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1 April 1983 - 30 September 1983

INTEGRATED POPULATION AND DEVELOPMENT PLANNING
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EXECUTIVE SUMMARY

IPDP Semi-Annual Report: Year 4

1 April 1983 - 30 September 1983

The Integrated Population and Development Planning Program (IPDP) is a five-year USAID centrally-funded project designed to raise the awareness of planners in developing countries to the development problems associated with rapid population growth and to develop the skills of planners so that they can make fuller and more effective use of demographic data in their development planning. The IPDP project carries out these objectives by providing technical assistance and training, funding research studies, and sponsoring conferences and seminars.

This Semi-Annual Report describes IPDP activities during the last six months of the project's fourth year, April 1, 1983 to September 30, 1983. During this reporting period, the IPDP Project Leadership underwent several changes. At the end of September, Dr. James E. Kocher, formerly Director of the Population and Development Policy Project at Battelle Memorial Institute, assumed the role of IPDP Project Director, and Dr. Ellen S. Fried was named the project's Deputy Director.

Also during this reporting period, the IPDP Project received supplemental funding to carry out new activities requested by Missions and/or host country planners which would have been precluded because of IPDP budget constraints in the last year of the project. These activities build upon previous IPDP work and fit well within IPDP's individual country strategies. Funding for these activities is being provided by the Africa and Near East Bureaus as well as by individual AID missions.

During the past six months, IPDP has continued to provide technical assistance and training to host country planners in the uses of microcomputers for population and development planning. In conjunction with this training, IPDP has transferred microcomputer equipment and software to host country governments, where necessary. These activities should greatly enhance host country capacity to incorporate population considerations into development planning, and they will continue to be a major thrust of the project.

The IPDP Project is now entering the final year of its five-year contract. During this year, IPDP project staff expect to complete twelve activities begun previously as well as those provided for in the supplemental funding. These activities will include five in-country microcomputer training programs (Mali, Nigeria, Rwanda, Tunisia, Zimbabwe) as well as seminars in Bolivia, Nigeria, Sri Lanka and the Sudan to disseminate the results of completed research and technical assistance activities.

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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 considerations 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 policy-makers. It has been funded for a period of five years (beginning October, 1979) and has been carrying out activities in approximately 20 countries of Africa, the Near East, Asia, and Latin America.

Although the last several decades have seen an increasing awareness in some Third World countries of the difficulties of achieving socio-economic development under conditions of rapid population growth, this has by no means been universal nor have policies and programs consistent with this viewpoint been forthcoming to the extent desirable. There exists, among developing countries, a wide diversity of levels of awareness of population-development relationships as well as variation in the extent to which population factors are integrated into the development planning process. Through its variety of types of assistance, IPDP aims to achieve its goal in each country in a manner which is responsive to the particular local policy and program environment.

The activities carried out by IPDP fall into four major areas: (1) technical assistance; (2) training; (3) research studies; and (4) conferences and seminars. These four areas are closely integrated. Technical assistance is usually carried out in conjunction with training and/or as part of a research project. Research projects serve as vehicles for the provision of substantial technical assistance and training. Conferences and seminars are planned both to disseminate the results of research projects and technical assistance activities and to serve as training activities.

B. Summary of Progress During the Past Six Months

During this reporting period, the IPDP Project Leadership underwent several changes. At the end of September, Dr. James E. Kocher, formerly Director of the Population and Development Policy Project at Battelle Memorial Institute, assumed the role of IPDP Project Director. Dr. Kocher, who joined RTI in July, replaces Dr. James Knowles who left RTI September 30 to manage a private economic and computer consulting firm. Dr. Knowles will continue to work closely with the project during the next several months as a subcontractor. Also in September, Dr. Ellen S. Fried replaced Dr. Scott Moreland as the Project's Deputy Director. In his role as RTI senior economist, Dr. Moreland will continue to provide technical expertise to the project.

During this reporting period, the IPDP Project received supplemental funding to carry out new activities requested by Missions and/or host country planners which would have been precluded because of IPDP budget constraints in the last year of the project. These activities build upon previous IPDP work and fit well within IPDP's individual country strategies. They will serve to further IPDP's attainment of its objective -- to have real impact on population policies and programs in target countries. Funding for these activities, which include a third US-based interregional seminar on population and development planning and policy; microcomputer training seminars in Nigeria, Rwanda, Tunisia and Zimbabwe; a cost-benefit analysis and population-development monograph for Zimbabwe; in-country population and development seminars for Egypt and Nigeria; and microcomputer-based technical assistance for the Institute of the Sahel, Mali, is being provided by the Africa and Near East Bureaus as well as by individual AID missions. Many of these activities are already underway, and all will be completed during the remaining period of the IPDP contract. They represent only a portion of the requests for additional assistance which IPDP has received from host country planners and researchers.

During the past six months, IPDP has continued to provide extensive technical assistance and short-term training to host country researchers and planners to enable them to obtain the skills and tools necessary to carry out future work with a minimum of assistance. IPDP has focused much of this activity on providing technical assistance and training to host country

Summary of Progress During the Past Six Months (continued)

planners in the uses of microcomputers for population and development planning. In conjunction with this training, IPDP has transferred microcomputer equipment and software to host country governments, where necessary. These activities should greatly enhance host country capacity to incorporate population considerations into development planning, and they will continue to be a major thrust of the project. Five in-country microcomputer training programs - Mali, Nigeria, Rwanda, Tunisia, and Zimbabwe - are planned for the coming year.

During the past six months, IPDP staff have continued to monitor and provide assistance in carrying out the project's six active host country research studies (Bolivia, Nigeria, Senegal, Somalia, Sri Lanka, Sudan), and project staff have maintained contact with and provided necessary follow-up support to host country collaborators. No new, previously unscheduled research studies were undertaken. Also during this reporting period, seminars were held in Egypt and Tanzania to disseminate the results of completed research and technical assistance projects; and similar seminars are planned next year in Bolivia, Nigeria, Sri Lanka and the Sudan.

The IPDP project is now entering the final year of its five year contract. During this year, IPDP project staff expect to complete twelve activities begun previously as well as those provided for in the supplemental funding. The dissemination of the results of these activities to high level planners and policymakers will bring to a successful completion a cohesive set of population policy activities in AID target countries.

B. 1 Technical Assistance

During this reporting period, IPDP continued to focus on one of its major objectives: developing the indigenous capabilities of host country researchers and planners to allow them to carry out population and development work as independently as possible. To this end, IPDP provided technical assistance to ten countries: Mali (INSAH), Mauritania, Nigeria, Senegal, Somalia, Sri Lanka, Sudan, Tanzania, Tunisia and Turkey. These technical assistance activities were carried out either as components of research projects or in response to specific requests from host country planners and/or AID Missions. As always, IPDP has carefully combined the provision of technical assistance with the training of host country researchers and planners.

Mali - Institute of the Sahel (INSAH)

At the request of AID/Bamako, Dr. James C. Knowles travelled to Ottawa for three days in August to coordinate with staff of the International Development Research Center (IDRC) RTI's efforts to develop a microcomputer version of MINISIS for the RESADOC unit of the Institute of the Sahel (INSAH) in Bamako, Mali. (MINISIS is a bibliographic data base management program developed by IDRC for the minicomputer and is currently being used throughout the world). With funding provided by AID/Bamako, IPDP is providing RESADOC with a microcomputer based system, including software, which will enable RESADOC to begin entering its bibliographic data into MINISIS-compatible microcomputer data files by the end of this calendar year. IPDP will also provide training to the staff of RESADOC in the use of the new system. This activity is part of AID/Bamako's assistance to RESADOC in developing a regional documentation center in the areas of agriculture, education, health, population and the environment.

Most of the work on this activity, which is scheduled to be completed by the end of December, will be carried out through a subcontract between RTI and the Knowles Corporation.

Technical Assistance (continued)

Mauritania

As planned, Dr. Scott Moreland completed the Hewlett Packard microcomputer version of the IPDP-developed Human Resources Planning Model and delivered the model during a visit to Nouakchott in June. The model was well received by GOM Director of Plan, Mr. Assane Diop, and it is expected that the model will be a useful tool in the formulation of Mauritania's medium term human resources planning. During Dr. Moreland's visit, Mr. Diop repeated his earlier request for IPDP assistance in obtaining an additional HP 86/87 microcomputer. Due to the phasing down of IPDP project activities, alternative sources of funding for the microcomputer are being sought.

Nigeria

As planned, Dr. Pius O. Sada, Professor of Geography at the University of Benin, Nigeria, visited RTI to complete analyzing data and drafting a monograph concerning unemployment, migration and housing in three Nigerian cities as part of his research project on urbanization in Nigeria. During this time he received secretarial, programming and graphics services, in addition to technical assistance, from RTI staff (see Research Studies and Conferences and Seminars).

Senegal

From mid-July through early September, Mr. Ibrahima Diop, Director of the National Census Bureau in Senegal and Principal Investigator on the IPDP-supported research project Senegal-4, visited RTI where he received technical assistance and training while carrying out data processing and analysis on a variety of data sets from St. Louis, Senegal (see also Research Studies and Training). The study focuses on demographic changes over a twenty year period in St. Louis, a typical way-station for the migration of the rural population to Dakar.

Working closely with IPDP systems analyst, Mr. Gordon Cressman, Mr. Diop cleaned, edited and carried out analysis on six of the eight separate data sets which he had brought with him on tape from Senegal.

Technical Assistance (continued)

Senegal (continued)

The magnitude of the task which Mr. Diop had set himself was such that it would have taken years to accomplish in Senegal under current data processing conditions, including as it did cleaning, editing and analyzing data from the census along with seven other data sets. It was not surprising that all of the planned work could not be carried out during Mr. Diop's stay at RTI. Given the importance of the research for development planning in Senegal, RTI agreed to complete work on the two remaining data sets in Mr. Diop's absence and send the results to him in Senegal.

Somalia

As planned, Mr. Abdullahi Scek Ali from the Settlement Development Agency and Mr. Salim Mao Hagi from the Ministry of National Planning visited CPC for two months this summer to receive technical assistance and training in the analysis of data from ex-nomad settlement sites in Somalia as part of the IPDP funded Somalia-1 research project. During this visit, Mr. Abdullahi worked closely with CPC Research Associate Dr. Tod Ragsdale to prepare "The Settlement Documentation Report," a first draft of which has been completed (see Research Studies and Training).

Sri Lanka

During Dr. Dennis Chao's visit to Colombo in September, he reviewed a preliminary report of the cost-effectiveness study of Sri Lanka's family planning program (Sri Lanka-1) and offered his recommendations to the Population Division of the Ministry of Plan Implementation concerning how to revise and complete the study (see Research Studies). During Dr. Chao's visit, Mr. Wijegoonesekera, Director of the Population Division of the Ministry of Plan Implementation, and Dr. Wickrima Weerasooria, Secretary of the Ministry of Plan Implementation, requested that RTI provide additional technical assistance to the MOPI. This assistance would include developing a microcomputer model for presentation of the costs-benefits of the family planning program in Sri Lanka, similar to the one developed by IPDP for Thailand. The AID Mission in Colombo is highly supportive of this request which is now under consideration at RTI.

Technical Assistance (continued)

Sudan

During this reporting period, the draft monograph on household amenities and ownership of consumer durables based on the 1979 Sudan Fertility Survey was approved, with minor revisions, by the Department of Statistics, GOS at whose request it had been prepared. In addition to documenting the disparities in both ownership of consumer durables and household amenities between rural and urban areas and among the regions in the Sudan, this monograph examines population policy related issues including the relationships between ownership of consumer durables and fertility and the relationship between household amenities and recent infant and child mortality.

In May, on a brief visit to Khartoum, Dr. James C. Knowles met with Ms. Joyce Jett, USAID/K, and Dr. Omer El-Tay, Director DOS/GOS. In that meeting, Dr. El-Tay requested that RTI furnish the Government of Sudan with 200 copies of the monograph in Arabic and 300 copies in English. With approval from USAID/W, RTI has had the monograph translated into Arabic and has sent both the Arabic and revised English versions to Dr. El-Tay and USAID/K for their review.

Tanzania

In continuation of support for the microcomputer equipment transferred to the Regional Development Directorate, Arusha, IPDP responded to a request for additional supplies (computer paper, ribbons, a print head). A formal request has been received from the Planning Ministry and Central Bureau of Statistics for further technical assistance in the use of microcomputers for demographic analysis. This request, which was endorsed by both AID/Dar es Salaam and AID/Washington, asks IPDP to (a) develop a specific program of work using the microcomputer, (b) evaluate additional hardware and software needs and (c) evaluate additional training needs. A visit by Dr. Moreland is expected early in 1984.

Technical Assistance (continued)Togo

IPDP was formally requested by the Demographic Research Unit, Universite du Benin, Lome, to help in the data analysis phase of a research study concerned with population and agricultural productivity. This request grew out of contacts made during the February, 1983, Lome microcomputer seminar (see IPDP Semi-Annual Report 10/82 - 3/83). During this reporting period IPDP explored options for the best way of helping the Togolese, and determined that the long-term data analysis needs of Togolese researchers and planners in the population field would be best met by suitably upgrading the Apple computer in IPDP's Regional Office in Lome. Accordingly, appropriate statistical software has been identified and a large capacity (10 megabyte) disk drive has been purchased for the IPDP/Lome office computer. IPDP is transferring the Demographic Research Unit's data to this large capacity disk at RTI/NC. In November, Dr. Scott Moreland will travel to Lome to install the disk and software in the IPDP/Lome office and provide training in its use.

Tunisia

As planned, IPDP population economist Dr. Scott Moreland visited Tunisia in June to begin work with the Human Resources Division of the Ministry of Plan on the adaptation of the IPDP Regional Planning Model for Arusha to Tunisia. Dr. Moreland worked with former IPDP trainee Mr. Mohamed Skouri in designing the framework for a microcomputer-based regionalized human resources planning model for Tunisia. The model will provide projections for each of the 20 "gouvernorats" of Tunisia for population, primary and secondary school enrollment and labor force by education level. A first version of the model was subsequently finished at RTI and sent to Tunisia in August. It is expected that Dr. Moreland will travel to Tunisia in November, 1983, to continue work on the model with Mr. Skouri.

Technical Assistance (continued)Turkey

As follow-up support for the microcomputer-based work of the State Planning Organization (SPO), IPDP responded to a SPO request for additional hardware and software to enhance the capacity of the two Apple microcomputers previously provided to them by the IPDP project. During his visit to Ankara in September, Dr. James Kocher installed the hardware in the Apple computers and trained SPO staff in the use of the software packages which he delivered. These packages included software for reverse population projections, programmed by Dr. James Knowles under the IPDP project, and software for single year age projections (sinsin), programmed by the Population Reference Bureau under another USAID contract.

Also during his visit, Dr. Kocher assessed the use being made by the SPO of the microcomputers and training previously provided by IPDP, and found that they were being used extensively: one computer is being used by SPO demographers, primarily for population projections; and the second, by the Economic Planning section for sectoral modeling and forecasting.

Kenya

In July, RTI received a request from the Futures Group (TFG) for a six month extension to their task order to build a district level population planning model for the Kitui District, Kenya, and to train Government of Kenya representatives in its use. However, in consultations between AID/W, RTI and TFG, it was decided not to renew the task order. This decision was reached due to problems TFG had experienced trying to involve Kenyans in the work.

B. 2 Training

IPDP training activities during this reporting period continued to focus on raising the awareness of planners and policymakers concerning the importance of incorporating demographic factors into economic planning. This training has been carried out through several types of activities. IPDP has supported planners in receiving instruction in population and development planning. IPDP has also carried out training of host country planners in the uses of microcomputers for demographic analysis and development planning and introduced them to software packages which are directly related to planners' needs. In addition, IPDP has trained planners and researchers in the use of the mainframe computer packages SAS and SPSS to analyze large and complex data sets. This training has been carried out in conjunction with providing technical assistance in data analysis and data management, so that planners have learned to use the computers and software packages in the context of their own data needs.

Jordan

In early September, Mr. Taher A. Saleh, Research Officer with the National Planning Council, arrived in the United States to attend the one-semester course on Population and Development Planning at the University of Michigan in Ann Arbor. This course is designed for mid-career professionals from Third World countries who are involved in various aspects of planning, population and manpower. This program teaches participants to determine the implications of population growth for their sectors and the implications of their own activities for demographic phenomena. Funding for Mr. Saleh's training is being provided to the IPDP contract by the Near East Bureau.

Mauritania

During his visit to Nouakchott in June, Dr. Moreland provided training to GOM personnel in the use of the Hewlett Packard microcomputer version of the IPDP Human Resources Planning Model (see Technical Assistance). In particular, Mr. Souleymanne Sow (economist, Direction du Plan) and Mr. Assane

Training (continued)

Mauritania (continued)

Diop (Director, Direction du Plan) received training in the model's use. It is expected that Mr. Sow will receive further training at RTI in the spring of 1984 after he attends courses at the University of Montreal.

Senegal

As planned, Mr. Ibrahima Diop, Director of the National Census Bureau in Senegal and Principal Investigator on the IPDP-supported research project Senegal-4, visited RTI from mid-July through early September where he received technical assistance and training while carrying out data processing and analysis on a variety of data sets from St. Louis, Senegal. Hardware, software and skill constraints had precluded his carrying out this work in a timely fashion in Senegal (see also Research Studies and Technical Assistance).

While at RTI, M. Diop worked closely with IPDP social systems analyst, Mr. Gordon Cressman, and Dr. James C. Knowles. During this time he gained considerable proficiency in using the mainframe computer software package SAS which he had not used before. This manner of working with the data also provided insight into problems of coding, editing and cleaning various types of data sets. M. Diop has expressed great interest in obtaining SAS for use in Senegal.

Somalia

In June, Mr. Abdullahi Scek Ali, Director of Planning in the Settlement Development Agency, and Mr. Salim Mao Hagi, Director of Data Processing in the Ministry of National Planning, arrived in Chapel Hill for training as called for in the Somalia-1 project. During their stay, Mr. Salim was trained in the use of the SAS and SPSS statistical packages to clean, edit and construct data files for analyses; and Mr. Abdullahi worked with CPC Research Associate Dr. Tod Ragsdale to prepare "The Settlement Development Report" (see Research Studies and Technical Assistance).

Training (continued)Togo

In conjunction with providing technical assistance in data analysis to the Demographic Unit of the University of Benin, IPDP will provide in-country training in the use of sophisticated statistical software and a large capacity disk drive for the Apple microcomputer (see Technical Assistance).

Turkey

During his September visit to Ankara, Dr. James Kocher installed additional microcomputer equipment in the Apple II computers previously provided by IPDP to the State Planning Organization (SPO), and trained SPO staff members in the use of the demographic projections and estimations software also being provided by the IPDP project (see Technical Assistance).

B. 3 Research Studies

During the past six months, work continued on the six active IPDP research projects: Bolivia-1, Nigeria-1, Senegal-4, Somalia-1, Sri Lanka-2, and Sudan-1. In September, AID/Bangkok agreed to fund in-country costs for Thailand-2, which had been submitted to RTI in 1981. Work on this project is scheduled to begin in November. Also in September, it was decided that the research proposal Turkey-3, which had been submitted to IPDP in the fall of 1982, could not be completed by the end of the IPDP contract. It was therefore withdrawn by the principal investigator. As the IPDP project enters its final year, no new, previously unscheduled research projects are being undertaken. (Appendix B summarizes the current status of all host-country proposals received by IPDP).

Bolivia-1

During this reporting period, significant progress was made on the project "An Integrated System of Regional Population Projections for Socioeconomic Planning in Bolivia" (Bolivia-1). The project is being conducted through a subcontract between RTI and the University of Wisconsin/Madison under the leadership of Dr. Oleh Wolowyna. The purpose of the project is to develop Bolivia's capability for producing regional population projections and applying them to population policies. Specifically, the project will adapt the multi-regional population projection model developed by Andrei Rogers to the needs of developing countries; develop the corresponding software for both microcomputers and mainframe computers; install the software in Bolivia; train Bolivian professionals in the multiregional projection methodology and the use of the computer programs; and finally sensitize them to the usefulness of regional population projections in sectoral planning. Health has been identified as an appropriate sector for applications, and contacts were made with the Ministry of Health during the July visit of Dr. Wolowyna to Bolivia. The main collaborative institutions in Bolivia are the National Institute of Statistics (INE) and the Population Unit of the Ministry of Plan, both of which are supplying the necessary base line data and parameters for the projection models and will send trainees to the United States.

Research Studies (continued)

Bolivia-1 (continued)

Progress has been made to date on adapting the computer programs in an appropriate fashion for the Bolivian application. A preliminary mainframe version was successfully tried on the INE computer and is nearing completion. A good start has also been made in converting the programs to UCSD Pascal for the Apple microcomputer. This is expected to give the programs wider applicability than Bolivia. Both the mainframe and microcomputer versions of the programs should be completed prior to the expected arrival in the U.S. of two Bolivian trainees in late November.

In addition to the U.S.-based training component of the project, two in-country seminars are planned for early 1984.

Nigeria-1

As planned, Dr. Pius O. Sada, Professor of Geogaphy at the University of Benin, Nigeria, visited RTI from early May through mid-June to complete work on a project concerning urbanization in Nigeria (see also Technical Assistance). During two previous visits of Dr. Sada to RTI (1980 and 1982), IPDP provided support and technical assistance for his project which addresses issues of rapid urbanization in Nigeria, one of the country's most serious development problems. Using survey data collected for three cities in Bendel State, the analysis examines the relationship of migration to employment, unemployment and living conditions in the cities, describes the situation in each city with respect to these characteristics, and then compares the situations in the three cities. One of the most important aspects of the project is the fact that the study cities were selected so that they differed in a number of important aspects, thus allowing comparisons which should be of great interest to development planners.

During his previous visits, Dr. Sada carried out, with technical assistance from RTI, most of the analyses and prepared preliminary drafts of the first eight chapters of a planned twelve chapter monograph reporting the results and indicating the development policy implications.

Research Studies (continued)

Nigeria-1 (continued)

During the current visit, Dr. Sada revised the eight chapters of the monograph which had been written during his previous visit, taking into account the detailed suggestions of the RTI technical staff as well as the results obtained from additional analyses carried out during this visit. Dr. Sada also prepared drafts of the final four chapters of the monograph which include most of the comparative and interpretive portions of the monograph as well as the policy implications. Dr. Sada and the RTI technical staff also discussed and made tentative plans for a seminar to be held in Benin to disseminate the results of this and other studies of urbanization in Nigeria (see Conferences and Seminars).

Senegal-4

During this reporting period, Mr. Ibrahima Diop, Director of the National Census Bureau in Senegal and Principal Investigator on the IPDP-sponsored research project Senegal-4, completed the preparatory work necessary for his trip to RTI to receive technical assistance and training in computer assisted data processing and analysis (see Technical Assistance and Training). The study focuses on demographic changes in the population of the city of St. Louis, Senegal, from 1950 to the present, making use of a variety of data sources which had not previously been analyzed for St. Louis. The importance of the study lies in the fact that St. Louis can be seen as representative of the many small communities which act as way-stations for the migration of rural population to Dakar. A study of changes in fertility, mortality, migration and other factors allows a more complete understanding of urban growth and population problems in these communities which can be applied to population and development planning.

In order to carry out the planned analyses, it was necessary to obtain the data for St. Louis from eight different data sources and to put these data into machine readable form. This work was carried out in Senegal through a subcontract from RTI to the National Census Bureau. The types of data sources used in the study included the vital register of St. Louis, two national

Research Studies (continued)Senegal-4 (continued)

demographic surveys, the 1976 census of the population, the 1978 Senegal Fertility Survey and the 1979 Survey of the Labor Force. The tasks necessary to prepare the data to bring them to RTI for processing and analysis were completed in early July, and M. Diop travelled to RTI to receive technical assistance and training from IPDP staff.

Somalia-1

As part of the Somalia-1 research project, Mr. Abdullahi Scek Ali of the Settlement Development Agency and Mr. Salim Mao Hagi of the Ministry of National Planning arrived at CPC in June to receive training and technical assistance in data processing and analysis. Somalia-1 examines the impact of nomad settlement on fertility and mortality and is being carried out through a subcontract between RTI and the Carolina Population Center (CPC). It had been expected that the Somalis would bring cleaned and edited data tapes with them; however, the computer in Somalia had been broken for several months, and the trainees brought thirty data tapes and all of the questionnaires with them. Attempts were made to read the data tapes on equipment at CPC, RTI and FHI, but only nine of the thirty tapes could be read. All attempts to recover the data from the tapes have failed, and it is currently assumed that the problem stemmed from faulty key-to-tape machines in Mogadishu.

In a meeting between RTI and CPC staff, it was decided that the only way to continue the project would be to rekey the data from the questionnaires. Carrying the project through to completion would have required that additional funds of approximately \$30,000 be added to the CPC subcontract. IPDP budget constraints precluded IPDP from adding this money, and attempts to locate additional funding failed. The project is considered terminated, and RTI expects to receive a final report from CPC in October.

Research Studies (continued)

Sri Lanka-2

During this reporting period, Mr. A.T.P.L. Abeykoon of the Population Division of the Ministry of Plan Implementation completed the cost-effectiveness analysis portion of the Sri Lanka-2 research project, "An Economic Evaluation of Family Planning Activities in Sri Lanka." This research project is being carried out through a subcontract between RTI and the Ministry of Plan Implementation.

A preliminary report was submitted to RTI in September. In the report, the cost-effectiveness of both the national level and the district level family planning programs was estimated for the period 1975 to 1981. When Dr. Dennis Chao visited Colombo in late September, he reviewed the report and had extensive discussions with Mr. Wijegoonesekera, Director of the Population Division, about possible revisions and extensions to the report. It was agreed that the method of measuring births averted should be revised to utilize recent population information and to expand the projection period; that the costs of the family planning program should be re-evaluated and categorized; and that the cost-effectiveness of the family planning program by method should be added. Mr. Rajapakse of the Department of the Census and Statistics was identified as the person to revise the report. He replaces Mr. Abeykoon who has left the country to study abroad. Mr. Rajapakse has extensive experience in the estimation of births averted and is expected to complete the revisions and submit them to RTI by the end of the calendar year.

RTI will issue a no-cost extension to the subcontract changing the completion date to May 1, 1984.

Sudan-1

In August, the Economic and Social Research Council (ESRC) submitted a progress report to Dr. Ismail Sirageldin of the Johns Hopkins University after the completion of phase one of the Sudan-1 research project. This study examines the impact of emigration on public sector productivity, and considers the effectiveness of migration as a means of dealing with employment problems in the Sudan brought on, in part, by rapid population growth. The second stage of the project, which involves conducting interviews with a selected

Research Studies (continued)

Sudan-1 (continued)

sample of individuals based on the sample frame collected in the first phase, has been underway since mid-July and should be completed by early October. In August it was learned that Dr. Mohamed Mirghani, project director in the Sudan, had left the ESRC. It is planned that Dr. Sirageldin will visit Khartoum in the Fall, 1983 to discuss the issue of a new ESRC project director and to provide technical assistance to the ESRC. During this trip, plans will also be finalized for the visit to Baltimore in March, 1983 of an ESRC staff member to receive technical assistance and training in analyzing the project data.

Thailand-2

In May, the final revision of the Thailand-2 project, "Planning for Family Planning Programs and Social Services in Thailand," was approved by the Department of Technical and Economic Cooperation of the Thai Government. This project is a follow-up study to the IPDP-funded cost-benefit study of Thailand's family planning program. Because of IPDP funding constraints, AID/W requested that AID/Bangkok provide funding for the in-country costs of the project. In September, AID/Bangkok agreed to support the project.

The project is expected to start in November, and RTI will provide necessary technical and management inputs to ensure the project's success. A visit to Bangkok is planned by Dr. Dennis Chao in early October to lay the groundwork for the project.

Turkey-3

During Dr. James Kocher's visit to Ankara in September, he met with Dr. Sunday Uner of Hacettepe University, the principal investigator for the proposed research project Turkey-3, "Determinants of Contraceptive Use and the Role of Family Planning Availability and Accessibility in Turkey." This proposal had been submitted to IPDP in the Fall of 1982, and by February, 1983, both IPDP staff and the USAID/W research review board had approved funding for the proposal. However, approval by the U.S. Embassy in Ankara was

Research Studies (continued)Turkey-3

delayed, and Embassy officials ultimately decided to postpone consideration of the proposal until after they were able to review the results of the September 1983 Directorate of FP/MCH Conference. In discussions between Dr. Kocher, Dr. Uner and other HIPS staff members, it was decided that the project work could not be completed by September, 1984, the end date of the IPDP Contract. It was therefore agreed that HIPS should withdraw the proposal, with the possibility that it might be revised and reconsidered at a later time under the follow-up IPDP project or through some other funding mechanism.

B. 4 Conferences and Seminars

Conferences and seminars carried out or planned during this reporting period played an important role in heightening the awareness of government officials concerning the development problems associated with rapid population growth. These seminars were held primarily to disseminate the results of completed research and technical assistance activities (Egypt, Tanzania) or for the purpose of training (Tunisia). In addition to the seminars described below, IPDP staff began planning for a third interregional seminar on population and development planning tentatively scheduled for June 1984. This two-week seminar will bring together approximately 30-35 senior-level planners from developing countries.

Egypt

In May, Dr. James C. Knowles and IPDP consultant Dr. Allen Kelley travelled to Alexandria, Egypt to attend a two-day, IPDP funded conference on population and development planning. The conference, which was conducted in Arabic, was held under the auspices of the National Population and Family Planning Board. Partial funding was provided to the IPDP contract by USAID/Cairo.

The purpose of the conference was to disseminate the findings of recent Egyptian family planning studies and to show how population information could be used in Egyptian development planning. Much of the planning for the conference took place during the late March/early April visit to Chapel Hill of Dr. Hussein Sayed, Supervisor for the Planning Office, National Population and Family Planning Board. Dr. Sayed worked with Drs. Knowles and Kelley and with IPDP consultants Drs. Nabil El-Khorazaty and George Simmons during his ten-day stay. The conference program was laid out and drafts of all the speeches were completed.

The Conference was attended by about forty senior officials of several different ministries, including Health, Education, Agriculture, Manpower and Planning. The first day of the conference was devoted to a presentation of recent research findings on Egyptian population. About 100 Arabic language slides, prepared at RTI, were used to accompany the verbal presentations. Among the research findings presented were those of the IPDP-funded research project "Evaluation of the Impact of Rural Development Program Interventions

Conferences and Seminars (continued)Egypt (continued)

on Fertility" (Egypt-1) carried out by Drs. Atef Khalifa and Nabil El-Khorazaty of the National Population and Family Planning Board (NPFPPB) and by Dr. Allen Kelley of Duke University.

The second day of the conference was concerned with how these data could be used in actual planning and how best to organize to make this possible. A highlight of the second day of the conference was a computer-assisted presentation of an education sector planning model which showed how population growth made certain quality-quantity trade-offs necessary in education. This model, which was presented by Dr. Khorazaty, was developed at RTI and was based on the model developed by UNESCO.

The conference was considered a success by all who attended, and participants requested that similar models be prepared for other sectors, such as health, manpower and agriculture, and that additional presentations of the education model be made in their ministries.

Nigeria

During Dr. Sada's visit to RTI in May to complete work on his research study on unemployment, migration and housing in three Nigerian cities (Nigeria-1), Dr. Sada and the RTI technical staff discussed and made preliminary plans for a seminar to be held in Benin, Nigeria (see also Research Studies and Technical Assistance). This two day seminar would provide much useful information to Nigerian planners on rapid urbanization as well as providing additional impetus for focusing on the more general problem of Nigeria's rapid population growth. Results of the Nigeria-1 study and other studies on urbanization in Nigeria would be presented, focusing on the problems of rapid urbanization and the implications for development planning. It is expected that 50-60 planners from the State Ministries of Integrated Rural-Urban Development and the Federal Ministry of Environment and Housing as well as other officials from relevant ministries would attend this Seminar.

Conferences and Seminars (continued)

Nigeria (continued)

It is planned that work for the seminar will be carried out through a subcontract between RTI and the University of Benin; and firm workplans, including dates of the Seminar, will be finalized early in the next reporting period. Funding for this seminar is being provided to the IPDP contract by the Africa Bureau.

Senegal

In September, IPDP received a letter from Mr. Abd-El Kader Faye, Executive Secretary of the National Population Commission (CONAPO), reiterating his interest in having IPDP participate in a two day symposium on the integration of population variables into development planning, tentatively scheduled for December in Dakar. Mr. Faye has requested that IPDP prepare a version of the population-education planning model presented at the Egypt conference. Mr. Faye would like IPDP to initialize the model with Senegalese data and translate the model into French for presentation at the CONAPO-sponsored conference. IPDP is now awaiting further clarification from Mr. Faye to see if the dates of the Seminar will allow enough time for IPDP to prepare the model.

Tanzania

As expected, the sixth in the series of IPDP sponsored district-level population seminars took place in Kiteto district, Arusha region. This seminar was the first such seminar organized entirely by Tanzanians and was conducted by former IPDP trainees A. J. Lwelamila and James Milay of the Regional Development Directorate, Arusha. Attended by over forty local officials, the seminar used the IPDP-developed Arusha Regional Planning Model to present local data on population and land use pressure and introduce participants to elementary techniques for population and data analysis.

Conferences and Seminars (continued)Tunisia

During his June visit to Tunis, Dr. Moreland was asked by the Ministry of Plan about possible IPDP support for a two-week, in-country seminar on the uses of microcomputers in planning and population analysis. A formal request was subsequently received by IPDP from the Ministry of Plan for the seminar and four additional microcomputer systems. It is expected that this activity will take place in early 1984.

Turkey

In September, Dr. James E. Kocher travelled to Ankara to attend a four day conference on the improvement of family planning activities in Turkey, organized by the General Directorate of Family Planning and Mother-Child Health. The conference was held under the sponsorship of the Ministry of Health, and participants were from current and potential donor organizations, both governmental and non-governmental. The purpose of the conference was to provide a forum for participants to share their ideas and expertise for implementing Turkey's new family planning program.

C. Travel

Table 1 contains a list of all international travel undertaken during the current reporting period, while Table 2 contains a list of all international travel projected to take place under IPDP during the next six month reporting period (October 1, 1983 - March 31, 1984). The information in Table 2 is tentative; in some cases trips, dates, and travelers may change due to presently unforeseen circumstances.

Table 1

Completed International Travel During Current Reporting Period
March 31, 1983 - September 30, 1983

<u>Name</u>	<u>City, Country</u>	<u>ETA</u>	<u>ETD</u>
Sayed, Hussein (Egypt)	Chapel Hill, U.S.A.	83-03-28	83-04-10
Sada, Pius (Nigeria)	Chapel Hill, U.S.A.	83-05-02	83-06-14
El-Khorazaty, Nabil (Consultant)	Alexandria, Egypt	83-05-14	83-06-02
Kelley, Allen (Consultant)	Alexandria, Egypt	83-05-20	83-05-29
Knowles, James	Khartoum, Sudan	83-05-21	83-05-23
Knowles, James	Alexandria, Egypt	83-05-23	83-05-28
Knowles, James	Amman, Jordan	83-05-28	83-06-04
Moreland, Scott	Tunis, Tunisia	83-06-10	83-06-25
Moreland, Scott	Nouakchott, Mauritania	83-06-27	83-07-01
Ali, Abdullahi Scek (Somalia)	Chapel Hill, U.S.A.	83-06-28	83-08-09
Haji, Salim Mao (Somalia)	Chapel Hill, U.S.A.	83-06-28	83-08-26
Wolowyna, Oleh (U. Wisc.)	La Paz, Bolivia	83-07-11	83-07-21
Diop, Ibrahima (Senegal)	Chapel Hill, U.S.A.	83-07-15	83-09-14
Knowles, James	Ottawa, Canada	83-08-02	83-08-06
Saleh, Taher (Jordan)	Ann Arbor, Michigan	83-09-08	83-12-20
Kocher, James	Ankara, Turkey	83-09-11	83-09-17
Chao, Dennis	Colombo, Sri Lanka	83-09-24	83-10-09

Table 2Proposed International Travel: October 1, 1983 - March 31, 1984

<u>Name</u>	<u>City, Country</u>	<u>ETA</u>	<u>ETD</u>
Chao, Dennis	Colombo, Sri Lanka	83-09-24	83-10-09
Chao, Dennis	Bangkok, Thailand	83-10-09	83-10-13
Sirageldin, Ismail (JHU)	Khartoum, Sudan	83-10-20	83-10-30
Kocher, James	Lagos, Nigeria	83-11-06	83-11-11
Scott, Mary	Lagos, Nigeria	83-11-06	83-11-11
Kocher, James	Lome, Togo	83-11-11	83-11-14
Scott, Mary	Lome, Togo	83-11-11	83-11-20
Knowles, James	Paris, France	83-11-02	83-11-05
Knowles, James	Bamako, Mali	83-11-06	83-11-30
Moreland, Scott	Lome, Togo	83-11-08	83-11-13
Moreland, Scott	Kigali, Rwanda	83-11-14	83-11-17
Moreland, Scott	Tunis, Tunisia	83-11-18	83-11-23
Trainee I (Bolivia)	Madison, Wisconsin	83-11-XX	83-11-XX
Trainee II (Bolivia)	Madison, Wisconsin	83-11-XX	83-11-XX
Saleh, Taher (Jordan)	Ann Arbor, Michigan	83-09-08	83-12-20
Wolowyna, Oleh (CPC)	La Paz, Bolivia	84-01-16	84-01-30
Chao, Dennis	Harare, Zimbabwe	84-01-XX	84-01-XX
Fried, Ellen	Harare, Zimbabwe	84-01-15	84-01-30
Kocher, James	Harare, Zimbabwe	84-01-15	84-01-23
Kocher, James	Lagos, Nigeria	84-02-XX	84-02-xx
Cressman, Gordon	Lagos, Nigeria	84-02-XX	84-02-XX
Scott, Mary	Lagos, Nigeria	84-02-XX	84-02-XX
Moreland, Scott	Lagos, Nigeria	84-02-XX	84-02-XX
Moreland, Scott	Kigali, Rwanda	84-03-XX	84-03-XX
Moreland, Scott	Dar es Salaam, Tanzania	84-03-XX	84-03-XX
Trainee I (Sudan)	Baltimore, Maryland	84-03-XX	84-03-XX

D. Contract Expenditures and Projections

During this reporting period, the IPDP contract received supplemental funding from regional and mission sources to undertake additional activities. The budget presented in Table 3 is based on "Article VI - Budget" of Amendment No. 10 to the IPDP contract, and shows the revised contract amount of \$5,344,382.

Table 4 shows contract expenditures during the current reporting period (i.e., the last six months of Year IV) compared to budgeted amounts for the same period. The budgeted amounts are taken from the IPDP Project Budget (Table 3). The figures in column 2 of Table 4 are actually one-half of the totals budgeted for Year IV. Contract expenditures for this six month period exceeded budgeted amounts by 23%. This situation in large part is attributable to the fact that work on many of the supplemental tasks, which are all budgeted for in Year V, was actually begun during this reporting period (Egypt Seminar, Near East training, assistance to INSAH).

The current overall budget status is presented in Table 5 which shows that total expenditures for the first four years of the contract exceeded the budget for that period by 5%. It was projected that expenditures would exceed budget for the four-year period by 2.67%.¹ The difference between projected and actual amounts (approximately \$95,000) can, largely, be attributed to work done on the supplemental tasks during the past six months.

Table 6 shows the budgeted and projected contract expenditures for the next six month period. As indicated in Table 6, most line item expenditures are expected to run close to those projected with the notable exceptions of "Consultants" and "Subcontracts." "Consultants" charges are computed to run about 80% under budget for the first six months since most consultant expenditures in Year V are connected with the interregional seminar scheduled for June. Subcontract expenditures will exceed budget by about 140% because of delays in subcontractor billings which have postponed payments until Year V.

¹Table 6, Semi-Annual Report: Year 4, March 1983.

Table 3: IPDP Five Year Budget

Line Item	YEAR I	YEAR II	YEAR III	YEAR IV	YEAR V	TOTAL
	FR: 10/1/79 TO: 9/30/80	FR: 10/1/80 TO: 9/30/81	FR: 10/1/81 TO: 9/30/82	FR: 10/1/82 TO: 9/30/83	FR: 10/1/83 TO: 9/30/84	ESTIMATED COST FR: 10/1/79 TO: 9/30/84
1. Direct Labor	\$129,431	\$ 257,067	\$ 284,628	\$246,157	\$ 313,445	\$ 1,230,728
2. Indirect Technical Expense	102,682	226,744	247,594	212,567	273,960	1,063,547
3. Consultants	5,100	31,812	25,907	17,184	30,940	110,943
4. Travel and Allowances	103,963	146,882	249,067	77,369	215,617	792,898
5. Other Direct Costs	42,707	69,344	133,757	61,343	225,156	532,307
6. Subcontracts	34,564	221,593	338,339	224,238	119,846	938,580
7. OMASE	37,661	75,433	124,116	83,886	124,142	445,238
Estimated Total Cost	456,108	1,028,875	1,403,408	922,744	1,303,106	5,114,241
Fixed Fee	<u>20,526</u>	<u>46,298</u>	<u>63,155</u>	<u>41,523</u>	<u>58,639</u>	<u>230,141</u>
TOTAL	<u>\$476,634</u>	<u>\$1,075,173</u>	<u>\$1,466,563</u>	<u>\$964,267</u>	<u>\$1,361,745</u>	<u>\$5,344,382</u>

Table 4

Contract Expenditures During Current Reporting Period
Compared to Budgeted Expenditures
1 April, 1983 - 30 September, 1983

Expenditure Category	Actual (\$)	Budgeted ¹ (\$)	Actual as Percent of Budgeted (%)
Direct Labor	143,876	123,079	117.0
On-site	134,141	116,759	115.0
Off-site	9,735	6,320	154.0
Indirect Technical Expense	130,386	106,284	123.0
On-site	128,535	105,083	122.0
Off-site	1,850	1,201	154.0
Consultants	35,469	8,592	413.0
Travel and Allowances	63,553	38,685	164.0
Other Direct Costs	76,174	30,672	248.0
Subcontracts	49,935	112,119	45.0
U.S. Collaborators	10,689	39,907	27.0
Host Country	39,246	72,212	54.0
Subtotal	499,398	419,431	119.0
OMASE	66,527	41,943	159.0
Total Cost	565,926	461,374	123.0
Fixed Fee	25,467	20,762	123.0
Total Price	591,392	482,136	123.0

¹Budgeted figures for the current reporting period are equal to one-half the total budgeted amount for Year IV (see Table 3).

Table 5

Cumulative Contract Expenditures Compared to
Budgeted Expenditures
1 October 1979 - 30 September 1983 (48 months)

Expenditure Category	Actual (\$)	Budgeted ¹ (\$)	Actual as Percent of Budgeted (%)	
Direct Labor	969,123	917,284	106.0	
On-site	920,167	876,054	105.0	
Off-site	48,956	40,471	121.0	
Indirect Technical Expense	835,826	789,588	106.0	
On-site	826,524	781,899	106.0	
Off-site	9,302	7,725	120.0	
Consultants	114,261	90,003	127.0	
Travel and Allowances	685,607	577,282	119.0	
Other Direct Costs	394,841	307,152	129.0	
Subcontracts	655,451	818,739	80.0	
U.S. Collaborators ²	522,442	554,223	94.0	
Host Country	132,668	264,516	50.0	
Subtotal	3,655,110	3,490,048	105.0	
OMASE	347,975	321,096	108.0	
Total Cost	4,003,085	3,811,144	105.0	
Fixed Fee	180,139	171,503	105.0	
Total Price	4,183,223	3,992,647	105.0	

¹ See Table 3 for IPDP Project Budget.

² Subcontracts with U.S. Collaborators contain sizeable host country subcontracts.

Table 6

Projected Contract Expenditures During Next Reporting
 Period Compared to Budgeted Expenditures
 1 October 1983 - 31 March 1984 (6 months)

Expenditure Category	Projected (\$)	Budgeted ¹ (\$)	Projected as Percent of Budgeted (%)
Direct Labor	147,803	156,723	94.3
Indirect Technical Expense	127,484	136,980	93.1
Consultants	3,100	15,470	20.0
Travel and Allowances	94,693	107,808	87.8
Other Direct Costs	134,965	112,578	119.9
Subcontracts	134,965	59,923	242.1
Subtotal	653,133	589,482	110.8
OMASE	71,845	62,071	115.7
Total Cost	724,977	651,553	111.3
Fixed Fee	32,624	29,320	111.3
Total Price	757,601	680,873	111.3

¹ Budgeted figures for next reporting period (i.e., first half of Year V) are one-half of the total budgeted amounts for Year V (see Table 3).

A-1

Appendix A

Summary of IPDP Activities in Target Countries from Project

Inception through September, 1983

AFRICA

Botswana

Project Development

Visit of K. Allen (5/10/81-5/23/81) at request of AID/Gaborone to develop a research proposal (Botswana-1) with the University College of Botswana, Department of Nursing Education. Second visit of K. Allen to Gaborone to develop proposal for follow-up study to Botswana-1 (3/1/82-3/21/82). Visit of E. Fried (7/24/82 - 8/15/82) included discussions with Ministry of Finance and Development Planning, University, and MOH personnel concerning possible future activities.

Research Studies

Subcontract (Botswana-1) with UCB for study of "Attitudes Toward Family Size and Family Planning," was extended and expanded to include data processing and analysis of survey results. Project coordinator is Pia du Pradal, principal investigator is Serara Kupe. E. Fried visited Botswana to monitor project and provide technical assistance (7/24/82 - 8/5/82). Second progress report and an annotated bibliography given to E. Fried by project coordinator (7/82). Coding of questionnaires completed and codesheets brought to RTI where data processing and analysis were carried out (9/82). (See below for technical assistance and training carried out in conjunction with this study). Preliminary final report submitted to RTI 1/83. MOH indicated data to be used in effort to include family life education in early years of school and to teach reproduction and family planning in Trade Unions. Final report received by RTI 4/83.

Technical Assistance

A selected bibliography for Botswana-1 was prepared by RTI and sent to the UCB at their request. K. Allen provided assistance in developing follow-up proposal (3/82). Manuals for use in coding the survey results of the subcontract study prepared by RTI (7/82). Codebooks carried to Gaborone by E. Fried who trained the coders and project coordinator in data processing and coding (7/24/82 - 8/5/82). (See below for training and technical assistance in analysis).

Training

As part of Botswana-1 research project, Mr. Seja Mokomane, Central Statistics Office, Ministry of Finance and Development Planning, came to RTI to receive training in use of computer software package and in data analysis (9/82) while carrying out analysis of survey data.

Conferences and Seminars

None to date.

Future Work

Possible participant in IPDP Population and Development Planning Seminar, Spring 1984.

Ivory Coast

Project Development

Visit of Jim Knowles (6/5/80 - 6/6/80) limited to meeting with USAID/REDSO staff. Visit of K. Allen (4/10/81 - 4/16/81) for RAPID demonstrations. Visit of D. Bamezon-Toulan (12/2/82 - 12/5/82) for project development and to review population policy and research situation in Ivory Coast at request of REDSO. Visit of P. Segbor (1/28/82 - 1/30/82) to discuss migration seminars. Visit of D. Bamezon-Toulan (5/25/82 - 5/27/82) to discuss proposal on infant mortality.

Research Studies

"Study of Rural Emigrant Areas in the Ivory Coast" (Ivory Coast-1) submitted by CIRES (1/82) was rejected by RTI because it did not correspond to IPDP objectives (3/82). Revised proposal may be submitted by CIRES.

Technical Assistance

None to date.

Training

Mr. B. Traore, Demographer, University of Ivory Coast, attended the Lome Conference (6/9/80 - 6/12/80).

Conferences and Seminars

Proposed Migration Seminars postponed.

Future Work

None.

Kenya

Project Development

Visit of J. Oucho to RTI (9/27/80 - 10/2/80) to discuss Kenya-1.

Research Studies

"The Impact of Population Growth on Universal Primary Education in Kenya" (Kenya-1) rejected by USAID research review committee (6/81).

Technical Assistance

Futures Group work to prepare a district level human resources planning model for Kitui, Kenya cancelled (7/83) due to inability to identify Kenyan collaborators within Central Bureau of Statistics or Ministry of Planning.

Training

J. Oucho, Demographer, Population Studies and Research Institute, University of Nairobi, attended both the Lome Conference (6/9/80 - 6/12/80) and the 1980 Fall Seminar (9/13/80 - 9/26/80).

Conferences and Seminars

None to date.

Future Work

None

Liberia

Project Development

Visit of A. S. David (11/26/79 - 11/27/79). Visit of D. Bamezon - Toulan (4/30/82-5/7/82).

Research Studies

Liberia-1 (Male Participation in Fertility Regulation) received preliminary review by RTI and AID/W (1/82). Letter requesting revisions based on RTI and AID/W reviews sent 3/82. Revised proposal received by RTI (6/82) and submitted to AID/W (6/82). Research Review Committee rejected proposal in its present form (7/82). Researchers notified of review committee action and its suggestions for revisions (7/82). Researchers indicate intention to submit revised proposal (8/82). RTI received revised proposal 9/82. Proposal sent to AID/W for review. Lack of funds precludes IPDP support for project at this time. Authors notified that IPDP is seeking additional funding 1/83. Proposal passed to Westinghouse for possible CPS funding.

Technical Assistance

At request of Mr. Abel Massalee, Director of Population Division, Ministry of Planning and Economic Affairs, IPDP provided technical assistance in evaluating and analyzing data from 2-round demographic survey (10/82 - 11/82).

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). Mr. Frances Konneh, Assistant to Director of Population Division, MPEA, visited RTI for four (4) weeks in October - November, 1982 to receive training in computer assisted analysis and evaluation of survey data in connection with technical assistance provided on 2-round demographic survey.

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

Possible participation in 1984 IPDP Seminar.

Mauritania

Project Development

Visits of J. Knowles (6/3/80 - 6/4/80, 6/24/80 - 6/26/80). Visits of J. Tomaro (10/4/80 - 10/10/80) and K. Allen (10/30/80 - 11/19/80) were requested by the USAID Mission to develop specific projects. Visit of S. Seims and IPDP Evaluation Team to Nouakchott (6/82).

Research Studies

None to date.

Mauritania (continued)

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 delivered the preliminary version of the model to the Ministry of Plan and discussed further development of the model (9/13/81 - 9/19/81). Model subsequently revised at RTI. S. Moreland delivered revised version of model and implemented it on local computer (2/22/82 - 2/26/82). Revised version well received. Ministry requested that model be implemented on micro-computer. Mission endorsed requests (8/82) for conversion to microcomputer. Assane Diop, Director of Plan, visited RTI (1/17/83) for discussion of project activities. Diop requested that several sectors of Arusha model be adapted to Mauritania model. A demographic profile of Mauritania prepared by IPDP was translated into French for GIRM distribution. S. Moreland delivered microcomputer version of model (6/27/83-7/1/83). Model well received and currently being used.

Training

Souleymanne Sow, Ministry of Plan, attended 1981 Population-Development Planning Seminar (10/81). Sow and Diop trained in use of microcomputer version of human resources model.

Conference; and Seminars

K. Allen presented RAPID to USAID Mission and GIRM during her visit (11/80).

Future Work

GIRM requested IPDP provide them with HP87 microcomputer (10/82, 6/83). IPDP funding constraints prevented supporting this and Mission was requested to fund. Sow training scheduled for Summer/Fall 1982 delayed pending decision in this regard. Participant from Mauritania may attend IPDP Population-Development Seminar, Spring 1984.

Nigeria

Project Development

Visit of Dr. P. Sada, University of Benin, to RTI (10/80 - 12/80) under Fulbright grant was used partially for project development. D. Bamezon-Toulan (9/28/81-10/2/81) accompanied AID/CTO S. Seims on an exploratory visit. Follow-up visit of J. Knowles, D. Bamezon - Toulan and S. Seims (6/6/82 - 6/11/82).

Research Studies

Nigeria-1, "Population, Employment and Living Conditions in Three Nigerian Cities," was approved by AID/Washington and Mission (8/81). Dr. Sada visited RTI 7/21/82 - 8/13/82 to carry out some supplementary analysis and preliminary report preparation. Dr. Sada visited RTI 5/2/83 to 6/14/83 where he completed his data analysis and drafted the final four chapters of his monograph with assistance from RTI technical and support staff (see future work for Seminar). Preliminary proposal for Nigeria-2 received (7/81) and RTI requested revisions from the principal investigator, Dr. Aderanta Adepoju of the University of Ife (8/81). In May, 1982 IPDP received a letter from Dr. Adepoju indicating that the proposal had been revised and that he was seeking endorsement from the relevant ministries. To date IPDP has not received a revised proposal.

Nigeria (continued)

Technical Assistance

Three person team from UNC and RTI (Hatch, Lacey-UNC and Hicks-RTI) visited Lagos to provide technical assistance to National Population Commission (8/82).

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

A seminar/workshop in Nigeria is planned to disseminate results of Dr. Sada's study. Microcomputer technical assistance and training seminar planned for planners from state and central government. Initial planning visit to be made by M. Scott and J. Kocher 11/83. Possible Nigerian participant in IPDP Population-Development Planning Seminar, Spring 1984.

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). Visit of S. Seims and IPDP Evaluation Team to Kigali (6/82).

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 (Rwanda-2) (3/82).

Technical Assistance

RTI/IPDP requested by Mr. Twagirayezu of Ministry of Plan to provide technical assistance in data management and analysis on microcomputers (2/82). AID/W approved the use of IPDP funds to purchase software and peripheral equipment for the Apple II at the Statistics Bureau, (7/82). Equipment was purchased and sent (8/82).

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, Director - General of Statistics, attended the 1981 Population-Development Planning Seminar (10/81) in Baltimore. Consultant Suzanne Saulniers taught a course in research methodology at the National University of Rwanda 1/6/82 - 1/27/82. Innocent Nyabyenda from the Statistics Bureau spent 3 weeks (8/1/82 - 8/20/82) at RTI learning how to use software packages for the Apple which are of general practical utility to the Statistics Bureau. Knowles met with Twagirayezu in Washington (9/83) to discuss plans for IPDP microcomputer seminar in Rwanda.

Rwanda (continued)

Conferences and Seminars

None to date.

Future Work

IPDP expects to carry out technical assistance and training seminar on microcomputers for ONAPO and Department of Statistics. Possible Rwandan participant in IPDP Population-Development Planning Seminar, Spring 1984.

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. Visit of S. Seims and IPDP Evaluation Team to Dakar (6/82).

Research Studies

Project with the Bureau National du Recensement (BNR) to process and analyze 1979 Labor Force Survey data (Senegal-1) completed. Work on Senegal-3, a study of emigration from the Bakel region, was carried out at RTI as technical assistance. Senegal-2 has been postponed since its principal investigator (A. K. Diop) is currently working for the UN in Cameroon. Senegal - 4, a study of demographic change in St. Louis, under way 2/82. Work to be carried out partly in Senegal and partly at RTI in conjunction with training and technical assistance.

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 CONAPOPOP, 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. Boubou Cisse, CREA, came to RTI for assistance in analyzing data from a study on emigration from the Bakel region of Senegal (Senegal - 3) in 5/82. In conjunction with microcomputer training provided to Mr. Diame (see below) and at the request of Mr. Abdul Khadir Faye, IPDP provided peripheral equipment to CONAPOPOP for their Apple II which would enable Mr. Diame to carry out analysis of some of his data using the CONAPOPOP microcomputer (3/83). I. Diop, principal investigator on Senegal-4 and Director BNR, visited RTI 7/83-9/83 to receive technical assistance and training on mainframe computer while carrying out analysis of data from St. Louis. RTI acted as procuring agent for the Department of Statistics, GOS and purchased two IBM-XT's which will be shipped to Dakar.

Senegal (continued)

Training

M. N'Diaye (Ministere du Plan et de la Cooperation) and A. K. Diop (Secretaire Executif of CONAPOPOP) 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, (7/31/81,9/1/81) 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 CONAPOPOP, attended 1981 Population-Development Planning Seminar (10/81). (Also see above technical assistance on Senegal-1 and Senegal-3). Mr. El Hadji Malick Diame, Demographer in the Ministry of Health, attended seminar on use of microcomputers in Population and Development Planning in Lome, Togo (2/83).

Conferences and Seminars

None to date.

Future Work

Participant from Senegal may attend IPDP Population-Development Planning Seminar, Spring 1984. A. Faye has requested that IPDP prepare a version of the Egyptian population-education model based on Senegalese data and translated into French for presentation at a CONAPOPOP-sponsored conference on population and development planning. IPDP expects to carry out the work if date of the Seminar will allow enough time.

Somalia

Project Development

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

Research Studies

Field work completed on Somalia-1. Five progress reports received from CPC. Additional funding request by GOS and CPC turned down (5/82). However, scope of work remains unchanged and CPC contributing \$10,000 to assure project completion. Contract modification extending completion date to 10/83 signed by CPC (6/83).

Technical Assistance

Somalia-1 involves technical assistance by UNC/POPLABS staff in survey design and implementation and data processing. In this capacity T. Ragsdale visited Somalia (12/31/81-1/16/82 and 7/25/82 - 10/1/82).

Training

Dr. H. E. Fahie, Director General, Ministry of Planning, and Mr. Awes Sceek, 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). Two Somalis came to CPC where they were to receive short-term training in data processing and analysis. It had been expected that they would bring cleaned and edited data tapes with them; however, the computer in Somalia had been broken for several months. Therefore the trainees brought 30 data tapes and all of the questionnaires with them. Upon

Somalia (continued)

attempting to read the data tapes, it was discovered that only 9 of the 30 could be read. Attempts to locate additional funding failed. The project is considered terminated and RTI expects to receive a final report from CPC. The Somalis received training in data processing and using a statistical package based on the 9 readable data tapes.

Conferences and Seminars

None to date.

Future Work

Participant from Somalia may attend IPDP Population-Development Planning Seminar, Spring 1984.

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 visits of I. Sirageldin (9/15/81-9/21/81, 9/4/82 - 9/15/82 and 1/8/83-1/13/83) to develop research project (Sudan-1) on migration with the Sudanese Economic and Social Research Council.

Research Studies

Sudan-1 was approved (4/82) and studies the impact of migration on public sector productivity in the Sudan. It is being carried out through a subcontract between the Johns Hopkins University and the Economic and Social Research Council (ESRC) in the Sudan. In 6/82 AID/Khartoum requested budget reduction. JHU prepared subcontract for ESRC and basic study design and questionnaire format. During visit of I. Sirageldin (JHU) in 9/82 ESRC would not sign subcontract due to budget changes and subcontract phraseology. Project proposal renegotiated and agreed upon by AID/Khartoum, ESRC and JHU. Budget increased by \$15,000. Work began 6/82. Phase I completed (7/83). Principal investigator from ESRC M. Mirghani left ESRC (7/83). Visit by I. Sirageldin planned for Fall '83 to discuss issue of new ESRC Project Director and provide technical assistance.

IPDP and AID/W reviewed a proposal entitled "Policy Considerations of High Mortality Among Sudanese Infants and Children" submitted by Dr. A. M. Farah of the DOS. IPDP suggested Farah explore alternative sources of funding since budget constraints preclude its funding project at this time (1/83).

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 was completed 12/82 and submitted to the Department of Statistics and AID/K. DOS approved monograph with minor revisions (4/83) and requested 200 copies in Arabic and 300 copies in English (5/83). Arabic translation has been completed and sent to DOS and USAID/K for comments (8/83). Visit of I. Sirageldin (1/8/83 - 1/13/83) provided technical assistance on Sudan-1.

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

Sudan (continued)

Training

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

None to date.

Future Work

Seminar planned to disseminate results of Sudan-1. IPDP to provide 200 copies in Arabic and 300 copies in English of monograph based on data from Sudan Fertility Survey. Participant from Sudan may attend IPDP Population-Development Planning Seminar, Spring 1984.

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. During visit of S. Moreland (8/12/82 - 8/25/82) plan for IPDP activities in Tanzania prepared.

Research Studies

Three preliminary research proposals have been received from Tanzanian researchers. Tanzania-1 was not considered relevant to IPDP by RTI and Tanzania-2 was not sufficiently detailed to permit technical evaluation. No response received to request for additional information. Tanzania-3 rejected due to non-availability of data for study.

Technical Assistance

K. Allen established design of and collected data for a multi-sector, district-level economic-demographic model (9/81). S. Moreland, K. Allen and J. Stover (Futures Group) developed a Regional Planning Model for Arusha (RPMA) for the Apple-II micro-computer (3/82 - 7/82). Moreland delivered model and two Apple systems during visit (8/12/82 - 8/25/82). Computers and model were installed at Arusha Regional Planning Office and at Ministry of Plan, Dar es Salaam. Moreland participated in an evaluation of Regional Planning Office's computer facilities (8/82). Five reports on "Population and Development" for six districts of the Arusha region prepared by IPDP consultant Alan Johnston for Arusha Regional Planning office.

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. Makenbe, 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. Mr. A. Mkini (Manpower Division) and Ms. A. Mtui (Population Division) of central government received computer training (4/19/82 - 6/18/82) at Control Data Institute and in use of Regional Planning Model at RTI (6/20/82 - 7/13/82). Mr. A. J. Lwelamila of the Arusha Planning Office, received computer training at

Tanzania (continued)Training

CDI (5/1/82 - 7/14/82) and in use of Regional Planning Model at RTI (7/15/82 - 7/30/82). Consultant Alan Johnston worked with individual members of Arusha Regional Development Directorate (Feb. 83) in micro-computer based planning techniques.

Conferences and Seminars

K. Allen presented RAPID in Arusha (9/81). Five workshop/tutorials on model use of RPMA and Apple held in Arusha (8/15/82 - 8/21/82). Seminars on RPMA held at Mission (8/24/82) and at Ministry of Planning (8/25/82). Six day training course on the use of RPMA model and microcomputers held in Arusha (12/6/82 - 12/11/82). Consultant Johnston and Tanzanian counterpart conducted 5 district-level seminars on population pressure in Arusha region (Feb. - March 1983). Sixth district-level seminar (for Kiteto conducted by Arusha regional planning officers and IPDP trainees Lwelamila and Milay (4/18/83 - 4/29/83).

Future Work

Further technical assistance and support for RPMA model. Study proposal on Population Pressure in one district of Arusha region anticipated. Formal request for further technical assistance and training in micro-computers for Ministry of Plan and Central Bureau of Statistics received (7/1/83). AID/DSM and AID/W endorsed request, S. Moreland expected to travel to Dar es Salaam early 1984. Tanzanian participant may attend IPDP Population-Development Planning Seminar, Spring 1984.

TogoProject 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 P. Segbor and D. Bamezon-Toulan. H. Minis (2/26/82-3/6/82) assisted Segbor in development of IPDP projects in Togo. J. Knowles signed the Accord de Siege for IPDP's African Regional Office with the Government of Togo and helped plan regional activities and travel for Lome staff (5/30/82 - 6/14/82).

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).

Technical Assistance

Demographic Unit of Universite du Benin requested IPDP assistance in data processing stage of a research study currently underway.

Togo (continued)

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. Dr. Segbor spent three weeks at RTI (8/6/82 - 9/1/82) learning how to program the Apple II computer and to use different types of applications software. An Apple II computer system was subsequently installed in the IPDP Lome Office for use by Togolese planners and researchers (9/82). Dr. Segbor and Ms. Bamezon-Toulan helped plan seminar on the Use of Micro-computers in Population and Development Planning in Lome, Togo (2/83). In addition, five Togolese nationals participated in the seminar: Mr. Mensan Assogba, Demographer/Economist and Mr. Kokou Vignikin, Economist, from the University of Benin; Mr. Aziadouvor Edeh and Mr. Folly Megbayowo, Statisticians, from the Statistics Department; and Mr. Comlavi Jondoh, Statistician from the Ministry of Plan.

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). Two-week regional seminar on the use of microcomputers in planning, including 10 participants from 6 countries, held 2/83. Several Togolese participated in the Conference (see Training above).

Future Work

IPDP to provide hard disk system for IPDP Africa Regional Office Apple computer and necessary statistical software and training in its use. Togolese participant may attend IPDP Population-Development Planning Seminar, Spring 1984.

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 demo-graphic 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 were sent to AID/Ouagadougou (4/82). Dr. Segbor visited Upper Volta to discuss revisions to subcontracts and assist with planning of seminars and research studies (6/82). Knowles visited Upper Volta (11/82) during which it was determined that Upper Volta-1, Upper Volta-2 and Upper Volta-3 could not be expected to be carried out due to other commitments of the principal investigators. In discussions with AID/Ouagadougou it was decided to substitute IPDP training in the use of the Apple II for these projects.

Upper Volta (continued)

Technical Assistance

K. Allen provided assistance, as requested by AID/Ouagadougou, to prepare two research proposals (12/80). In conjunction with training provided to INS staff members, IPDP purchased peripheral equipment to supplement Apple computer at INS.

Training

M. Francois Zoungrana, Director of Planning, and Mr. Celestin Bado, Ministry of Plan, attended the 1980 Fall Seminar. Mr. H. Lougue, Demographer at INSD, trained at RTI (12/82) in the use of demographic programs written for the Apple II. Mr. Adjima Gbangou and Mr. Zakarie Sanou, both from the National Institute of Statistics, attended IPDP organized seminar on use of microcomputers in Population and Development Planning, Lome 2/14/83 - 2/25/83.

Conferences and Seminars

None to date.

Future Work

Further technical assistance in use of Apple II microcomputer expected. Participant from Upper Volta may attend IPDP Population-Development Planning Seminar, Spring 1984.

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

E. Fried and J. Kocher to visit Harare to discuss microcomputer seminar and other possible IPDP activities with G. Mandishona (11/83). Interest expressed by GOZ in IPDP funding of and assistance in preparation of monograph on Population and Development in Zimbabwe with Central Statistical Office. G. Mandishona of CSO has indicated need for seminar on uses of microcomputers in planning. T. Chimpira of Child Spacing Association expressed interest in C-B of family planning in Zimbabwe similar to Thailand work. Participant from Zimbabwe may attend IPDP Population-Development Planning Seminar, Spring 1984.

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 published as book by Duke University Press (7/82). Based on discussions with AID/W (4/23/82), research proposals, Egypt-2, -3, -4 - 5 officially rejected in 6/82 letter to Dr. Sarhan.

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

Seminar was carried out in May, 1983 in Alexandria to present findings of Egypt-1 and other current population research in Egypt to upper-level ministerial members. This two day conference included presentation of a microcomputer population-education sector model developed by RTI and based on the UNESCO model. A. Kelley, J. Knowles and N. El-Khorazaty attended the seminar.

Future Work

Participant from Egypt may attend IPDP Population-Development Planning Seminar, Spring 1984.

Jordan

Project Development

Visits of J. Knowles (11/10/80 - 11/11/80) and Dr. Nizamuddin (12/17/80-12/19/80). Visit of Dr. B. Shrydeh, Director of Statistics, to RTI (5/81) to discuss project development. Visit of E. Heilman (2/27/82 - 3/6/82). Visit of Dr. Nizamuddin to CPC to discuss project development (7/8/82 - 7/22/82).

Research Studies

Final report for Jordan-1 drafted during visit of F. Hiyari, Director, Bureau of Census, Department of Statistics, to CPC (8/14/82 - 9/10/82), was completed by DOS, Amman, and sent to RTI in early March, 1983. Study uses Jordan Fertility Survey to examine some of the correlates of contraceptive use.

Technical Assistance

Futures Group has provided technical assistance under IPDP to the National Planning Council for RAPID follow-up activities. Visits of J. Stover (5/23/80 - 5/30/80, 8/15/80 - 8/20/80, 2/14/82-2/18/82) and J. Bye (5/23/80 - 5/30/80). IPDP provided SPSS package to University of Jordan for two years (12/82-11/83) for the IBM 4341. Dr. Nizamuddin has assisted in training Jordanian researchers in the use of SPSS in Jordan.

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

Jordan (continued)

Training

staff in data processing and statistical analysis. Mr. Nazieh Masarweh of National Planning Council visited the Futures Group (7/81) to receive training on the Apple II computer. Jordan-1 provided short-term training for two Jordanians in data processing and for one Jordanian in demographic analysis. Mr. Fathi Al-Nsur and Mr. Hakim Yousef of the Department of Statistics completed a 12-week training course at UNC (1/16/82 - 4/17/82) on the use of SPSS to analyze the data sets from the Jordan Fertility Survey (1976). The third Jordanian trainee, Mr. Fahad Hiyari, visited UNC in August, 1982, for four weeks for collaborative data analysis and draft report writing. Mr. Taher A. Saleh, Research Officer at the National Planning Council, supported to attend semester long course on Population and Development Planning at University of Michigan, Ann Arbor (9/83 - 12/83).

Conferences and Seminars

None to date.

Future Work

Participant from Jordan may attend IPDP Population-Development Planning Seminar, Spring 1984.

Tunisia

Project Development

Visit of J. Knowles and S. Seims (11/3/80 - 11/4/80) and J. Knowles (3/8/82 - 3/12/82) to explore possibilities for IPDP activities.

Research Studies

None to date.

Technical Assistance

Mr. Abdeljelil Jabeur and Mr. Hamadi Djaziri, Institut National de la Statistique, visited RTI (10/82) to receive assistance in the analysis of a Tunisian survey in Population and Employment using the Statistical Analysis System (SAS). IPDP provided microcomputers to both Human Resources Division and the National Statistics Institute (2/83). S. Moreland visited Tunis (6/11/83-6/24/83) to work with S. Skouri and other Ministry of Plan staff in design of a microcomputer based Tunisian regional human resources planning model. Preliminary version of model updated at RTI and sent 8/83 to Skouri (6/11/83 6/24/83).

Training

Mr. Khalil Belhaouane, Deputy Director of Social Affairs, Ministry of Plan and Finances attended the 1980 Population-Development Planning Seminar (9/80) in Chapel Hill. Mr. Mohamed Skouri, Economist, Human Resources Division, Ministry of Plan and Finance, completed the University of Michigan's Training Program in Population and Development (9/82 - 12/82). Mr. Skouri attended intensive English course at the American Language Institute in Georgetown (8/82). Mr. Skouri and Mr. Abdelhamid Ben M'Rad of the Institut National de la Statistique attended seminar on use of microcomputers in population and development planning in Lome, Togo (2/83).

Tunisia (continued)

Conferences and Seminars

See Future Work.

Future Work

Request from Ministry of Plan received (7/27/83) for a two week in-country training seminar on the use of microcomputers in population analysis and planning. Ministry of Plan asked for 4 microcomputer systems in this request. Further refinement of human resources model anticipated. Participant from Tunisia may attend IPDP Population - Development Planning Seminar, Spring 1984.

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. J. Kocher attended donor's conference (9/83).

Research Studies

E. Fried reviewed proposal concerning research on adolescent reproduction in Turkey (Turkey-2). Revised proposal submitted to RTI and AID/W for review (4/82). AID Research Review Committee rejected Turkey-2 (5/82) suggesting other possible topics. An additional research proposal (Turkey-3), "Determinants of Contraceptive Use and Role of Family Planning Availability and Accessibility in Turkey (1978)" by S. Uner, Hacettepe University passed on to IPDP by Battelle (9/82). Request for revisions sent to author 10/82. Revised proposal, submitted 11/82, approved by RTI and AID/W. AID/W requested Embassy concurrence (2/83). Embassy concurrence postponed until after FP/MCH conference 9/83. In discussions between Kocher and HIPS staff in Ankara (9/83), it was decided that project could not be completed by end of IPDP contract. Proposal withdrawn by P.I.

Technical Assistance

Technical assistance provided to SPO in connection with microcomputer seminar (see below). J. Kocher provided additional software and training to SPO during visit to Ankara 9/83.

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). Three trainees from SPO (Veysel Yayan, Kemal Kamiloglu, Ilhan Ozaltin) attended one semester course on Population Development Planning and intensive English language courses at the University of Michigan (7/82 - 12/82). Training provided to SPO staff in connection with micro-computer seminar (see below).

Conferences and Seminars

J. Knowles and L. McMaster presented Seminar on microcomputers in planning for the SPO, May 17 - 27, 1982. Two complete Apple II systems were installed for SPO use following the seminar. IPDP continues to provide back-up for this equipment and related software.

Turkey (continued)

Future Work

Additional technical assistance will be provided to SPO. Participant from Turkey may attend IPDP Population-Development Planning Seminar, Spring 1984.

ASIA

Nepal

Project Development

Visit of A. S. David (4/12/80 - 4/23/80). Visit of G. Simmons (7/2/82-7/28/82).

Research Studies

Work is completed on Nepal-1, a study by Integrated Development Systems (IDS), of the benefits and costs of fertility reduction. A final report of the study has been submitted to IPDP (3/83).

Technical Assistance

IPDP consultant 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 (3/81 - 9/81). IPDP funds also provided, at USAID Mission request, for translation and printing of RAPID presentation booklets into Nepalese. Chao/Knowles sent technical comments to Pandey on his paper, "A Proposed Working Model for a Cost-Benefit Study of Fertility Decline in Nepal" (11/82). 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) and the equipment was delivered to Mission/Kathmandu by G. Simmons when he visited Nepal (7/82). G. Simmons also examined the existing Nepalese infant mortality data and advised the Population Commission on how to prepare a research proposal on that subject.

Training

Attendance of V. Maila 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 (10/18/81 - 10/29/81). IPDP funded training of Mr. B. R. Bhattarai from the Population Commission in 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

George Simmons gave a seminar to the staff of the Population Commission on the topic of infant mortality in Nepal (7/82) during visit to provide technical assistance under Nepal-1.

Nepal (continued)

Future Work

Population Commission may request IPDP's technical assistance in analyzing Nepalese infant mortality data. IDS plans to submit a new proposal on the value of children.

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 to NEDA and the University of Philippines. Request approved by AID/W and AID/Manila. Akin, Bass and Guilkey provided T.A. (7/82) under CPC Task Order #12.

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) in Baltimore.

Conferences and Seminars

Seven seminars took place in July, 1982 as part of CPC technical assistance activity to train NEDA staff in use of software.

Future Work

IPDP may provide additional training in use of microcomputers in population and development planning.

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). Visit of G. Simmons (7/31/82 - 8/8/82).

Research Studies

Sri Lanka-1 was funded by IDRC (Canada). Two proposals (Sri Lanka-2 and Sri Lanka-3) have been approved by AID/W. Work on Sri Lanka-2 is underway. AID/Colombo rejected Sri Lanka-3 because it objected to the use of project funds to pay salaries of GOSR Planners. During Simmons' visit (8/82), AID/Colombo also expressed the opinion that the technical part of the proposal needed to be revised.

Sri Lanka (continued)

Technical Assistance

In connection with the cost-benefit study of the Family Planning Program, the Population Division of the Ministry of Plan Implementation (MOPI) requested IPDP technical assistance in estimating births averted through the Program and in making population projections. IPDP has completed the estimation of births averted and has sent the results to MOPI (3/83). Additional technical assistance from RTI to complete the Cost-benefit analysis was requested by the MOPI (7/83). D. Chao visited Sri Lanka 9/83 to provide technical assistance to MOPI to facilitate the progress of the cost-benefit study.

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

None to date.

Future Work

If additional funding becomes available, microcomputer assistance would be provided by RTI to MOPI in connection with Sri Lanka-2. Results of Sri Lanka-2 may be used to develop a computer-assisted presentation on cost-benefit analysis similar to that done for Thailand. This work would be presented in a series of seminars.

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 of the Cost-Benefit Study of the National Family Planning Program of Thailand, was sent to RTI in December 1981 and approved by AID/W (2/82). USAID Mission had objections to the proposal and requested it be revised. During his trip to Bangkok (3/82), D. Chao worked out some guidelines for revisions with Thailand-2's principal investigator, Dr. Thienchay. Dr. Thienchay resubmitted Thailand -2 proposal to RTI (6/82) for review. It was decided that further revision was necessary to obtain Mission's approval. D. Chao completed second revision at RTI and the proposal was sent to AID/Bangkok for its evaluation (12/82). The proposal was approved by the Mission and the government of Thailand (4/83). Because of IPDP funding constraints, AID/Bangkok agreed to fund in-country costs for the project (9/83). Dr. Chira Hongladarom, Director of Human Resource Institute, visited RTI during Fall Seminar and met with A. Finkner. Dr. Chira submitted a three page proposal for a study of the "Socioeconomic Impact as Consequences of Population Decline in Thailand: A Micro Study at the Household Level." IPDP informed him (5/82) that funding was not possible because the project involves large scale primary data collection and is too expensive.

Thailand

Technical Assistance

In response to a request from the Ministry of Public Health of the Royal Thai Government, D. Chao and K. Allen (RTI) and E. Abel and J. Stover (TFG) developed a computer-assisted analysis and presentation showing the benefits and costs of the Thai National Family Planning Program (4/81 - 7/81). The results of the study were presented to many government agencies, private institutions, and international organizations in Bangkok (8/81). The study was revised and D. Chao visited Bangkok again in March 1982 to present the revised model. The Cost-Benefit Study of Thailand was presented to the 1982 Population Association of America Meetings in San Diego (4/82).

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 Population-Development Seminar (10/81) in Baltimore.

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 3/6/82 (Thailand-3) with IPDP support (attended by D. Chao).

Future Work

D. Chao to visit Bangkok 10/83 to discuss plans for Thailand-2 project with the mission and the economic research unit of the Chulalonghorn University.

LATIN AMERICA

Bolivia

Project Development

Visit of UNC/University of Wisconsin demographer Dr. Oleh Wolowyna (3/17/83-3/29/83) to establish working relationships with host country institutions for Bolivia-1 (See Research Studies).

Research Studies

Bolivia-1 proposal ("An Integrated System of Regional Population Projections for Socioeconomic Planning in Bolivia") received (6/82) from Dr. Oleh Wolowyna of Carolina Population Center. Proposal endorsed by Mission, LA Bureau, and AID/W and passed Office of Population Research Review Committee (8/82). Subcontract issued to University of Wisconsin, Madison following Wolowyna's transfer from CPC. Wolowyna traveled to La Paz (3/12/83-3/29/83) obtaining formal collaborative agreements with Institute National de Estadistica (INE) and Populatiz Unit of Ministry of Plan. Programming and data analysis started for project. Wolowyna visited LaPaz (7/11/83-7/21/83) to test out preliminary version of computer programs and to arrange for training of Bolivians under project.

Training

None to date.

Conferences and Seminars

Two training Seminars planned for early 1984 as part of Bolivia-1.

Future Work

Training in use of population projection techniques anticipated as part of Bolivia-1. Completion of Bolivia-1 anticipated, Spring 1984.

APPENDIX B
IPDP PROPOSALS

Bangladesh - 1

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

Bolivia - 1

Title: Integrated System of Regional Population Projections
for Socio-Economic Planning in Bolivia
Host Inst.: I.N.E.
Researcher: Oleh Wolowyna and C. M. Suchindran
Status: Underway
Budget: \$49,899
Date Recd: 82-06
Dates: 83-01-01 to 83-12-31
Duration: 12

Botswana - 1

Title: Attitudes toward Family Size and Family Planning
Host Inst.: Univ. of Botswana, Dept. of Nursing Education
Researcher: Kupe, Serara
Status: Completed
Budget: \$24,093
Date Rec'd.: 81-05-XX
Dates: 81-08-01 to 83-03-31
Duration: 20

Egypt - 1

Title: Evaluation of the 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 published by Duke University Press); Results
disseminated at Conference in Alexandria May, 1983.
Budget: \$13,165
Date Rec'd.: 80-07-25
Dates: 80-04-15 to 81-01-15
Duration: 9

A-20

IPDP PROPOSALS

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

Egypt - 3

Title: Study of Contraceptive Discontinuance Reasons and Rates
Host Inst.: Cairo University
Researcher: Sarhan/Mustafa
Status: Rejected 4/82
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 4/82
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 4/82
Budget: \$23,000p
Date Rec'd.: 81-05-26
Dates: NA to NA
Duration: 12

A-21

IPDP PROPOSALS

Ghana - 1

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

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, Prem
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, Dimy
Status: Rejected (preliminary proposal)
Budget: \$30,000p
Date Rec'd.: 82-01-15
Dates: NA to NA
Duration: NA

A-122

IPDP PROPOSALS

Jordan - 1

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

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: Consideration Deferred
Budget: \$33,450p
Date Rec'd.: 82-01-15
Dates: NA to NA
Duration: 18

Nepal - 1

Title: Cost-Benefit Analysis of Fertility Decline in Nepal
Host Inst.: Integrated Development Systems, Ltd.
Researcher: Panday, Devendra
Status: Completed
Budget: \$29,712
Date Rec'd.: 80-07-30
Dates: 81-04-01 to 83-05-31
Duration: 26

1.227

IPDP PROPOSALS

Nigeria - 1

Title: Population, Employment and Living Conditions in Three Nigerian Cities
Host Inst.: University of Benin
Researcher: Sada, Pius
Status: Underway
Budget: \$23,802p
Date Rec'd.: 80-11-26
Dates: 82-07-21 to 83-12-31
Duration: 17

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

19-24

Rwanda - 1

Title: Socio-psychological Behavior of the Rwandan, Relative to the Demographic
Situation of Rwanda
Host Inst.: Institut Paedagogique Nationale
Researcher: Ndengejeho, Pascal
Status: Rejected
Budget: \$12,500p
Date Rec'd.: 80-09-08
Dates: NA TO NA
Duration: 6

IPDP PROPOSALS

Rwanda - 2

Title: Population and Rural Development in Rwanda
Host Inst.: Dept. des Sciences Sociales, U. Nationale du Rwanda
Researcher: Twagiramutara, Pancrace
Status: Postponed (at request of researcher)
Budget: \$11,766p
Date Rec'd.: 80-10-30
Dates: NA to NA
Duration: NA

Senegal - 1

Title: Demographic Growth and the New Orientation of Agricultural Labor
toward the Informal Sector
Host Inst.: Bureau National du Recensement
Researcher: N'Diaye, N'Diappe
Status: Completed
Budgeted: \$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, Abdou
Status: Postponed
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: Completed
Budget: \$1,575
Date Rec'd.: 81-05-15
Dates: 82-05-03 to 83-05-31
Duration: 3

A-25

IPDP PROPOSALS

Senegal - 4

Title: Demographic Aspects of the Growth of St. Louis, Senegal from 1950 to the Present
Host Inst.: Bureau National du Recensement
Researcher: Diop, Ibrahima L.
Status: Underway
Budget: \$7,677
Date Rec'd.: 82-11-09
Dates: 83-02-01 to 83-11-30
Duration: 10

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

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

Sri Lanka - 2

Title: An Economic Evaluation of Family Planning Activities in Sri Lanka
Host Inst.: Ministry of Plan Implementation
Researcher: Abeykoon, A.T.P.L.
Status: Underway
Budget: \$6,730
Date Rec'd.: 80-06-15
Dates: 81-09-01 to 84-05-31
Duration: 33

1-26

IPDP PROPOSALS

Sri Lanka - 3

Title: Population Growth and Future Living Conditions in the Mahaweli Diversion Area
Host Inst.: Ministry of Plan Implementation
Researcher: Wijegunasekera, D. P.
Status: Postponed
Budget: \$12,612
Date Rec'd.: 80-06-15
Dates: NA
Duration: NA

Sudan - 1

Title: The Impact of Emigration on the Public Sector in the Sudan
Host Inst.: Economic and Social Research Council
Researcher: TBA
Status: Underway
Budget: \$90,760
Date Rec'd.: 81-10-01
Dates: 82-06-01 to 84-05-31
Duration: 24

Sudan - 2

Title: Policy Considerations of High Mortality Among Sudanese Infants and Children
Host Inst.: Dept. of Statistics (Khartoum)
Researcher: Farah, Abdul-Aziz M.
Status: Seeking funding elsewhere, since IPDP support not available.
Budget: \$36,250
Date Rec'd.: 82-07-19
Dates: 83-05-01 to 84-04-30
Duration: 12

Syria - 1

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

A-27

IPDP PROPOSALS

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, Issa
Status: Rejected
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, Benson
Status: Rejected (preliminary proposal)
Budget: \$NA
Date Rec'd.: 80-05-10
Dates: NA to NA
Duration: NA

Tanzania - 3

Title: Agricultural Productivity and Population Growth in Mainland Tanzania
Host Inst.: Dept. of Statistics, Univ. Dar es Salaam
Researcher: Namfua, Pelad and Ismail Sirageldin
Status: Postponed
Budget: \$39,000
Date Rec'd.: 82-06-07
Dates: 82-09-XX to 83-09-XX
Duration: 12

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: NA to NA
Duration: NA

19-28

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/Rachwaniwan
Status: In country costs (\$16,660) to be funded by AID/Bangkok; work to begin 11/83.
Budget: NA
Date Rec'd.: 81-12-01
Dates: 83-10-01 to 84-06-30
Duration: 9

Thailand - 3

Title: Conference on Research in Population Economics: Its Needs and Uses
Host Inst.: Faculty of Economics, Chulalongkorn University
Researcher: Thienchay, Kiranandana
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 Adoloscents and Women on Ag. Production in Center -
and South-East Togo
Host Inst.: National Institute of Scientific Research
Researcher: Sossah, Kounoutcho
Status: Consideration Deferred
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, Kounoutcho
Status: Consideration Deferred
Budget: \$14,700p
Date Rec'd.: 81-10-31
Dates: NA to NA
Duration: 12

A-29

IPDP PROPOSALS

Togo - 3

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

Turkey - 1

Title: Migration and Agricultural Employment Patterns in Selected Rural Areas
Host Inst.: Institute for Population Studies, Hacetepe University
Researcher: Uner, Sunday
Status: Postponed (at request of researcher)
Date Rec'd.: 80-06-15
Dates: NA to NA
Duration: NA

Turkey - 2

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

Turkey - 3

Title: Determinants of Contraceptive Use and Role of Family Planning Availability
and Accessibility in Turkey
Host Inst.: Institute of Population Studies, Hacettepe University
Researcher: Uner, Sunday
Status: Withdrawn by Researcher
Budget: \$13,741p
Date Rec'd.: 82-09
Dates: NA to NA
Duration: NA

A-30

IPDP PROPOSALS

Upper Volta - 1

Title: The Dimensions and Determinants of Rural to Urban Migration in Upper Volta
Host Inst.: Institut National de la Statistique et de la Demographie
Researcher: Dakuyo, Mathias
Status: Cancelled
Budget: \$14,630p
Date Rec'd: 81-01-05
Dates: NA to NA
Duration: 12

Upper Volta - 2

Title: The Impact of the AVV settlements on Rural Income, Demog. Factors, Health and Education
Host Inst.: Institut National de la Statistique et de la Demographie
Researcher: Zoungrana, Francois
Status: Cancelled
Budget: \$21,300p
Date Rec'd.: 81-01-05
Dates: NA to NA
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, Sidiki
Status: Cancelled
Budget: \$23,245
Date Rec'd.: 81-01-05
Dates: 82-04-01 to 82-10-31
Duration: 7

A-31