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SEMI-ANNUAL REPORT: YEAR 4
1 October 1982 - 31 March 1983

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

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SUMMARY

IPDP Semi-Annual Report: Year 4
1 October 1982 - 31 March 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 first six months of the project's fourth year, October 1, 1982 to March 31, 1983. Much of IPDP's work during the past six months has concentrated on building indigenous capabilities so that host country planners and researchers can carry out as independently as possible the work of integrating population into development planning. IPDP has succeeded in doing this by providing short-term training and technical assistance and, where necessary, by providing microcomputer equipment and software. As part of this work, IPDP carried out two highly successful seminars on the uses of microcomputers for population and development planning, one for regional and central government planners in Arusha, Tanzania, and the other in Lome, Togo, for francophone planners from six African and Near Eastern countries. During this six month period, IPDP staff have continued to monitor and provide assistance in carrying out host country research projects, and, as always, have maintained contact with and provided necessary follow-up support to host country collaborators.

In addition, IPDP staff have prepared for future activities which will focus on providing technical assistance and training as well as on disseminating the results of completed research and technical assistance projects to high level planners and policymakers.

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A. Introduction

The Integrated Population and Development Planning Program (IPDP) is a USAID centrally funded project designed to assist planners in developing countries to make fuller and more effective use of demographic data in development planning and to increase their awareness of the development problems associated with rapid population growth. IPDP's main goal is to integrate population policy into development planning so that planners are able to reinforce family planning initiatives by communicating a thorough understanding of the development implications of rapid population growth to policymakers. 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, Asia, Latin America, and the Middle East.

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

As planned, IPDP project activity and expenditures peaked in the project's third year (October, 1981 to September, 1982) and began to decrease during the past six months. IPDP has responded to the decreased level of funding by focusing activities in fewer countries and by targeting those countries in which the greatest potential can be attained. IPDP has also undertaken more cost effective in-country training and technical assistance activities. In addition to these cost saving measures, the project has also decreased the level of staff activity.

Many of the activities planned and undertaken during the first three years of the project are now being concluded, and little new work, particularly of a long-term nature, is being undertaken. During the past six months the sub-projects Botswana-1, Nepal-1 and Jordan-1 were completed, and only one previously unscheduled project, Senegal-4, was undertaken.

Much of IPDP's work during the past six months has concentrated on building indigenous capabilities so that host country planners and researchers can carry out as independently as possible the work of integrating population into development planning. IPDP has succeeded in doing this by providing short-term training and technical assistance and, where necessary, by providing microcomputer equipment and software. As part of this work, IPDP carried out two highly successful seminars on the uses of microcomputers for population and development planning, one for regional and central government planners in Arusha, Tanzania, and the other in Lome, Togo, for francophone planners from six African and Near Eastern countries.

Although project activity has diminished considerably during the past six months (see Table 3), it is evident that there is continued need for the types of activities which IPDP has carried out. During the past eight months IPDP has received numerous requests for assistance from planners and researchers which could not be supported due to a lack of funds. These have included requests from Botswana, Liberia, Nigeria, Rwanda, Senegal, Sudan, Tanzania and Zimbabwe.

During the next six months much IPDP activity will focus on disseminating the results of completed research and technical assistance projects to high level planners and policy makers. This will be done primarily through conferences and seminars (as in the cases of Egypt, Jordan, Nigeria and Tanzania) as well as through the distribution of the final reports of concluding projects. IPDP staff will continue to provide technical

Summary of Progress During the Past Six Months (continued)

assistance and training to host country planners and researchers in order to develop indigenous capabilities in population and development planning. In addition, IPDP will continue to monitor and provide assistance in carrying out host country research projects. As always, IPDP staff will endeavor to maintain contact with and provide necessary follow-up support to planners and researchers to whom the project has provided assistance.

B. 1 Technical Assistance

IPDP has provided technical assistance to six countries during this reporting period: Liberia, Mauritania, Sri Lanka, Sudan, Tanzania, and Tunisia. These technical assistance activities have been carried out either as components of research projects or in response to specific requests from host country planners. All are follow-on activities to work started during previous reporting periods. In addition to the technical assistance activities described in this section, IPDP staff assisted participants in working with data they had brought with them to the IPDP Regional Seminar on the Uses of Microcomputers in Population and Development Planning in Lome, Togo (see Appendix A for Seminar Report).

Liberia

As planned, Mr. Francis Konneh, assistant to the Director of the Population Division, Ministry of Planning and Economic Affairs, visited RTI from mid-October to mid-November to receive technical assistance and training in evaluating and analyzing data from a two-round demographic survey carried out by the government of Liberia in 1978 and 1979. The government had expected that the information gathered on births, deaths and migration as well as other data would be of great use to development planners; however, preliminary tabulations carried out by the Division suggested that there might be serious problems of data quality. Since the data sets were large and complex and since it was likely that extensive consultations with experts from several fields would be necessary, it had been decided that the activity would be carried out at RTI where computer facilities and software as well as personnel would be readily available.

During his stay at RTI, Mr. Konneh worked with RTI sociologist Dr. Ellen Fried, as well as with several programmers and sampling experts. Evaluation of the data and methods was successfully carried out and tabulations of the second round data based on specifications of the Division were produced. This work makes available to Liberian planners a great deal of information about the population which will be useful to them in their development planning and which might otherwise not have been available to them.

Technical Assistance (continued)

Mauritania

In January, 1983, GIRM Director of Plan Assane Diop visited RTI to discuss the development of the IPDP Human Resources Planning Model for Mauritania. During his visit, Mr. Diop reiterated his request for RTI assistance in adapting the model to the Hewlett Packard 86 microcomputer to which he has access in Mauritania. Mr. Diop was also given a demonstration of the Regional Planning Model for Arusha (RPMA) and subsequently requested that certain sectors of that model be adapted to the Mauritania model. Dr. Moreland is currently nearing completion of the microcomputer version of the model, which he is programming in HP extended BASIC.

Sri Lanka

In August, the principal investigator of the Sri Lanka-2 research project, "Cost-Benefit Analysis of Family Planning Activities in Sri Lanka," requested that RTI provide technical assistance to the project since a shortage of personnel precluded the Population Division from carrying out all of the work as originally planned (Sri Lanka-2 is being carried out through a subcontract between RTI and the Population Division, Ministry of Plan Implementation). It was agreed that IPDP Population Economist Dr. Dennis Chao would provide assistance by carrying out estimation of births averted which could be attributed to past family planning programs and by making projections of the future population under varying assumptions concerning the expenditure level of future family planning programs. This work involved collecting all available demographic and family planning data and then making estimates of births averted from 1971 to 1981 using the CONVERSE computer program developed by the Population Council. In March, the results were sent to the Population Division in Sri Lanka.

Technical Assistance (continued)

Sudan

Sudan-1

During this reporting period, technical assistance was carried out by the Johns Hopkins University in connection with the IPDP-supported research project "Impact of Emigration on Public Sector Productivity: The Health Sector" which is being carried out by the Economic and Social Research Council under a subcontract with JHU. This sub-project is expected to demonstrate some of the social costs involved in relying on international migration as a safety valve for rapid population growth. In January, Dr. Ismail Sirageldin of JHU travelled to Khartoum where he worked with the ESRC in developing a revised time schedule for the project, reviewing the questionnaire to be used to interview personnel in the Ministry of Health, developing the instrument to be used for the sample frame, and examining the logistics of the study. Upon his return, Dr. Sirageldin and JHU consultant Dr. Ellen Kraly continued work on the questionnaire which they expect to send to the ESRC for review in April (See Research Studies).

Sudan Monograph

Also during this reporting period, the draft monograph on household amenities and ownership of consumer durables based on the 1979 Sudan Fertility Survey was sent to AID/Khartoum and to the Department of Statistics, GOS at whose request it had been prepared. This report documents the disparities in both ownership of consumer durables and household amenities between rural and urban areas and among the regions in the Sudan. Among the population policy related issues examined in the monograph are the relationship between household amenities and recent infant and child mortality and the relationship between the ownership of consumer durables and fertility. With respect to the relationship between fertility and ownership of consumer durables, the data suggest that there may be a tendency for some couples, in areas where consumer goods are available, to invest in these goods rather than in additional children. The findings concerning infant and child mortality suggest that with respect to certain household amenities, such as sanitary facilities, the consequences of deprivation are inversely related to survival.

Tanzania

During this reporting period, six district reports on Population and Development for the Arusha region were prepared by IPDP consultant Alan Johnston for the Regional Planning Office, Arusha in conjunction with former IPDP trainees, A. Lwelamila and J. Mlay. The reports' objectives were to review population and land use statistics and estimates which are currently available for each district; to provide population projections for the districts; and to discuss the collection, analysis and use of population and land use statistics for development planning. Population growth has been identified as a major constraint to economic development in Arusha region and the reports underlined this by emphasizing the relationships between village level land use and population size.

One hundred copies of the reports were duplicated and distributed to officials at the national, regional and district levels. It is expected that the reports will provide a comprehensive set of Regional data for Arusha for use in the 83/84 Annual Development Plan. The reports formed the basis of district-level seminars conducted during February and March 1983 (See Conferences).

Tunisia

As planned, two staff members from the Tunisian National Statistics Institute visited RTI for three weeks in October to receive technical assistance and training in analysis of data from large surveys. During their stay, they worked closely with Drs. Knowles and Moreland, as well as with several RTI programmers (see Training).

Kenya

As planned, RTI issued a task order to The Futures Group (TFG) to work with IPDP in building a district level population planning model for the Kitui District, Kenya, and to train Government of Kenya representatives in its use. Work was scheduled to begin October 15, 1982; however, the unavailability of one of the principal Kenyan collaborators from the Kenyan Central Bureau of Statistics put the future of the project in doubt. TFG subsequently contacted officials within the Ministry of Planning who expressed interest in the project. The Kenyans are reportedly now collecting data for the model prior to TFG's starting work.

B. 2 Training

IPDP training activities during this reporting period have continued to focus on raising the awareness of planners and policymakers to the importance of demographic factors in economic development. This training has been carried out through several types of activities. IPDP has supported planners in receiving instruction in population and development planning. Also, IPDP has carried out training of host country planners in the use 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 package SAS 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.

Liberia

As mentioned above, Mr. Francis Konneh, assistant to the Director of the Population Division, Ministry of Planning and Economic Affairs, visited RTI from mid-October to mid-November to receive technical assistance and training in evaluating and analyzing data from a two-round demographic survey carried out by the government of Liberia in 1978 and 1979 (see Technical Assistance). During his stay, Mr. Konneh received training in evaluating and cleaning survey data and carrying out analyses of large and complex demographic data sets.

Tanzania

Training in the use of the Regional Planning Model for Arusha (RPMA) and in the use of microcomputers for population and development planning was provided to Tanzanians during a 6-day in-country seminar held in Arusha (12/6/82 - 12/11/82). The seminar was attended by four people from the Ministry of Economic Affairs, two people from the Ministry of Manpower Planning and five people from the Regional Development Directorate, Arusha. Dr. Moreland traveled to Tanzania to conduct the seminar whose topics included the use of spread-sheet and data base management programs, a statistical package, and the Regional Planning Model, Arusha (RPMA) developed by IPDP.

Training (continued)Tanzania (continued)

Arrangements for the seminar were made through a subcontract between RTI and the Regional Development Directorate, Arusha. The seminar was successful in kindling interest in the use of the microcomputers which IPDP had previously transferred to the RDD and the central government. Following the seminar, the Ministry of Plan formally requested that IPDP provide additional equipment and training.

IPDP consultant Alan Johnston provided additional training during January, 1983 in the use of the Apple II microcomputer given earlier to the Arusha Regional Planning Office by IPDP. The introduction of a more advanced data processing technology in the Arusha Regional Planning Office is expected to enhance the use of demographic data in a region which has officially recognized the link between population and economic growth. In addition, a series of 4 district-level seminars on population and land use sponsored by IPDP and conducted by Johnston included a training component on techniques for population projections and land pressure analysis (see Conferences).

Togo: Microcomputer Seminar for francophone African Planners

In February, IPDP Director Dr. James Knowles, Deputy Director Dr. Scott Moreland and Project Manager Mary Scott travelled to Lome, Togo to conduct a two-week regional Seminar on the Uses of Microcomputers for Population and Development Planning, February 14-25, 1983. Lome was chosen as the site of the Seminar because of the location there of the RTI/IPDP African Regional Office, which greatly facilitated the preparations and logistics of the Seminar. The Seminar, which was conducted in French, was attended by 12 participants, including statisticians, demographers and economists from six French speaking African and Near Eastern countries. The main objective of the Seminar was to acquaint host-country planners with the potential use of microcomputers for population planning and analysis through a two-week course in BASIC programming and in the use of various software packages. It was expected that the Seminar would give the participants a basis from which they could become self-sufficient in the use of the microcomputers at their disposal (see Appendix A for Seminar report and participant list).

Training (continued)TunisiaHuman Resources Division

In December, Mr. Mohamed Skouri, Economist in The Human Resources Division of The Ministry of Plan, completed a three-month training course in Population and Development Planning at the University of Michigan, Ann Arbor. During his stay, Mr. Skouri attended the conference on "Fertility Research and Population Policy in Developing Countries" November 22 - 23 in Washington, DC (see Conferences), and then paid a short visit to RTI to discuss possible future collaboration with IPDP. In February, as a follow-up to the introduction to microcomputers which he had received at Michigan, Mr. Skouri participated in the IPDP Seminar on the Uses of Microcomputers in Population and Development Planning in Lome, Togo (see Conferences). At the close of the Seminar, IPDP provided a microcomputer for use by the Human Resources Division which Mr. Skouri carried back with him to Tunisia. Mr. Skouri has subsequently requested IPDP assistance in adapting the Regional Planning Model for Arusha (RPMA) developed by IPDP for the microcomputer, to the five regions of Tunisia.

National Statistics Institute (INS)

As planned, Mr. Abdeljellil Jabeur, Director of the Computer Center, and Mr. Hamadi Djaziri of the Demography Section of the Tunisian National Statistics Institute (INS) travelled to RTI for 3 weeks in October to receive training and technical assistance in analysis of data from large surveys. Specifically, they needed assistance in the preparation of tabulations from the 1980 survey on Population and Employment. These tables were to be used in a report which gave the results of the survey. The Tunisians were concerned with such issues as the relationship between infant mortality rates and parity, average numbers of children per household, and the relationship between family size and the sex of the first child (i.e. desire to have a son). Messers Jabeur and Djaziri received training in the use of the Statistical Analysis System (SAS) and, during their stay at RTI, visited the SAS Institute to discuss the possibility of purchasing SAS for their own use in Tunis. Also during their visit, they were briefly introduced to the potential uses of microcomputers for fast and inexpensive data processing and

Training (continued)National Statistics Institute (INS) (continued)

As a follow-up to this visit, RTI invited INS staff member, Mr. Abdelhamid Ben M'Rad from the Demographic Unit to participate in the seminar on the uses of microcomputers in population and development planning in Lome, Togo (2/83). IPDP has also provided an Apple II microcomputer system to the INS. RTI subsequently received a cable from Mr. Chedli Tarifa, Director of the Demography and Statistics Division of the INS, thanking RTI for its support of INS activities and expressing a desire for the two institutions to continue to work together.

Turkey

As planned, three staff members of the State Planning Organization (SPO) completed the one-semester course on Population and Development Planning at the University of Michigan, Ann Arbor in December. The three SPO demographers, Mr. Veysel Yayan, Mr. Ilhan Ozaltin and Mr. Kemal Kamiloglu, along with Mr. Skouri from Tunisia, attended the AID sponsored Conference on "Fertility Research and Population Policy in Developing Countries" November 22-23 in Washington, D.C. and then visited RTI before returning to Ankara. RTI subsequently received an enthusiastic cable from Mr. Kutlu Savas, Secretary General of the SPO, expressing his great appreciation for RTI's assistance. During this reporting period, IPDP has also received requests from SPO for additional demographic software for use with the Apple II computers installed by IPDP in conjunction with the two-week training seminar IPDP sponsored last May for SPO.

Upper Volta

During the visit of IPDP Director Dr. James Knowles to Ouagadougou in November, 1982, it was decided in discussions with AID/Ouagadougou to substitute IPDP training in the use of the Apple II for the sub-projects Upper Volta-1, -2, and -3 which could not be expected to be carried out due to other commitments of the principal investigators. Accordingly, Mr. Hamidou Lougue, Demographer with Institut National de la Statistique et de la Demographie (INSD), visited RTI for one week in December to receive intensive training in the use of demographic programs written for the Apple II. Mr. Lougue had been

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Training (continued)Upper Volta (continued)

attending the National Academy of Sciences Seminar in Washington, D.C., November 22-23, 1982. IPDP then provided Mr. Lougue with peripheral equipment and software to supplement the Apple II computer already provided to INSD by the RAPID project.

As a follow-up to this visit, IPDP invited two other staff members from the Demographic Unit of the INSD, Mr. Adjima GBANGOU and Mr Zakarie SANOU, to participate in the IPDP Seminar on the Uses of Microcomputers for Population and Development Planning in Lome, Togo, February 14-25, 1983 (see Appendix A for report on Seminar).

International Union for the Scientific Study of Population (IUSSP)

In November, IPDP provided partial support of the IUSSP four-week training program entitled "Training Course for French - Speaking African Demographers." The program was held in Bordeaux, France, from November 8 to December 3, 1982, and was partially financed with a grant allocated by the French Ministry of Overseas Development. Teachers from IFORD and from the staff of the World Fertility Survey were financed by their organizations. IPDP funding was used to pay part of the travel and per diem expenses of the African participants as well as some of the tutorial and teaching staff costs.

B. 3 Research Studies

During this reporting period three IPDP research projects (Botswana-1, Jordan-1, Nepal-1) were completed and their final reports submitted to IPDP, while only one previously unscheduled project (Senegal-4) was undertaken. As planned, work continued on the projects Boliva-1, Somalia-1, Sri Lanka-2, and Sudan-1. Two proposals which had been submitted previously to RTI (Thailand-2, Turkey-3) underwent revisions during this period and have been approved by both RTI and the AID/W Research Review Committee. They now await Mission and Embassy concurrence to begin. Because of IPDP funding constraints, two other proposals also received during the previous period (Sudan-2, Liberia-1) could not be supported. (Appendix C summarizes the current status of all host-country proposals received to date by IPDP).

Botswana-1

During this reporting period, work on Botswana-1, a study on attitudes toward family planning and family size, was completed and the final report written. This study, the first of its kind in Botswana, examined the knowledge, attitudes, and practices with respect to family planning and family size among women, men, and female adolescents in and around the capitol, Gaborone. The analysis focused on the correlates of these factors, including age, sex, education, and place of residence. It makes available to officials in program planning and policy a wealth of information which they previously were lacking.

Dissemination of results has taken place on two levels: meetings have been held in villages, schools, unions, the police college and the prison to give the people the results; and meetings have been held with government officials. A particularly significant meeting was held with the project coordinator, the head of the MCH/FP program in the MOH, and the permanent secretary of the MOH. In this meeting the Secretary indicated that the preliminary final report, which he had already read, would be used as the basis for attempting to introduce family life education in the early years of schooling and to provide reproductive and family planning information through the trade unions.

Research Studies (continued)

Jordan-1

In March, 1983, CPC submitted the final report on Jordan-1, "Patterns of Contraceptive Use in Jordan," by Dr. P. Uhlenberg of UNC, Dr. M. Nizamuddin of the U.N. stationed in Jordan, and Mr. F. Hiyari of the Department of Statistics, Government of Jordan. This report is based on the IPDP-supported analysis of the 1976 Jordan Fertility Survey and focuses on both the individual and contextual correlates of contraceptive use. This study found that although knowledge of modern contraception is quite high, use among women exposed to risk, even those who want no more children, is low, especially in rural areas. Within urban areas, the data showed that the educational level of women and the desire to cease childbearing have a strong effect on contraceptive use. The authors suggest that these are factors which the government may be able to influence by promoting smaller family size ideals and providing greater educational opportunities for women. The analysis also showed that modernity of the neighborhood in which urban women live is related to contraceptive use. The difference is greater between low and medium modernity than it is between medium and high modernity neighborhoods. This suggests that the biggest pay offs will come from improving conditions in the least modern areas. For the rural areas, the level of contraceptive use in villages is significantly related to modernity and the presence of electricity. The authors conclude that both family planning programs and efforts to increase female education are important factors in reducing the rate of population growth (see Conferences for a seminar planned to disseminate the results).

Bolivia-1

In March, Dr. Oleh Wolowyna of the University of Wisconsin-Madison travelled to La Paz for one-week to sign formal agreements with the Instituto Nacional de Estadística (INE) and the Population Unit (PU) of the Ministry of Planning and Coordination to carry out the Scope of Work of Bolivia-1. (Bolivia-1 is a project to develop a computer model for making regional population projections for socioeconomic planning in Bolivia; and it is being carried out through a subcontract between RTI and the University of

Research Studies (continued)

Bolivia-1 (continued)

Wisconsin). Both the INE and the PU will provide input data for the population projections, send one programmer each to RTI for training in the software to be developed, and collaborate in the training seminars to be given in La Paz. A trip is tentatively scheduled for next July in order to assess the progress of the input data estimation by the Bolivians and for the elaboration of the two sectoral applications of the model.

Liberia-1

During the last reporting period, a proposal to study male participation in fertility regulation was disapproved by the AID/W Research Review Committee which, however, agreed to review a revised form of the proposal. The principal investigators, Dr. Getaweh and Mr. Campbell, revised and resubmitted the proposal which was forwarded to AID/W for review. Review of the proposal by AID/W has been deferred since budget constraints preclude IPDP support for the project at this time.

Nepal-1

In March, Integrated Development Systems (IDS), submitted the final report of the Nepal Cost-Benefit Study of Family Planning (Nepal-1). In carrying out the project, IDS designed a fairly complete analytical framework, utilized the available data effectively, and produced a thoughtful and thorough analysis. The study indicates that returns to public investment in family planning in Nepal are high; annual benefits exceed family planning expenditures after only three years, under a variety of assumptions. Even with a discount rate as high as 10%, total benefits are calculated to be at least six times larger than total costs. The report also considers the relative costs and benefits of alternative targets for reducing the fertility rate and methods of achieving those reductions. IDS will disseminate the results of the study to planners in various government agencies.

Research Studies (continued)Senegal-4

In January, work began on a project to study demographic factors in the growth of the city of St. Louis, Senegal from 1950 to the present, under the direction of Mr. Ibrahima Diop, Director of the National Census Bureau in Senegal (Senegal-4). IPDP is providing partial support for this study both through a subcontract between RTI and the National Census Bureau and through funding Mr. Diop's visit to RTI to receive technical assistance and training. The work being carried out is about equally divided between research and training. It is planned that, following the completion of data acquisition, coding and conversion to a form compatible with RTI hardware, Mr. Diop will visit RTI for two months to learn to use the mainframe computer software package SAS to process and analyze the data and to use a microcomputer to carry out his demographic estimation.

Somalia-1

After the visit of CPC Research Associate Dr. Tod Ragsdale to Somalia in July, August and September, 1982 to provide technical assistance in the fieldwork stage of the survey for Somalia-1, the Somalis were to code, clean and edit the data. Somalia-1, which examines the impact of nomad settlement on fertility and mortality, is being carried out through a subcontract between RTI and The Carolina Population Center (CPC). In May, 1982, CPC requested an increase in the budget of the task order. This request was refused by AID/W since there was to be no increase to the project's Scope of Work. An amendment for a no-cost extension to the task order which would extend the completion date to October 21, 1983 has been drawn-up. It is planned for two Somalis to visit CPC with the data for training in data processing and analysis for three months this summer.

Research Studies (continued)

Sri Lanka-2

During this reporting period, work proceeded on Sri Lanka-2, "An Economic Evaluation of Family Planning Activities in Sri Lanka." The staff of the Population Division of the Ministry of Plan Implementation carried out estimation of the costs of the family planning program and the potential savings to social services. IPDP provided technical assistance in evaluating the demographic effects of the Sri Lanka family planning program (see Technical Assistance).

Sudan-1

In January, Dr. Ismail Sirageldin of the Johns Hopkins University visited the Sudan to carry out work on the Sudan-1 research project, "The Impact of Emigration on Public Sector Productivity: The Health Sector." 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. During the course of his stay, Dr. Sirageldin finalized the ESRC/JHU subcontract which had been revised as a result of agreements reached during his preceding trip in September, 1982. In collaboration with the ESRC, Dr. Sirageldin developed the main details of the study (See Technical Assistance). Also during this trip, Dr. Abdel-Salam of the ESRC and Dr. Sirageldin agreed to present a paper on the study, jointly with Dr. Kraly, to the 1983 Population Association of America annual meeting.

Sudan-2

During the preceding reporting period, IPDP received a proposal to study infant and child mortality in the Sudan using data from the 1979 Sudan Fertility Survey. The principal investigator, Dr. Abdul-Aziz M. Farah, is on the staff of the Department of Statistics, Government of the Sudan. The proposal received a preliminary favorable review from both RTI and AID/W; however, IPDP's current budget constraints precluded funding the study at this time. Therefore, comments on the proposal were sent to Dr. Farah along with a suggestion that he consider submitting the proposal to another source of funding, such as the Population Council.

Research Studies (continued)Thailand-2

The final revision of the Thailand-2 proposal for a follow-up study of the cost-benefit study of Thailand's family planning program was completed and forwarded to AID/Bangkok for its review (12/82). Upon Mission's approval, a subcontract will be drawn-up between RTI and Chulalongkorn University to carry out the study.

Turkey-3

In late November, Dr. Sunday Uner, principal investigator on the proposed research project on the determinants of contraceptive use and the role of family planning availability and accessibility in Turkey, submitted a revised proposal to RTI. This proposal has been approved by RTI and the AID/W Research Review Committee, and has been sent to the Embassy in Turkey for concurrence prior to preparing a formal subcontract.

B. 4 Conferences and Seminars

Conferences and seminars carried out or planned during this reporting period were for the purpose of training or to disseminate the results of completed research projects and technical assistance activities.

Egypt

During the past six months, planning and preparation for a conference which will include dissemination of the results of the IPDP-funded research project "Evaluation of the Impact of Rural Development Program Interventions on Fertility" (Egypt-1) was carried out. This two day conference will be held in Alexandria, Egypt in late May and is being financed by USAID/Cairo. In March Dr. Hussein Sayed of the Population and Family Planning Board travelled to North Carolina to work with IPDP Project Director Dr. James Knowles and consultants Drs. Allen Kelley, Nabil El-Khorazaty and George Simmons.

The conference will present an integration of findings of recent family planning studies carried out in Egypt and show how population information can be used in Egyptian development planning. The audience will include high level policy makers; and the Speaker of the Shura Council has agreed to present the opening address.

Jordan

As part of the Jordan-1 research project "Patterns of Contraceptive Use in Jordan", a seminar will be organized in Jordan during the Spring of 1983. The final report on Jordan-1, which was sent to RTI in March 1983, will serve as the basis for presenting the research findings to high-level government officials, academicians and representatives of the international donor community. The Jordanian Department of Statistics will plan the seminar and the Carolina Population Center at UNC, which has provided technical assistance and training on the project, will send a participant to discuss the project's research findings. (See Research Studies concerning the final report.)

Conferences and Seminars (continued)

Tanzania

As planned, IPDP sponsored a six day in-country seminar/workshop in Arusha on the uses of microcomputers for population and development planning (12/6/82 - 12/11/82) (see Training).

During February and March, 1983, IPDP consultant Alan Johnston, in collaboration with former IPDP trainee A. J. Lwelamila, conducted four district seminars on population and development in Arusha Region. Each seminar lasted 2 days and was based on a discussion of the District Reports on Population and Development which Johnston had prepared under IPDP sponsorship (see Technical Assistance). The first day of each seminar was attended by an average of 25 officials while the second day was devoted to one hour conferences attended by various functional department heads and 5 or 6 departmental staff. A fifth conference for Kiteto District had to be postponed due to the unavailability of district planning staff. This seminar, which is planned for late spring, will also be sponsored by IPDP and will be organized by former IPDP trainees and Arusha planning officers Lwelamila and Mllay.

Togo: Microcomputer Seminar for Francophone Africa

As planned, a two-week regional seminar for francophone African planners on the uses of microcomputers for population and development planning was held in Lome, Togo February 14-25, 1983 (see Training and Appendix A for Seminar report).

Conference on Fertility Research and Population Policy in Developing Countries

Four IPDP trainees attended the conference on "Fertility Research and Population Policy in Developing Countries" November 22-23 in Washington, D.C. The trainees, Mssrs. Yayan, Ozaltin and Kamiloglu from Turkey and Mr. Skouri from Tunisia were attending the one-semester Population and Development course at the University of Michigan, Ann Arbor. The conference presented the work that the Panel on Fertility Determinants had done over the last three years and discussed its implications for population policy and programs in the developing world. The Panel's work was supported by a grant from USAID.

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 (April 1, 1983 - September 30, 1983). The information in Table 2 is tentative; in some cases trips, dates, and travelers may need to be changed due to presently unforeseen circumstances.

Table 1

Completed International Travel During Current Reporting Period
October 1, 1982 - March 31, 1983

<u>Name</u>	<u>City, Country</u>	<u>ETA</u>	<u>ETD</u>
Mokomane, Seja (Botswana)	Chapel Hill, U.S.A.	82-09-04	82-10-16
Jabeur, Abdeljeilil (Tunisia)	Chapel Hill, U.S.A.	82-10-10	82-10-30
Djaziri, Hamadi (Tunisia)	Chapel Hill, U.S.A.	82-10-10	82-10-30
Konneh, Francis (Liberia)	Chapel Hill, U.S.A.	82-10-17	82-11-17
Mllay, James (Tanzania)*	Chapel Hill, U.S.A.	82-11-14	82-11-24
Faye, Abdul (Senegal)	Chapel Hill, U.S.A.	82-11-28	82-11-30
Lougue, Hamidou (Upper Volta)*	Chapel Hill, U.S.A.	82-11-28	82-12-04
Moreland, Scott	Arusha, Tanzania	82-12-03	82-12-11
Sirageldin, Ismail (JHU)	Khartoum, Sudan	83-01-07	83-01-18
Scott, Mary	Lome, Togo	83-02-08	83-03-02
Scott, Mary	Paris, France	83-03-02	83-03-06
Knowles, Jim	Lome, Togo	83-02-13	83-02-26
Knowles, Jim	Lagos, Nigeria	83-02-27	83-03-01
Moreland, Scott	Lome, Togo	83-02-11	83-02-25
Bama, Mohamed (Morocco)	Lome, Togo	83-02-13	83-02-25
Diame, El Hadji Malick (Senegal)	Lome, Togo	83-02-12	83-02-26
Gbangou, Adjima (Upper Volta)	Lome, Togo	83-02-12	83-02-27
Zakari, Sanou (Upper Volta)	Lome, Togo	83-02-12	83-02-27
Ben M'Rad, Abdelhamid (Tunisia)	Lome, Togo	83-02-13	83-02-25
Skouri, Mohamed (Tunisia)	Lome, Togo	83-02-13	83-02-25
Fokam, Jean Marie (Cameroon)	Lome, Togo	83-02-16	83-02-27
Wolowyna, Oleh (UWIS/M)	La Paz, Bolivia	83-03-17	83-03-24
Sayed, Hussein (Egypt)	Chapel Hill, U.S.A.	83-03-28	83-04-10

* Trainee already in U.S. -- IPDP paid only domestic travel.

Table 2

Proposed International Travel April 1, 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	83-04-13
Sada, Pius (Nigeria)	Chapel Hill, U.S.A.	83-05-18	83-06-16
El-Khorazaty, Nabil	Alexandria, Egypt	83-05-19	83-05-29
Kelley, Allen	Alexandria, Egypt	83-05-23	83-05-27
Knowles, Jim	Alexandria, Egypt	83-05-23	83-05-27
Knowles, Jim	Amman, Jordan	83-05-29	83-06-03
Trainee I (Somalia)	Chapel Hill, U.S.A.	83-06-10	83-09-02
Trainee II (Somalia)	Chapel Hill, U.S.A.	83-06-10	83-09-02
Moreland, Scott	Tunisia, Tunis	83-06-12	83-06-25
Moreland, Scott	Nouakchott, Mauritania	83-06-27	83-07-01
Diop, Ibrahima (Senegal)	Chapel Hill, U.S.A.	83-07-08	83-09-09
Chao, Dennis	Colombo, Sri Lanka	83-07-XX	83-07-XX
Chao, Dennis	Bangkok, Thailand	83-07-XX	83-07-XX
Fried, Ellen	Harare, Zimbabwe	83-08-XX	83-08-XX
Fried, Ellen	Gaborone, Botswana	83-08-XX	83-08-XX
Wolowyna, Oleh	La Paz, Bolivia	83-08-XX	83-08-XX
Trainee I (Bolivia)	Chapel Hill, U.S.A.	83-09-XX	83-09-XX
Trainee II (Bolivia)	Chapel Hill, U.S.A.	83-09-XX	83-09-XX

D. Contract Expenditures and Projections

Table 3 shows contract expenditures during the current reporting period (i.e., the first six months of Year IV) compared to expenditures during the previous reporting period. As Table 3 indicates, project expenditures have decreased by 24.4% during this period reflecting the fact that IPDP has entered its wind-down phase. During this period IPDP has decreased both the number of its core staff and the level of activity of its remaining staff. Thus this decrease in expenditures is consistent with the reduction in the level of project activity.

Table 4 shows contract expenditures during the current reporting period compared to budgeted amounts for the same period. The budgeted amounts are taken from the revised Five Year Budget (Table 7). The figures in column 2 of Table 4 are actually one-half of the totals budgeted for Year IV. As anticipated, project expenditures exceeded the amount budgeted for the first half of Year IV, although not by as much as projected (17.1% projected¹ vs. 9.1% actual²). This difference between the projected and the actual amounts is in large part due to the slow start-up of several subcontracts during this period.

The current overall budget status is presented in Table 5 which shows that the total expenditures for the first three and one-half years of the contract exceed the budget for that period by 2.61%. As indicated in Table 6, which shows the budgeted and projected contract expenditures for the next six-month period, it is expected that the level of spending will continue to exceed the amount allocated through the fourth year. If the budget forecast for the next six months is followed, total expenditures for the four-year period will exceed budget by \$106,236, or 2.67%. It is planned that additional cutbacks in staff time in the fifth year as well as the conclusion of current projects during that time will cause the budget and level of spending to come into balance.

¹ Table 5, Semi-Annual Report: Year 3, October, 1982.

² Table 4, current report.

Table 3

Contract Expenditures During Current Reporting Period
(10/01/82 - 3/31/83)
Compared to Contract Expenditures
During Previous Reporting Period
(4/01/82 - 9/30/82)

Expenditure Category	Year III 4/01/82 - 9/30/82	Year IV 10/01/82 - 3/31/83	Percent Decrease
Direct Labor	165,865	118,186	28.8
On-site	158,270	109,469	30.8
Off-site	7,595	8,717	(14.8)
Indirect Technical Expense	141,684	100,178	29.3
On-site	140,241	98,522	29.8
Off-site	1,443	1,656	(14.8)
Consultants	12,386	14,677	(18.5)
Travel and Allowances	104,576	86,134	17.6
Other Direct Costs	65,479	48,618	25.8
Subcontracts	116,088	91,499	21.2
U.S. Collaborators	94,976	58,416	38.5
Host Country	21,112	33,083	(56.7)
Subtotal	606,078	459,292	24.2
OMASE	59,272	43,971	25.8
Total Cost	665,350	503,263	24.4
Fixed Fee	29,941	22,647	24.4
Total Price	695,291	525,910	24.4

Table 4

Contract Expenditures During Current Reporting Period
Compared to Budgeted Expenditures
1 October 1982 - 31 March 1983 (6 months)

Expenditure Category	Actual (\$)	Budgeted ¹ (\$)	Actual as Percent of Budgeted (%)	
Direct Labor	118,186	123,079	96.0	
On-site	109,469	116,759	93.8	
Off-site	8,717	6,320	137.9	
Indirect Technical Expense	100,178	106,284	94.3	
On-site	98,522	105,083	93.8	
Off-site	1,656	1,201	137.9	
Consultants	14,677	8,592	170.8	
Travel and Allowances	86,134	38,685	222.7	
Other Direct Costs	48,618	30,672	158.5	
Subcontracts	91,499	112,119	81.6	
U.S. Collaborators	58,416	39,907	146.4	
Host Country	33,083	72,212	45.8	
Subtotal	459,292	419,431	109.5	
OMASE	43,971	41,943	104.8	
Total Cost	503,263	461,374	109.1	
Fixed Fee	22,647	20,762	109.1	
Total Price	525,910	482,136	109.1	

¹ Budgeted figures for the current reporting period are equal to one-half the total budgeted amount for Year IV (see Table 7).

Table 5

Cumulative Contract Expenditures Compared to
Budgeted Expenditures
1 October 1979 - 31 March 1983 (42 months)

Expenditure Category	Actual (\$)	Budgeted ¹ (\$)	Actual as Percent of Budgeted (%)	
Direct Labor	825,247	794,205	103.9	
On-site	786,026	760,054	103.4	
Off-site	39,221	34,151	114.8	
Indirect Technical Expense	705,440	683,304	103.2	
On-site	697,988	676,816	103.1	
Off-site	7,452	6,488	114.9	
Consultants	78,792	71,411	110.3	
Travel and Allowances	622,049	538,597	115.5	
Other Direct Costs	318,667	276,480	115.3	
Subcontracts	605,516	706,620	85.7	
U.S. Collaborators	511,753	514,316	99.5	
Host Country	93,763	192,304	48.8	
Subtotal	3,155,711	3,070,617	102.8	
OMASE	281,448	279,153	100.8	
Total Cost	3,437,159	3,349,770	102.6	
Fixed Fee	154,672	150,741	102.6	
Total Price	3,591,831	3,500,511	102.6	

¹See Table 7 for IPDP Project Budget.

Table 6
 Projected Contract Expenditures During Next Reporting
 Period Compared to Budgeted Expenditures
 1 April 1983 - 30 September 1983 (6 months)

Expenditure Category	Projected (\$)	Budgeted ¹ (\$)	Projected as Percent of Budgeted (%)
Direct Labor	111,638	123,079	90.7
On-site	102,109	116,759	87.4
Off-site	9,529	6,320	150.8
Indirect Technical Expense	95,751	106,284	90.1
On-site	93,940	105,083	89.4
Off-site	1,811	1,201	150.8
Consultants	15,227	8,592	177.2
Travel and Allowances	45,085	38,685	116.5
Other Direct Costs	28,457	30,672	92.8
Subcontracts	132,349	112,119	118.0
U.S. Collaborators ²	80,969	39,907	202.9
Host Country	51,380	72,212	71.2
Subtotal	428,507	419,431	102.2
OMASE	47,136	41,943	112.4
Total Cost	475,643	461,374	103.1
Fixed Fee	21,404	20,762	103.1
Total Price	497,047	482,136	103.1

¹ Budgeted figures for next reporting period (i.e., second half of Year IV) are one-half of the total budgeted amounts for Year IV (see Table 7).

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

Table 7. IPDP Project Budget

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

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

APPENDIX A
Report on the IPDP Seminar on the Uses of
Microcomputers for Population and Development Planning
Lome, Togo
February 14 - 25, 1983

IPDP organized and conducted a two-week regional Seminar on the Uses of Microcomputers for Population and Development Planning in Lome, Togo February 14-25, 1983. The Seminar was organized by IPDP Project Manager Mary Scott and conducted by IPDP Director Dr. James Knowles and Deputy Director Dr. Scott Moreland. Lome was chosen as the site of the Seminar because of the location there of the RTI/IPDP African Regional Office, which greatly facilitated the preparations and logistics of the Seminar.

The Seminar, which was conducted in French, was attended by 12 participants, including statisticians, demographers and economists, from six French speaking African and Near Eastern countries. In order to make the training most effective, participants were invited from countries in which they would have access to microcomputers. Most of the participants were from central planning ministries or statistical departments and were the people who would actually be using the microcomputers (see Attachment A for participant list). In order to provide effective training with the resources available, it was necessary to limit the number of spaces to twelve. Demand exceeded this number, and RTI regretfully had to turn down both Mission and participant requests for additional places.

The main objective of the Seminar was to acquaint host-country planners with microcomputers for population planning and analysis through a two-week course in BASIC programming and the use of various software packages. It was expected that the Seminar would give the participants a basis from which they could become self-sufficient in the use of the microcomputers at their disposal. The need for this type of activity stems from the fact that planners and researchers in developing countries almost always have insufficient access to data processing facilities. Since timely and accurate data are necessary for the proper formulation of population policy and analysis, a solution to this constraint is imperative if the population issue is to be integrated into planning for socio-economic development by host country officials. The advent of the microcomputer and its use in LDCs has offered a partial solution to data processing constraints.

The Apple II computer was used for the Seminar because it is widely available in developing countries, because IPDP staff have extensive experience in training people in its use, and because, at the present time, it has the widest range of software available. Five machines were available for the Seminar. One machine was already located in the IPDP office in Lome, and IPDP staff brought four machines with them from RTI. Although one machine started to malfunction during the Seminar, this still left four systems functioning so that there were no more than three participants to a machine. Thus, each participant had several hours a day of actual computer operation.

The Seminar began with general background information on the Apple and its use, and participants then learned the rudiments of Applesoft BASIC (a programming language) and the Disk Operating System. They were also introduced to several software applications programs, including a simple data base management program, a statistical package, Visicalc (for spread-sheet analysis), and several demographic programs developed for the Apple by Georgetown University and the Population Reference Bureau. RTI also demonstrated RAPID, the IPDP Thai Benefit-Cost Analysis Model, and the IPDP district-level planning model for Arusha, Tanzania as examples of other population/development software applications (see Attachment B for curriculum.)

The participants were encouraged to bring data with them to the seminar, and IPDP staff assisted them in using the applications programs with their data or in developing custom software to solve their real-world problems. Much of this individualized work was done over the weekend and during the last few days of the seminar. Nearly all the participants worked enthusiastically during these sessions and in many cases had brought specific problems with them which they hoped could be resolved with the computer. For example, the participant from Senegal (Diame), was interested in maintaining health records which are collected on a regular basis. He was introduced to the Personal Filing System (PFS) data base management system for this. Two participants from Togo (Edeh, Megbayowo) had brought economic data which they were able to analyze using Visitrend. The Tunisian demographer (Ben M'Rad) from the Demographic Section of the National Statistics Institute was particularly interested in the demographic projections program (FIV-FIV) and was able to use Tunisian data with this. One of the Upper Volta participants (Sanou) who

had prior experience on the Apple and was a proficient FORTRAN programmer, was interested in learning how to use that language with the Apple. He was accordingly introduced to Microsoft FORTRAN and the CP/M operating system. The Moroccan participant (Bama) had brought data which he used with Visicalc to project the number of students by class in primary school in a manner similar to the UNESCO Educational Simulation Model.

The Seminar was conducted in French and, with few exceptions, the documentation and materials provided were in French. IPDP obtained various Apple manuals and books in French from Paris: they are not available in French in the U.S. Also, a number of the materials not available in French were specifically translated by RTI for the Seminar. These included the manuals for the software packages ELF, FIV-FIV and AFEMO; a glossary of Applesoft Basic; and an explanation of the DOS. Overhead slides were prepared in French for the Seminar and a copy of these was given to each participant. At the close of the Seminar, copies of all of the books, manuals and materials were given to the participants to take home with them.

Also at the end of the seminar, peripheral equipment and software were provided to participants to enhance the microcomputer systems already in place in their countries. In the case of Tunisia, two fully configured systems were given to the Ministry of Plan, one to the Human Resources Division and the other to the INS. The microcomputer system in the Lome Office has been made available to the Togolese participants for their work and they have been using it on an almost daily basis.

The Seminar was successful in achieving its goal of giving the participants a strong basis for continued work with the microcomputers at their disposal, and we were impressed with the conscientiousness and sincere interest of all the participants in the content of the Seminar.

During the course of the Seminar we were repeatedly told that data processing constraints effectively block any reasonable policy analysis in the population field. It is still not uncommon to find standard population projections and demographic estimation being done on hand calculators. The situation which we observed was similar to that which we had seen in our previous microcomputer training at the State Planning Organization in Turkey and at the Planning Ministry in Tanzania: well-educated and intelligent planners who are familiar with quantitative methods and are anxious to analyze

data but who have no means to do this because they have no access to a computer. This is particularly the case in the population field where data analysis is so important. This perhaps explains the enthusiasm with which the participants took to the use of the microcomputers during the Seminar.

Attachment A

Séminaire sur les micro-ordinateurs dans la planification
démographique et du développement
14 février au 25 février, 1983
Lomé, Togo

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Attachment A (continued)

Séminaire sur les micro-ordinateurs dans la planification
démographique et du développement
14 février au 25 février, 1983
Lomé, Togo

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Dr. James C. Knowles, Director, IPDP
Dr. R. Scott Moreland, Deputy Director, IPDP
Ms. Mary C. Scott, Project Manager, IPDP
Dr. Peter Segbor, Director, RTI/IPDP African Regional Office, Lome
Ms. Didi Bamezon-Toulan, Administrator, RTI/IPDP African Regional Office, Lome

Attachment B

SEMINAIRE SUR LES MICRO-ORDINATEURS DANS LA PLANIFICATION
DU DEVELOPPEMENT

Organisé par le Research Triangle Institute
Lomé, 14-25 février, 1983

Lundi 14 février:

09h - 12h Introduction, Matériel, Système d'Exploitation, Langages
de Programmation, Logiciels
Introduction au BASIC Etendu (Applesoft)

14h 30 - 17h VISICALC - Logiciel à Calcul

Mardi 15 février:

09h - 12h BASIC Etendu II

14h 30 - 17h VISICALC II

Mecredi 16 février:

09h - 12h BASIC Etendu III

14h 30 - 17h VISIPILOT - Logiciel du Graphique

Jeudi 17 février:

09h - 12h BASIC Etendu IV

14h 30 - 17h VISITREND - Logiciel Statistique

Vendredi 18 février:

09h - 12h BASIC Etendu V

14h 30 - 17h FIV FIV - Logiciel pour la Projection de la Population

Samedi 19 février:

Disponible pour le travail individuel

Dimanche 20 février:

Libre

Attachment B (continued)

Lundi 21 février:

09h - 12h Systeme d'Exploitation sur Disquette (1e DOS)

14h 30 - 17h ELF - Logiciel Statistique

ou

PFS - Logiciel Gestion de Banque des Donnees

Mardi 22 février:

09h - 12h 1e DOS II

14h 30 - 17h AFEMO - Logiciel pour l'Estimation de la Fécondité et de
la Mortalité par les Méthodes Indirectes

ou

Modèles pour la Planification - RAPID, Arusha Regional Planning
Model (Tanzanie)

Mecredi 23 février:

09h - 12h DOS III

14h 30 - 17h Applications Individuelles

Jeudi 24 février:

09h - 12h Applications Individuelles

14h 30 - 17h Modèle des Coûts/Bénéfices du Planning Familial (Thaïlande)

Vendredi 25 février:

09h - 12h Applications Individuelles
Sommaire

12h - Libre

Attachment C

Documentation Provided During Seminar

French Language Books on Microcomputers

DICTIONNAIRE DE L'INFORMATIQUE

Librairie Larousse, 1981

Sous la direction de Pierre Morvan

APPRENDRE A PROGRAMMER EN FORTRAN

par Claude Dellannoy

Editions Eyrolles, 1982

VISICALC 1: TUTORIAL MANUEL ET 10 EXEMPLES

par Christian Bienaimé DUBOS

Imprimerie Bayeusaine, Octobre 1982

VISICALC 2: LEXICUM GUIDE DE REFERENCE ALPHABETIQUE

par Christian Bienaimé DUBOS

Imprimerie Bayeusaine, Octobre 1982

METHODES DE CALCUL NUMERIQUE

Programmes en Basic

par Claude Nowakowski

Editions du P.S.l., 1981

CP/M ET SA FAMILLE GUIDE D'UTILISATION

par Philippe Dax

Editions Eyrolles, 1982

PROGRAMMER EN FORTRAN

par Daniel-Jean David

Editions du P.S.l., 1981

MANUEL DE L'UTILISATEUR APPLE II

Lon Poole, Martin McNiff, Steven Cook

(Version française: H. Lilien)

S.E.C.F. Editions Radio, 1982 (French)

McGraw Hill, 1981 (English)

PROGRAMMES

Mathematiques et Statistiques

Programmes en Basic

par Hervé Haut

Editions du P.S.l., 1982

GUIDE PRATIQUE

VISICALC Sur Apple

Utilisation et Exemples d'Application

par HERVE THIRIEZ

Editions du P.S.l., 1982

Attachment C (continued)

Apple II - System Langage Apple - Manuel pour l'Installation
et le Fonctionnement
Le Manuel DOS
Apple II - Applesoft Guide Pratique du BASIC Etendu
Apple II - Manuel de Reference pour le Programmation en BASIC

La Decouverte de l'Applesoft, Tome 1,
par Dominique Schraen et F. Levy

Mathematiques et Statistiques - Programme en BASIC
par Hervé HAUT
Editions du PSI, 1982

LEXIQUE D'INFORMATIQUE
Des Mots Et Des Idées
Logique câblée, ordinateurs et microprocesseurs
avec Index Alfabétique Anglais-Français
par Jeanne MILSANT, Maître-és-Sciences
Editions Eyrolles, 1981

70 PROGRAMMES BASIC APPLE II
S.E.C.F. Editions Radio, mai 1982
Lon Poole, Mary Borchers, David M. Castlewitz
McGraw-Hill, 1981

PRATIQUF DE L'APPLE II
par H. Lilen
S.E.C.F. Editions Radio, 1982

Manuals Translated by IPDP

Glossaire du Basic Entendu

System d'Exploitation Sur Disquette

Manuel d'Initiation au Logiciel Demographique sur Micro-ordinateur

Manuel d'Utilisation - Econometric Linear Forecasting (ELF)

Documentation in English

Visitrend/Visitplot Manual

PFS Manual

Attachment D

Software Used During Seminar

Visi-series Programs

Visicalc

Visiplot

Vistrend

Applesoft BASIC Programs

Econometric Linear Forecasting (ELF)

Regional Planning Model for Arusha, Tanzania

Cost Benefit Analysis of Thailand's Family Planning

RAPID - Morocco and Rwanda

Pascal Operating System

FIV - FIV (Demographic Projections)

AFEMO (Indirect Mortality and Fertility Estimation)

Data Base Management System

Personal Filing System (PFS)

DB Master

d BASE II

Word Processor

Wordstar

Other

Microsoft FORTRAN

Appendix BSummary of IPDP Activities in Target Countries from Project Inception to DateAFRICABotswanaProject 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 support for training of MFDP staff member in Employment Division.
Possible partial support for second phase of Botswana-1 research project.

Ivory CoastProject 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.

KenyaProject 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 delayed due to unavailability of one of Kenyan collaborators in Central Bureau Statistics. Work now to be carried out with 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). Work for human resources planning model for Kitui will include computer training for two representatives of Government of Kenya.

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.

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 support of research study, Liberia-1.

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 has requested that model be implemented on micro-computer. 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.

Training

Souleymanne Sow, Ministry of Plan, attended 1981 Population-Development Planning Seminar (10/81).

Conferences and Seminars

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

Future Work

Mission endorsed requests (8/82) for conversion to microcomputer. GIRM requested IPDP provide them with HP87 microcomputer (10/82). IPDP funding prevented supporting this and Mission was requested to fund. Sow training scheduled for Summer/Fall 1982 delayed pending decision in this regard.

NigeriaProject 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. 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

Dr. Sada to visit RTI in May to finish revisions to the manuscript for Nigeria-1 and to prepare a final report before June, 1983. He is planning to hold a seminar/ workshop to discuss the report in September, 1983.

RwandaProject 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.

Conferences and Seminars

None to date.

Future Work

IPDP considering requests from ONAPO and from the University for technical assistance and training.

SenegalProject 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 CONAPOP, 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 CONAPOP for their Apple II which would enable Mr. Diame to carry out analysis of some of his data using the CONAPOP microcomputer (3/83).

Training

M. N'Diaye (Ministere du Plan et de la Cooperation) and A. K. Diop (Secretaire Executif of CONAPOP) participated in the Lome Conference (6/9/80 - 6/12/80). A. K. Diop also attended the 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 CONAPOP, 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

I. Diop, principal investigator on Senegal-4 to visit RTI 7/83 - 8/83 to receive technical assistance and training on mainframe and microcomputers while carrying out data analysis.

SomaliaProject 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. RTI sent contract modification extending completion date to CPC which has not returned it to RTI.

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).

Conferences and Seminars

None to date.

Future Work

Somalia-1 will provide short-term training in data processing for two Somalis at UNC upon completion of data cleaning and editing in-country. Conference to be planned to disseminate findings of Somalia-1 upon completion of project.

SudanProject 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 /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 will study the impact of migration on public sector productivity in the Sudan. It will be carried out by a subcontract between Johns Hopkins University and the Economic and Social Research 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. 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).

Sudan (continued)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. 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 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.

TanzaniaProject 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.

Tanzania (continued)Training

Participants in the Lome Conference (6/9/80 - 6/12/80) included A. H. Mkini, Manpower Planning Division, Ministry of Manpower Development and I. Sembajwe, Demographer, BRALUP, University of Dar-es-Salaam. H. Kolimba, Principal Secretary, Office of the Prime Minister, N. Shimwela, Commissioner of Macro-Economic Planning, Ministry of Planning and Economic Affairs, and A. K. Makembe, Office of the Prime Minister, attended the 1980 Fall Seminar (9/13/80 - 9/26/80). The 1981 Population-Development Planning Seminar (10/81) participant was S. Ngallaba from the Bureau of Statistics. 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 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).

Future Work

Sixth district-level seminar (for Kiteto) will be conducted by Arusha regional planning officers and IPDP trainees Lwelamila and Mllay. Further technical assistance and support for RPMA model. Study proposal on Population Pressure in one district of Arusha region anticipated. Further technical assistance and training in microcomputers for Ministry of Plan and Central Bureau of Statistics requested.

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).

Togo (continued)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

None to date.

Training

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

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

Upper VoltaProject Development

Visit of K. Allen (12/8/80 - 12/20/80) was requested by USAID Mission to develop specific projects. S. Coulibaly visited AID/Washington and RTI (9/81); he will prepare a proposal to evaluate the economic and demographic impacts of the new, 10-year comprehensive health plan for Upper Volta. Mr. Dakuyo and Mr. Cisse of INSD visited Lome (9/23/81 - 9/25/81) to discuss and revise proposals (Upper Volta-1, Upper Volta-2) with Drs. Knowles and Segbor.

Upper Volta (continued)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.

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.

ZimbabweProject 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 RII 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).

Zimbabwe (continued)Future Work

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 indicates need for seminar on uses of microcomputers in planning. E. Fried to visit Harare to discuss microcomputer seminar and other possible IPDP activities with G. Mandishona.

NEAR EASTEGYPTProject 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

None to date.

Future Work

Seminar to be carried out in May, 1983 to present findings of Egypt-1 and other current population research in Egypt to upper-level ministerial members.

JordanProject 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.

Jordan (continued)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 has provided SPSS package to University of Jordan for the recently-acquired 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 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.

Conferences and Seminars

None to date.

Future Work

A national seminar will be organized in Jordan during Spring, 1983, to present research findings from Jordan-1 to key government officials, academicians and representatives of international donor community. DOS will plan seminar and UNC will send a participant to discuss research project findings.

TunisiaProject 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).

Tunisia (continued)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).

Conferences and Seminars

None to date.

Future Work

IPDP may be requested to assist Mr. Skouri (Ministry of Plan) in the development of a micro-computer based Human Resources Planning Model for Tunisia.

TurkeyProject 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 micro-computers in planning with the State Planning Organization.

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 has requested Embassy concurrence (2/83).

Technical Assistance

Technical assistance provided to SPO in connection with microcomputer seminar (see below).

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 (Veyysel 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).

Turkey (continued)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.

Future Work

If Turkey-3 approved by embassy, work will begin in next several months. Additional technical assistance will be provided to SPO.

ASIANepalProject 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. Malla and B. Mulepati, two Nepalese Government officials, at the World Fertility Survey Conference in London (7/6/80 - 7/13/80). Dr. P. Lohani, Director (IDS) and Member, National Development Council, and L. K. Devkota, Under Secretary, Population Commission, National Planning Commission Secretariat, attended the 1980 Fall Seminar (9/13/80 - 9/26/80). Mr. Mohan Thapa of the National Population Commission attended the 1981 Fall Seminar in Baltimore (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).

Nepal (continued)

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.

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 be called upon to follow up RAPID presentations or possibly to support studies that might be sought by the National Economic and Development Authority.

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 for their review and approval (3/83).

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

D. Chao expected to visit Sri Lanka 7/83 to provide technical assistance to MOPI to facilitate the progress of the Cost-benefit study. Microcomputer assistance will be provided by RTI to MOPI in connection with Sri Lanka-2. Results of Sri Lanka-2 will be used to develop a computer-assisted presentation on cost-benefit analysis similar to that done for Thailand. This work will be presented in a series of seminars.

ThailandProject 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 objection to the proposal and requested it be revised. On his latest trip (3/82) to Bangkok, D. Chao worked out some guidelines for revision with Thailand-2's principal investigator, Dr. Thienchay. Dr. Thienchay resubmitted a Thailand -2 proposal to RTI (6/82) for review. It was decided that further revision was necessary in order to obtain AID/Mission's approval. D. Chao completed the second revision at RTI and the proposal was sent to AID/Bangkok for its evaluation (12/82). 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 (continued)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

The Thailand-2 project will start as soon as AID/Bangkok's concurrence is obtained.

APPENDIX C

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: 13

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
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 to
be disseminated at Conference in Alexandria scheduled for May.
Budget: \$13,165
Date Rec'd.: 80-07-25
Dates: 80-04-15 to 81-01-15
Duration: 9

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

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

IPDP PROPOSALS

Jordan - 1

Title: Ecological Analysis of Contraceptive Prevalence in Jordan
Host Inst.: Jordan, Department of Statistics (CPC)
Researcher: Shrydeh, Borhan
Status: Final report completed, seminar presentation remains to be carried out.
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: \$34,160
Date Rec'd.: 80-07-30
Dates: 81-04-01 to 82-09-30
Duration: 18

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 83-10-31
Duration: 12

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: Under Development
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

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 (CONAPOP)
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

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: Underway
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 83-09-30
Duration: 25

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: Under Development
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: Mirghani, Mohammed
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

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 Işmail 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

IPDP PROPOSALS

Thailand - 2

Title: A Follow-Up Study on Returns to Pub. Investment in Thai Nat. Fam.
Plan. Program
Host Inst.: Chulalongkorn University
Researcher: Thienchay/Rachwniwan
Status: Awaiting Mission Concurrence
Budget: \$19,040
Date Rec'd.: 81-12-01
Dates: 83-07-01 to 84-06-30
Duration: 12

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 Adolescents 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

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, Hacettepe 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: Awaiting Embassy Concurrence
Budget: \$13,741p
Date Rec'd: 82-09
Dates: 83-08-01 to 84-03-30
Duration: 8

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