to time. The necessity to have all activities of the Lome Office, including travel, cleared through AID/W makes it impossible for the Lome Office to function as a truly independent component of the Project. To facilitate coordination with the Lome Office, Ms. Mary Scott, IPDP's Project Manager, has been assigned to provide necessary back-up to the Lome Office out of RTI/NC. Ms. Scott visited Lome for two weeks in March to lay the groundwork for such coordination as well as to plan activities for the Lome Office staff during the next six months.

During the past six months, both the Office's Director (Dr. Peter Segbor) and its Administrator (Ms. Bamezon-Toulan) attended the Fall Seminar (October 18-28) and then visited RTI for one week to discuss Project business before returning to Lome. Other travel by Lome Office staff during this reporting period has included one trip each by both Dr. Segbor and Ms. Bamezon-Toulan to Abidjan for consultations with staff of REDSO/WA.

During the same period, four research proposals have also been forwarded to RTI/NC by the Lome Office (ie., Togo-1, Togo-2, Togo-3, Ivory Coast-1). During the coming six months, it is expected that Ms. Bamezon-Toulan will travel to Liberia for project development purposes (late April), while Dr. Segbor is expected to visit Ouagadougou in June to expedite the signing of three subcontracts with the Government (ie., Upper Volta-1, Upper Volta-2, Upper Volta-3). It is also planned for Ms. Bamezon-Toulan to accompany Drs. Seims and Knowles to Lagos in early June for project development purposes and for her then to go on to Botswana to attend the Conference which will be held there to disseminate the results of Botswana-1. On her return, Ms. Bamezon-Toulan will meet Dr. Ellen Fried, RTI Sociologist/Demographer, in Zimbabwe to plan additional IPDP activities in that country. In addition to his projected visit to Upper Volta, Dr. Segbor will visit Senegal and Rwanda during the coming six months to monitor on-going IPDP activities in those countries. He will also proceed with efforts to develop suitable Project activities in Togo.

During the past six months the growing work load has made it necessary to decentralize Project management and administrative responsibilities among IPDP's core staff. Dr. Knowles' project leadership responsibilities are to be shared with IPDP Deputy Director, Dr. Moreland, who will henceforth be responsible for project activities in the following nine countries: Mauritania, Rwanda, Tanzania, Upper Volta, Morocco, Nepal, Philippines, Sri Lanka, and Thailand. In addition, each IPDP target country has been assigned to one staff member as the primary country coordinator, with another staff member as a back-up coordinator. It will be the country coordinator's responsibility to plan, carry out, coordinate and monitor all IPDP activities in a given country. Ms. Mary Scott, formerly IPDP Administrator, has been made Project Manager. Her duties include monitoring progress in all IPDP countries to insure that scheduled activities are proceeding on schedule, to coordinate RTI/NC work with the Lome Office, and to continue exercising responsibility for certain central Project functions (ie., administrative and clerical work, contract matters, and Project finances).

During the past six months, the IPDP Office has taken on one additional staff member, Ms. Cynthia Currin, who was hired to assist Ms. Scott in carrying out her significantly greater workload. In August or September it is expected that Karen Allen will be leaving RTI to return to graduate school to complete a doctorate in demography. Arrangements have been made with Dr. Dennis Chao

to increase his time commitment from half to full-time to compensate for Ms. Allen's departure. No additional staff are expected to be hired during the next reporting period.

In March, RTI was instructed by the AID Contracts Office to prepare an updated Technical Proposal and revised budget in connection with proposed shifts in emphasis to the Project's Scope of Work. These documents were prepared within ten days and forwarded to AID/W. The updated Technical Proposal documented IPDP's substantial progress to date in carrying out the tasks listed in the Contract's Scope of Work. It also explained the budgetary implications of providing much more technical assistance than was originally envisaged and of paying for the costs of host-country training out of the Project's central budget instead of through host-country subcontracts.

The revised budget (see Table 2), as expected, shows significant differences in certain line items from the originally proposed budget (these are explained in the updated Technical Proposal). It also shows a substantial scaling down of Project activities during Years IV and V (as compared to Year II and especially Year III).

Table 2. Revised Project Budget

	Year I	Year II	Year III	Year IV	Year V	TOTAL
Direct Labor						
On-Site	118,318	252,420	272,557	233,518	187,493	1,064,306
Off-Site	<u>11,113</u>	<u>4,647</u>	<u>12,071</u>	<u>12,639</u>	<u>13,018</u>	<u>53,488</u>
TOTAL	<u>129,431</u>	<u>257,067</u>	<u>284,628</u>	<u>246,157</u>	<u>200,511</u>	<u>1,117,794</u>
Indirect Technical Expense						
On-Site	100,570	225,862	245,301	210,166	168,744	950,643
Off-Site	<u>2,112</u>	<u>882</u>	<u>2,293</u>	<u>2,401</u>	<u>2,473</u>	<u>10,161</u>
TOTAL	<u>102,682</u>	<u>226,744</u>	<u>247,594</u>	<u>212,567</u>	<u>171,217</u>	<u>960,804</u>
Consultants	5,100	31,812	25,907	17,184	14,910	94,913
Travel						
U.S. Travel	6,692	9,455	16,022	4,327	3,099	39,595
Inflation Factor	<u>0</u>	<u>0</u>	<u>0</u>	<u>650</u>	<u>999</u>	<u>1,649</u>
TOTAL	<u>6,692</u>	<u>9,455</u>	<u>16,022</u>	<u>4,977</u>	<u>4,098</u>	<u>41,244</u>
International Travel	40,968	97,221	118,246	34,924	28,152	319,511
Inflation Factor	<u>0</u>	<u>0</u>	<u>0</u>	<u>5,239</u>	<u>9,079</u>	<u>14,318</u>
TOTAL	<u>40,968</u>	<u>97,221</u>	<u>118,246</u>	<u>40,163</u>	<u>37,231</u>	<u>333,829</u>
TRAVEL TOTAL	<u>47,660</u>	<u>106,676</u>	<u>134,268</u>	<u>45,140</u>	<u>41,329</u>	<u>375,073</u>
Allowances						
International Per Diem	56,303	40,206	114,799	28,025	16,889	256,222
Inflation Factor	<u>0</u>	<u>0</u>	<u>0</u>	<u>4,204</u>	<u>5,447</u>	<u>9,651</u>
TOTAL	<u>56,303</u>	<u>40,206</u>	<u>114,799</u>	<u>32,229</u>	<u>22,336</u>	<u>265,873</u>
Other Direct Costs						
Equipment	15	3,628	0	0	0	3,643
Computer	3,947	18,460	23,264	21,689	13,110	80,470
Materials	2,708	5,770	14,680	7,230	4,370	34,758
Reports and Reproduction	909	2,100	10,278	2,629	1,589	17,505
Services and Communications	33,188	34,920	75,991	25,304	15,294	184,697
Shipping and Postage	<u>1,940</u>	<u>4,466</u>	<u>9,544</u>	<u>4,491</u>	<u>2,715</u>	<u>23,156</u>
TOTAL OTHER						
DIRECT COSTS	42,707	69,344	133,757	61,343	37,078	344,229
Subcontracts						
U.S. Collaborators	28,654	211,357	234,398	79,814	25,000	579,223 ¹
Host Country	<u>5,915</u>	<u>10,236</u>	<u>103,941</u>	<u>144,424</u>	<u>41,873</u>	<u>306,389</u>
TOTAL	<u>34,569</u>	<u>221,593</u>	<u>338,339</u>	<u>224,238</u>	<u>66,873</u>	<u>885,612</u>
Total Technical Cost	418,452	953,442	1,279,292	838,858	554,254	4,044,298
OMASE (G & A)	37,661	75,433	124,116	83,886	55,425	376,521
TOTAL COST	456,113	1,028,875	1,403,408	922,744	609,679	4,420,819
FIXED FEE	20,526	46,298	63,155	41,523	27,436	198,938
TOTAL	476,639	1,075,173	1,466,563	964,267	637,115	4,619,757

¹Contains Host Country Subcontracts of \$62,338.

D. Subcontractor Activities

RTI's three subcontractors--The Futures Group, the Carolina Population Center (The University of North Carolina at Chapel Hill), and the Population Dynamics Department of the Johns Hopkins University--continued to play a major role in the work of the Project.

During the current reporting period, The Futures Group provided additional training to staff of the National Planning Council in Jordan in the use of Apple computers, assisted RTI in revising the Thai Cost-Benefit analysis model, began collaborative work with RTI on the Arusha (Tanzania) Regional Planning Model, and made a RAPID presentation and chaired one session (on economic-demographic modeling) at the second Fall Seminar.

The Population Dynamics Department of JHU assisted RTI in planning for and hosting the Fall Seminar (which was held in Baltimore), provided faculty members to teach six sessions of the Fall Seminar, as well as two research assistants to take notes and prepare a report on each seminar session. In addition, Dr. Sirageldin prepared a paper on international migration and population policy which was presented at the Fall Seminar. Dr. Sirageldin also assisted RTI in revising the draft proposal on the impact of international migration on public sector productivity in the Sudan (Sudan-1). JHU also provided Demographer Dr. James McCarthy for a two-week technical assistance mission to Honduras.

The Carolina Population Center continued work on two subcontracts, Somalia-1 and Jordan-1. Under Jordan-1, two Jordanian staff members of the Department of Statistics were trained for two months at CPC in the use of SPSS (Statistical Package for the Social Sciences). During this reporting period, CPC also prepared and submitted several research and technical assistance proposals, one of which was approved--involving technical assistance to the Philippine National Economic Development Authority (NEDA) in statistical software installation and training.

E. Proposed Travel

Table 3 contains a list of all international travel undertaken during the current reporting period, while Table 4 contains a list of all international travel projected to take place under IPDP during the next six month reporting period (April 1, 1982 - September 30, 1982). The information in Table 4 is tentative; in some cases trips, dates, and travelers may need to be changed due to presently unforeseen circumstances.

Completed International Travel During Current Reporting Period:
November 1, 1981-March 31, 1982

Name	City, Country	ETA	ETD
Bamezon-Toulan, D. (RTI/Lome)	Lagos, Nigeria	81-09-28	81-10-04
Moreland, Scott	Montreal, Canada	81-10-13	81-10-14
Athanase, Rwamo (Burundi)	Baltimore, U.S.A.	81-10-15	81-11-01
Lahlou, Fouad (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, D. (RTI/Lome)	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 C. (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
Izurietta, Anna (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 (RTI/Lome)	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
Bamezon-Toulan, D. (RTI/Lome)	Chapel Hill, U.S.A.	81-10-31	81-11-11
Segbor, Peter (RTI/Lome)	Chapel Hill, U.S.A.	81-10-31	81-11-03
Tomaro, John	Dakar, Senegal	81-11-29	81-11-30
Tomaro, John	Bamako, Mali	81-12-01	81-12-20
Tomaro, John	Abidjan, Ivory Coast	81-12-17	81-12-18
Bamezon-Toulan, D. (RTI/Lome)	Abidjan, Ivory Coast	81-12-02	81-12-04
Ragsdale, Tod (CPC)	Mogadishu, Somalia	81-12-31	82-01-23
Ragsdale, Tod (CPC)	Amman, Jordan	82-01-24	82-01-31
Saulniers, S. (Consultant)	Butare, Rwanda	82-01-05	82-01-29
Al-Nsour, Fathi (Jordan)	Chapel Hill, U.S.A.	82-01-17	82-04-17
Yousef, Hickmat (Jordan)	Chapel Hill, U.S.A.	82-01-17	82-04-17
N'Diaye, N'Diappe (Senegal)	Chapel Hill, U.S.A.	82-02-01	82-02-15

Table 3 (continued).

Name	City, Country	ETA	ETD
Segbor, Peter (RTI/Lome)	Abidjan, Ivory Coast	82-01-28	82-01-30
Stover, John (TFG)	Amman, Jordan	82-02-14	82-02-18
Moreland, Scott	Rabat, Morocco	82-02-15	82-02-22
Moreland, Scott	Nouakchott, Mauritania	82-02-22	82-02-26
Heilman, Elizabeth	Khartoum, Sudan	82-02-16	82-02-22
Heilman, Elizabeth	Cairo, Egypt	82-02-22	82-02-27
Heilman, Elizabeth	Amman, Jordan	82-02-27	82-03-06
McCarthy, Jim (JHU)	Tegucigalpa, Honduras	82-02-21	82-03-06
Chao, Dennis	Bangkok, Thailand	82-03-05	82-03-21
Scott, Mary	Lome, Togo	82-02-26	82-03-12
Minis, Hal	Lome, Togo	82-02-26	82-03-06
Allen, Karen	Gaborone, Botswana	82-03-01	82-03-21
Allen, Karen	Kigali, Rwanda	82-03-22	82-03-23
Allen, Karen	Nairobi, Kenya	82-03-23	82-03-25
Bhattarai, B. R. (Nepal)	Arlington, VA, U.S.A.	82-03-06	82-04-16
Bhattarai, B. R. (Nepal)	Chapel Hill, U.S.A.	82-04-16	82-05-01
Knowles, Jim	Tunis, Tunisia	82-03-08	82-03-09
Knowles, Jim	Ankara, Turkey	82-03-11	82-03-12

Table 4.
Proposed International Travel: April 1-September 30, 1982

Name	City, Country	ETA	ETD
Knowles, James	Ankara, Turkey	82-05-17	82-05-28
Knowles, James	Lome, Togo	82-05-30	82-06-06
Knowles, James	Lagos, Nigeria	82-06-06	82-06-11
Moreland, Scott	Port-au-Prince, Haiti	82-05-XX	82-05-XX
McMaster, Larry (RTI)	Ankara, Turkey	82-05-17	82-05-28
Sirageldin, Ismail (JHU)	Khartoum, Sudan	82-07-XX	82-07-XX
Akin, John (CPC)	Manila, Philippines	82-08-XX	82-08-XX
Guilkey, David (CPC)	Manila, Philippines	82-08-XX	82-08-XX
Bass, Jeff (CPC)	Manila, Philippines	82-08-XX	82-08-XX
Fried, Ellen	Salisbury, Zimbabwe	82-06-XX	82-06-XX
Fried, Ellen	Khartoum, Sudan	82-06-XX	82-06-XX
Scott, Mary	Lome, Togo	82-08-XX	82-08-XX
Bamezon-Toulan, Didi	Monrovia, Liberia	82-04-30	82-05-08
Bamezon-Toulan, Didi	Salisbury, Zimbabwe	82-06-XX	82-06-XX
Bamezon-Toulan, Didi	Lagos, Nigeria	82-06-06	82-06-11
Bamezon-Toulan, Didi	Gaborone, Botswana	82-06-XX	82-06-XX
Simmons, G. (Consultant)	Colombo, Sri Lanka	82-07-XX	82-07-XX
Simmons, G. (Consultant)	Kathmandu, Nepal	82-07-XX	82-07-XX
Cisse, Boubou (Senegal)	Chapel Hill, NC	82-05-03	82-05-21
Mtui, Alphoncine (Tanzania)	Arlington, VA	82-04-18	82-05-31
Mtui, Alphoncine (Tanzania)	Chapel Hill, NC	82-05-31	82-06-15
Mkini, Alphonse (Tanzania)	Arlington, VA	82-04-18	82-05-31
Mkini, Alphonse (Tanzania)	Chapel Hill, NC	82-05-31	82-06-15
Lwelamila, A. J. (Tanzania)	Arlington, VA	82-04-30	82-05-31
Lwelamila, A. J. (Tanzania)	Chapel Hill, NC	82-05-31	82-06-15
Trainee (Jordan)	Chapel Hill, NC	82-05-XX	82-05-XX
Segbor, Peter	Ouagadougou, Upper Volta	82-06-XX	82-06-XX
Segbor, Peter	Dakar, Senegal	82-07-XX	82-07-XX
Segbor, Peter	Kigali, Rwanda	82-08-XX	82-08-XX
Sada, Pius (Nigeria)	Chapel Hill, NC	82-07-XX	82-07-XX
Sow, S. (Mauritania)	Chapel Hill, NC	82-08-XX	82-08-XX
Bhattarai, Basanta (Nepal)	Chapel Hill, NC	82-04-17	82-05-01
Ragiale, Tod (CPC)	Mogadishu, Somalia	82-05-XX	82-05-XX
Adlaka, Arjun (CPC)	Mogadishu, Somalia	82-05-XX	82-05-XX
Trainee I (Somalia)	Chapel Hill, NC	82-07-XX	82-09-XX
Trainee II (Somalia)	Chapel Hill, NC	82-07-XX	82-09-XX
Nizamuddin, M. (Jordan)	Chapel Hill, NC	82-05-XX	82-05-XX

F. Summary of IPDP Activities in Target Countries
from Project Inception to Date

AFRICA

Botswana

Project Development

Visit of K. Allen (5/10/81-5/23/81) at request of AID/Gabarone to develop a research proposal (Botswana-1) with the University College of Botswana, Department of Nursing Education. Second visit of Karen Allen to Gabarone to develop proposal for follow-up study to Botswana-1 (3/1/82-3/21/82).

Research Studies

Subcontract (Botswana-1) in progress with UCB for study of "Attitudes Toward Family Size and Family Planning." Project coordinator is Pia du Pradal, principal investigator is Serara Kupe. First Progress Report received.

Technical Assistance

A selected bibliography for Botswana-1 was prepared by RTI and sent to the UCB at their request. Karen Allen provided assistance in developing follow-up proposal and with processing of data collected under Botswana-1.

Training

None to date.

Conferences and Seminars

One planned for 6/82 to present results of Botswana-1.

Future Work

D. Bamezon-Toulan plans to attend Conference on Botswana-1 (6/82). IPDP will consider a request to assist in data processing and analysis with training component from the Ministry of Health and the Central Statistics Office.

Liberia

Project Development

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

Research Studies

Liberia-1 has received preliminary review by RTI and AID/W (1/82). Letter requesting revisions based on RTI and AID/W reviews sent 3/82.

Technical Assistance

None to date.

Training

Dr. S. M. Getaweh, University of Liberia, participated in the Lome Conference (6/9/80 - 6/12/80). Mrs. Arabella Greaves of Ministry of Health and Social Welfare and Mr. Abel Massalee of Ministry of Planning and Economic Affairs attended 1981 Population-Development Planning Seminar (10/81).

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 (4/82) to develop additional project activities.

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 as requested by Mission. During her visit, K. Allen laid plans for IPDP development of a human resources planning model at the request of the Ministry of Plan. J. Knowles (9/13/81 - 9/19/81) delivered the preliminary version of the model to the Ministry of Plan and discussed further development of the model. Model subsequently revised at RTI. Moreland (2/22/82-2/26/82) delivered revised version of model and implemented it on local computer. Revised version well received. Ministry has requested that model be implemented on micro-computer. Mission requested that K. Allen's paper on demographic profile of Mauritania be translated into French for GIRM distribution.

Training

Souleymanne Sow, Ministry of Plan, attended 1981 Population-Development Planning Seminar (10/81). IPDP planning to provide up to three years of training in economics and demography to staff of Ministry of Plan.

Conferences and Seminars

K. Allen presented RAPID to USAID Mission and GIRM during her visit (11/80). Conference on human resources model planned for December, 1982.

Future Work

Ministry has requested that IPDP coordinate with RAMS contractor Checchi and Company (who have been hired by Mission to deliver microcomputer to GIRM) about possibility of implementing model on microcomputer. Sow training scheduled for Spring 1982 may be delayed pending decision in this regard. Conference on model planned for late 1982 to coincide with release of results from the 1980 Mauritanian Fertility Survey.

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. D. Bamezon-Toulan (9/28/81-10/2/81) accompanied AID/CTO Dr. Sara Seims on an exploratory visit.

Research Studies

Nigeria-1 has been approved by AID/Washington and Mission; Dr. Sada is expected to come to RTI (Summer 1982) to carry out analysis. Preliminary proposal for Nigeria-2 received (7/81); RTI has requested revisions from the principal investigator, Dr. Aderanti Adepoju of the University of Ife.

Technical Assistance

None to date.

Training

Mr. Joseph Olomajeye of the Ministry of National Planning and Mr. Oludaisi Daramola of the National Population Commission attended 1981 Population-Development Planning Seminar (10/81).

Conferences and Seminars

None to date.

Future Work

Follow-up visit by Dr. Knowles and D. Bamezon-Toulan to accompany Dr. Seims (AID/CTO) for project development purposes planned (6/82).

Rwanda

Project Development

Visits of A. S. David (1/19/79 - 1/26/79), K. B. Allen (4/28/81-5/9/81 and 3/22/82-3/23/82) .

Research Studies

Two proposals were received from academic researchers. One was rejected (Rwanda-1) and one was postponed due to increased work load of the principal investigator (3/82).

Technical Assistance

Consultant Suzanne Saulniers taught a course in research methodology at the National University of Rwanda 6-27 January 1982. RTI/IPDP requested by Mr. Twagirayezu of Plan to provide technical assistance in data management and analysis on microcomputers (2/82).

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, ONAPO. M. E. Twagirayezu, Chief of Statistics, attended the 1981 Population-Development Planning Seminar (10/81) in Baltimore.

Conferences and Seminars

None to date.

Future Work

IPDP considering requests from ONAPO and from the University for technical assistance and training. IPDP planning to train staff member of the Statistics Bureau on the Apple Computer after he completes another course at the U.S. Census Bureau. Dr. Segbor to visit Rwanda during next six months to develop additional projects and monitor on-going technical assistance and training activities.

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-3) has been approved, the work on which will be carried out at RTI. Senegal-2 has been postponed since its principal investigator (A. K. Diop) is currently out of Senegal working for the UN in Cameroon.

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 CONAPO, in the analysis of survey data collected from the Terres Neuves Settlement Scheme (2/22/81 - 2/27/81). N'Diappe N'Diaye, BNR, (Senegal-1) spent two weeks at RTI in February 1982 to work with J. Knowles on data analysis.

Training

M. Ndoye (Ministere du Plan et de la Cooperation) and A. K. Diop (Secrétaire Executif of CONAPO) participated in the Lome Conference (6/9/80 - 6/12/80). A. K. Diop also attended the 1980 Fall Seminar (9/13/80 - 9/26/80). Visit of A. M. N'Diaye, Director of ORANA, (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, RTI and UNC. Mr. Abdul Faye, Executive Secretary CONAPO, attended 1981 Population-Development Planning Seminar (10/81).

Conferences and Seminars

None to date.

Future Work

Additional research proposals may 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 and CONAPO. Dr. Segbor to visit Senegal to coordinate existing activities and to develop additional project work during next six months. Boubou Cisse (Senegal-3) to come to RTI to work on data analysis (May 1982).

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: UNC Task Order #8--RTI/UNC Project of Demographic and Socioeconomic implications of Settlement Schemes for the Nomad Population in Somalia. Several progress reports already received.

Technical Assistance

Somalia-1 involves technical assistance by UNC/POPLABS staff in survey design and data processing. In this capacity Dr. Tod Ragsdale visited Somalia (12/31/81-1/16/82).

Training

H. E. Fahie, Director General, Ministry of Planning, and Awes Scek, Director of Statistics, attended the 1980 Fall Seminar (9/13/80 - 9/26/80). Dr. Haji Hussein Bod, Director General of Settlement Development Agency,

and Mr. Aweys Haji Yusuf of Ministry of National Planning attended the 1981 Population-Development Planning Seminar (10/81). Somalia-1 will provide short-term training in data processing for two Somalis at UNC from July-September, 1982.

Conferences and Seminars

Conference planned to disseminate findings of Somalia-1.

Future Work

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. Drs. Ragsdale and Adlaka (CPC) to visit Somalia to assist in survey fieldwork and training (5/82). Two Somali trainees to UNC (7/82-9/82).

Sudan

Project Development

Visits of E. Heilman (5/16/81-5/22/81, 9/11/81-9/25/81, 2/16/82-2/22/82) and visit of I. Sirageldin (9/15/81-9/21/81) to develop research proposal (Sudan-1) on migration with the Sudanese Economic and Social Research Council.

Research Studies

Sudan-1 approved (4/82). IPDP was asked by AID/Khartoum to explore possibility of another research study on infant mortality and fertility.

Technical Assistance

Visit of E. Fried (9/11/81-9/25/81) to prepare monograph on the 1978 Sudan Fertility Survey (a part of World Fertility Survey). Monograph expected to be completed at end of 5/82.

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 1980 Fall Seminar (9/13/80 - 9/26/80). Dr. Omer El-Tay, Director of Department of Statistics within the MONP, and Mr. Seif El-Din Mutwali, Inspector of the Manpower Administration, within the MONP attended the 1981 Population-Development Planning Seminar (10/81).

Conferences and Seminars

Conference planned to disseminate results of Sudan-1.

Future Work

Additional proposal from ESRC to be developed and submitted to AID for technical review. Ellen Fried to write draft monograph on housing conditions based on 1978 SFS and to visit the Sudan to discuss her report (6/82).

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 (8/19/81-9/17/81) to initiate follow-up of RAPID presentations.

Research Studies

Two preliminary research proposals have been received from 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. No response received to request for additional information.

Technical Assistance

Karen Allen established design of and collected data for a multi-sector, district-level economic-demographic model. Scott Moreland, Karen Allen and John Stover of the Futures Group are developing a Regional Planning Model for Arusha to be run on an Apple-II micro-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 1980 Fall Seminar (9/13/80 - 9/26/80). The 1981 Population-Development Planning Seminar (10/81) participant was S. Ngallaba from the Bureau of Statistics.

Conferences and Seminars

K. Allen presented RAPID in Arusha (9/81). Several seminars planned for computer-assisted presentations of regional planning model.

Future Work

Three Tanzanians will be coming to the USA for training in BASIC programming and economic-demographic modeling from April 18 through the beginning of June. They will be at Control Data Institute in Virginia for 5-6 weeks and at RTI for two weeks. They will collaborate with RTI staff on the Arusha Regional Planning Model and take the model back with them for national and regional presentations at the end of their visit.

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. M. Scott visit (2/26/82-3/12/82) developed agenda for regional activities of Segbor and Bamezon-Toulou. H. Minis (2/26/82-3/6/82) assisted Segbor in development of IPDP projects in Togo.

Research Studies

Three research proposals have been submitted for IPDP consideration. The first, "The Relationship of Population Distribution and Social Service Availability (Togo-3)," was submitted by the Department of Applied Economics and Management at the University of Benin. Dr. Sossah, Director of the National Scientific Research Institute has submitted two proposals. "The Impact of the Exodus of Adolescents and Women on Agricultural Production in the Center-east and Southeast of Togo (Togo-1)," and "The Role and Importance of Togolese Women in Agriculture and Trade (Togo-2)." All proposals have been sent to Dr. Segbor for review and further development.

Technical Assistance

None to date.

Training

Dr. K. Sossah, Director of the National Scientific Institute, Ministry of Higher Education, attended the 1981 Population-Development Planning Seminar (10/81) in Baltimore. Dr. Segbor and Ms. Bamezon-Toulan, both Togolese nationals, also attended this Seminar.

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. Dr. Segbor has planned a conference for late summer (1982) bringing together Togolese and international agencies involved in population and development planning. It will include discussions of population trends and impacts on development and will recommend ways of improving communication and coordination among researchers and planners.

Future Work

With Assistant Statistics Director Bouranma, Minis and Segbor discussed possible assistance to Statistics Division in the analysis of an infant mortality survey in the Lome area. Minis and Segbor also talked with Sid Bliss, USAID/Togo, about assistance in developing a population impact evaluation of the multi-bilaterally funded Kara resettlement project for which USAID is supplying the animal traction inputs.

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. Cisse of INSD visited Lome (9/23/81 - 9/25/81) to discuss and revise proposals (Upper Volta-1, Upper Volta-2) with Drs. Knowles and Segbor.

Research Studies

Two approved research studies (Upper Volta-1 and Upper Volta-2) involve staff of the Institut National de la Statistique et de la Demographie (INSD). Draft subcontracts have been sent to Mission/Ouagadougou (4/82).

Technical Assistance

K. Allen provided assistance, as requested by AID/Ougadougou, to prepare two research proposals (12/80).

Training

M. Francois Zoungrana, Director of Planning, and Mr. Celestin Bado, Ministry of Plan, attended the 1980 Fall Seminar. Both proposed research studies (Upper Volta-1, Upper Volta-2) will involve two months of combined research and training at RTI for the principal investigators.

Conferences and Seminars

Seminars are planned for two regions of Upper Volta in Summer (1982) with IPDP funding (Upper Volta-3). The two seminars will be held for local leaders to discuss the effects of migration in each region. These seminars will be organized by INSD.

Future Work

It is expected that Upper Volta-1 and Upper Volta-2 will start up during the next six months. Dr. Segbor is expected to visit Upper Volta to assist with planning of seminars and research studies (6/82).

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. Mukanganwi of the Central Statistical Office and M. Mwalo of the Ministry of Manpower Planning and Development attended a Population and Development Planning course at the University of Michigan (9/4/81 - 12/81). Mr. Gibson Mandishona, Director of the Central Statistical Office attended Fall Seminar (10/81).

Conferences and Seminars

Kelley and Bye gave several seminars on the Zimbabwe presentation at the time of the Zimcord meetings (3/81).

Future Work

Technical assistance and training expected to be the main thrust of IPDP activities. Possible funding of and assistance in preparation of monograph on Population and Development in Zimbabwe with Central Statistical Office. Possible seminar on uses of microcomputers in planning. Dr. Ellen Fried and Ms. Bamezon-Toulan to visit Zimbabwe (6/82) to explore these and other possible future IPDP activities.

NEAR EAST

Egypt

Project Development

Visits of J. McCullough (3/13/81 - 3/17/81, 3/21/81 - 3/23/81) and E. Heilman (5/22/81-5/25/81, 2/22/82-2/27/82).

Research Studies

Egypt-1, Population and Development in Rural Egypt (Egypt-1), by Kelley/Khalifa/ El-Khorazaty in completed form. Will go to Duke University Press for publication as a book by February 1982. Based on discussions with AID/W, 4/23/82, Egypt-2 will not be funded; however, Lenni Kangas suggested possible collaborative work with Dr. Sarhan might focus on the pressing issues of food supply, urban growth, housing, population distribution/redistribution, and employment. Preliminary research proposals for Egypt 3-5 were also rejected (4/82).

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 with Dr. Kelley..

Conferences and Seminars

Conference to discuss Egypt-1 results planned for 9/82.

Future Work

Continue preparations for Conference planned for 9/82 and explore Dr. Sarhan's interest in developing proposals along lines mentioned above.

Jordan

Project Development

Visits of J. Knowles (11/10/80 - 11/11/80) and M. Nizamuddin (12/17/80-12/19/80). Visit of E. Heilman (2/27/82-3/6/82). Visit of Dr. B. Shrydeh, Director of Statistics, to RTI (5/81) to discuss project development.

Research Studies

Jordan-1, which is mainly a training activity carried out under a subcontract between RTI and UNC, involves research on contraceptive prevalence in Jordan by staff of the Department of Statistics in collaboration with Dr. Nizamuddin of UNC who is in Jordan during the 1981-82 academic year.

Technical Assistance

Futures Group has provided technical assistance under IPDP to the National Planning Council for RAPID follow-up activities. Visits of John Stover (5/23/80 - 5/30/80, 8/15/80 - 8/20/80, 2/14/82-2/18/82) and Jonathan Bye (5/23/80 - 5/30/80). IPDP has provided 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. Yaser Sara, Economist, National Planning Council, attended the 1980 Fall Seminar (9/13/80 - 9/26/80). Dr. Borhan Shrydeh, Director of Statistics, visited RTI and UNC (4/81) to discuss plans for training his staff in data processing and statistical analysis. 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 one more Jordanian in demographic analysis, all at UNC. As part of these plans, Fathi Al-Nsur and Hakim Yousef of the Department of Statistics have completed at UNC (4/17/82) a 12-week training course on the use of SPSS to analyze the Jordan Fertility Survey. The third Jordanian trainee is to arrive at UNC in May 1982.

Conferences and Seminars

None to date.

Future Work

IPDP is considering training programs in SPSS and SAS at RTI for four Department of Statistics members. IPDP is also considering a training program in SPSS for University of Jordan Computer Center Staff. In conjunction with this training, IPDP may be asked to assist in the analysis of the Manpower Survey as a collaborative project on the part of the Ministries of Labor, Education, and Social Affairs and the Bureau of Statistics.

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). Visit by Knowles (3/11/82-3/12/82) to discuss plans for a seminar on the use of microcomputers in planning with the State Planning Organization.

Research Studies

Dr. Fried reviewed proposal concerning research on adolescent reproduction in Turkey. Revised proposal submitted to RTI and AID/W for review (4/82).

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). Mr. Tuncer Kocaman and Mr. Kutlu Savas, both of the State Planning Organization, attended the 1981 Population-Development Planning Seminar (10/81).

Conferences and Seminars

Two-week Seminar on microcomputers for the SPO to be held in May 1982.

Future Work

One or two research studies (in addition to Turkey-1) with Hacettepe University are expected to develop in the next six months. Seminar on uses of microcomputers in planning to be held for SPO 5/82. IPDP planning to arrange for three trainees from SPO to attend the one-semester course on Population and Development Planning at the University of Michigan in the Fall (82).

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 (IDS), of the benefits and costs of fertility reduction.

Technical Assistance

IPDP consultant Dr. W. Robinson (4/17/81 - 4/18/81) and IDS staff members, M. Pandey and S. Sharma (4/15/81 - 4/21/81) met in Bombay to discuss technical approach to Nepal-1. Evaluation of Rapati Region survey data 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. Chao/Knowles sent technical comments to Panday on his paper, "A Proposed Working Model for a Cost-Benefit Study of Fertility Decline in Nepal." RTI has furnished IDS with copies of books and articles on the use of benefit-cost analysis to evaluate Family Planning Programs. AID/W approved purchase of Apple II computer for IDS (4/82). Project completion date extended four months to July 1982.

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 1980 Fall Seminar (9/13/80 - 9/26/80). Mr. Mohan Thapa of the National Population Commission attended the 1981 Fall Seminar in Baltimore from October 18 to 29. IPDP funded training of Mr. B. R. Bhattarai from the Population Commission on micro-computer programming. AID/N paid travel and per diem expenses. Mr. Bhattarai spent six weeks at Control Data Institute in Arlington (3/6/82-4/17/82) and two weeks at RTI (4/17/82-5/1/82).

Conferences and Seminars

None to date.

Future Work

Dr. Chao or Dr. George Simmins (consultant) to visit Nepal to assist IDS with Nepal-1 (7/82).

Philippines

Project Development

Visits of 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. CPC's Akin, Bass and Guilkey spent two days in Manila to prepare technical assistance proposal (12/81).

Research Studies

Philippines-1 could not be funded by IPDP due to lack of funds, despite endorsement by NEDA and AID/Manila.

Technical Assistance

T.A. request received from NEDA for CPC to assist in transfer of statistical software. Request approved by AID/CTO and S. Sinding (AID/Manila). IPDP to fund T.A. scheduled for July 1982.

Training

Dr. W. Nuqui, Director, Economic Planning and Research Staff, National Economic and Development Authority (NEDA), attended the 1980 Fall Seminar (9/13/80 - 9/26/80). Dr. Jose Lawas, Deputy Director of National Economic Development Authority (NEDA), and Mr. Benjamin Leong, a Regional Director of NEDA, attended the 1981 Population-Development Planning Seminar (10/81).

Conferences and Seminars

Eight seminars planned (July 1982) as part of CPC technical assistance activity to train NEDA staff in use of software.

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. CPC technical assistance to NEDA (see above).

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. AID/Colombo has approved the Cost-Benefit Study of the Family Planning Program (Sri Lanka-2) and a sub-contract was signed. The Mission, however, turned down the Mahaweli proposal in its present state because it objected the use of project funds to pay salaries of GOSR Planners. Revisions on Sri Lanka-3 are underway. Sri Lanka-1 was funded by IDRC (Canada).

Technical Assistance

Assistance will be provided by RTI in connection with Sri Lanka-2.

Training

Mr. D. P. Wijegoonasekera, Director of the Population Division of the Ministry of Plan Implementation attended 1981 IPDP Fall Seminar in Baltimore (10/81).

Conferences and Seminars

Results of Sri Lanka-2 will be used to develop a computer-assisted presentation on cost-benefit analysis similar to that done for Thailand. This work will be presented in a series of seminars.

Future Work

Dr. Chao or Dr. George Simms (consultant) expected to visit Sri Lanka to assist with work on Sri Lanka-2 (7/82).

Thailand

Project Development

Visit of D. Chao (4/20/81-4/25/81). Visit of J. Knowles (7/1/81-7/5/81).
Visit of D. Chao (3/5/82-3/19/82).

Research Studies

Thailand-1 received a favorable preliminary USAID technical review but USAID Mission was not interested in the study. Thailand-2, a second-phase study of the Cost-Benefit Study of the National Family Planning Program of Thailand, was sent to us in December 1981 and has now been approved by AID/W (2/82). USAID Mission had objection to the proposal and requested it be revised. In his recent trip to Bangkok, Chao worked out some guidelines for revision with Thailand-2's principal investigator, Dr. Thienchay. Dr. Chira Hongladarom, Director of Human Resource Institute, visited RTI during Fall Seminar and met with Dr. Finkner. He indicated that he might submit a proposal on "The Economic and Social Impact of Population Decline in Thailand" to RTI.

Technical Assistance

In response to a request from the Ministry of Public Health of the Royal Thai Government, D. Chao and K. Allen of RTI and E. Abel and J. Stover of The Futures Group developed a computer-assisted analysis and presentation showing the benefits and costs of the Thai National Family Planning Program. The results of the study were presented to many government agencies, private institutions, and international organizations in Bangkok in August 1981. The study has been revised and D. Chao visited Bangkok again in March 1982 to present the revised model.

Training

Training was provided to Ministry of Public Health staff in use of the model during visit by E. Abel and D. Chao. Ms. Chupensri Wongbuddha, Acting Head of the Population Policy Planning Sector of the National Economic and Social Development Board attended the 1981 Fall Seminar (10/81).

Conferences and Seminars

Ten seminars have been given on the Thai model to date, six in Thailand (8/81) and four in the U.S. A one-day conference on population economics was held on March 6, 1982 (Thailand-3) with IPDP support (attended by Dr. Chao).

Future Work

Thailand-2 proposal is being revised by Dr. Thienchay of Chulalongkorn University and will be submitted to IPDP for preparation of a subcontract. The Cost-Benefit Study of Thailand will be presented to the 1982 Population Association of America Meetings in San Diego in April 1982.

G. Contract Expenditures and Projections

Table 5 shows contract expenditures during the current reporting period (ie., the first six months of Year III) compared to budgeted amounts for the same period. The budgeted amounts are taken from the revised budget recently submitted by RTI and approved by AID/W. The figures in column 2 of Table 5 are actually one-half of the totals budgeted for Year III. Since actual expenditures during the first half of Year III include costs for the Fall Seminar (about \$200,000 in extra costs), actual spending appears to be about 10 percent higher overall than the pro-rated budgeted amounts. This difference is particularly marked in the case of the "Travel" and "Other Direct Costs" line items, which were most directly affected by Fall Seminar costs. The same pattern appears in Table 6, which shows cumulative contract expenditures compared to budgeted amounts. Table 7, on the other hand, which shows projected expenditures for the next reporting period (ie., the last six months of Year III), indicates that expenditures will be about 10 percent lower than the pro-rated budgeted amount. This again reflects the uneven distribution of contract expenditures in Year III, which is due to the unusually high costs incurred in connection with the Fall Seminar during the first six months of Year III.

Table F

Contract Expenditures During Current Reporting
Period Compared to Budgeted Expenditures
October 1, 1981-March 31, 1982 (6 months)

Expenditure Category	Actual (\$)	Budgeted ¹ (\$)	Actual as Percent of Budgeted (%)
Direct Labor	154,697	142,314	108.7
On-site	147,547	136,279	108.3
Off-site	7,150	6,035	118.5
Indirect Technical Expense	134,151	123,797	108.4
On-site	132,792	122,651	108.3
Off-site	1,359	1,146	118.6
Consultants	14,817	12,954	114.4
Travel and Allowances	180,491	124,533	144.9
Other Direct Costs	92,521	66,879	138.3
Subcontracts	141,768	169,170	83.8
U.S. Collaborators	108,082	117,199	92.2
Host Country	33,686	51,971	64.8
Subtotal	718,445	639,646	112.3
OMASE	65,114	62,058	104.9
Total Expenditures	783,559	701,704	111.7
Fixed Fee	35,260	31,577	111.7
Total Cost	818,819	733,281	111.7

¹Budgeted figures are based on revised budget (see Table 2), with budgeted amounts for the current reporting period equal to one-half of the total budgeted amount for Year III.

Table 6

Cumulative Contract Expenditures Compared to
Budgeted Expenditures
October 1, 1979-March 31, 1982 (30 months)

Expenditure Category	Actual (\$)	Budgeted ¹ (\$)	Actual as Percent of Budgeted (%)
Direct Labor	541,196	528,812	102.3
On-site	518,286	507,017	102.2
Off-site	22,910	21,795	105.1
Indirect Technical Expense	463,578	453,223	102.3
On-site	459,225	449,083	102.2
Off-site	4,353	4,140	105.1
Consultants	51,729	49,866	103.7
Travel and Allowances	431,338	375,378	114.9
Other Direct Costs	204,569	178,930	114.3
Subcontracts	397,929	425,332	93.6
U.S. Collaborators	358,361	357,210	100.3
Host Country	39,568	68,122	58.1
Subtotal	2,090,339	2,011,540	103.9
OMASE	178,205	175,152	101.7
Total Expenditures	2,268,544	2,186,692	103.7
Fixed Fee	102,084	98,401	103.7
Total Cost	2,370,628	2,285,093	103.7

¹Budgeted figures are based on revised budget (see Table 2), with amounts for first six months of Year III equal to one-half the total budgeted amount for Year III.

Table 7

Projected Contract Expenditures During Next Reporting
 Period Compared to Budgeted Expenditures
 April 1, 1982-September 30, 1982 (6 months)

Expenditure Category	Projected (\$)	Budgeted ¹ (\$)	Projected as Percent of Budgeted (%)
Direct Labor	129,931	142,314	91.3
On-site	125,010	136,279	91.7
Off-site	4,921	6,035	81.5
Indirect Technical Expense	113,443	123,797	91.6
On-site	112,509	122,651	91.7
Off-site	934	1,146	81.5
Consultants	11,090	12,954	85.6
Travel and Allowances	68,576	124,533	55.1
Other Direct Costs	41,236	66,879	61.7
Subcontracts	196,571	169,170	116.2
U.S. Collaborators	126,316	117,199	107.8
Host Country	70,255	51,971	135.2
Subtotal	560,847	639,646	87.7
OMASE	59,002	62,058	95.1
Total Expenditures	619,849	701,704	88.3
Fixed Fee	27,895	31,577	88.3
Total Cost	647,744	733,281	88.3

¹Budgeted figures are based on revised budget (see Table 2), with amounts for next reporting period (ie., second half of Year III) one-half of the total budgeted amount for Year III.

Appendix A

Excerpts from
Report on the Seminar on Population
in Development Planning

October 18-29, 1981
Baltimore, Maryland

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

Prepared by:
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Seminar Organizer

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United States Agency for International Development
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The second Fall Seminar on Population in Development Planning was held under the Integrated Population-Development Planning Program (USAID centrally funded contract no. AID/DSPE-C-0062) in Baltimore, Maryland, October 18-23, 1981. It was planned and carried out jointly by the Research Triangle Institute and the Department of Population Dynamics of The Johns Hopkins University. The Seminar was aimed at officials in developing countries who hold key planning positions in their governments. The goals of this year's Seminar, as last year's, were to increase participants' general knowledge of population dynamics as relevant to development, increase their familiarity with analytic methods, increase their awareness of how these can be applied to planning in various development sectors, and increase their concerns with strengthening indigenous long-term capacities for dealing with population aspects of development planning.

The 34 participants from 25 countries in Africa (16 participants), Asia (6 participants), Latin America (9 participants), and the Near East (3 participants) were selected with the assistance of the USAID missions or US embassies. These participants generally held high level positions in planning units in their countries. Most were planners from central, regional or sectoral units or were from statistical departments within planning units. (See list of participants below.) Because of the similarity between this Seminar and last year's with respect to goals and curriculum, those who participated last year were not eligible to do so this year.

The schedule and curriculum for this year's Seminar were developed in part by examining the extent to which last year's Seminar appeared to have succeeded in attaining its goals--improving areas of relative weakness and building on areas of strength. (See schedule below.) Reactions of last year's participants as indicated both in informal discussions and on evaluation forms as well as staff evaluations played a major role in this process. Some of the changes included the following: allocating more time, including the entire last day of the Seminar, for participant discussion; adding a session on international migration and a session on poverty, income distribution and basic needs to the curriculum; reducing the amount of time spent on technical introductory material and refocusing some of it; strongly encouraging faculty to use case study materials from developing countries; and suggesting specific topics to be covered in the individual sessions.

The Seminar began with an introduction to population dynamics and demographic methods, presented the concept of population and development as a system, then discussed the determinants of demographic factors and the uses and importance of demographic data in sectoral planning and development plans. The format for most sessions was a presentation by a faculty member followed by discussion, although questions were generally interspersed in the presentation as well. The final sessions were discussions by the participants. Simultaneous interpretation services (French-Spanish-English) allowed a free exchange of ideas among the participants and between participants and faculty.

Background reading materials were provided to the participants when they arrived. These were selected by the faculty members and the organizers of the Seminar. While most materials were already published, three papers were prepared by faculty specifically for this Seminar (R. Scott Moreland, "Introduction to Economic-Demographic Modeling"; Ismail Sirageldin, "Towards an Analytic Population Policy: On the Role of International Migration"; and Oleh Wolowyna, "Notes on Population Projections"). At the close of the Seminar, RTI shipped all the materials to the participants in their countries so that they and their colleagues could continue to have access to them.

There were 25 faculty members, each of whom brought special expertise, usually including practical experience, in her/his particular field. Faculty were drawn from the World Bank, United Nations organizations, The Johns Hopkins University, RTI, the Futures Group, USAID, the World Fertility Survey, and a number of other institutions. The sessions were chaired by staff from the Battelle Institute and The Futures Group, except for the discussions of the last day which were chaired by Dr. Knowles, IPDP Project Leader, and Dr. Sirageldin of The Johns Hopkins University. (See biographical sketches below for each member of the Seminar's faculty.)

In order to help determine the extent to which the goals of the Seminar were met and to aid in planning for future seminars, participants were asked to fill in evaluation forms at the close of the Seminar. Various aspects of the Seminar were dealt with including: attainment of general goals and sub-objectives; coverage in individual sessions; methods for learning; and supporting aspects. Of the 33 participants who were present for the entire Seminar, 26 turned in completed forms.

For those questions on the evaluation forms which lent themselves to such treatment, responses were scored by RTI staff on a five-point scale, from poor

(scored 1) to excellent (scored 5). Table 1 shows percentage distributions and means of the responses while Table 2 shows the means of the responses by region.

Overall, responses were quite positive. There was some variation in reactions to individual sessions, and problems with the air conditioning in the meeting room elicited negative comments which clearly were not generalized to other aspects of the Seminar. In spite of attempts to make the schedule less crowded than last year's, several respondents found the schedule too tight.

Participants overall felt that the Seminar was quite successful in supporting efforts of national planning officials to consider and account for population dynamics in planning for national development. Only a few were less than enthusiastic in their responses concerning this aspect of the Seminar. Several indicated that the Seminar was directly relevant to their current work and that they could put into practice what they had learned upon their return home. Others suggested that the major accomplishment in this regard was in sensitizing them to the issues. With respect to the most valuable aspects of the Seminar, some participants listed particular sessions, others felt that interaction with faculty and participants was most valuable and still others said that all aspects were of great value. Regarding the least valuable aspects, 15 of the 26 respondents gave no answer or said that no aspects were not valuable, and of the remainder some listed specific sessions.

Responses were also generally positive with respect to the reference materials, contact with specialists, sharing experiences and ideas, and contact with sources of information, expertise, and cooperation. Reference materials were much appreciated and praised, though the Spanish-speaking participants indicated that they would have liked to have had them in Spanish.

Contacts with specialists (faculty) and other participants received somewhat more mixed reactions on the evaluation forms. A lack of sufficient time to meet with specialists was cited as a problem by some. Other participants found these aspects to be among the most successful of the Seminar. Some of the Spanish-speaking participants indicated that they had experienced difficulties in interacting with faculty and non-Spanish-speaking participants. It is of interest that the French-speaking participants did not report such problems. A number of participants, including those who were Spanish speaking, said that they had established or continued contacts which would be helpful to them in their ongoing or future work.

Table 1

PERCENTAGE DISTRIBUTIONS AND MEANS FOR
RESPONSES ON THE EVALUATIONS OF THE SEMINAR

QUESTIONS	PERCENTAGES (N) ^{a/}					NR ^{b/}	MEANS
	Poor		Excellent				
	1	2	3	4	5		
<u>GOAL AND SUBOBJECTIVES</u>							
A.Q1: Goal Achieved	0% (0)	4% (1)	17% (4)	48% (11)	30% (7)	- (3)	4.04 (23)
B.Q1: Reference Materials	0 (0)	4 (1)	26 (6)	22 (5)	48 (11)	- (3)	4.13 (23)
B.Q2: Contact with Specialists	22 (5)	4 (1)	17 (4)	35 (8)	22 (5)	- (3)	3.30 (23)
B.Q3: Sharing Experiences and Ideas	13 (3)	4 (1)	13 (3)	30 (7)	39 (9)	- (3)	3.78 (23)
B.Q4: Contact with Sources of Information, Expertise, and Cooperation	5 (1)	0 (0)	40 (8)	25 (5)	30 (6)	- (6)	3.75 (20)
<u>INDIVIDUAL SESSIONS</u>							
C.Q1: Population Dynamics and Definitions	0 (0)	9 (2)	27 (6)	41 (9)	23 (5)	- (4)	3.77 (22)
C.Q2: Data Sources	0 (0)	14 (3)	32 (7)	32 (7)	23 (5)	- (4)	3.64 (22)
C.Q3: Demographic Methods	0 (0)	5 (1)	55 (11)	25 (5)	15 (3)	- (6)	3.50 (20)
C.Q4: Projections	0 (0)	5 (1)	43 (9)	38 (8)	14 (3)	- (5)	3.62 (21)
C.Q5: Population-Development System	0 (0)	5 (1)	32 (7)	41 (9)	23 (5)	- (4)	3.82 (22)
C.Q6: Determinants: Fertility	0 (0)	5 (1)	43 (9)	29 (6)	24 (5)	- (5)	3.71 (21)
C.Q7: Determinants: Mortality	0 (0)	0 (0)	55 (11)	30 (6)	15 (3)	- (6)	3.60 (20)
C.Q8: Determinants: Internal Migration and Urbanization	0 (0)	10 (2)	30 (6)	35 (7)	25 (5)	- (6)	3.75 (20)
C.Q9: Determinants: International Migration	0 (0)	17 (3)	33 (6)	22 (4)	28 (5)	- (8)	3.61 (18)
C.Q10: Sectoral Planning: Food and Agriculture	16 (3)	32 (6)	26 (5)	21 (4)	5 (1)	- (7)	2.68 (19)

Table 1 (continued)

PERCENTAGE DISTRIBUTIONS AND MEANS FOR
RESPONSES ON THE EVALUATIONS OF THE SEMINAR

QUESTIONS	PERCENTAGES (N) ^{a/}					NR ^{b/}	MEANS
	Poor		Excellent				
	1	2	3	4	5		
C.Q11: Sectoral Planning: Education	0% (0)	10% (2)	60% (12)	20% (4)	10% (2)	- (6)	3.30 (20)
C.Q12: Sectoral Planning: Employment	0 (0)	10 (2)	48 (10)	33 (7)	10 (2)	- (5)	3.43 (21)
C.Q13: Poverty, Income Distri- bution and Basic Needs	0 (0)	15 (3)	45 (9)	15 (3)	25 (5)	- (6)	3.50 (20)
C.Q14: Sectoral Planning: Health	11 (2)	21 (4)	37 (7)	32 (6)	0 (0)	- (7)	2.89 (19)
C.Q15: Women in Development Planning	0 (0)	6 (1)	56 (9)	13 (2)	25 (4)	- (10)	3.56 (16)
C.Q16: Modeling	0 (0)	16 (3)	47 (9)	16 (3)	21 (4)	- (7)	3.42 (19)
C.Q17: Population Policy and and Development Plans	5 (1)	20 (4)	35 (7)	30 (6)	10 (2)	- (6)	3.20 (20)
C.Q18: International Aspects	0 (0)	7 (1)	43 (6)	29 (4)	21 (3)	- (12)	3.64 (14)
C.Q19: Organizing to Incorporate Population Into Develop- ment Planning	0 (0)	6 (1)	50 (9)	22 (4)	22 (4)	- (8)	3.61 (18)
C.Q20: Country Issues	6 (1)	11 (2)	28 (5)	39 (7)	17 (3)	- (8)	3.50 (18)
<u>METHODS</u>							
D.Q1: Lecture Presentations	0 (0)	9 (2)	39 (9)	30 (7)	22 (5)	- (3)	3.65 (23)
D.Q2: Open Discussions	0 (0)	25 (4)	13 (2)	44 (7)	19 (3)	- (10)	3.56 (16)
D.Q3: Adaptation to Participants' Interests	6 (1)	11 (2)	39 (7)	39 (7)	6 (1)	- (8)	3.28 (18)
<u>SUPPORTING ASPECTS</u>							
E.Q1: Schedule and Timing	5 (1)	19 (4)	48 (10)	14 (3)	14 (3)	- (5)	3.14 (21)
E.Q3: Interpretation Services	0 (0)	8 (2)	19 (5)	27 (7)	46 (12)	- (0)	4.12 (26)

Table 1 (continued)

PERCENTAGE DISTRIBUTIONS AND MEANS FOR
RESPONSES ON THE EVALUATIONS OF THE SEMINAR

QUESTIONS	PERCENTAGES (N) ^{a/}					NR ^{b/}	MEANS
	Poor		Excellent				
	1	2	3	4	5		
E.Q4: Contact with Other Professionals	10% (2)	10% (2)	10% (2)	33% (7)	38% (8)	- (5)	3.81 (21)
<u>LOGISTIC ARRANGEMENTS</u>							
F.Q1: Invitation Process	0 (0)	15 (4)	31 (8)	31 (8)	23 (6)	- (0)	3.62 (26)
F.Q2: Travel Arrangements	4 (1)	4 (1)	16 (4)	44 (11)	32 (8)	- (1)	3.96 (25)
F.Q3: Accommodations	0 (0)	0 (0)	24 (6)	28 (7)	48 (12)	- (1)	4.28 (25)
F.Q4: Personal Assistance	0 (0)	0 (0)	12 (3)	12 (3)	76 (19)	- (1)	4.64 (25)

^{a/}(N) is the number of cases in the cell. Participants who did not respond to a question or whose response could not be coded were excluded from the calculations.

^{b/}NR is no response or an uncodable response.

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Table 2
MEANS FOR RESPONSES ON THE EVALUATIONS OF SEMINAR BY REGION

QUESTIONS	MEANS (N) ^{a/}			
	AFRICA ^{b/}	ASIA	LATIN AMERICA	OVERALL
<u>GOAL AND SUBOBJECTIVES</u>				
A.Q1: Goal Achieved	3.80 (10)	4.60 (5)	4.00 (8)	4.04 (23)
B.Q1: Reference Materials	3.78 (9)	3.67 (6)	4.88 (8)	4.13 (23)
B.Q2: Contact with Specialists	3.80 (10)	2.83 (6)	3.00 (7)	3.30 (23)
B.Q3: Sharing Experiences and Ideas	4.33 (9)	4.00 (6)	3.00 (8)	3.78 (23)
B.Q4: Contact with Sources of Information, Expertise, and Cooperation	4.00 (7)	3.67 (6)	3.57 (7)	3.75 (20)
<u>INDIVIDUAL SESSIONS</u>				
C.Q1: Population Dynamics and Definitions	4.00 (9)	3.50 (6)	3.57 (7)	3.77 (22)
C.Q2: Data Sources	3.56 (9)	3.83 (6)	3.57 (7)	3.64 (22)
C.Q3: Demographic Methods	3.89 (9)	3.40 (5)	3.00 (6)	3.50 (20)
C.Q4: Projections	3.89 (9)	3.40 (5)	3.43 (7)	3.62 (21)
C.Q5: Population-Development System	3.78 (9)	3.83 (6)	3.86 (7)	3.82 (22)
C.Q6: Determinants: Fertility	4.11 (9)	3.67 (6)	3.17 (6)	3.71 (21)
C.Q7: Determinants: Mortality	4.00 (9)	3.33 (6)	3.20 (5)	3.60 (20)
C.Q8: Determinants: Internal Migration and Urbanization	4.11 (9)	3.50 (6)	3.40 (5)	3.75 (20)
C.Q9: Determinants: International Migration	3.63 (8)	4.17 (6)	2.75 (4)	3.61 (18)
C.Q10: Sectoral Planning: Food and Agriculture	2.78 (9)	2.25 (4)	2.83 (6)	2.68 (19)

Table 2 (continued)

MEANS FOR RESPONSES ON THE EVALUATIONS OF SEMINAR BY REGION

QUESTIONS	MEANS (N) ^{a/}			
	AFRICA ^{b/}	ASIA	LATIN AMERICA	OVERALL
C.Q11: Sectoral Planning: Education	3.56 (9)	2.80 (5)	3.33 (6)	3.30 (20)
C.Q12: Sectoral Planning: Employment	3.44 (9)	3.50 (6)	3.33 (6)	3.43 (21)
C.Q13: Poverty, Income Distribu- tion and Basic Needs	3.78 (9)	3.67 (6)	2.80 (5)	3.50 (20)
C.Q14: Sectoral Planning: Health	2.56 (9)	3.00 (6)	3.50 (4)	2.89 (19)
C.Q15: Women in Development Planning	3.78 (9)	3.50 (4)	3.00 (3)	3.56 (16)
C.Q16: Modeling	4.00 (8)	3.20 (5)	2.83 (6)	3.42 (19)
C.Q17: Population Policy and Development Plans	3.44 (9)	3.60 (5)	2.50 (6)	3.20 (20)
C.Q18: International Aspects	3.88 (8)	3.33 (3)	3.33 (3)	3.64 (14)
C.Q19: Organizing to Incorporate Population Into Develop- ment Planning	3.63 (8)	3.80 (5)	3.40 (5)	3.61 (18)
C.Q20: Country Issues	4.00 (9)	3.00 (3)	3.00 (6)	3.50 (18)
<u>METHODS</u>				
D.Q1: Lecture Presentations	3.63 (8)	3.50 (6)	3.78 (9)	3.65 (23)
D.Q2: Open Discussions	3.83 (6)	3.00 (5)	3.80 (5)	3.56 (16)
D.Q3: Adaptation to Participants' Interests	3.14 (7)	3.00 (4)	3.57 (7)	3.28 (18)
<u>SUPPORTING ASPECTS</u>				
E.Q1: Schedule and Timing	3.44 (9)	3.00 (6)	2.83 (6)	3.14 (21)
E.Q3: Interpretation Services	4.27 (11)	4.00 (6)	4.00 (9)	4.12 (26)
E.Q4: Contact with Other Profes- sionals	4.38 (8)	3.80 (5)	3.25 (8)	3.81 (21)

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Table 2 (continued)

MEANS FOR RESPONSES ON THE EVALUATIONS OF SEMINAR BY REGION

QUESTIONS	MEANS (N) ^{a/}			
	AFRICA ^{b/}	ASIA	LATIN AMERICA	OVERALL
<u>LOGISTIC ARRANGEMENTS</u>				
F.Q1: Invitation Process	3.55 (11)	3.17 (6)	4.00 (9)	3.62 (26)
F.Q2: Travel Arrangements	3.90 (10)	4.00 (6)	4.00 (9)	3.96 (25)
F.Q3: Accommodations	4.60 (10)	4.17 (6)	3.89 (9)	4.28 (25)
F.Q4: Personal Assistance	4.64 (11)	4.33 (6)	4.88 (8)	4.64 (25)

^{a/}(N) is the number of responses used to calculate the means. Participants who did not respond to a question or whose response could not be coded were excluded from the calculations.

^{b/}The one respondent from the Near East (Morocco) is included with Africa.

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Reactions to the individual sessions were generally quite positive. There was, however, variation in the evaluation of the individual sessions, with Population-Development System, Population Dynamics and Definitions, Internal Migration and Urbanization, and Fertility receiving the most positive reactions (based on overall means) and Food and Agriculture and Health receiving the least positive reactions. The presentation on food and agriculture elicited a considerable amount of discussion and controversy, preventing the lecturer from covering all of the material. Some participants felt that the presentation on health was oriented too much toward medical aspects to the neglect of planning aspects. Overall the African participants gave more favorable responses than those from other regions. (See Table 2.)

Participants were also asked to evaluate the methods used during the Seminar. In commenting on lecturing as a method some respondents tended to give reactions to particular lectures rather than to the method itself. With respect to open discussions some participants found this extremely valuable while others were bothered by the perceived domination of discussions by a few participants and by what they perceived as the somewhat rambling nature of some of the discussions. In future seminars it may be advisable to have the chair play a more active role in focusing discussions.

The supporting and logistic aspects of the Seminar were well received. As was the case last year, some participants found the schedule too tight and although evening sessions had been held to a minimum, there were objections to them. Responses to the simultaneous interpretation services were enthusiastic. Interpreters were skillful and cooperative, often working with participants to assist them in dealing with problems. Most participants also felt that travel and hotel arrangements and the personal assistance offered by staff were good to excellent and were most appreciative.

Participants were asked for their suggestions for future seminars. They responded with a wide range of suggestions which indicated a general enthusiasm for holding such seminars. Some suggested that seminars be held on national or regional levels and others indicated that future seminars might focus on particular aspects which could be approached in more depth. A desire for discussions in small groups was expressed by some, as was holding the seminar in a developing country.

Participant evaluations, informal discussions, and observation both in the sessions and outside indicate that the Seminar was quite successful in bringing together government officials from developing countries to increase their knowledge of the important role of population in development and, without advocating a particular population policy, to encourage them to take population factors into account in their development planning.

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SCHEDULE FOR SEMINAR ON POPULATION IN DEVELOPMENT PLANNING
October 18-29, 1981

For each session, background reading and discussion notes are provided. The speaker for each session is named after the topic headings below. The sessions will be chaired by Michael Micklin, Battelle (October 19-21 and 26), Leonard Robinson, Battelle (October 22, 28 and 29) and by Henry Cole, Futures Group (October 23 and 27).

Saturday, 17th ARRIVALS

Sunday, 18th

2:30-4:00 p.m. Introduction (JHU and RTI)
8:00- Dinner & Welcome

Monday, 19th

8:45-10:15 a.m. 1. Population Dynamics and Definitions: demographic concepts and definitions, patterns and trends. (Kantner, JHU)

10:15-10:30 a.m. BREAK

10:30-12:00 Noon 2. Data Sources: basic types of data sources, methods, problems and strengthening. (Chidambaram, WFS)

12:00-2:00 p.m. BREAK

2:00-3:30 p.m. 3. Demographic Methods: (McCarthy, JHU)

3:30-3:45 p.m. BREAK

3:45-5:15 p.m. 4. Projections: basic concepts and methods for general projections. (Wolowyna, Pop Labs)

Evening FREE

Tuesday, 20th

8:45-12:00 noon 5. Population-Development System: conceptual framework, elements and linkages. (Sirageldin, JHU)

12:00-2:00 p.m. BREAK

2:00-5:15 p.m. 6. Determinants: Fertility: (Cochrane, World Bank)

EVENING FREE

Wednesday, 21st

- 8:45-12:00 noon 7. Determinants: Mortality: (Chao, RTI, and Simmons, U. of Michigan)
- 12:00-2:00 p.m. BREAK
- 2:00-5:15 p.m. 8. Determinants: Internal Migration and Urbanization: (Goldstein, Brown U.)
- EVENING FREE
-

Thursday, 22nd

- 8:45-12:30 noon 9. Determinants: International Migration: (Sirageldin, JHU; Kraly, Hamilton College)
- 12:30-2:00 p.m. BREAK
- 2:00-5:15 p.m. 10. Population in Sectoral Planning: Food and Agriculture: (Franklin, Sigma I)
- EVENING FREE
-

Friday, 23rd

- 8:45-12:00 noon 11. Population in Sectoral Planning: Education: (Durstine, World Bank)
- 1:00 p.m. Bus leaves Hilton
- 2:00-5:00 p.m. Trip to Census Bureau
- 6:00-7:30 p.m. Reception: Home of Sara Seims
- 11:00 p.m. Bus Returns to Baltimore
-

Saturday, 24th Free Day

Sunday, 25th Free Day

Monday, 26th

- 8:45-12:00 noon 12. Population in Sectoral Planning: Employmen (Farooq, ILO)
- 12:00-2:00 p.m. BREAK
- 2:00-5:00 p.m. 13. Poverty, Income Distribution & Basic Needs: (McGreevey, World Bank)
- 5:00-7:30 p.m. BREAK
- 7:30-9:30 p.m. 14. Population in Sectoral Planning: Health: (Rosenfield, Columbia)
-

Tuesday, 27th

- 8:45-12:00 noon 15. Women in Development Planning: (Youssef, International Center for Research on Women; Seims, USAID)
- 12:00-2:00 p.m. BREAK
- 2:00-5:15 p.m. 16. Modeling: (Moreland, RTI)
Benefit/Cost: (Simmons, U. of Michigan)
- 5:15-7:30 p.m. BREAK
- 7:30-9:30 p.m. RAPID Presentation: (Golliber, Futures Group)
-

Wednesday, 28th

- 8:45-10:15 a.m. 17. Population Policy in Development Plans: (Sirageldin, JHU; Kantner, JHU)
- 10:15-10:30 a.m. BREAK
- 10:30-12:00 noon 18. International Aspects: (King, World Bank)
- 12:00-2:00 p.m. BREAK
- 2:00-5:30 p.m. 19. Panel on Organizing to Incorporate Population into Planning: (Farooq, ILO; Clark, AID; Pante, Yale; Horlacher, UN; Gadir, UNFPA/Sudan)
- EVENING FREE
-

Thursday, 29th

- 8:45-12:00 noon 20. Country Issue Participant Presentations: (Knowles, RTI; Sirageldin, JHU--Facilitators)
- 12:00-2:00 p.m. BREAK
- 2:00-3:45 p.m. Country Issue Presentations: continued
- 3:45-4:00 p.m. BREAK
- 4:00-5:30 p.m. 21. Overview (Knowles and Sirageldin)
- EVENING Farewell Dinner
-

Friday, 30th

Departures

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CHAO, Dennis N.W.

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Postgraduate demographic training at the University of North Carolina, 1980.

-- Population Economist for the Integrated Population and Development Planning Program at the Research Triangle Institute and for Population Laboratories, University of North Carolina, Chapel Hill, N.C.

-- Dr. Chao has taught graduate and undergraduate courses in economics at National Taiwan University, the University of Hawaii, the University of California and the University of North Carolina at Chapel Hill. He has published or presented several papers in the field of population economics.

-- Dr. Chao's current research interests include cost/benefit analysis of family planning programs and the determinants and consequences of fertility and mortality in developing countries.

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-- Deputy Director of the World Fertility Survey, International Statistical Institute, London, U.K.

-- V. C. Chidambaram has been active in demographic work for the last 20 years. At the WFS he has a major responsibility in the organization and implementation of WFS data analysis at both national and cross-national levels.

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-- Chief of Policy Development Division, Office of Population, USAID, Washington, D.C.

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-- Senior Economist, Population and Human Resources Division, Development Economics Department, IBRD.

-- Dr. Cochrane has taught at the University of South Carolina, the University of Texas at Austin and the University of Melbourne. She first joined the Bank as a Brookings Policy Fellow. Since then she has reviewed existing literature as well as collected and analyzed new data from Nepal, Thailand and Egypt.

-- Her publications and research interests cover a wide range of topics in the field of population and development and economic models of fertility.

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- General Education Specialist, Technical Assistance and Special Studies Division, World Bank.
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- Dr. Farooq has been a lecturer at Yale University, a Research Fellow for the Population Council in Nigeria and a Population Advisor for the UNFPA in several countries. At the ILO he is responsible for a technical cooperation program operative in all four developing regions of the world.
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-- President, Sigma One Corporation, Raleigh, N.C.

-- Dr. Franklin has worked as a biostatistician at Harvard University; a systems engineer at the Centro Internacional de Agricultura Tropical; a senior nutritional and agricultural economist at the Research Triangle Institute and a consultant for international agriculture and nutrition programs for the World Bank.

-- As president of Sigma One, he is currently conducting the Consumption Effects of Agriculture Policies Project in Sudan and Tanzania.

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-- Prior to joining RTI, Dr. Fried had been a research associate at the Carolina Population Center, University of North Carolina at Chapel Hill. Her research has focused on the relationship between female labor force participation and fertility and on the perceived costs and benefits of childbearing and childrearing.

-- In her work with the Integrated Population and Development Planning Project at RTI Dr. Fried is providing technical assistance for projects in Nigeria, Nepal and the Sudan. She is currently doing research on the effects of fertility on the roles of women and men.

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-- Dr. Horlacher has done extensive consulting with the UNFPA, the International Public Health Association, and The Futures Group RAPID project. His work has been international in scope, including studies of Ghana, Egypt, Guatemala and Nigeria.

-- His current research interests include a report on the integration of demographic variables in development planning for the IUSSP General Conference in Manila in December 1981.

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-- Ph.D. Sociology/Demography, University of Pennsylvania, 1953.

-- Professor of Sociology and Director of Population Studies and Training Center, Brown University, Rhode Island.

-- Dr. Goldstein has conducted research on the populations of both developed and developing countries. He has served as a consultant to the Rand Corporation, to ESCAP, to the CUNY Population Study and to the Ford Foundation. His current demographic investigations are focussed in Asia and include research in Malaysia and Thailand.

-- Dr. Goldstein's research interests are primarily related to questions of population redistribution, especially the interrelations among migration, urbanization and fertility.

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-- Dr. Kantner is currently involved in a worldwide study of operations research in family planning programs. One of his major research interests is Indonesia.

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-- He is currently working on a case study of the Philippines' experience with exchange rates under a generalized worldwide currency floating system.

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