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INTEGRATED POPULATION AND DEVELOPMENT PLANNING - II [INPLAN]

Contract Number AID/DPE-3027-C-00-4068-00

SEMI-ANNUAL REPORT: YEAR 2

October 1, 1985 - March 31, 1986

Submitted to:

Dr. Scott R. Radloff
Policy Development Division
Office of Population
Bureau for Science and Technology
United States Agency for International Development
Department of State
Washington, DC 20523

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1. SUMMARY

The Integrated Population and Development Planning II (INPLAN) project provides assistance designed to strengthen the technical capabilities of planning institutions in developing countries for evaluating population-development relationships and for incorporating population considerations into development planning work. This is accomplished through training, technical assistance, and research support activities.

During this reporting period, significant progress took place in all of the activity areas. This entailed 30 INPLAN visits to 19 countries as well as a number of U.S.-based activities.

One hundred and nine (109) planners, researchers and policymakers from 30 developing countries participated in INPLAN training programs over the past six months. Fifty-eight (58) of these attended U.S.-based training; and 51 participated in in-country training by INPLAN staff. The programs were quite varied, including the 1985 INPLAN Seminar for Senior Planners held in Washington, DC; the RTI-based course in Applied Population and Development Planning being conducted in French; four in-country microcomputer applications workshops; and support for four planners at the University of Michigan program.

As part of its institution building efforts, INPLAN transfers microcomputer technologies (hardware and software) to host country institutions where they are used to facilitate population-development planning work. During this reporting period, INPLAN transferred 12 full IBM systems as well as enhancements to several existing installations.

Significant progress was made in modeling applications. Over the past six months, work on over 20 model applications has continued or begun. One modeling application in Mexico was completed during this reporting period, as were the first versions of two models in Nigeria and seven in Morocco. The Moroccan work was presented at a highly successful seminar in Rabat.

During this reporting period, RTI/INPLAN substantially completed work on the first versions of its two major software packages for modeling. The first of these, called Host, is a generalized software environment for modeling developed by RTI/INPLAN to handle all non-analytical tasks of modeling, thus freeing the modeller to focus on the analytic issues as well as greatly reducing required programming time. The second major software package, the Multiregional Population Projection (MPP) program, allows the simultaneous projections of subnational projections taking into account interregional migration flows.

Progress continued to be made on the six on-going research projects being supported by INPLAN, and one additional subcontract was signed. A revised research proposal from Thailand was received, and it is expected that a subcontract will be signed in the near future.

2. PURPOSE AND STRATEGY OF INPLAN

The Integrated Population and Development Planning II (INPLAN) project is a three-year project which began in October 1984 and is being carried out under a contract with the U.S. Agency for International Development's Policy Development Division in the Office of Population. INPLAN provides assistance designed to strengthen the technical capabilities of planning institutions in developing countries for evaluating population-development relationships and for incorporating population considerations into development planning work. This is accomplished through training, technical assistance and research support activities.

The following sections

- briefly summarize INPLAN's activities in the three areas;
- report on INPLAN's accomplishments in developing software to facilitate modeling activities; and
- describe some of the outcomes of INPLAN activities to date.

3. INPLAN ACTIVITIES DURING REPORTING PERIOD

3.1 Summary of Activities in Past Six Months

During this reporting period, significant progress took place in all of the activity areas, building capabilities of host country institutions in many countries and developing plans for continued assistance. This entailed 30 INPLAN visits to 19 countries as well as a number of U.S.-based activities.

3.1.1 Training

One hundred and nine (109) planners, researchers and policymakers from 30 countries participated in INPLAN training programs over the past six months. Fifty-eight (58) of these attended U.S.-based training; and 51 participated in in-country training by INPLAN staff. The programs were quite varied, ranging from the 1985 INPLAN Seminar in Population and Development Planning for Senior Planners held in Washington, DC, to the RTI-based course in Applied Population and Development Planning which began March 17, 1986 and is being conducted entirely in French, to in-country programs of microcomputer applications in population-development work, to support of four planners to attend the semester-long course in population and development at the University of Michigan.

3.1.1.1 Seminar for Senior Planners. From October 6 through 18, 1985, INPLAN conducted the fourth in a series of IPDP/INPLAN Seminars for Senior Planners held during the past six years. Participants were 35 senior officials from planning institutions in 30 developing countries (Table 1 gives the participants names and home institutions).

The main objectives of the Seminar were:

- to increase the participants' knowledge of the relationships between rapid population growth and change and socioeconomic development;
- to improve their understanding of the implications of rapid population growth and change for socioeconomic planning; and
- to inform the participants of new approaches for more effectively incorporating population variables into development planning.

The format for most of the sessions was a lecture, presented by a leading expert in the particular area, followed by discussion. Simultaneous interpretation was provided in English, French and Spanish.

About half of the presentations were given by RTI/INPLAN senior technical staff. Session presentations were also given by officials of the World Bank, the United Nations, the Population Reference Bureau, the International Center for Research on Women, The Futures Group, Westinghouse Public and Applied Systems, and John Short and Associates, and by faculty of the universities of Michigan, North Carolina, and Pennsylvania, and Brown and Syracuse Universities. The Seminar included a presentation by AID Office of Population Director Dr. Steve Sinding, followed by a panel discussion on AID population programs and projects presented by several AID officials. On the final day of the Seminar, staff of the National Academy of Sciences (NAS) and other experts reported on preliminary results from two recent NAS studies: the effects of rapid population growth on economic development; and the effectiveness of family planning programs in reducing fertility.

Evaluation forms completed by the participants at the end of the Seminar, as well as informal discussions between INPLAN staff and participants, indicated that the Seminar was very well received. The last such seminar under the current contract is planned for spring 1987.

3.1.1.2 Applied Population and Development Planning (French). Beginning March 17 and continuing through April 24, 1986, INPLAN is conducting its RTI-based course in Applied Population and Development Planning for French-speaking planners. It is being attended by 13 participants from 6 countries: Burundi, Haiti, Ivory Coast, Madagascar, Rwanda, and Zaire.

Like its English-language predecessor of last year, the course has as its primary objective to provide to mid-level technical planning personnel the theoretical/conceptual knowledge and practical tools, including the use of microcomputers, for integrating population factors into socioeconomic development planning. The course includes lecture/discussion sessions and extensive use of microcomputers and is being taught by RTI staff, INPLAN's subcontractor, other AID cooperating agencies, and consultants. Following five weeks of instruction at RTI, INPLAN staff will accompany the participants on a study tour to Washington, DC and New York where they will visit AID, other cooperating agencies, BuCen, and the United Nations.

3.1.1.3 In-country Training Programs. During the past six months, INPLAN staff have carried out training programs in Somalia, Zaire, Bolivia, and Mexico. Each of these courses forms an integral part of a program of activities designed for the country in collaboration with host country institutions.

In Somalia, INPLAN staff, in collaboration with the ILO, presented an introductory course in microcomputer applications to population and development planning work for staff of the Ministry of National Planning. The course was organized by two former participants in the RTI-based three month course, who also acted as assistants. INPLAN will continue to work with the Ministry in modeling and research support activities for which this workshop continued to build a strong foundation.

In Zaire, where there has been no previous work with microcomputers for population-development planning work, the training was also introductory. It has been followed by the participation of two staff of the Ministry of Plan and the National Statistical Institute in the RTI-based French-language course this Spring. INPLAN will continue to offer technical assistance and training support.

The training in Bolivia and Mexico was more advanced, since it followed on previous INPLAN training workshops. In Bolivia, previous work had shown a need for training in using a statistical package for population-development planning work. Thus, in the workshop held in La Paz during this reporting period, instruction in using SPSS/PC was provided. Similarly, in Mexico previous work had demonstrated that additional training in such packages as Lotus 1-2-3 and the RTI/INPLAN-developed Multiregional Population Projection (MPP) program would be appropriate, and this was the focus of the advanced training workshop held in Mexico City.

3.1.2 Research

Progress continued to be made on the six on-going research projects being supported by INPLAN and one additional subcontract was signed. The Thai researchers preparing background papers for the Five Year Plan under development prepared revisions and presented them to RTI and to the National

Economic and Social Development Board (NESDB), which has responsibility for preparing the Plan. INPLAN staff provided technical assistance to the researchers at all stages of their work, both on visits to Bangkok and in written comments on various drafts of the papers.

In Mexico, significant progress was made on the two research projects underway. Both of these are intended to provide information necessary to modeling activities: one performs rural-urban projections to provide information on users and non-users of contraception; and the other carries out analyses of the relationship between education and labor force demand on a regional basis. The subcontract signed in Bolivia is also for research in support of modeling activities.

It is expected that in the near future subcontracts will be signed for research projects in Thailand and Sri Lanka. A revised proposal has been received from Thailand and is being reviewed. If UNFPA agrees to provide partial support in the next two months, work on a research project in Somalia is ready to begin.

3.1.3 Technical Assistance

The two major types of technical assistance provided by the INPLAN project are assistance in developing microcomputer-based demographic-economic planning models and transfer of microcomputer equipment and software, along with necessary installation and training. During this reporting period, significant progress occurred in both areas. INPLAN transferred, installed and provided training on 12 full microcomputer systems as well as providing and installing enhancements to a number of already existing installations (Table 4 in Annex C shows the hardware and software transferred).

Over the past six months, work on over 20 model applications has continued or begun (Table 3 in Annex C shows the models which are completed and underway). New modeling applications work includes:

- an education-labor force-employment model in Somalia;
- education sector models for Indonesia, beginning with a model implemented using Lotus 1-2-3 and continuing with a model programmed in Turbo-Pascal under the Host;
- a benefit-cost of family planning model for Sri Lanka;
- an agriculture sector model for Bolivia;
- a health sector model for Bolivia;
- a food and nutrition sector model for Bolivia;

- a long term macroeconomic-demographic model for Tunisia;
- an education-manpower-employment model for Thailand; and
- four new applications of the MPP, two in Bolivia and two in Mexico.

One modeling application in Mexico was completed during this reporting period, as were the first versions of two models in Nigeria and seven in Morocco. The Moroccan modeling work was presented at a three day national seminar in Rabat on the needs of the Moroccan population in the year 2005. It was very well received and the seminar received considerable coverage in the local press. Work is currently underway to integrate the Moroccan models using the implementation software, Host.

INPLAN also developed an improved IBM-PC implementation of the Bachue International model. This large-scale, long-term economic-demographic model is intended as an instructional and demonstration model, but has also been the basis for several country applications.

Also during this reporting period, RTI/INPLAN substantially completed work on the first versions of its two major software packages for modeling. The following section describes these packages and their uses in further model development.

3.2 RTI/INPLAN modeling software

3.2.1 Host, an interactive environment for modeling

One of the major accomplishments of INPLAN to date is the production and testing of the first version of a generalized software environment for modeling, called Host. Host was developed to

- facilitate the computer implementation of population-development planning models;
- improve the ability to link sectors (or modules);
- improve resulting program quality; and
- reduce training requirements.

The Host system provides an interactive environment for building and running models. The Host interface is based on a combination of easy-to-use menus and common full-screen data entry techniques. Host is basically a database management program specially designed to support projection models, handling routine input and output tasks and providing an interactive interface. Applications are unrestricted.

For users interested in designing and implementing modules, Host provides assistance in database creation and the Host-module interface, vastly simplifying the programming tasks facing the modeller. With a projection model already installed, Host allows users to focus on running various projections, manipulating input data values and viewing the results in table or graph form. The Host interface allows a user to alter variable attributes, change variable values, define data labels, control the projection process and specify the structure of output tables and graphs.

Major program components of the system which are now complete include program configuration, data description, data label formats, data editor, table description, table generation, projection, instruction file editor, instruction file interpreter, file management, and projection module generator. The only major program components not yet completed are graph definition and graph generation. Work has been completed to allow use of Lotus 1-2-3's graphing program through Host, until Host's own and more appropriate graph programs are completed. This also allows further analysis of data using Lotus. Documentation for the Host system is currently being drafted and includes a User Guide (for which a first draft is complete) and a separate Module Programmer Guide. Another document, the Host System Guide, will be written to provide a structural and algorithmic description of each component of the Host software.

Host has been, and continues to be intensively tested by RTI/INPLAN staff. To date, Host has been used as the basis of models for Morocco, Nigeria and Indonesia. Sectors implemented for these models include population, education, health, employment, agriculture, housing and water. These initial applications have shown Host to be effective in achieving its goals, significantly reducing the programming effort required to implement and combine various sectoral modules while improving overall program quality.

3.2.2 The Multiregional Population Projection (MPP) program

The MPP is in great demand among both demographers and planners not only for projecting populations taking into account interregional in- and out-migration but also as an instrument for addressing such important planning issues as:

- how is use of contraception likely to diffuse with respect to its rural/urban distribution?; and
- what is the likely impact of colonization programs (settlement and development of sparsely-populated areas of a country) on various goals for socioeconomic development as compared to a reduction in the fertility rate?

The first version of the MPP is operational and the Spanish manual has been revised. In order to reduce running time and to expand the number of regions that can be included, two major estimation procedures for migration data have

been eliminated from the program and replaced by more general stand alone programs. A draft manual for both programs has been completed in Spanish, and the English version is being prepared.

Currently, work on the MPP is proceeding in two directions. First, the estimation of transition probabilities is being changed to make it more congruent with migration data generally available in developing countries: census or survey questions on last place of residence or place of residence five years ago. This increases speed of execution and allows a larger number of regions to be used. Second, MPP is being integrated with other demographic analysis programs using an editor and a standardized database. This will allow the user to enter all the data only once and then transfer the data from one program to another. In addition, work is underway to allow any of these data files to be imported into Lotus 1-2-3, allowing the user further analysis of the output, generation of tables not in the standard output and graphing of any set of input or output variables.

To date, under INPLAN six applications of the MPP have been initiated and one of these, in Mexico, has already been completed. There have been a number of additional requests which INPLAN staff expect to fulfill in the near future.

4. OUTCOMES

At one and a half years into the INPLAN project, it is somewhat difficult to evaluate outcomes as opposed to outputs of the project. Policy projects often take some time to achieve their outcomes, and even then it is sometimes difficult to know to what an outcome should be attributed. Nevertheless, it seems likely that INPLAN has already had an impact in the countries in which it is working in the ways described below.

4.1 Training

Through its training activities INPLAN has significantly increased the capability of planners to take population factors into account in their population-development planning work. Not only have their technical capabilities been increased, but also their awareness of the importance of population factors has increased as have their skills for presenting the implications of rapid population growth to policymakers. These statements are based primarily on observations made in the field of the work performed and the issues considered by the planners with whom we have worked and their colleagues.

4.2 Research

To date, only four research projects are near completion. These are the four background papers for the Five Year Plan being completed by the Thai

researchers who have been assisted by INPLAN staff. The information in these papers has been presented to the National Economic and Social Development Board, the institution with primary responsibility for Plan preparation in Thailand. An examination of the Population Policy statement in the Plan, as well as its implementation, will tell whether this work has had its intended impact.

4.3 Technical Assistance

4.3.1 Microcomputer technology transfer

Transfer of microcomputer technology (hardware and software) has the potential for having significant impact of both a quantitative and qualitative nature. In countries where access to computing facilities is severely limited and where a mainframe environment necessitated a programmer as intermediary between the analyst/planners and the computer, microcomputers have provided the means for planners to gain direct access to computing power. IPDP/INPLAN has worked with planners to whom it has transferred this technology to carry out planning exercises and analyses which were previously outside the realm of possibility. Thus, the outcome, with respect to population-related analyses carried out, is clear in many countries in which INPLAN has worked and is working. The extent to which taking population into account in development planning work has become a routine part of the planning process will require more time to evaluate, but appears to be a likely outcome.

4.3.2 Modeling

Modeling activities in three countries -- Somalia, Morocco, and Nigeria -- were requested specifically in connection with Plan preparation. To the extent that the modeling work is incorporated into the Plans, that is a clear indication of an INPLAN outcome. In Morocco, the seminar in which the future of Morocco was discussed and the INPLAN supported models presented has received a great deal of favorable publicity. Thus, the information has reached planners and policy makers in an appropriate setting, and there has been positive reinforcement for such activities. Model applications in other principal INPLAN countries have not yet reached a similar level of development. An important outcome, and one that is especially difficult to gauge in the short run, is that population development analyses become a regular and key focus in planning work.

4.3.3 Software development

The development of the Host system of software for model development is expected to have significant outcomes for INPLAN and other modeling exercises. Not only does it allow a conservation of resources, since Host eliminates many repetitive, time consuming programming tasks, but it also encourages concentration on planning and policy issues rather than on computer programming issues. This should allow modeling work with host country collaborators to have a stronger impact on their understanding of population-development relationships.

The availability of the MPP is also expected to have significant outcomes. It allows planners to perform on microcomputers subnational population projections taking into account interregional migration flows, thus freeing them from reliance on mainframes to which access is severely limited. The program also has extensive applications in other policy- and planning-relevant areas, allowing analyses of alternative policies and programs.

ANNEXES

ANNEX A

SUMMARY OF INPLAN COUNTRY ACTIVITIES TO DATE

AFRICA

Botswana

Training: Mr. Modise Modise, Senior Planning Officer, Ministry of Health, attended the 1985 INPLAN Seminar on Population in Development Planning for Senior Planners (October 6-18 in Washington, DC).

Burundi

Training: M. Augustin Ndabihore, Ministere a la Presidence, Charge du Plan, attended the 1985 INPLAN Seminar on Population in Development Planning for Senior Planners (October 6-18 in Washington, DC). M. Didace Munderere, Advisor to the Minister, Ministry of Social Affairs, and Dr. Nestor Ndayimirije, Assistant Director, Ministry of Health, attended the RTI-based course in Applied Population and Development Planning (French), March 17 through April 24, 1986.

Chad

Training: M. Ousman A. Haggar, Demographer in the Ministry of Plan, attended the 1985 INPLAN Seminar on Population in Development Planning for Senior Planners (October 6-18 in Washington, DC).

Ghana

Training: Mr. G.D. Apatu, Principal Economic Planning Officer, Ministry of Finance and Economic Planning, attended the 1985 INPLAN Seminar on Population in Development Planning for Senior Planners (October 6-18 in Washington, DC).

Kenya

Project Development: Dr. E. Fried visited Nairobi from June 24 through July 4, 1985 to carry out project development work. INPLAN project manager, Dr. S. Radloff was present for part of that time. USAID, the Ministry of National Planning (MNP), and the National Council for Population and Development (NCPD) requested INPLAN assistance. A tentative plan for initial activities was developed. Dr. Fried visited Nairobi January 14-22 and February 6-11, 1986 to discuss Kenya-specific activities and to make plans for the East and Southern Africa Regional Workshop. Ms. Scott visited Nairobi February 4-12, 1986 to make plans for the Regional Workshop. Dr. Knowles visited Nairobi February 6-8, 1986 to discuss Kenya-specific activities.

Training: Mr. Boniface Omuga Koyugi, Planning Officer in MNP attended the RTI-based course in Applied Population and Development Planning, March 18 through June 1, 1985.

Technical Assistance: As follow-up to Koyugi's training, INPLAN furnished an IBM-AT microcomputer system and software to MNP. On Dr. Fried's June-July, 1985 visit, she and Koyugi installed the machine. An orientation to hardware and software was provided to the sectoral planning officers.

Future Work: A Regional Seminar focusing on policy- and planning-relevant analysis, using SPSS/PC, is planned for June 30-July 11, 1986 in Nairobi. It is expected that five Kenyan planners and researchers will attend along with 10-12 planners and researchers from other countries in the region. A change in directors of the National Council for Population and Development and the slow pace of negotiating the details of the bilateral project make the nature of further Kenya-specific activities uncertain.

Ivory Coast

Training: M. Jean Kreman Konan, Assistant Director of Planning, Ministry of Labor, attended the 1985 semester-long ILO-University of Michigan course on population and development. M. Paul Koffi Koffi, Director of Employment, Ministry of Labor, attended the 1985 INPLAN Seminar on Population in Development for Senior Planners (October 6-18 in Washington, DC). Ms. Marie Tape Bonfin Chargee d'Etude Economique, Department of Planning, Ministry of Economy and Finance, and M. Eugene Yapou, Statistician/Demographer, Ministry of Health, attended the RTI-based course in Applied Population and Development Planning (French), March 17-April 24, 1986.

Liberia

Training: Ms. Amelia Ward, Deputy Minister, Ministry of Planning and Economic Affairs, attended the 1985 INPLAN Seminar on Population in Development Planning for Senior Planners (October 6-18, 1985 in Washington, DC).

Madagascar

Training: M. Roger Solomampionona Rakotoson, Chief of Service for Supervision of Regional Projects, Directorate General of Planning, and M. Eugene Razafimamonjy, Chief of Service for Manpower and Employment Planning, Directorate General of Planning, attended the RTI-based course in Applied Population and Development Planning (French), March 17-April 24, 1986.

Malawi

Training: Mr. T.P. Zamaere, Senior Statistician with the Ministry of Health attended INPLAN's course on Applied Population and Development Planning at the RTI campus (March 18 through June 1, 1985). From January 15 - 22, 1986, Ms. Settergren visited Lilongwe to install the RTI/INPLAN-provided microcomputer and to provide follow-up training to Mr. Zamaere. Mr. Ian Moore, computer programmer on assignment to the Ministry from Great Britain, participated in the sessions.

Technical Assistance: In order that Mr. Zamaere and his colleagues be able to make use of the training received by Mr. Zamaere, at the request of the Ministry, INPLAN furnished an IBM-AT microcomputer system. Ms. Settergren visited Lilongwe in January 1986 to install the microcomputer and to review material on hardware and software.

Future Work: No further in-country assistance is anticipated. Nominees for INPLAN training courses will be considered.

Mali

Project Development: Dr. R. S. Moreland visited Mali February 9-14, 1985 to carry out project development work.

Training: Institute of the Sahel computer programmer Ms. Nafissatou Diop visited RTI July 3-11, 1985. She received training in the use of dBASE III, in preparation for INPLAN assistance in the computerization of a socio-economic data base currently being compiled for Sahelian countries at the Institute of the Sahel.

Technical Assistance: One copy of the French language version of dBASE III was provided to the Institute of the Sahel.

Future Work: An in-country seminar on population and development planning for Sahelian planners and demographers is planned. It is scheduled for the end of 1986. Additional assistance will be provided in connection with the socio-economic data base.

Nigeria

Project Development: A two-person project development trip was made (Kocher: January 29-February 7, 1985; and Moreland: January 30-February 4, 1985). During their August, 1985 visit to Lagos, Drs. Arcia and Moreland met with Mr. F.O. Williams, Assistant Director for International Labour Relations, Federal Ministry of Employment, Labour and Productivity to discuss the possibility for INPLAN assistance and training. A formal request for assistance is expected.

Training: Mr. G.C.T. Nzekwu, Federal Ministry of Planning, attended the INPLAN course on Applied Population and Development Planning held at RTI March 18-June 1, 1985. Mr. O.O. Onabanjo, Federal Ministry of Agriculture, Mr. T.A. Ubane, Federal Ministry of Health, and Mr. O.A. Olasabikan, attended several weeks of the INPLAN course on Applied Population and Development Planning in the Spring of 1985, while working with INPLAN staff to develop planning models.

Mr. Abraham A. Taiwo, planning officer, Federal Ministry of Michigan course in population and development. Mr. G.C. Ezeogu, Assistant Chief Planning Officer, Federal Ministry of National Planning, attended the 1985 INPLAN Seminar on Population in Development Planning for Senior Planners (October 6-18 in Washington, DC).

Technical Assistance: INPLAN staff worked in collaboration with the ministries of Planning, Agriculture and Health in the development of planning models for the agriculture, education, health and macroeconomic sectors at RTI and during two visits to Nigeria of Drs. Arcia and Moreland in June and August, 1985 and a visit of Dr. Arcia in November, 1985. The agriculture and macroeconomic models were completed in Winter 1985-86. The models are to be used for the Five Year Plan which is currently under development.

As follow up to IPDP assistance, additional microcomputer hardware, spare parts, and supplies were sent to the ministries of Health, Agriculture and Planning.

Further enhancements to the microcomputers provided under IPDP were provided to the ministries of Planning, Health, Agriculture and Labor and were installed during the August 1985 visit of Drs. Moreland and Arcia and during the November 1985 visit of Dr. Arcia.

Future Work: Continued development of the two remaining sectoral planning models will take place over the next several months. A one or two day seminar is planned for early 1986 to disseminate the results of the models. A second course on the use of microcomputers is planned for mid-1986.

Rwanda

Training: M. Callixte Nzabonimana, Secretaire General a la Presidence de la Republique, attended the 1985 INPLAN Seminar on Population in Development Planning for Senior Planners (October 6-18 in Washington, DC). Mlle Monique Mukamanzi, Chief of the Division of Research and Evaluation, National Office of Population, and M. Festus Mutarasisi, Chief of the Division of Population Planning and Programming, Ministry of Plan, attended the RTI-based course in Applied Population and Development Planning (French), March 17-April 24, 1986.

Senegal

Project Development: Dr. J. Knowles visited Dakar on a project development trip January 26-February 1, 1985. At this time joint INPLAN-RAPID II activities were developed.

Training: In August and September eight Senegalese planners (Mssrs. Ba, Diame, Ben Geloune, Kebe, Manga, Ndao, Sadio, and Sall) received six weeks of training in Applied Population and Development Planning in North Carolina. These planners will receive technical assistance from RAPID II in developing modified sectoral RAPID presentation. M. Amadou Ba, Chief of the Division of Human Resources, Ministry of Planning, attended the 1985 INPLAN Seminar on Population in Development Planning for Senior Planners (October 6-18 in Washington, DC).

Technical Assistance: Dr. J. Knowles attended a seminar in Dakar from July 8-11, 1985 at which plans for the modelling and training activities were discussed. In November 1985, INPLAN transferred seven IBM-PC systems with fixed hard disks to the ministries of the planners who participated in the US-based training and are participating in the modeling activity. RTI staff member Mr. L. McMaster visited Dakar to install the equipment and software and review materials with the trainees (November 14-24, 1985).

Future Work: Dr. J. Knowles will attend the seminar at which the results of the modeling activities will be presented.

Sierra Leone

Training: Mr. Gerald Jeffrey John, Secretary of the National Population Commission, attended the 1985 INPLAN Seminar on Population in Development Planning for Senior Planners (October 6-18 in Washington, DC).

Somalia

Project Development: Dr. E. Fried made two project development visits to Mogadishu (July 4-11, 1985 and September 8-15, 1985). The Ministry of National Planning (MNP), USAID, and the ILO advisor agreed to a set of activities which would assist in the Five Year Plan which is under development. It was also agreed that the Mission and INPLAN would provide partial support for the completion of the IPDP-funded Settlement Survey, if UNRPA could provide one third of the necessary funds.

Training: Mr. Omar Ali Mohamed, head of the Demographic and Social Statistics Section of the Central Statistics Department, MNP, and Mr. Aden Ismail Shirwa, Head of Research and Studies of the Human Resources Department, MNP, attended the INPLAN course on Applied Population and Development Planning held at RTI from March 18 through June 1, 1985.

Ms. Sadia Ali Hersi, Head of Manpower Planning, Human Resources Department, MNP, attended the 1985 semester-long ILO-University of Michigan course in population and development. Mr. Said Mumin Mope attended the 1985 INPLAN Seminar on Population in Development Planning for Senior Planners (October 6-18 in Washington, DC). Dr. Fried and Ms. Settergren taught the first eight days of a joint RTI/INPLAN-ILO workshop on Microcomputer Applications in Population and Development Planning, held in Mogadishu January 25-February 6, 1986. Eight staff members of the Ministry of National Planning attended. Dr. Knowles lectured on microcomputer-based models in population and development planning on February 2, 1986. Thirty members of the Ministry of National Planning and other ministries attended.

Technical Assistance: INPLAN provided enhancements to the IBM-PC previously provided by DDD to the Central Statistics Department. Dr. Fried installed them with Mr. Omar on Fried's July, 1985 visit. INPLAN provided an IBM-PC system with appropriate hardware and software to the Human Resources Department, which previously had no access to computers. Dr. Fried installed the hardware and software and provided review and orientation during her September 1985 visit. INPLAN provided and

installed enhancements to the IBM-PC transferred to the Human Resources Department by the ILO on the January-February visit of Dr. Fried and Ms. Settergren. Dr. Knowles visited Mogadishu February 2-6, 1986 to work with the Human Resources Department and the Central Statistics Department on the labor force-education-employment model requested by the Ministry of National Planning. This planning model will be used as input for the Five Year Plan currently in preparation.

Future Work: Mssrs. Omar, Mope, and Aden will spend the month of May in North Carolina working with Dr. Knowles and INPLAN staff on the planning model. A seminar to disseminate the results of the modelling exercise will be held at the completion of the activity. If UNFPA agrees to share in the costs, INPLAN and the Mission will support the completion of the Settlement Survey data processing and analysis.

Sudan

Training: Mr. Ali Abdel Rahim Nugud, Assistant Undersecretary and Chief Technical Assistance Department, Ministry of Finance and Economic Planning, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC).

Uganda

Training: Dr. George Imani, Director/Coordinator of Rural Health Services, Ministry of Local Government, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC).

Zaire

Project Development: Two project development trips were made by Dr. R.S. Moreland (February 4-8, 1985 and August 26-28, 1985). During these visits a program of INPLAN assistance was developed with GOZ and USAID, with USAID agreeing to provide partial support through a buy-in.

Training: Citoyen Botswali Lengomo, Director of Social Development, Ministry of Plan, and Citoyen Kilongo Kasuku, Director of Regional Development, Ministry of Plan, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC). Dr. Moreland and RTI staff member Mr. D. Goetz presented a seminar on the uses of microcomputers for population and development planning in Kinshasa, October 28-November 8, 1985. The seminar was attended by 15 officials from the Departments of Plan and Health, the National Statistics Institute and the AID bilateral family

planning project. Citoyen Kukanga Lukasu, Chief of the Health Division, Ministry of Plan, and Citoyen Bungu Munta, Economist/Demographer, National Institute of Statistics, attended the RTI-based course in Applied Population and Development Planning (French), March 17-April 24, 1986.

Technical Assistance: In connection with the training seminar of October-November 1985, INPLAN transferred four IBM-XT microcomputer systems.

Future Work: Two additional in-country seminars are planned over the life of the project. A buy-in from the Mission is expected to engage the services of Dr. Knowles in connection with the establishment of a National Population Committee.

Zambia

Training: Ms. Celestine L. Ssewankambo, Assistant Director, Central Statistical Office, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC).

Zimbabwe

Training: Mr. Rodwell Kennedy Shamu, Senior Statistician, Central Statistical Office, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC).

ASIA

India

Project Development: Dr. J. Kocher made a project development visit to India in February 1985. A plan of technical assistance and training was developed and informally agreed upon by the Mission and GOI. Dr. Kocher made a second project development visit in February 1986. During this visit, a proposal for technical assistance and training was made formally. It is currently going through the official GOI approval process.

Training: Mr. P.N. Kapoor, Statistical Officer in Charge of Evaluation, and Mr. A.K. Vishandass, Research Officer, both of the Ministry of Health and Family Welfare, attended the INPLAN course in Applied Population and Development Planning held at RTI from March 18 through June 1, 1985.

Future Work: It is expected that two phases of the assistance (to be known as PSP - Population Simulation Project) will take place, both supported by a Mission bilateral. The first phase would consist mainly of the development and application of RAPID-II models for two Indian states. The second phase would consist of the development and application of a health and family planning program cost-benefit model at the national and/or State levels. Microcomputer transfer and training are expected to take place in relation to these activities and as follow-up to training received by Messrs. Kapoor and Vishandass. Initiation of project work is awaiting final approval by the Government of India.

Indonesia

Project Development: Dr. D. Chao made three project development trips to Jakarta (November, 1985; February 21-March 7, 1985; and September, 1985) and Dr. J. Kocher made one project development trip (February 24-March 1, 1985) to Jakarta. GOI and the Mission made requests for considerable INPLAN assistance during these trips, and the Mission agreed to a cost sharing arrangement for some of these activities.

Training: In September 1985, Dr. Chao, Ms. H. Ryan and Mr. G. Cressman carried out a two week training program on the uses of microcomputers in population-development planning work for staff of BKKBN and six other ministries. Mr. Soetedjo Moeljodihardjo, Deputy for Program Planning and Analysis, National Family Planning Coordinating Board, and Mr. Budi Soeradji, Chief, Bureau of Family Planning and Population, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC).

Technical Assistance: In response to a request for technical assistance to the Mission, RTI/INPLAN prepared a program, using a commercial spreadsheet package, which analyzes the financial impact of the Indonesian family planning program on GOI education and health sector objectives. A report based on the analysis was submitted to the Mission in April, 1985 and was subsequently incorporated into the Mission evaluation of USAID's role in the Indonesian family planning program.

In January 1986, Dr. Crouch visited Jakarta to discuss specification of an education sector model with Mission and DEPDIKBUD personnel. In addition, Dr. Crouch collected the necessary data to begin model

development. Between January and April 1986 Drs. Crouch and Stribling developed the model at RTI.

Future Work: In April 1986, Dr. Boediono and Mr. Samekto will visit RTI to refine the model further, in conjunction with training in its use. Drs. Chao, Crouch and Stribling will work with them. In July 1986, Dr. Crouch will visit Jakarta to deliver a version of the model that will function within the RTI-developed modeling environment, Host. He will also discuss any problems that may have arisen. Plans to train province level personnel in the use of the model will be discussed. It is possible that a regression-based cost-benefit of family planning model will be developed over the life of the project.

Nepal

Training: Professor Shankar Raj Pathak, Vice Chairman, National Commission on Population, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC).

Papua New Guinea

Training: Mr. Andrew Posong, Coordinator, Division of Policy, Planning and Evaluation, Department of Health, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC).

Philippines

Training: Ms. Fleur de Lys O. Torres, Director, Social Services Staff, National Economic and Development Authority, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC).

Future Work: It is anticipated that INPLAN will carry out a program including training, modeling and provision of microcomputer equipment through a buy-in from the Mission. The buy-in is already available. The first project development trip was postponed due to the elections. It will be rescheduled for Summer 1986.

Sri Lanka

Project Development: Dr. D. Chao visited Sri Lanka for project development work in November, 1984. GOSL requested technical assistance, training and research support from INPLAN. During a second

project development trip in September, 1985, Dr. Chao worked with the Population Division, Ministry of Plan Implementation (MOPI) to revise the work plan for requested activities.

Training: Mr. Wijerama P.A. Lionel, Planning Officer in the Population Division of MOPI, attended the INPLAN course on Applied Population and Development Planning at RTI from March 18 through June 1, 1985. In September 1985, Mr. G. Cressman gave a one week training program on uses of microcomputers in population-development work at the Population Division, MOPI. Mr. N.S.F. Bhareti, Additional Director, National Planning Division, Ministry of Finance and Planning, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC).

Technical Assistance: Dr. Chao attended and made a presentation at a symposium on microcomputer applications in developing countries, sponsored by the US National Academy of Sciences and the Computer and Information Technology Council of Sri Lanka from November 4-9, 1984.

In order that Mr. Lionel and others in the Division have access to appropriate hardware and software for population-development planning work, INPLAN transferred an IBM-AT system to the Division in September, 1985. Dr. Chao visited Colombo in February 1986 to provide technical assistance and training to the staff of the Population Division in developing a microcomputer-based family planning cost-benefit model. Mr. Craig Carlson, Special Assistant to the Director, was designated as the in-country technical advisor to work with RTI/INPLAN and staff on the modeling work.

Research Support: In conjunction with the modeling activity a research activity investigating the expenditure patterns in the national public health program will be carried out. Dr. Chao discussed it with Dr. Indra Gajanayaka of the University of Colombo on his February 1986 visit. Dr. Gajanayaka agreed to prepare a proposal to submit to INPLAN.

Future Work: INPLAN staff will continue to provide technical assistance and training to the staff of the Population Division in developing the cost-benefit model. It is expected that Mr. Carlson will visit RTI for two weeks in May 1986 to receive technical assistance and training. A proposal for the research proposal is expected in Spring or early Summer 1986. Partial support for these activities is being provided by the Asia/Near East Bureau.

Thailand

Project Development: During Dr. Chao's first project development trip (November 14-20, 1984), the Mission requested technical assistance for

the Population Policy Background Paper for the sixth Five Year Plan. Project development was carried out during the technical assistance trip of Drs. Chao, Crouch, Fried and Kocher in February, 1985. The National Economic and Social Development Board (NESDB) requested assistance in microcomputer transfer and training and in modelling.

Training: Mrs. Chanpen Siripiphat, Policy and Planning Analyst with NESDB attended the INPLAN course on Applied Population and Development Planning held at RTI from March 18 through June 1, 1985. From July 15 to July 30, 1985 in Bangkok, INPLAN staff carried out a training program for NESDB staff. The program covered the uses of microcomputers in population-development work and the use of the MPP model. Mr. Visuth Kanchanasuk, Chief, Social Development Sector, NESDB, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC).

Technical Assistance: Drs. Chao, Crouch, Fried and Kocher provided technical assistance on four research studies being prepared for the Population Policy Background Paper for the sixth Five Year Plan during their February, 1985 visit. The studies are being prepared by Drs. Thienchay, Suchada, Wattana and Yongyuth, all professors at Thai universities. Areas being covered are the social and economic consequences of population factors for urban problems, education, land availability and old age security. In connection with this activity, INPLAN prepared a population projection program using Lotus 1-2-3 for calculating single year, single year of age projections from five year projections. Dr. Crouch visited Thailand in April 1985 to monitor the ongoing research projects and to teach the researchers to use the projection program. In July 1985, Dr. Chao attended a seminar in Bangkok where the results of the four research projects were presented and discussed. INPLAN staff reviewed all four research papers and prepared written technical comments and suggestions in October 1985. Dr. Fried visited Bangkok December 3-11, 1985 to discuss the revision of the papers with the Thai researchers.

In July 1985, INPLAN transferred two IBM-AT microcomputer systems to NESDB and installed them. These machines will make it possible for NESDB to carry out population-development work which they were previously unable to do, due to lack of access to computing facilities. With the systems in place, INPLAN has agreed to provide technical assistance to NESDB and the National Education Council (NEC) to develop a microcomputer-based education-manpower-employment model. Dr. Fried discussed plans for this work with Dr. Jawaluksana of NESDB and Dr. Sumalee of Chulalongkorn University on her December 1985 visit.

Research Support: INPLAN is providing technical assistance for four Mission-supported research studies for the Population Policy Background Paper to the sixth Five Year Plan (February 1985 through June 1986). Final drafts of the papers were received by RTI in March 1986.

In June and December 1985 meetings with INPLAN staff, Dr. Sumalee agreed to collaborate with INPLAN and NESDB to develop the education-manpower-employment model. RTI/INPLAN received a research proposal in January 1986. Dr. Chao worked with her on the preliminary proposal during his visit to Bangkok in February 1986. Dr. Sumalee submitted a revised proposal in March 1986 for formal INPLAN and AID review and approval.

Future Work: INPLAN staff will continue to provide technical assistance to Dr. Thienchay so that he can complete the revisions of the papers and disseminate the results. INPLAN expects to provide technical assistance and training to the Population and Manpower Division of NESDB in developing an education-manpower-employment planning model. If the research project begins as scheduled, Dr. Sumalee and Dr. Charuma of Chulalongkorn University will visit RTI for two weeks in August 1986 to work with INPLAN staff members on model specification and microcomputer programming. This and other activities in Thailand are being partially supported through a buy-in from the Asia/Near East Bureau.

LATIN AMERICA AND THE CARIBBEAN

Bolivia

Project Development: Dr. O. Wolowyna made project development visits to Bolivia during January 8-22 and January 29-February 2, 1985. On a project development trip by Dr. Wolowyna August 26-September 11, 1985, a draft plan of INPLAN activities was drawn up. During a visit from January 21-31, 1986, by Dr. Wolowyna, a plan for modeling activities was drawn up with the National Population Council (CONAPO). The models to be developed are: evaluation of two population redistribution policies; evaluation of colonization projects; agriculture sector model; food-nutrition sector model; and a health sector model (with partial funding from Pathfinder). The Mission is also providing funds for these modeling activities.

Training: Ms. Maria Teresa Aguirre, a senior technical staff member of CONAPO, Ministry of Planning, attended the INPLAN course on Applied Population and Development Planning held at the RTI campus March 18 through June 1, 1985.

From August 28 through September 10, 1985 Dr. Wolowyna and Ms. D. Napolitano conducted a training program in La Paz for CONAPO staff on microcomputer applications in population-development planning, including instruction in the use of the MPP model. One staff member each from the

National Statistics Institute and one from the Ministry of Planning and Coordination attended, in addition to eight staff from CONAPO. Mr. Jose Baldivia U., Director of Population, Ministry of Planning and Coordination, attended the 1985 INPLAN Seminar in Population in Development Planning for Senior Planners (October 6-18 in Washington, DC).

During his January 1986 visit, Dr. Wolowyna conducted a training course in SPSS/PC for CONAPO; Ministry of Planning and Coordination; and Centro de Estudios para el Desarrollo Laboral y Agrario (CEDLA).

Technical Assistance: As follow-up to the training received by Ms. Aguirre and for use of CONAPO in population-development work, INPLAN transferred an IBM-AT microcomputer system in August 1985.

During his January 1986 visit, Dr. Wolowyna assisted CONAPO in the selection of personnel and consultants for the modeling activities and assisted programmers from the National Statistical Institute in the production of interprovincial migration data from the population census, which will be needed in the models.

Research Support: A subcontract was signed with CONAPO to support research activities related to the modeling work. The project, directed by Lic. Rene Pereyra, acting director of CONAPO, is scheduled for December 1985 through July 1987. Costs are shared among INPLAN, Pathfinder and the Mission.

Future Work: Two CONAPO staff will participate in the 1986 RTI-based course in Applied Population and Development Planning (Spanish). They will also work with INPLAN staff on model specification. At CONAPO's request, during the next INPLAN visit an advanced course in SPSS/PC will be taught.

Costa Rica

Technical Assistance: At the request of the Mission, RTI/INPLAN consultant Mr. David Skipp visited San Jose to carry out an assessment of demographic data availability and use in policy and planning (January 7-18, 1986). Mr. Skipp prepared a report which was provided to AID/Washington and the Mission.

Dominican Republic

Project Development: Dr. L. Crouch made project development visits during December 19, 1984-January 7, 1985 and March 10-24, 1985 in conjunction with other non-INPLAN activities. During Dr. Crouch's visit

September 16-27, 1985, meetings were held with Mr. N. Ramirez, head of the Institute for Studies on Population and Development (IEPD) and USAID regarding INPLAN assistance in a population and education research project as well as other assistance. During December 1985, Dr. Crouch visited the Mission (while on vacation) to discuss the budget for the proposed Mission buy-in to support work with IEPD on an education sector and labor supply forecasting model. The Mission is processing the papers for the buy-in.

Training: In September 1985, Dr. Crouch and Dr. del Pinal of DDD conducted a course on microcomputer applications to integrated population and development planning for staff of IEPD, the National Council for Population and the Family (CONAPOFA), and the Dominican Agrarian Institute (IAD).

Technical Assistance: In September 1985, INPLAN transferred two IBM-AT microcomputer systems. This assistance was provided in conjunction with the training for CONAPOFA and IEPD and anticipated future activities.

Future Work: When the buy-in is approved, Dr. Crouch will visit Santo Domingo to discuss model specification and data sources for the model. It is expected that work on the model will proceed during the summer and fall of 1986. At least one IEPD staff member is expected to attend the INPLAN course offered in Spanish in Applied Population and Development Planning in the Spring of 1986.

Ecuador

Project Development: INPLAN staff held initial discussions with USAID and CONADE staff during non-INPLAN visits in October and November 1985. In January 1986, Dr. Crouch visited Quito and met with CONADE to discuss possible collaborative work.

Training: Mr. Wilson Ruales, Director, National Institute of Statistics and Census, attended the 1985 INPLAN Seminar on Population in Development Planning for Senior Planners (October 6-18 in Washington, DC).

Future Work: CONADE personnel are expected to participate in the Spanish-language Applied Population and Development Planning course at RTI in the spring of 1986. It is possible that Dr. Crouch will visit Quito to discuss further collaboration after the course.

Haiti

Training: Mr. Raoul Baptiste, Chief of Human Resources and Employment, Division of Economic and Social Programming, Ministry of Plan, and Mr. Jean-Claude Gautier, Director, Directorate of Statistics, Haitian Institute of Statistics and Informatics, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC). Dr. Gerard Bros, Director of Health Programs, and Dr. Marie Jose Bros, Executive Director, both of the Association for Medical Assistance for the Poor, and Mr. Baptiste attended the RTI-based course in Applied Population in Development Planning (French), March 17-April 24, 1986.

Jamaica

Project Development: In late September, 1985, Dr. L. Crouch made a project development visit to Jamaica where he met with Ms. Lorna Murray and Ms. Grace Strachan of the Planning Institute of Jamaica (PIOJ) and Ms. June Rattray of the National Family Planning Board to discuss possible INPLAN assistance.

Future Work: Based on the number of donors and donor activities currently active in Jamaica, it was decided to defer INPLAN activities.

Mexico

Project Development: Dr. O. Wolowyna made the first INPLAN project development visit to Mexico in February, 1985. GOM and USAID requested substantial INPLAN assistance. Project development work also took place during Dr. Wolowyna's June 1985 visit to carry out a training program. In conjunction with a trip for training (November 2-14, 1985), Dr. Wolowyna carried out project development work. During a visit February 26-March 8, 1986, Dr. Wolowyna developed plans with the National Population Council (CONAPO) and the Ministry of Education to prepare education sector models at the national and state levels.

Training: In June 1985 Dr. Wolowyna and Ms. D. Napolitano conducted a two week training program on microcomputer applications for staff of CONAPO and the Mexican Social Security Institute (IMSS). Instruction was provided in the MPP model as well as in other uses of microcomputers.

Ms. Irma Espinosa, research scientist, CONAPO, attended the 1985 semester-long ILO-University of Michigan course in population and development. Lic. Francisco Javier Gutierrez, Coordinator General, CONAPO, attended the 1985 INPLAN Seminar on Population in Development Planning for Senior Planners (October 6-18 in Washington, DC).

An INPLAN training course in microcomputer applications in population and development planning was held on Dr. Wolowyna's November 1985 visit. There were 20 participants from: CONAPO, IMSS, and INEGI.

Technical Assistance: Enhancements to the existing microcomputer equipment of CONAPO and IMSS were provided by INPLAN in June 1985.

During September 1985, Act. Leopoldo Nunez Fernandez of IMSS visited RTI where he received technical assistance from Dr. Wolowyna in specifying baseline data and future trends for rural-urban population projections for Mexico. On Dr. Wolowyna's November 1985 and February-March 1986 visits, he provided technical assistance to IMSS on their projections work. On his February-March 1986 visit, the rural-urban migration projections were presented at the seminar, Mexico at the End of the 20th Century. Dr. Wolowyna was both a presenter and a discussant at this seminar. He also provided assistance on a migration survey planned by CONAPO and provided technical assistance on the INPLAN-funded research projects. RTI/INPLAN consultant Mr. J. Tarvid visited Mexico City in March 1986 to provide assistance with computer hardware and software to IMSS and CONAPO.

Research Support: Two subcontracts with RTI have been drawn up. The Academia Mexicana en Demografia Medica will conduct research to estimate the data necessary for making projections for work being carried out by IMSS. The project is directed by Lic. Leopoldo Nunez Fernandez and is scheduled from July 1, 1985 to June 30, 1986. In a second project, CONAPO will be conducting research necessary for regional education and labor force models. The project is directed by Lic. Manuel Ordorica Mellado, beginning October 15, 1985 and terminating June 15, 1987.

Future Work: INPLAN will provide assistance to IMSS in carrying out projections which bear directly on the diffusion of family planning. Over the life of the INPLAN project, CONAPO will receive assistance in training and in developing training materials to be used on the regional level. It is expected that: two participants from Mexico will attend the RTI-based course in Applied Population and Development Planning (Spanish) May-June 1986; the head of the Projections Department of the Ministry of Education will visit RTI in August to work with INPLAN staff on the education model; and RTI will transfer microcomputer hardware and software to AMIDEM, CONAPO, and the Ministry of Education.

Peru

Training: Ms. Rosalia Alvarez, Ministry of Economy and Finance, and Mr. Juan Sierra, Institute of Planning, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC).

NEAR EAST

Algeria

Training: M. Nourreddine Guehria, Directeur de la Planification des Activites Sociales, Ministere de la Planification et de l'Amangement du Territoire, and M. Mahmoud Soltani, Directeur de la Planification de la Main d'Oevre, Ministere de la Planification et de l'Amangement du Territoire, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC).

Egypt

Project Development: Dr. Kocher made a project development visit to Egypt January 25-29, 1985. Dr. Kocher and Dr. Chao visited Cairo in February 1986 to continue project development for a proposed set of INPLAN assistance activities. Based on discussions with the Mission and officials of several Egyptian agencies, a draft proposal was prepared. The package of activities includes microcomputer transfer and training and development of a family planning cost-benefit model and a health and family planning sectoral planning model.

Training: Dr. Imam Saleh Lotfalla, a senior health economist in the Institute of National Planning (INP), attended the INPLAN course on Applied Population and Development Planning held at RTI from March 18 through June 1, 1985. Dr. Abdel Salam Hassan, Deputy Director of the Egyptian National Family Planning Project, National Population Council, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC).

Future Work: Conditional on the approval of GOE officials of the use of USAID bilateral funds for the proposed INPLAN activities, INPLAN expects to carry out, in collaboration with the National Population Council, the Central Agency for Public Mobilization and Statistics, and the Institute of National Planning, the above proposed activities.

Morocco

Project Development: Dr. J. Knowles made a project development and technical assistance visit to Morocco in January 1985 and worked with staff of the Ministry of Plan (MOP).

Technical Assistance: In December 1984, an INPLAN microcomputer was transferred to and installed at MOP by an RTI staff member. In February 1985, Dr. Knowles provided technical assistance in initial development of population-development models for use in the next Three Year Development Plan (1986-88). These population impact models are in the areas of education, family planning, employment, health, water, agriculture, housing, manpower and population and involve several ministries. In April 1985, Dr. Knowles visited Morocco to provide assistance on model development. On this trip planners were trained in the use of and presentation of models in the areas of demographics, family planning, education and employment. In May 1985, Dr. Knowles visited Morocco to provide technical assistance in the modeling activities and in planning for a national seminar at which population impact would be discussed and results of the modeling exercises presented.

In April 1985, an IBM-AT microcomputer system was transferred to MOP. In May 1985, an Okidata printer was transferred to MOP.

Dr. Knowles visited Rabat October 16-30, 1985 to provide assistance for a three day national seminar on the needs of the Moroccan population in the year 2005. Results of the collaborative modeling activities were presented. In January 1986, Dr. Knowles visited Rabat to provide further assistance on the models. In February 1986, work to integrate the models, using Host, began.

Future Work: Further training and technical assistance in modeling are anticipated. All activities in Morocco have been support by a Mission buy-in.

Tunisia

Project Development: Dr. R.S. Moreland made project development visits to Tunisia January 28-30, 1985 and February 9-20, 1986. Ms. Scott visited Tunis February 13-20, 1986 and consultant M. Hopkins visited February 11-15, 1986.

Training: Ministry of Plan (MOP) official M. Mohamed Skouri visited RTI April 24-May 10, 1985 where he received training in the use of the IBM-AT microcomputer and the RTI/INPLAN MPP program, in preparation for the next Five Year Plan.

Technical Assistance: In support of the population projection activities in connection with the Five Year Plan preparations and anticipated future collaboration, INPLAN transferred an IBM-AT microcomputer system to the Ministry of Plan, Human Resources Division, in June 1985.

Future Work: INPLAN anticipates working with MOP in the development of a long term demographic-economic model for Tunisia and with MOP and OWFP in the development of a cost-benefit model of family planning. A Near East regional seminar is planned to take place in Tunisia in the fall of 1986. This work will be supported by a buy-in from the Asia/Near East Bureau.

Turkey

Project Development: In February 1986, Dr. Kocher made a project development visit to Turkey to discuss with officials of the State Planning Organization (SPO) and U.S. Embassy possible INPLAN assistance for the staff of SPO.

Training: Mr. Mahir Kondu, Planning Expert with SPO attended the INPLAN course on Applied Population and Development Planning held at the RTI campus from March 18 through June 1, 1985.

Future Work: It is expected that during FY87 INPLAN will provide to SPO two microcomputer systems, an in-country training program on microcomputer applications in population in development planning, and technical assistance in the development and application of a population-education-manpower planning-employment model for Turkey. This assistance will be funded through a buy-in to the INPLAN project from the Asia/Near East Bureau.

Yemen

Training: Mr. Khled Ahmed Alzarqh, Assistant Director General of Planning, Ministry of Labor and Social Affairs, attended the 1985 INPLAN Seminar on Population and Development Planning for Senior Planners (October 6-18 in Washington, DC).

ANNEX B

ANNEX B

INPLAN STAFF

RTI program and technical staff members who spent half or more of their time working on the INPLAN project during this reporting period are listed below.

James E. Kocher, PhD, Director
Ellen Shapiro Fried, PhD, Deputy Director
Mary C. Scott, Project Manager
R. Scott Moreland, PhD, Senior Economist
Dennis N.W. Chao, PhD, Senior Population Economist
Oleh Wolowyna, PhD, Senior Demographer
Gordon Cressman, MS, Microcomputer Specialist and Programmer
Luis Crouch, PhD, Senior Economist
Cindy McClintock, Program Analyst

The following additional RTI technical staff members made significant contributions to specific project activities during the reporting period, while working less than half-time on the project.

Gustavo Arcia, PhD, Senior Economist
Beth Barnwell, PhD, Software Design Specialist
Susan Settergren, MS, Statistician and Computer Specialist
Diane Napolitano Catotti, Analyst
Daniel Goetz, MS, Microcomputer Specialist
Kirsten Olson, MS, Economist
Mary Rice, MS, Economist
Hazel Ryon, Analyst
Larry McMaster, Microcomputer Specialist
Dee Stribling, PhD, Programmer
Randy Lucas, MS, Programmer

Through a subcontract with The Knowles Corporation, Dr. James C. Knowles spent approximately four months working on INPLAN project activities during the reporting period.

Carol Sierpien, computer software design specialist, made significant contributions to the development of the programming shell, Host, working for RTI as a consultant. Consultant James Tarvid, Systems Analyst, made significant improvements to the Multiregional Population Projection program.

Liz Lundy, Lydia Lyon, Jacki Epperson and Linda Downs were the principal RTI support staff who worked on the project during this period.

ANNEX C

TABLE 1
TRAINING/STUDY TOUR PARTICIPANTS

Country	Trainee/Pos/Inst	Course	Location	Dates
Bolivia	Ms. Maria Teresa Aguirre Coordinator of Spatial Population Distribution Program Ministerio de Planeamiento Y Coordinacion	Applied Population and Development Planning	RTPK, NC Washington, DC New York, NY	March 18-May 25, 1985 May 25-29, 1985 May 29-31, 1985
Egypt	Dr. Imam Saleh Lotfalla Health Economist Institute of National Planning	Applied Population and Development Planning	RTPK, NC Washington, DC New York, NY	March 18-May 25, 1985 May 25-29, 1985 May 29-31, 1985
India	Mr. P.N. Kapoor Officer on Special Duty (OSD) in charge of Evaluation Ministry of Health and Family Welfare	Applied Population and Development Planning	RTPK, NC Washington, DC New York, NY	March 18-May 25, 1985 May 25-29, 1985 May 29-31, 1985
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India	Mr. A.K. Vishandass Research Officer (Policy) Ministry of Health and Family Welfare	Applied Population and Development Planning	RTPK, NC Washington, DC New York, NY	March 18-May 25, 1985 May 25-29, 1985 May 29-31, 1985
Kenya	Mr. Boniface Omuga K'oyugi Planning Officer Ministry of Finance and Planning	Applied Population and Development Planning	RTPK, NC Washington, DC New York, NY	March 18-May 25, 1985 May 25-29, 1985 May 29-31, 1985
Malawi	Mr. Terry P. Zamaere Senior Statistician Ministry of Health	Applied Population and Development Planning	RTPK, NC Washington, DC New York, NY	March 18-May 25, 1985 May 25-29, 1985 May 29-31, 1985
Nigeria	Mr. Gregory C.T. Nzekwu Principal Planning Officer Federal Ministry of National Planning	Applied Population and Development Planning	RTPK, NC Washington, DC New York, NY	March 18-May 25, 1985 May 25-29, 1985 May 29-31, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Somalia	Mr. Omar Ali Mohamud Head of Demographic and Social Statistics Section Central Statistics Department Ministry of National Planning	Applied Population and Development Planning	RTPK, NC Washington, DC New York, NY	March 18-May 25, 1985 May 25-29, 1985 May 29-31, 1985
Somalia	Mr. Aden Ismail Shirwa Head of Research and Studies Human Resources Department Ministry of National Planning	Applied Population and Development Planning	RTPK, NC Washington, DC New York, NY	March 18-May 25, 1985 May 25-29, 1985 May 29-31, 1985
Sri Lanka	Mr. Wijerama P.A. Lionel Planning Officer Population Division Ministry of Plan Implementation	Applied Population and Development Planning	RTPK, NC Washington, DC New York, NY	March 13-May 25, 1985 May 25-29, 1985 May 29-31, 1985
Thailand	Mrs. Chanpen Siripiphat Policy and Planning Analyst Population and Manpower Planning Division National Economic and Social Development Board (NESDB)	Applied Population and Development Development Planning	RTPK, NC Washington, DC New York, NY	March 18-May 25, 1985 May 25-29, 1985 May 29-31, 1985
Turkey	Mr. Mahir Kondu Planning Expert State Planning Organization	Applied Population and Development Planning	RTPK, NC Washington, DC New York, NY	March 18-March 25, 1985 May 25-29, 1985 May 29-31, 1985
Nigeria	Mr. O. A. Olasebikan Chief Planning Officer (Education) Social Services Department Federal Ministry of National Planning	Applied Population and Development Planning	RTPK, NC	April 17-May 18, 1985
Nigeria	Mr. O. O. Onabanjo Federal Ministry of Agricul- ture, Water Resources & Rural Division Central Planning Department	Applied Population and Development Planning	RTPK, NC	April 17-May 18, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Nigeria	Mr. T. A. Ubuane Federal Ministry of Health Directorate of National Health Planning & Research	Applied Population and Development Planning	RTPK, NC	April 17-May 18, 1985
Tunisia	Mr. Mohamed Skouri Planner Ministry of Plan	Applied Population and Development Planning	RTPK, NC	April 24-May 10, 1985
Mexico	Blas Belmont Analyst Actuarial Division IMSS	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985
C.3 Mexico	Leonila Flores Analyst Family Planning Division IMSS	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985
Mexico	Javier Gonzalez Programmer Family Planning Division IMSS	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985
Mexico	Silvia Jimenez Analyst Family Planning Division IMSS	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985
Mexico	Daniel Hernandez Analyst Family Planning Division IMSS	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985
Mexico	Doroteo Mendoza Analyst Family Planning Division IMSS	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Mexico	Leopoldo Nunez Head of Demographic Studies Family Planning Division IMSS	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985
Mexico	Miguel Sanchez Programmer Family Planning Division IMSS	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985
Mexico	Luisa Ma Benitez Head of International Migration CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985
C.4 Mexico	Sergio Camposortega Head of Information and Forecasting CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985
Mexico	Rafael Garcia Analyst CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985
Mexico	Rafael Gonzalez Head of Population and Development Department CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985
Mexico	Vicente Medina Head of Population Projec- tions Department CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Mexico	Francisco Padilla Researcher Division of Regional and SE Studies CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985
Mexico	Javier Perez Head of Information Department CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985
Mexico	Miguel Rodriguez Head of Regional and Urban Development CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	Mexico City	June 16-26, 1985
Senegal	Ms. Nafissatou Diop Computer Programmer Institute of the Sahel	dBase III	RTPK, NC	July 3-11, 1985
Thailand	Mr. Chet Boonpratuang Chief Population Planning Sector NESDB	Using Microcomputers for Data Processing and Analysis of Demo- graphic Data for Development Planning	Bangkok, Thailand	July 15-31, 1985
Thailand	Ms. Chirapaporn Laima Analyst Population Planning Sector NESDB	Using Microcomputers for Data Processing and Analysis of Demo- graphic Data for Development Planning	Bangkok, Thailand	July 15-31, 1985
Thailand	Ms. Chanpen Siripiphat Policy and Planning Analyst Population Planning Sector NESDB	Using Microcomputers for Data Processing and Analysis of Demo- graphic Data for Development Planning	Bangkok, Thailand	July 15-31, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Thailand	Mr. Surachai Koomsin Analyst Population Planning Sector NESDB	Using Microcomputers for Data Processing and Analysis of Demo- graphic Data for Development Planning	Bangkok, Thailand	July 15-31, 1985
Thailand	Dr. Jawalasksana Rachapaetayakom Chief Wage and Employment Planning Sector NESDB	Using Microcomputers for Data Processing and Analysis of Demo- graphic Data for Development Planning	Bangkok, Thailand	July 15-31, 1985
Thailand	Ms. Jutamas Wayachut Analyst Wage and Employment Planning Sector NESDB	Using Microcomputers for Data Processing and Analysis for Demo- graphic Data for Development Planning	Bangkok, Thailand	July 15-31, 1985
Thailand	Ms. Wilai Wongpoonsin Analyst Manpower Development Planning Sector NESDB	Using Microcomputers for Data Processing and Analysis of Demo- graphic Data for Development Planning	Bangkok, Thailand	July 15-31, 1985
Thailand	Mr. Preecha Viyavong Analyst Human Resource Policy and Planning Sector NESDB	Using Microcomputers for Data Processing and Analysis of Demo- graphic Data for Development Planning	Bangkok, Thailand	July 15-31, 1985
Senegal	Mr. Hamidou Ba Statistician/Demographer Ministry of Plan and Cooperation Planning Division	Applied Population and Development Plan- ning (French with Specific Application to Senegal)	RTPK, NC Washington, DC New York, NY	August 18-September 25, 1985 September 25-28, 1985 September 28-30, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Senegal	Mr. Hadji Malick Diame Statistician/Demographer Ministry of Health DRPF	Applied Population and Development Plan- ning (French with Specific Application to Senegal)	RTPK, NC Washington, DC New York, NY	August 18-September 25, 1985 September 25-28, 1985 September 28-30, 1985
Senegal	Mr. Bachir Ben Geloune Economist/Demographer CONAPOP Ministry of Plan and Cooperation	Applied Population and Development Plan- ning (French with Specific Application to Senegal)	RTPK, NC Washington, DC New York, NY	August 18-September 25, 1985 September 25-28, 1985 September 28-30, 1985
Senegal	Mr. Amadou Kebe Economist Secretariat of Labor	Applied Population and Development Plan- ning (French with Specific Application to Senegal)	RTPK, NC Washington, DC New York, NY	August 18-September 25, 1985 September 25-28, 1985 September 28-30, 1985
C.7 Senegal	Mr. Velence Manga Regional Planner Division of Regional Planning Secretariat of Decentralization	Applied Population and Development Plan- ning (French with Specific Application to Senegal)	RTPK, NC Washington, DC New York, NY	August 18-September 25, 1985 September 25-28, 1985 September 28-30, 1985
Senegal	Mr. Makha Ndao Chief Planning Division Directorate of Research and Planning Ministry of National Education	Applied Population and Development Plan- ning (French with Specific Application to Senegal)	RTPK, NC Washington, DC New York, NY	August 18-September 25, 1985 September 25-28, 1985 September 28-30, 1985
Senegal	Mr. Abdoulaye Sadio Demographer Ministry of Economy and Finance Department of Statistics	Applied Population and Development Plan- ning (French with Specific Application to Senegal)	RTPK, NC Washington, DC New York, NY	August 18-September 25, 1985 September 25-28, 1985 September 28-30, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Senegal	Mr. Amdil Bassikou Sall Agricultural Economist Ministry of Rural Development	Applied Population and Development Planning (French with Specific Application to Senegal)	RTPK, NC Washington, DC New York, NY	August 18-September 25, 1985 September 25-28, 1985 September 28-30, 1985
Bolivia	Lic. Jose Baldivia Director CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	La Paz, Bolivia	August 28-September 10, 1985
Bolivia	Lic. Rene Pereyra Head of Population Division MPC CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	La Paz, Bolivia	August 28-September 10, 1985
Bolivia	Lic. Hugo Torrez Economist/Demographer CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	La Paz, Bolivia	August 28-September 10, 1985
Bolivia	Arq. Maria Teresa Aguirre Regional Planner CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	La Paz, Bolivia	August 28-September 10, 1985
Bolivia	Lic. Maria Elena Querejazu Demographer CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	La Paz, Bolivia	August 28-September 10, 1985
Bolivia	Ms. Sylvia Calderon Head Documentation Center CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	La Paz, Bolivia	August 28-September 10, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Bolivia	Mr. Jose Uribe Sociologist CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	La Paz, Bolivia	August 28-September 10, 1985
Bolivia	Ms. Monica Carrasco Secretary CONAPO	Using Microcomputers for Population and Development Planning, Including MPP	La Paz, Bolivia	August 28-September 10, 1985
Bolivia	Mr. Sergio Cornejo Programmer Ministry of Plan and Coordination	Using Microcomputers for Population and Development Planning, Including MPP	La Paz, Bolivia	August 28-September 10, 1985
Bolivia C.9	Ms. Gilka Jimenez Population Specialist INE	Using Microcomputers for Population and Development Planning, Including MPP	La Paz, Bolivia	August 28-September 10, 1985
Ivory Coast	Mr. Jean Kreman Konan Assistant Director of Planning Ministry of Labor	ILO-Univ. of Mich. Course in Population and Development	Ann Arbor, MI	September 1-December 15, 1985
Mexico	Ms. Irma Espinosa Research Scientist CONAPO	ILO-Univ. of Michigan Course in Population and Development	Ann Arbor, MI	September 1-December 15, 1985
Nigeria	Mr. Abraham A. Taiwo Planning Officer Federal Civil Service Commission	ILO-Univ. of Michigan Course in Population and Development	Ann Arbor, MI	September 1-December 15, 1985
Somalia	Ms. Sadia Ali Hersi Head of Manpower Planning Department of Human Resources Ministry of National Planning	ILO-Univ. of Michigan Course in Population and Development	Ann Arbor, MI	September 1-December 15, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Indonesia	Drs. Ny E. Srihartati P. Pandi Deputy for Development	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. Soetedjo Moeljodihardjo Deputy for Planning and Analysis	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. H. Mahyudin Deputy for Operation	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
C.10 Indonesia	Drs. H. Santoso S. Hamijoyo Deputy for Program Personnel	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. Muh Pangestuhadi Sk Deputy for General Affairs	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. Soegeng Supari Deputy for Supervision	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. Mardhani S. Dipo Expert	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. R. H. Pardoko Expert	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Indonesia	Drs. A. Cholil Expert	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. Sahala Panyaitan Director Bureau of Analysis	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. Pudjo Rahardjo Director Bureau of Planning	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
C.II Indonesia	Dr. Aminarto Director Bureau of Logistics	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. Sugeng Waluyo Director Center for Family Planning Study	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. Ny Sunarti Sudomo Director Center for Biomedical Study	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. Bambang Suryopranoto Director Center for Information	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Indonesia	Drs. Made Are Subrata Director Computer Center	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Mr. Sumarsono Director Bureau of Information and Motivation	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Dr. Harry Victor Darmokusumo Director Bureau of Integration	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia C.12	Dr. Soemarno Director Personnel Training Center	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. Edeng H. Abd Rahman Ministry of Population and Environment	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. Affandi Ministry of Home Affairs	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. Bahari Harahap Bureau of Reporting and Record- ing	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Indonesia	Drs. Unung Amihardja Training Center for Program Personnel	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Dr. Subajio Bureau of Analysis	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. Thamrin Center for Information	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
C.13 Indonesia	Mr. Sudarmasto HOTL	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. L. Sudarmadi Bureau of Planning	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. Agus Rukanda IRO	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
Indonesia	Drs. Imam Hendargo Ismoyo Ministry of Population and Environment	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
		Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Indonesia	Drs. Darlis Rabai Demography Center University of Indonesia	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
		Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985
Indonesia	Yaya Heryadi Ministry of Education and Culture	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
		Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985
Indonesia	Titiek Setyowati Ministry of Health	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
		Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985
Indonesia	Drs. Maman Setiawan, MA Ministry of Planning	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
		Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Indonesia	Drs. Hadiyono Bureau of Reporting and Recording	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
		Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985
Indonesia	Drs. Sugijartono Training Center for Program Personnel	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
		Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985
Indonesia	Drs. Sudwadi Wimandjaja Bureau of Finance	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
		Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985
Indonesia	Drs. Eman Ministry of Home Affairs	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
		Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Indonesia	Drs. Ben Mamoto Center for Decision Study	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
		Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985
Indonesia	Wisol, SH Bureau of Program Supervision	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
		Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985
Indonesia	Eddy Hidayat Bureau of Logistics	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
		Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985
Indonesia	Dr. Heru P. Kasidi Center for Biomedical Study	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
		Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Indonesia	Drs. M. Sardjan Bureau of Personnel	Microcomputer Models for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 9-11, 1985
		Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985
Indonesia	Drs. Thamrin Andi Pallawa PUJID	Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985
Indonesia	Soni Trisno Wibisono, BSC BAP	Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985
Indonesia	Drs. Subagyo BAP	Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985
Indonesia	Ny. Teguh Ashmar, MA BIREN	Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985
Indonesia	Drs. Soekirno Hadimartono BAP	Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985
Indonesia	Ir. Djusni Meirida PUSIK	Using Microcomputers for Integrated Popula- tion and Development Planning	Jakarta, Indonesia	September 11-20, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Dominican Republic	Maritza Molina Achécar Evaluation Sub-Director CONAPOFA	Microcomputer Applications to Integrated Population and Development Planning	Santo Domingo, Dominican Republic	September 16-27, 1985
Dominican Republic	Francisco Cáceres Demographer CONAPOFA	Microcomputer Applications to Integrated Population and Development Planning	Santo Domingo Dominican Republic	September 16-27, 1985
Dominican Republic	Dominicana Rodriguez Cairo Executive Secretary CONAPOFA	Microcomputer Applications to Integrated Population and Development Planning	Santo Domingo, Dominican Republic	September 16-27, 1985
Dominican Republic C. 18	Rosa Queiro Calcano Data Processing Specialist CONAPOFA	Microcomputer Applications to Integrated Population and Development Planning	Santo Domingo, Dominican Republic	September 16-27, 1985
Dominican Republic	Maria A. Montero Assistant in Research and Evaluation CONAPOFA	Microcomputer Applications to Integrated Population and Development Planning	Santo Domingo, Dominican Republic	September 16-27, 1985
Dominican Republic	Carmen Gómez Carrasco Research Assistant IEPD	Microcomputer Applications to Integrated Population and Development Planning	Santo Domingo, Dominican Republic	September 16-27, 1985
Dominican Republic	Santiago Hirujo Education Specialist Population and Development Research Institute	Microcomputer Applications to Integrated Population and Development Planning	Santo Domingo, Dominican Republic	September 16-27, 1985
Dominican Republic	Manuel Quiterio Researcher Population and Development Research Institute	Microcomputer Applications to Integrated Population and Development Planning	Santo Domingo, Dominican Republic	September 16-27, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Dominican Republic	Nelson Ramirez Director Population and Development Research Institute	Microcomputer Applications to Integrated Population and Development Planning	Santo Domingo, Dominican Republic	September 16-27, 1985
Dominican Republic	Antonio Tatis Research Assistant Population and Development Research Institute	Microcomputer Applications to Integrated Population and Development Planning	Santo Domingo, Dominican Republic	September 16-27, 1985
Dominican Republic	Senaida Jansen (Observer) Data Processing Specialist Dominican Agrarian Institute	Microcomputer Applications to Integrated Population and Development Planning	Santo Domingo, Dominican Republic	September 16-27, 1985
Dominican Republic C.19	Bolivar Gil (Observer) Computation Sub-director ONE	Microcomputer Applications to Integrated Population and Development Planning	Santo Domingo, Dominican Republic	September 16-27, 1985
Sri Lanka	Mr. Lionel Wijerama Planning Officer Population Division Ministry of Plan Implementation	Microcomputer Applications in Population and Development Planning	Colombo, Sri Lanka	September 21-30, 1985
Sri Lanka	Mr. Craig Carlson Special Assistant to Director Population Division Ministry of Plan Implementation	Microcomputer Applications in Population and Development Planning	Colombo, Sri Lanka	September 21-30, 1985
Sri Lanka	Ms. Neelakshe Desilva Special Service Officer Population Division Ministry of Plan Implementation	Microcomputer Applications in Population and Development Planning	Colombo, Sri Lanka	September 21-30, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Algeria	Mr. Nourreddine Guehria Directeur de la Planification des Activités Sociales Ministère de la Planification et de l'Amenagement du Territoire	RTI/INPLAN Fall Semi- nar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Algeria	Mr. Mahmoud Soltani Directeur de la Planification de la Main d'Oeuvre Ministère de la Planification et de l'Amenagement du Territoire	RTI/INPLAN Fall Semi- nar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Bolivia	Lic. Jose Baldivia U. Director de Población Ministerio de Planeamiento y Coordinación	RTI/INPLAN Fall Semi- nar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Botswana	Mr. Modise Modise Senior Planning Officer Ministry of Health	RTI/INPLAN Fall Semi- nar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Burundi	Mr. Augustin Ndabihore Ministère à la Presidence Chargé du Plan	RTI/INPLAN Fall Semi- nar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Chad	Mr. Ousman A. Haggar Demographer Ministry of Plan	RTI/INPLAN Fall Semi- nar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Ecuador	Mr. Wilson Ruales Director del Instituto Nacional de Estadística y Censos	RTI/INPLAN Fall Semi- nar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Egypt	Mr. Abdel-Salam Hassan General Director of Planning and Monitoring National Family Planning Program	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Ghana	Mr. G. D. Apatu Principal Economic Planning Officer Ministry of Finance and Economic Planning	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Haiti	Mr. Raoul Baptiste Chef du Service des Ressources Humaines et de l'Emploi Direction de la Programmation Economiques et Social Ministère du Plan	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
C.21 Haiti	Mr. Jean-Claude Gautier Directeur de la Direction de Statistique Générale Institut Haitien de Statistique et de l'Informatique	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Indonesia	Mr. Soetedjo Moeljodihardjo Deputy for Program Planning and Analysis National Family Planning Coordinating Board	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Indonesia	Mr. Budi Soeradji Chief Bureau of Family Planning and Population	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Ivory Coast	Mr. Paul Koffi Koffi Director of Employment Ministry of Labour	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Liberia	Ms. Amelia Ward Deputy Minister Ministry of Planning and Economic Affairs	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Mexico	Lic. Francisco Javier Gutierréz Coordinador General de Estudios de Población Consejo Nacional de Población	RTI/INPLAN Fall Seminar on Population Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Nepal	Prof. Shankar Raj Pathak Vice-Chairman National Commission on Population	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Nigeria	Mr. G. C. Ezeogu Assistant Chief Planning Officer Federal Ministry of National Planning	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Papua New Guinea	Mr. Andrew Posong Coordinator Division of Policy, Planning and Evaluation Department of Health	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Peru	Ms. Rosalia Alvarez E. Ministerio de Economía y Finanzas Dirección General del Presupuesto Público	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Peru	Mr. Juan Sierra C. Instituto de Planificacion	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Philippines	Ms. Fleur de Lys O. Torres Director Social Services Staff National Economic and Development Authority	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Rwanda	Mr. Callixte Nzabonimana Secrétaire Général á la Presidence de la République	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Senegal	Mr. Amadou Ba Chef de Division des Ressources Humaines Direction de la Planification Ministère du Plan et de la Cooperation	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Sierra Leone	Mr. Gerald Jeffrey John Secretary National Population Commission	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Somalia	Mr. Said Mumin Mope Director Human Resources Department Ministry of National Planning	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Sri Lanka	Mr. N.S.F. Bhareti Additional Director National Planning Division Ministry of Finance and Planning	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Sudan	Mr. Ali Abdel Rahim Nugud Assistant Undersecretary and Chief Technical Assistance Department Ministry of Finance and Economic Planning	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Thailand	Mr. Visuth Kanchanasuk Chief Social Development Sector National Economic and Social Development Board	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Uganda	Dr. George Imani Director/Coordinator Rural Health Services Ministry of Local Government	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
C.24 Yemen	Mr. Khled Ahmed Alzarqh Assistant Director General of Planning Ministry of Labor and Social Affairs	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Zaire	Citoyen Botswali Lengomo Directeur du Developpement Social Ministère du Plan	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Zaire	Citoyen Kilongo Kasuku Directeur du Developpement Régional Ministère du Plan	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Zambia	Ms. C. L. Ssewankambo Assistant Director Central Statistical Office	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Zimbabwe	Mr. Rodwell Kennedy Shamu Senior Statistician Central Statistical Office	RTI/INPLAN Fall Seminar on Population in Development Planning for Senior Planners	Washington, DC	October 6-18, 1985
Zaire	Danaho Raoul Macroeconomics Division Ministry of Plan	Introduction to the Use of Microcomputers in Population and Development Planning	Kinshasa, Zaire	October 28-November 8, 1985
Zaire	Djumbu Welo Macroeconomics Division Ministry of Plan	Introduction to the Use of Microcomputers in Population and Development Planning	Kinshasa, Zaire	October 28-November 8, 1985
Zaire C.25	Bitema Mbwanya Macroeconomics Division Ministry of Plan	Introduction to the Use of Microcomputers in Population and Development Planning	Kinshasa, Zaire	October 28-November 8, 1985
Zaire	Mukanga Lushima Social Services Division Ministry of Plan	Introduction to the Use of Microcomputers in Population and Development Planning	Kinshasa, Zaire	October 28-November 8, 1985
Zaire	Muhigiri Bashanire Social Services Division Ministry of Plan	Introduction to the Use of Microcomputers in Population and Development Planning	Kinshasa, Zaire	October 28-November 8, 1985
Zaire	Ngama Ye Dueme Social Services Division Ministry of Plan	Introduction to the Use of Microcomputers in Population and Development Planning	Kinshasa, Zaire	October 28-November 8, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Zaire	Nkutu Labund Ngung Regional Planning Division Ministry of Plan	Introduction to the Use of Microcomputers in Population and Development Planning	Kinshasa, Zaire	October 28-November 8, 1985
Zaire	Kashala Mukendi Computer Unit Ministry of Plan	Introduction to the Use of Microcomputers in Population and Development Planning	Kinshasa, Zaire	October 28-November 8, 1985
Zaire	Nzembele Mulonda Computer Unit Ministry of Plan	Introduction to the Use of Microcomputers in Population and Development Planning	Kinshasa, Zaire	October 28-November 8, 1985
Zaire C. 26	Mbala-Nkusu Lema Computer Unit Ministry of Plan	Introduction to the Use of Microcomputers in Population and Development Planning	Kinshasa, Zaire	October 28-November 8, 1985
Zaire	Tshiswaka Lumembo Institut National de la Statistique Ministry of Plan	Introduction to the Use of Microcomputers in Population and Development Planning	Kinshasa, Zaire	October 28-November 8, 1985
Zaire	Bungu Munta Institut National de la Statistique Ministry of Plan	Introduction to the Use of Microcomputers in Population and Development Planning	Kinshasa, Zaire	October 28-November 8, 1985
Zaire	Bakadipanga Twakule Projet des Services de Naissances Desirables Ministry of Plan	Introduction to the Use of Microcomputers in Population and Development Planning	Kinshasa, Zaire	October 28-November 8, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Zaire	Mugaruka Muhimanyi Projet des Services de Naissainces Desirables Ministry of Plan	Introduction to the Use of Microcomputers in Population and Development Planning	Kinshasa, Zaire	October 28-November 8, 1985
Zaire	Moswala Mazua Ministry of Health	Introduction to the Use of Microcomputers in Population and Development Planning	Kinshasa, Zaire	October 28-November 8, 1985
Mexico	Sergio Composortega Deputy Director of Information and Forecasts Consejo Nacional de Población	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico C.27	Arturo Gonzalez Head, Population Projections Division Consejo Nacional de Población	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico	Vicente Medina Head, Methods and Demographic Techniques Division Consejo Nacional de Población	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico	Ma. Isabel Monterrubio Researcher Consejo Nacional de Población	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico	Manuel Ordorica Head of Demographic Analysis Consejo Nacional de Población	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Mexico	Guillermo Orozco Head of Informatics Consejo Nacional de Población	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico	Francisco Padilla Researcher Consejo Nacional de Población	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico	Javier Perez Astorga Head of Information Department Consejo Nacional de Población	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico C.28	Victor Ceballos Evaluation Analyst Instituto Mexicano del Seguro Social	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico	Silvia Cruz Analyst Instituto Mexicano del Seguro Social	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico	Leonila Flores Analyst-Programmer Instituto Mexicano del Seguro Social	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico	Javier Gonzalez Analyst-Programmer Instituto Mexicano del Seguro Social	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Mexico	Silvia Jimenez Analyst Instituto Mexicano del Seguro Social	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico	Javier Jimenez Analyst Instituto Mexicano del Seguro Social	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico	Angelica Martinez Analyst Instituto Mexicano del Seguro Social	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico C.29	Doroteo Mendoza Analyst, Population Statistical Models Department Instituto Mexicano del Seguro Social	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico	Leopoldo Nunez Head, Demographic Studies Department Instituto Mexicano del Seguro Social	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico	Miguel Sanchez Analyst-Programmer Instituto Mexicano del Seguro Social	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Mexico	Atilia Ramirez Researcher Direccion Nacional de Estadistica	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Mexico	Rorica Simon Sauri Researcher Direccion Nacional de Estadistica	Use of Microcomputers in Population and Development Planning (Advanced)	Mexico City, Mexico	November 4-12, 1985
Somalia	Mr. Abdullahi Isse Afi Deputy Director Human Resources Department Ministry of National Planning	Microcomputer Applica- tions for Population in Development Planning (INPLAN-ILO)	Mogadishu, Somalia	January 25-February 6, 1986
Somalia	Mr. Mohamed Herzi Abdulle Deputy Head Research and Studies Section Human Resources Department Ministry of National Planning	Microcomputer Applica- tions for Population in Development Planning (INPLAN-ILO)	Mogadishu, Somalia	January 25-February 6, 1986
C.30 Somalia	Mr. Isse Ali Ahmed Planning Department Ministry of National Planning	Microcomputer Applica- tions for Population in Development Planning (INPLAN-ILO)	Mogadishu, Somalia	January 25-February 6, 1986
Somalia	Mr. Abdirashid Ahmed Haji Planning Department Ministry of National Planning	Microcomputer Applica- tions for Population in Development Planning (INPLAN-ILO)	Mogadishu, Somalia	January 25-February 6, 1986
Somalia	Mr. Abdullahi Hussein Aden Head Agriculture Section Ministry of National Planning	Microcomputer Applica- tions for Population in Development Planning (INPLAN-ILO)	Mogadishu, Somalia	January 25-February 6, 1986
Somalia	Mr. Shire Barre Farah Director Documentation Center	Microcomputer Applica- tions for Population in Development Planning (INPLAN-ILO)	Mogadishu, Somalia	January 25-February 6, 1986

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Somalia	Ms. Habiba Ali Aden Section Head Directorate of Statistics Ministry of National Planning	Microcomputer Applications for Population in Development Planning (INPLAN-ILO)	Mogadishu, Somalia	January 25-February 6, 1986
Somalia	Mr. Abdirisak Dini Osoble Director Data Processing Department Directorate of Statistics Ministry of National Planning	Microcomputer Applications for Population in Development Planning (INPLAN-ILO)	Mogadishu, Somalia	January 25-February 6, 1986
Bolivia	Lic. Hugo Torrez Economist-Demographer CONAPO	SPSS/PC for Population-Development Planning	La Paz, Bolivia	January 27-30, 1986
C.31 Bolivia	Lic. Maria Elena Querejazu Demographer CONAPO	SPSS/PC for Population-Development Planning	La Paz, Bolivia	January 27-30, 1986
Bolivia	Ms. Sylvia Calderon Director Documentation Center CONAPO	SPSS/PC for Population-Development Planning	La Paz, Bolivia	January 27-30, 1986
Bolivia	Lic. Antonio Gomez Researcher CONAPO	SPSS/PC for Population-Development Planning	La Paz, Bolivia	January 27-30, 1986
Bolivia	Lic. Rodney Pereira Researcher CONAPO	SPSS/PC for Population-Development Planning	La Paz, Bolivia	January 27-30, 1986
Bolivia	Mr. Sergio Cornejo Programmer Ministry of Planning and Coordination	SPSS/PC for Population-Development Planning	La Paz, Bolivia	January 27-30, 1986

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Bolivia	Ms. Sylvia Pabon Sociologist CIPLA	SPSS/PC for Popula- tion-Development Plan- ning	La Paz, Bolivia	January 27-30, 1986
Bolivia	Mr. Alejandro Pacheco Researcher CIPLA	SPSS/PC for Popula- tion-Development Plan- ning	La Paz, Bolivia	January 27-30, 1986
Burundi	Mr. Didace Munderere Adviser to the Minister Ministry of Social Affairs	Applied Population and Development Planning (French)	RTPK, NC Washington, DC New York, NY	March 17-April 18, 1986 April 19-22, 1986 April 22-24, 1986
Burundi	Dr. Nestor Ndayimirije Assistant Director Ministry of Health	Applied Population and Development Planning (French)	RTPK, NC Washington, DC New York, NY	March 17-April 18, 1986 April 19-22, 1986 April 22-24, 1986
C.32 Haiti	Mr. Raoul Baptiste Statistician Directorate of Economic and Social Programming Ministry of Plan	Applied Population and Development Planning (French)	RTPK, NC Washington, DC New York, NY	March 17-April 18, 1986 April 19-22, 1986 April 22-24, 1986
Haiti	Dr. Marie Jose Bros Executive Director Association for Medical Assistance for the Poor	Applied Population and Development Planning (French)	RTPK, NC Washington, DC New York, NY	March 17-April 18, 1986 April 19-22, 1986 April 22-24, 1986
Haiti	Dr. Gerard Bros Director Health Programs Association for Medical Assistance for the Poor	Applied Population and Development Planning (French)	RTPK, NC Washington, DC New York, NY	March 17-April 18, 1986 April 19-22, 1986 April 22-24, 1986
Ivory Coast	Ms. Marie Tape Bonfin Chargee d'Etude Economique Department of Plan Ministry of Economy and Finance	Applied Population and Development Planning (French)	RTPK, NC Washington, DC New York, NY	March 17-April 18, 1986 April 19-22, 1986 April 22-24, 1986

TABLE 1 (CONTINUED)

Country	Trainee/Pos/Inst	Course	Location	Dates
Ivory Coast	Mr. Eugene Yapo Statistician/Demographer Department of Planning and Health Statistics Ministry of Health	Applied Population and Development Planning (French)	RTPK, NC Washington, DC New York, NY	March 17-April 18, 1986 April 19-22, 1986 April 22-24, 1986
Madagascar	Mr. Roger S. Rakotoson Chief of Service for Supervision of Regional Projects Directorate General of Planning	Applied Population and Development Planning (French)	RTPK, NC Washington, DC New York, NY	March 17-April 18, 1986 April 19-22, 1986 April 22-24, 1986
Madagascar	Mr. Eugene Razafimamonjy Chief of Service for Manpower and Employment Planning Directorate General of Planning	Applied Population and Development Planning (French)	RTPK, NC Washington, DC New York, NY	March 17-April 18, 1986 April 19-22, 1986 April 22-24, 1986
233 Rwanda	Ms. Monique Mukamanzi Chief of the Division of Research and Evaluation National Office of Population	Applied Population and Development Planning (French)	RTPK, NC Washington, DC New York, NY	March 17-April 18, 1986 April 19-22, 1986 April 22-24, 1986
Rwanda	Mr. Festus Mutarasisi Chief of the Division of Population Planning and Programming Bureau National de Recensement	Applied Population and Development Planning (French)	RTPK, NC Washington, DC New York, NY	March 17-April 18, 1986 April 19-22, 1986 April 22-24, 1986
Zaire	Citoyen Mukanga Lukasu Chief of the Division of Health Department of Plan	Applied Population and Development Planning (French)	RTPK, NC Washington, DC New York, NY	March 17-April 18, 1986 April 19-22, 1986 April 22-24, 1986
Zaire	Citoyen Bungu Munta Economist/Demographer National Institute of Statistics	Applied Population and Development Planning (French)	RTPK, NC Washington, DC New York, NY	March 17-April 18, 1986 April 19-22, 1986 April 22-24, 1986

TABLE 2
RESEARCH PROJECTS

Country	Project Name	Princ. Invest.	Institution	Dates
Thailand	Research Studies for Population Policy Background Paper			
	1. Population impact on urban problems	Thienchay	Chulalongkorn University	1985-1986
	2. Population impact on land availability	Yongyuth	Kasetsart University	1985-1986
	3. Population impact on old age security	Suchada	Chulalongkorn University	1985-1986
C.34	4. Population impact on education planning	Wattana	Chulalongkorn University	1985-1986
Mexico	Rural-Urban Projections by Age and Sex with Females Disaggregated by Users/Non-users of Contraceptive Methods	Nunez Fernandez	Academia Mexicana	7/85-6/86
Mexico	Planning of Regional Education and Labor Force Demands	Ordorica Mellado	CONAPO	10/85-6/87
Bolivia	Analysis for Planning Models	Rene Pereira	CONAPO	12/85-7/87

TABLE 3

MODEL DEVELOPMENT AND APPLICATIONS

Model	Language	Micro.	Country Applic.	Collab. Institution	Main Collaborator	Dates
Modelling Program Shell, Host	Turbo-Pascal	IBM	Developmental	_____	_____	1984-1986
Population, Education, Labor Force Model	Turbo-Pascal	IBM	Developmental	_____	_____	1985
Cost-Benefit Model	Lotus 1-2-3	IBM	Indonesia	1. USAID/Jakarta 2. Family Planning Coordination Board (BKKBN)	David Piet Haryono Suyono	1985
C.35 Multiregional-Population Project-Model (MPP)	FORTRAN	IBM	Bolivia	1. National Population Council	José Baldivia	1985-1986
				2. National Statistics Institute	Jesus Herrera	1985-1986
Population Redistribution Policy (MPP)	FORTRAN	IBM	Bolivia	CONAPO	Antonio Gomez	1986-1987
Evaluation of Colonization Projects (MPP)	FORTRAN	IBM	Bolivia	CONAPO	Antonio Gomez	1986-1987
MPP	FORTRAN	IBM	Mexico	CONAPO	Manuel Ordorica	1986-1987
Rural/Urban Projects and Use/Nonuse of Contraceptives (MPP)	FORTRAN	IBM	Mexico	AMIDEM	Leopolodo Nunez	1985-1986

TABLE 3 (CONTINUED)

Model	Language	Micro.	Country Applic.	Collab. Institution	Main Collaborator	Dates
Population Projection Utility Model	Lotus 1-2-3	IBM	Thailand	1. Thailand Development Research Institute (TDRI) 2. Chulalongkorn University	Khunying Thongtip Ratanarat Thienchay Kiranandada	1985
Bachue-International (downloaded and enhanced)	FORTRAN	IBM	General	ILO		1985-1987
Agriculture	Turbo-Pascal	IBM	Nigeria	Federal Ministry of Agriculture	Onabanjo	1985-1986
Health	Turbo-Pascal	IBM	Nigeria	Federal Ministry of Health	Ubuane	1985-1986
Education (UNESCO)	Turbo-Pascal	IBM	Nigeria	Federal Ministry of National Planning	Olasebikan	1985-1986
Macroeconomy	Lotus 1-2-3	IBM	Nigeria	Federal Ministry of National Planning	Nzekwu	1985-1986
Education*	Turbo-Pascal	IBM	Morocco	Ministry of Pla	Gouitaa	1985
Family Planning*	Turbo-Pascal	IBM	Morocco	Ministry of Public Health	Ouakrim	1985
Employment*	Turbo-Pascal	IBM	Morocco	Ministry of Plan	Benrida	1985
Manpower*	Turbo-Pascal	IBM	Morocco	Ministry of Plan	Benrida	1985
Agriculture*	Turbo-Pascal	IBM	Morocco	Ministry of Agriculture	Naanani	1985

TABLE 3 (CONTINUED)

Model	Language	Micro.	Country	Applic.	Collab. Institution	Main Collaborator	Dates
Water*	Turbo-Pascal	IBM	Morocco		Office National de l'Eau Potable	El Youbi	1985
Population*	Turbo-Pascal	IBM	Morocco		Ministry of Plan	Nouijai	1985
MPP	FORTRAN	IBM	Tunisia		Ministry of Plan	Skouri	1985
Family Planning Cost-Benefit	Turbo-Pascal	IBM	Sri Lanka		Population Division, Ministry of Plan Implementation	D.P. Wijegoonesekera	1986
Education Sector	Lotus 1-2-3	IBM	Indonesia		Ministry of Education	Boediono	1986
Education Sector	Pascal	IBM	Indonesia		Ministry of Education	Boediono	1986
Graphics Interface for Host	Lotus 1-2-3	IBM	Developmental		_____	_____	1986
Agriculture	Turbo-Pascal	IBM	Bolivia		CONAPO	R. Pereira	1986-1987
Health	Turbo-Pascal	IBM	Bolivia		CONAPO	A. Gomez	1986-1987
Food-Nutrition	Turbo-Pascal	IBM	Bolivia		CONAPO	R. Pereira	1986-1987
Labor Force- Education- Employment	Turbo-Pascal	IBM	Somalia		Ministry of National Planning	S.M. Mope	1986-1987
Long-Term Economic- Demographic	Turbo-Pascal	IBM	Tunisia		Ministry of Plan	Baccar and Skouri	1986-1987

*Models will be integrated into one using shell. Models use microsimulation.

TABLE 4
MICROCOMPUTER TRANSFER

Country	Location	Micro Specs or Enhancements	Mass Storage	Monitor	Printer	Power Supply/Regulator	Software	Date
<u>Africa</u>								
Kenya	Ministry of National Planning	IBM-AT, 512K 2 floppy drives; 80287 numeric coprocessor; Genoa color/graphics card	Iomega 2x10 mega-byte cartridge system	Amdek-310A	Epson FX 100+	Sola Reg. 500 VA	Standard Package*	6/85
Mali	Institute of the Sahel						dBase III	1/86
Malawi	Ministry of Health	IBM-AT, 512K 2 floppy drives; 80287 numeric coprocessor; Genoa color/graphics card	Iomega 2x10 mega-byte cartridge system	Amdek-310A	Epson FX 100+	Topaz UPS Masterpiece surge suppressor	Standard Package*	12/85
Nigeria	Federal Ministry of Agriculture	8087 numeric co-processor AST 6 pack+ with 384K RAM	Iomega 2x10 mega-byte dual cartridge system		Epson FX 100+		Wordix Spellix Turbo-Pascal SPSS-PC	8/85
Nigeria	Federal Ministry of Labor	8087 numeric coprocessor	Iomega 2x10 mega-byte dual cartridge system		Epson FX 100+		Turbo-Pascal	8/85
Nigeria	Federal Ministry of Labor					Masterpiece surge suppressor	dBase III	11/85

C.38

TABLE 4 (CONTINUED)

Country	Location	Micro Specs or Enhancements	Mass Storage	Monitor	Printer	Power Supply/Regulator	Software	Date
Nigeria	Federal Ministry of National Planning	IBM-PC 256K RAM 2 floppy drives		Amdek 310A	Epson FX 100+		DOS 3.1 Lotus Wordstar	8/85
Nigeria	Federal Ministry of National Planning	8087 numeric coprocessor AST 6 pack+ with 384K RAM Genoa color graphics card	Iomega 2x10 mega- byte dual cartridge system			Topaz UPS 400 VA	Turbo-Pascal SPSS-PC Wordix Spellix	8/85
Nigeria	Federal Ministry of National Planning	8087 numeric coprocessor				2 Master- piece surge suppressors	dBase III	11/85
C. 39 Nigeria	Federal Ministry of Health	8087 numeric coprocessor; AST 6 pack+ with 384K RAM	Iomega 2x10 mega- byte dual cartridge system		Epson FX 100+		Wordix Spellix Turbo-Pascal SPSS-PC	8/85
Nigeria	Federal Ministry of Health					Masterpiece surge suppressor		11/85
Senegal	Bureau of Statistics	IBM-PC, 256K 2 disk drives AST 6-pak Plus board with 384K RAM Genoa color graphics card 8087 numeric coprocessor 135 watt power supply (installed)	20 mega- byte Winchester internal with controller	IBM mono- chrome monitor	Epson FX-185	Sola Reg. 500 VA	Edix Wordix Lotus 1-2-3 DOS 3.1 Micro TSP LP linear programming	11/85

TABLE 4 (CONTINUED)

Country	Location	Micro Specs or Enhancements	Mass Storage	Monitor	Printer	Power Supply/Regulator	Software	Date
Senegal	Employment Secretariat	IBM-PC, 256K 2 disk drives AST 6-pak Plus board with 384K RAM Genoa color graphics card 8087 numeric coprocessor 135 watt power supply (installed)	20 mega-byte Winchester internal hard disk with controller	IBM mono-chrome	Espon FX-185	Sola Reg. 500 VA	Edix Wordix Lotus 1-2-3 DOS 3.1 Micro TSP LP linear programming	11/85
C.40 Senegal	Ministry of Education	IBM-PC, 256K 2 disk drives AST 6-pak Plus board with 384K RAM Genoa color graphics card 8087 numeric coprocessor 135 watt power supply (installed)	20 mega-byte Winchester internal hard disk with controller	IBM mono-chrome monitor	Espon FX-185	Sola Reg. 500 vA	Edix Wordix Lotus 1-2-3 DOS 3.1 Micro TSP LP linear programming	11/85
Senegal	Ministry of Health	IBM-PC, 256K 2 disk drives AST 6-pak Plus board with 384K RAM Genoa color graphics card 8087 numeric coprocessor 135 watt power supply (installed)	20 mega-byte Winchester internal hard disk with controller	IBM mono-monitor	Epson FX-185	Sola Reg. 500 VA	Edix Wordix Lotus 1-2-3 DOS 3.1 Micro TSP LP linear programming	11/85

TABLE 4 (CONTINUED)

Country	Location	Micro Specs or Enhancements	Mass Storage	Monitor	Printer	Power Supply/Regulator	Software	Date
Senegal	Ministry of Plan	IBM-PC, 256K 2 disk drives AST 6-pak Plus board with 384K RAM Genoa color graphics card 8087 numeric coprocessor 135 watt power supply (installed)	20 mega-byte Winchester hard disk with controller	IBM mono-chrome monitor	Epson FX-185	Sola Reg. 500 VA	Edix Wordix Lotus 1-2-3 DOS 3.1 Micro TSP LP linear programming	11/85
Senegal	Ministry of Rural Development	IBM-PC, 256K 2 disk drives AST 6-pak Plus board with 384K RAM Genoa color graphics card 8087 numeric coprocessor 135 watt power supply (installed)	20 mega-byte Winchester internal hard disk with controller	IBM mono-chrome monitor	Epson FX-185	Sola Reg. 500 VA	Edix Wordix Lotus 1-2-3 DOS 3.1 Micro TSP LP linear programming	11/85
Senegal	National Population Commission	135 watt power supply Hewlett-Packard 7475A color plotter AST 6-pak Plus board with 384K RAM IBM monochrome card	20 mega-byte Winchester internal hard disk with controller				Edix Wordix Lotus 1-2-3 DOS 3.1 Micro TSP LP linear programming	11/85

TABLE 4 (CONTINUED)

Country	Location	Micro Specs or Enhancements	Mass Storage	Monitor	Printer	Power Supply/Regulator	Software	Date
Senegal	Regional Planning Secretariat	IBM-PC, 256K 2 disk drives AST 6-pak Plus board with 384K RAM Genoa color graphics card 8087 numeric coprocessor 135 watt power supply (installed)	20 mega-byte Winchester internal hard disk with controller	IBM mono-chrome monitor	Epson FX-185	Sola Reg. 500 VA	Edix Wordix Lotus 1-2-3 DOS 3.1 Micro TSP LP linear programming	11/85
Somalia	Human Resources Department, Ministry of National Planning	IBM-PC 640K 2 floppy drives 8087 numeric coprocessor; Genoa color/graphics card	Iomega 2x10 mega-byte dual cartridge system	Amdek 310A	Epson FX 100+	Topaz UPS 1000 VA	Standard package*	9/85
Somalia	Statistics Department, Ministry of National Planning	AST 6 pack+ with 384K RAM 8087 numeric coprocessor; Genoa color/graphics card	Iomega 2x10 mega-byte dual cartridge system			Topaz UPS 400 VA	Standard package*	7/85
Somalia	Human Resources Department, Ministry of National Planning	AST 6-pak Plus board with 384K Genoa color graphics card	Iomega 2x10 mega-byte dual cartridge system				Rbase-5000	12/86

TABLE 4 (CONTINUED)

Country	Location	Micro Specs or Enhancements	Mass Storage	Monitor	Printer	Power Supply/Regulator	Software	Date
Zaire	National Institute of Statistics	IBM-XT, 640K 2 disk drives AST 6-pak Plus board IBM color graphics card 8087-3 numeric coprocessor	30 mega-byte disk for IBM-XT	Amdek-300A	Okidata Microline 193	Sola Reg. 500 VA Masterpiece surge suppressor	IBM/DOS 3.0 Wordstar Lotus 1-2-3 dBase III Mailmerge	10/85
Zaire	Department of Plan	3 IBM-XT, 640K 2 disk drives AST 6-pak Plus board IBM color graphics card 8087-3 numeric coprocessor	3 30 mega-byte internal hard disk for IBM-XT	3 Amdek-300A	3 Okidata Microline 193	3 Sola Reg. 500 VA 1 Sola Reg. 1000 VA 3 Masterpiece surge suppressor	3 each: IBM/DOS 3.0 Wordstar Lotus 1-2-3 dBase III Mailmerge	10/85
<u>Asia</u>								
Sri Lanka	Population Division, Ministry of Plan Implementation	IBM-AT 512K RAM 2 floppy drives 80287 numeric coprocessor; Genoa color/graphics card	Iomega 2x10 mega-byte dual cartridge system	Amdek 310A	Epson FX 100+	Sola Reg. 500 VA	Standard package*	9/85
Thailand	NESDB	2 IBM-AT 512K RAM 2 floppy drives 80287 numeric coprocessor; Genoa color/graphics card	2 Iomega 2x10 mega-byte dual cartridge systems	2 Amdek 310A	2 Epson FX 100+	2 Topaz Reg. 500 VA	2 Standard Packages*	7/85

TABLE 4 (CONTINUED)

Country	Location	Micro Specs or Enhancements	Mass Storage	Monitor	Printer	Power Supply/Regulator	Software	Date
<u>Latin America and the Caribbean</u>								
Bolivia	CONOPO, Ministry of Planning	IBM-AT 512K RAM 2 floppy drives 80287 numeric coprocessor; Genoa color/ graphics card	Iomega 2x10 mega- byte dual cartridge system	Amdek 310A	Epson FX 100+	Sola Reg. 500 VA	Standard Package*; Supercalc for Apple and IBM; SLMicro for Apple; Word- star for Apple; dBASE II for Apple; Microsoft FORTRAN	8/85
Dominican Republic	CONAPOFA	IBM-AT 512K RAM, 2 floppy drives	Iomega 2x10 mega- byte dual cartridge system	Amdek 310A	Epson FX 100+		Standard Package*; Survey Mate	9/85
Dominican Republic	IEPD	IBM-AT 512K RAM, 2 floppy drives	Iomega 2x10 mega- byte dual cartridge system	Amdek 310A	Epson FX 100+		Standard Package*; Survey Mate	9/85
Mexico	CONAPO		Iomega 2x10 mega- byte dual cartridge system				Lotus Edix SPSS-PC	6/85
Mexico	CONAPO	2 8087 numeric coprocessors, Genoa graphics cards					Infostar	11/85

TABLE 4 (CONTINUED)

Country	Location	Micro Specs or Enhancements	Mass Storage	Monitor	Printer	Power Supply/ Regulator	Software	Date
Mexico	IMSS	8087 numeric coprocessor	Iomega 2x10 mega-byte dual cartridge system		Epson FX 100+		Microsoft FORTRAN Turbo-Pascal Edix	6/85
Mexico	IMSS	2 8087 numeric coprocessors, 2 Genoa graphics cards					Survey Mate	11/85
<u>Near East</u>								
C.45	Morocco	Ministry of Plan	IBM-PC 640K 2 drives		Amdek-300A	Epson FX 100+	Sola 500 VA	1984
	Morocco	Ministry of Plan	IBM-AT 512K RAM; 2 floppy drives; Genoa color/graphics display AST 6 pack+ with 384K RAM AST 6 pack+ with 64K RAM	20 Mb fixed disk	Amdek-310A		DOS 3.1 dBASE III SPSS-PC	4/85
	Morocco	Ministry of Plan				Okidata 93		5/85
	Tunisia	Human Resources Division, Ministry of Plan	IBM-AT 512K RAM Genoa color graphics card	Iomega 2x10 mega-byte dual cartridge system	IBM Mono-chrome monitor			Lotus 1-2-3 dBase III SPSS/PC

* The standard software package includes: PC-DOS (highest level available at the time); Turbo-Pascal; Lotus 1-2-3; SPSS-PC; dBase (highest level available); Wordstar; Edix; Wordix.

TABLE 5

TECHNICAL ASSISTANCE

Country	Activity	Collab. Institution	Main Collaborator	Dates
<u>Africa</u>				
Nigeria	Assistance in population and development modelling	Federal Ministries of Planning, Agriculture and Health	G. C. T. Nzekwu	1985-1986
Senegal	Assistance in planning development of RAPID-type sectoral models in collaboration with RAPID II	CONAPOP	A. Faye	1985-1986
Somalia	Assistance in development of education-labor force employment model	Ministry of National Planning	Mope, Aden and Omar	1986-1987
<u>Asia</u>				
Indonesia	Assistance to USAID in analyzing expenditure impact of Indonesia's Family Planning Program	USAID/Jakarta	David Piet and Marge Bonner	1985
Indonesia	Development of Education Sector Planning Model	Ministry of Education	Boediomo	1986
Thailand	Assistance in the preparation of Population Policy Background Paper for the sixth national plan	Thailand Development Research Institute (TDRI) and Chulalongkorn Univ.	Thienchay, Suchada, Wattana and Yongyuth	1985-1986
Thailand	Development of Education-Manpower-Employment Planning Model	National Economic and Social Development Board	Jawaluksana	1985-1986

TABLE 5 (CONTINUED)

Country	Activity	Collab. Institution	Main Collaborator	Dates
<u>Latin America and Caribbean</u>				
Mexico	Assistance in projections	IMSS	_____	1985-1986
<u>Near East</u>				
Morocco	Assistance in population and development modeling	Ministries of Plan, Public Health, Water and Agriculture	Ahmed Benrida	1985-1986
Tunisia	Assistance in long-term economic-demographic modeling	Ministry of Plan; Institute of Quantitative economics	M. Skouri, Gherbel, T. Baccar	1986-1987